

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120423\
 Data File : BP018629.D
 Acq On : 06 Dec 2023 10:06
 Operator : MA/JU
 Sample : 05456-01
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 E05M4

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0.1 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
 Title : SVOA CALIBRATION

Signal : TIC: BP018629.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	7.016	658	668	672	rBV2	368637	763880	2.16%	0.190%
2	7.187	691	697	703	rBV	271944	405908	1.15%	0.101%
3	7.381	722	730	738	rBV	349989	549659	1.55%	0.137%
4	7.852	800	810	817	rBV	1137934	1822887	5.15%	0.453%
5	8.557	923	930	937	rVB	417010	645033	1.82%	0.160%
6	8.675	943	950	961	rVB	1379466	2131595	6.03%	0.530%
7	9.010	1000	1007	1016	rVB	326263	532917	1.51%	0.132%
8	9.728	1122	1129	1135	rBV	242925	402850	1.14%	0.100%
9	9.916	1147	1161	1167	rBV	233438	595177	1.68%	0.148%
10	10.093	1182	1191	1197	rBV	162745	288692	0.82%	0.072%
11	10.263	1214	1220	1228	rVV	473993	770623	2.18%	0.192%
12	10.646	1275	1285	1291	rBV	1580562	2585319	7.31%	0.643%
13	13.892	1832	1837	1841	rVV	775303	1030721	2.91%	0.256%
14	14.169	1878	1884	1887	rBV	839522	1396294	3.95%	0.347%
15	14.198	1887	1889	1911	rVB	1066128	1663537	4.70%	0.414%
16	14.481	1928	1937	1943	rBV	2099063	3252412	9.19%	0.808%
17	14.675	1965	1970	1981	rBV5	186127	355046	1.00%	0.088%
18	14.875	1999	2004	2011	rVB	285039	451891	1.28%	0.112%
19	15.469	2099	2105	2110	rVV	1121209	1581394	4.47%	0.393%
20	15.816	2159	2164	2170	rBV	242425	413750	1.17%	0.103%
21	15.963	2180	2189	2198	rVB2	255820	615757	1.74%	0.153%
22	16.198	2222	2229	2236	rBV4	268056	573364	1.62%	0.143%
23	16.757	2320	2324	2328	rBV2	219575	315294	0.89%	0.078%
24	16.798	2328	2331	2335	rBV2	230212	293479	0.83%	0.073%
25	16.881	2340	2345	2352	rVV	876668	1376213	3.89%	0.342%
26	16.957	2353	2358	2365	rVV	287279	619377	1.75%	0.154%
27	17.045	2369	2373	2382	rVB	413143	674361	1.91%	0.168%
28	17.228	2398	2404	2407	rBV	1992730	3040644	8.60%	0.756%
29	17.269	2407	2411	2416	rVV	7501393	10473039	29.61%	2.603%
30	17.328	2416	2421	2423	rVV	1035968	1566615	4.43%	0.389%
31	17.357	2423	2426	2432	rVV	2532298	3409559	9.64%	0.848%
32	17.410	2432	2435	2441	rVB2	241713	375934	1.06%	0.093%
33	17.633	2464	2473	2476	rBV2	518038	895899	2.53%	0.223%
34	17.751	2489	2493	2498	rVV2	502088	777722	2.20%	0.193%
35	17.804	2498	2502	2510	rVB3	547291	854633	2.42%	0.212%
36	18.092	2546	2551	2555	rBV	1867769	2709513	7.66%	0.674%

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Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
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37	18.139	2555	2559	2565	rVB	2202800	3257131	9.21%	0.810%
38	18.216	2567	2572	2577	rBV	723766	1017283	2.88%	0.253%
39	18.280	2577	2583	2586	rBV2	1685943	3024991	8.55%	0.752%
40	18.316	2586	2589	2597	rVB	1756066	2255664	6.38%	0.561%
41	18.398	2598	2603	2606	rBV4	269153	464809	1.31%	0.116%
42	18.475	2612	2616	2620	rVB3	240506	342554	0.97%	0.085%
43	18.533	2621	2626	2629	rBV3	169507	297496	0.84%	0.074%
44	18.580	2629	2634	2637	rBV	1545811	1924280	5.44%	0.478%
45	18.616	2637	2640	2646	rVB	1359303	1851202	5.23%	0.460%
46	18.675	2646	2650	2652	rBV	309277	388488	1.10%	0.097%
47	18.816	2671	2674	2678	rVV2	510287	698612	1.98%	0.174%
48	18.863	2678	2682	2685	rVV	579911	721509	2.04%	0.179%
49	18.898	2685	2688	2692	rVB2	576435	733137	2.07%	0.182%
50	18.980	2697	2702	2706	rBV	1161965	1843234	5.21%	0.458%
51	19.033	2707	2711	2715	rVV3	417177	838231	2.37%	0.208%
52	19.075	2715	2718	2721	rVB	530398	589330	1.67%	0.146%
53	19.122	2721	2726	2733	rBV	3341366	4741274	13.40%	1.179%
54	19.245	2741	2747	2752	rVB	18595646	26515955	74.96%	6.591%
55	19.304	2753	2757	2759	rBV	438433	611827	1.73%	0.152%
56	19.333	2759	2762	2767	rVB4	592864	954091	2.70%	0.237%
57	19.386	2767	2771	2774	rVB	601902	704889	1.99%	0.175%
58	19.433	2774	2779	2782	rBV3	466051	753274	2.13%	0.187%
59	19.475	2783	2786	2790	rVB	551364	671057	1.90%	0.167%
60	19.563	2796	2801	2803	rBV	4472050	6065388	17.15%	1.508%
61	19.598	2803	2807	2813	rVV	18062836	26391113	74.61%	6.560%
62	19.657	2813	2817	2824	rVB2	1301263	1978177	5.59%	0.492%
63	19.763	2830	2835	2840	rBV	1466543	2089379	5.91%	0.519%
64	19.816	2840	2844	2850	rVB3	661064	1074470	3.04%	0.267%
65	19.916	2853	2861	2866	rBV3	1986780	4802448	13.58%	1.194%
66	20.033	2876	2881	2885	rBV5	1684001	3433229	9.71%	0.853%
67	20.169	2901	2904	2907	rVB2	310238	313849	0.89%	0.078%
68	20.227	2907	2914	2918	rBV2	3119679	5005509	14.15%	1.244%
69	20.304	2924	2927	2932	rBV2	547113	855799	2.42%	0.213%
70	20.363	2933	2937	2941	rBV	1907130	2513843	7.11%	0.625%
71	20.410	2941	2945	2949	rVB	1697413	2149305	6.08%	0.534%
72	20.610	2976	2979	2982	rBV3	360817	600155	1.70%	0.149%
73	20.722	2994	2998	3001	rBV2	584115	830664	2.35%	0.206%
74	20.804	3008	3012	3018	rVB	5579895	7191305	20.33%	1.788%
75	20.969	3033	3040	3043	rBV2	3155533	6260608	17.70%	1.556%
76	21.004	3043	3046	3049	rVV	2845462	3615280	10.22%	0.899%

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77	21.045	3049	3053	3058	rVV2	2938904	5138603	14.53%	1.277%
78	21.098	3058	3062	3068	rVB	4679934	6480758	18.32%	1.611%
79	21.204	3074	3080	3089	rBV3	891402	2478561	7.01%	0.616%
80	21.310	3089	3098	3102	rVV3	16622773	29109544	82.29%	7.236%
81	21.363	3103	3107	3116	rVB	15053490	21823036	61.70%	5.425%
82	21.527	3132	3135	3140	rBV2	1653248	2444669	6.91%	0.608%
83	21.639	3149	3154	3159	rBV3	2143719	3764900	10.64%	0.936%
84	21.686	3159	3162	3166	rVV2	929870	1179648	3.33%	0.293%
85	21.827	3183	3186	3189	rBV	681236	879887	2.49%	0.219%
86	21.886	3189	3196	3200	rVV	3162991	5637807	15.94%	1.401%
87	21.945	3201	3206	3211	rVB2	2044215	3269617	9.24%	0.813%
88	22.092	3227	3231	3234	rBV	1326024	1880647	5.32%	0.467%
89	22.198	3246	3249	3253	rVB3	993983	1405692	3.97%	0.349%
90	22.692	3328	3333	3346	rVB4	1538899	4206720	11.89%	1.046%
91	22.986	3374	3383	3388	rBV2	13103484	35372255	100.00%	8.792%
92	23.157	3407	3412	3418	rBV	2633571	4075521	11.52%	1.013%
93	23.298	3432	3436	3446	rBV3	907251	2927302	8.28%	0.728%
94	23.498	3463	3470	3476	rBV	7649008	14576394	41.21%	3.623%
95	23.604	3481	3488	3494	rVB	10334558	21044208	59.49%	5.231%
96	23.698	3499	3504	3508	rVV	1444679	2915713	8.24%	0.725%
97	23.757	3508	3514	3522	rVB2	3465029	8090009	22.87%	2.011%
98	26.192	3917	3928	3938	rVB	6774812	22717787	64.22%	5.647%
99	26.468	3969	3975	3983	rVB	1308464	3331498	9.42%	0.828%
100	26.956	4047	4058	4073	rVB	4827619	16967960	47.97%	4.218%

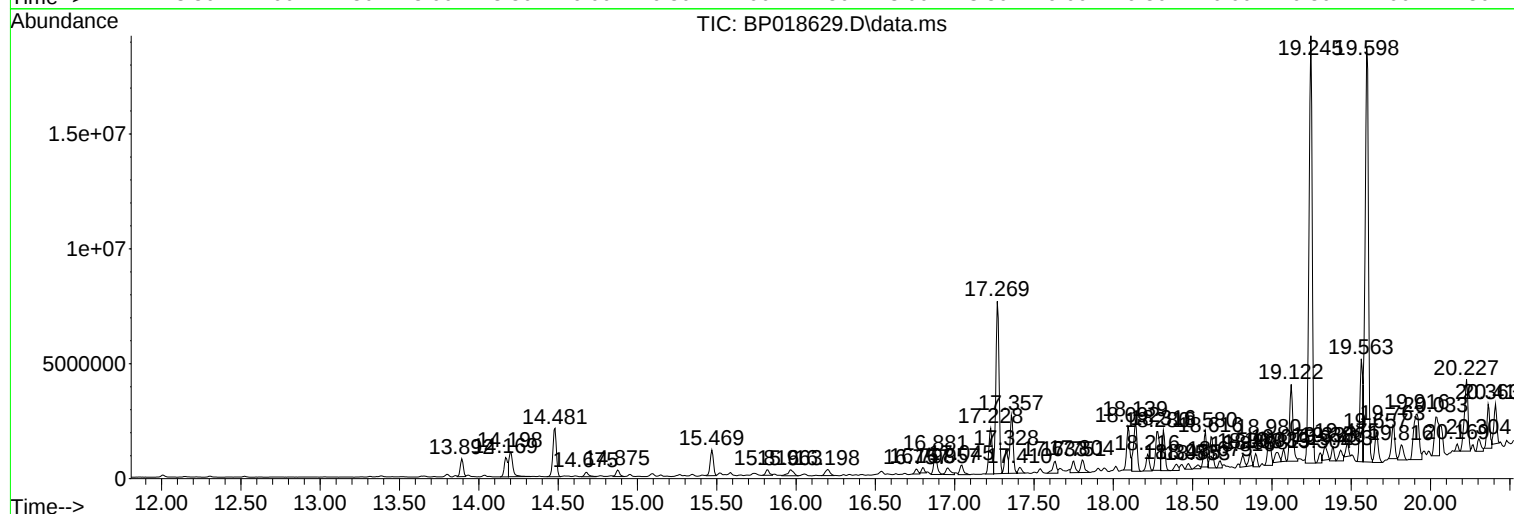
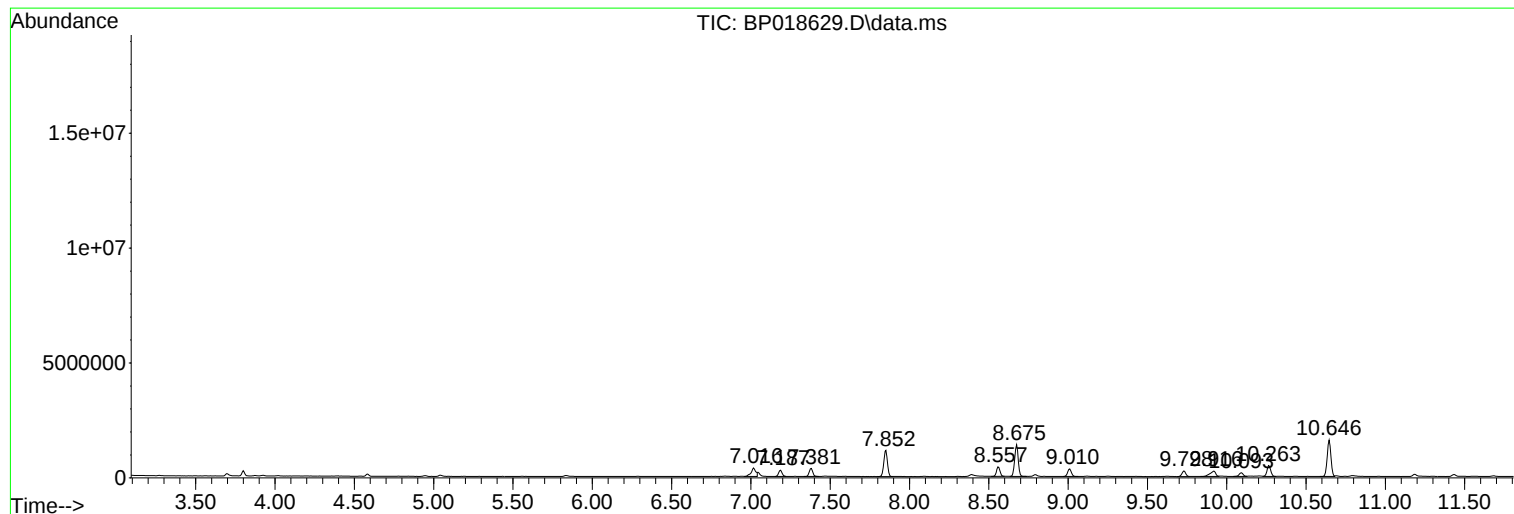
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P



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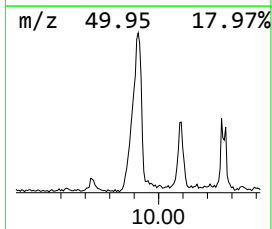
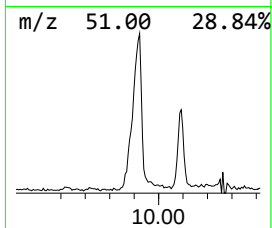
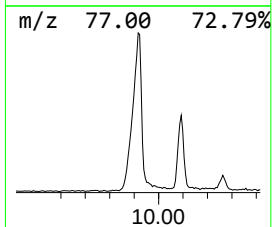
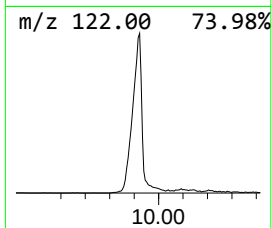
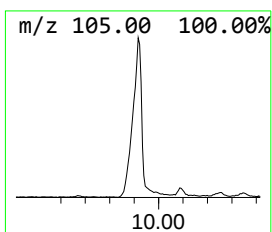
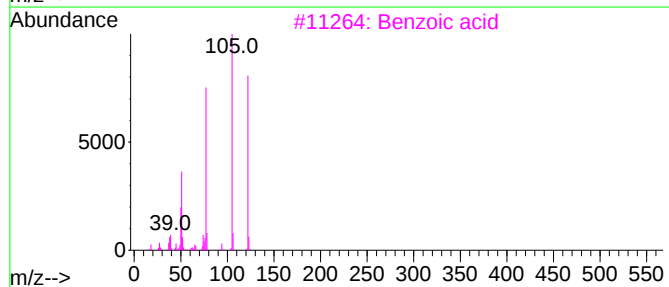
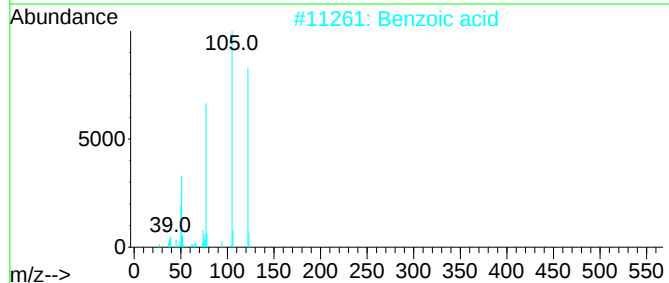
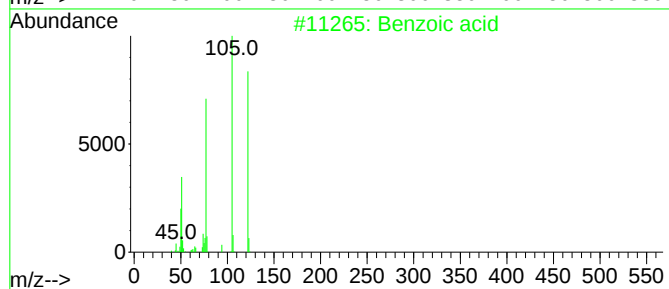
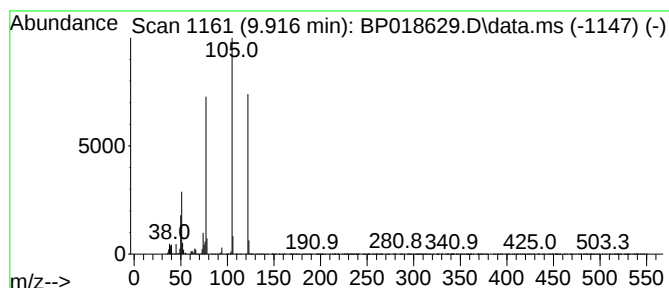
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Benzoic acid Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.916	4.60 ng/ul	595177	Naphthalene-d8	10.646

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzoic acid	122	C7H6O2	000065-85-0	96
2			Benzoic acid	122	C7H6O2	000065-85-0	94
3			Benzoic acid	122	C7H6O2	000065-85-0	94
4			Benzoic acid, silver(1+) salt	228	C7H5AgO2	000532-31-0	90
5			Methanol, oxo-, benzoate	150	C8H6O3	1000305-65-2	86



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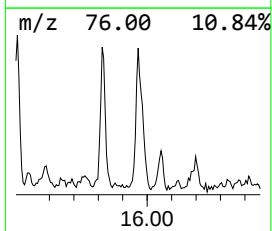
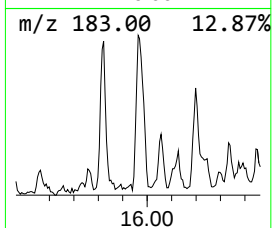
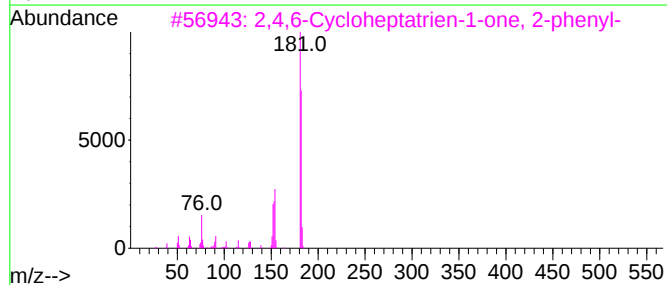
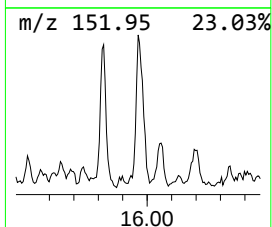
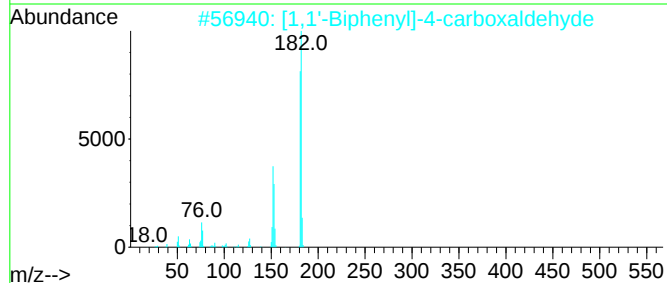
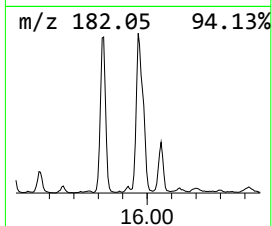
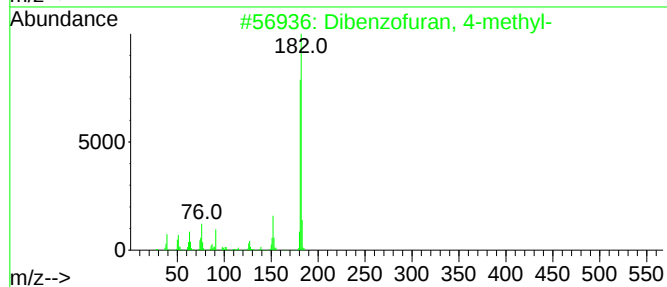
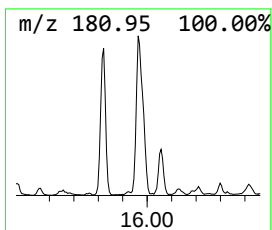
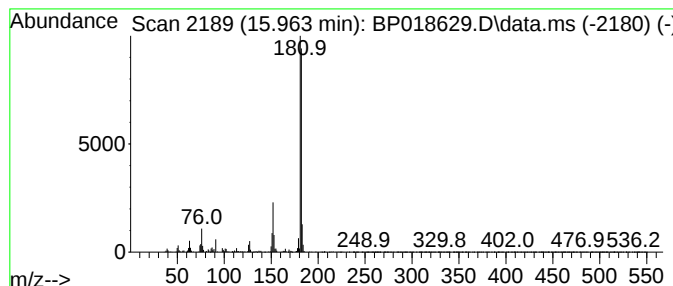
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Dibenzofuran, 4-methyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.963	4.05 ng/ul	615757	Phenanthrene-d10	17.228

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	90
2			[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	87
3			2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	80
4			9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
5			[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	78



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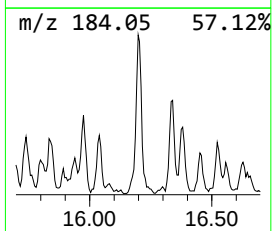
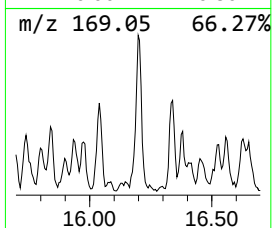
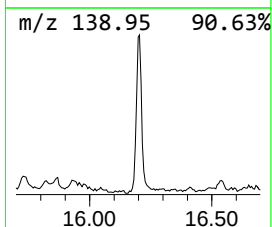
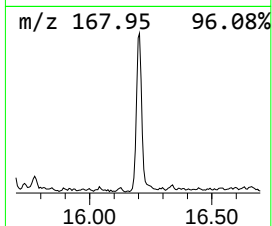
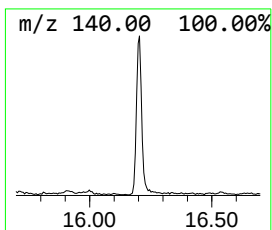
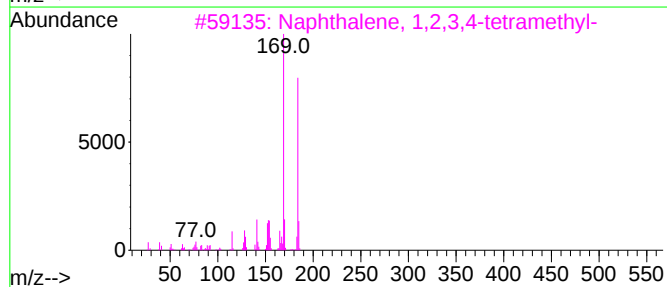
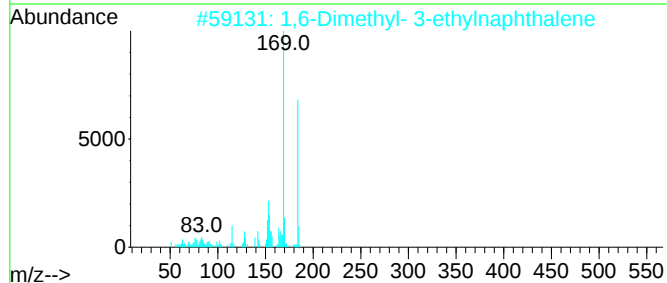
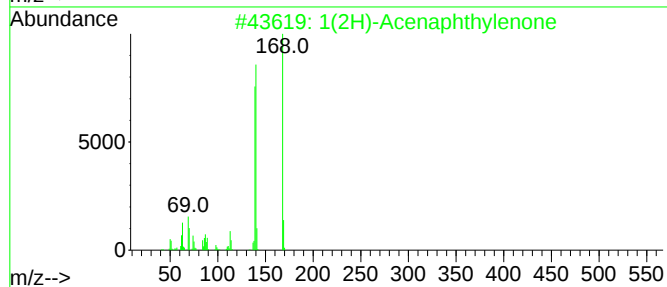
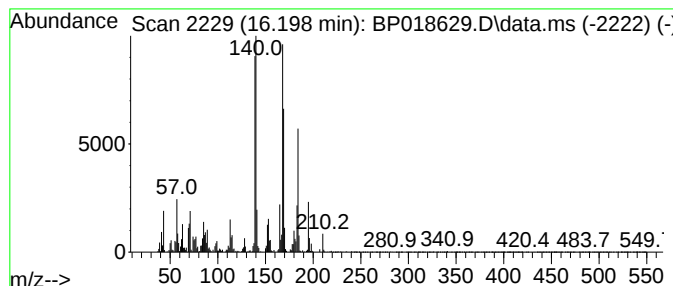
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ClientSampleId :
E05M4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 1(2H)-Acenaphthylenone Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.	
16.198	3.77 ng/ul	573364	Phenanthrene-d10	17.228	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1(2H)-Acenaphthylenone	168	C12H8O	002235-15-6	90
2	1,6-Dimethyl- 3-ethylnaphthalene	184	C14H16	1000383-71-8	44
3	Naphthalene, 1,2,3,4-tetramethyl-	184	C14H16	003031-15-0	41
4	1,1'-Biphenyl, 2-methoxy-	184	C13H12O	000086-26-0	38
5	Cyclobuta[de]naphthalene	140	C11H8	024973-91-9	30



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120423\
Data File : BP018629.D
Acq On : 06 Dec 2023 10:06
Operator : MA/JU
Sample : 05456-01
Misc :
ALS Vial : 66 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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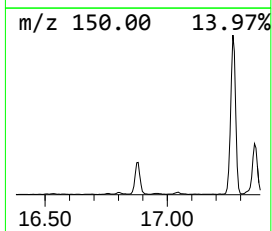
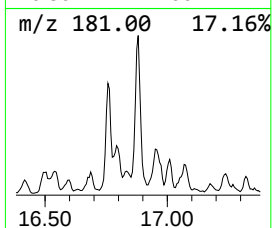
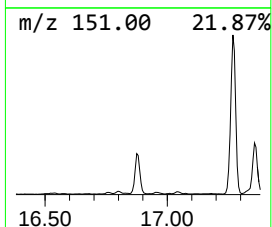
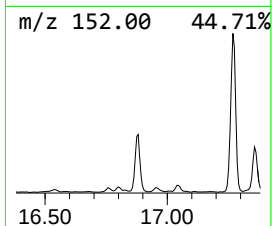
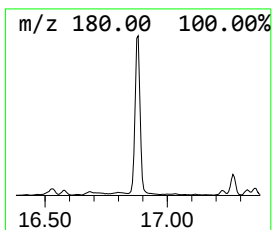
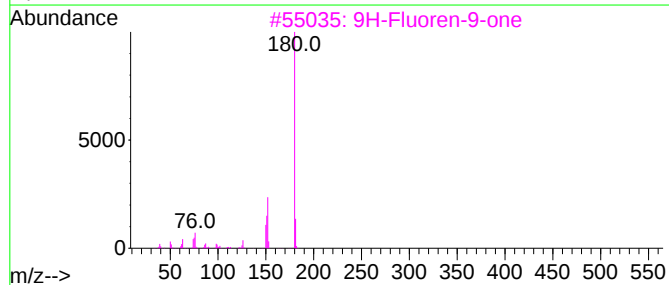
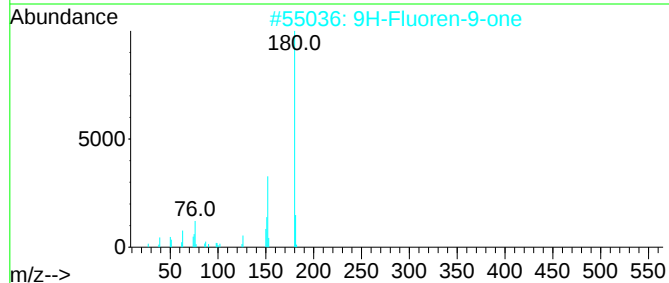
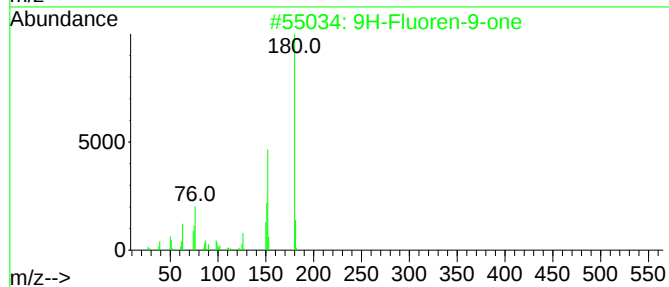
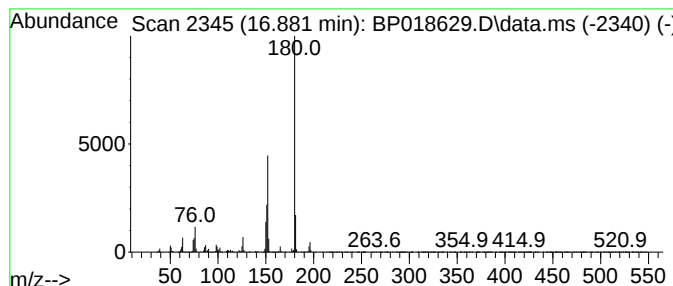
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 9H-Fluoren-9-one Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.881	9.05 ng/ul	1376210	Phenanthrene-d10	17.228

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one			180	C13H8O	000486-25-9	97
2	9H-Fluoren-9-one			180	C13H8O	000486-25-9	95
3	9H-Fluoren-9-one			180	C13H8O	000486-25-9	95
4	9H-Fluoren-9-one			180	C13H8O	000486-25-9	93
5	9H-Fluoren-9-one			180	C13H8O	000486-25-9	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120423\
Data File : BP018629.D
Acq On : 06 Dec 2023 10:06
Operator : MA/JU
Sample : 05456-01
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Instrument :
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ClientSampleId :
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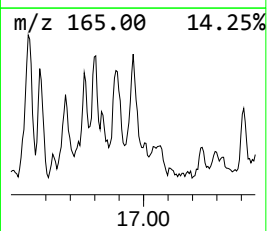
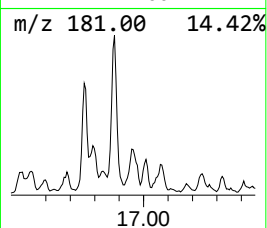
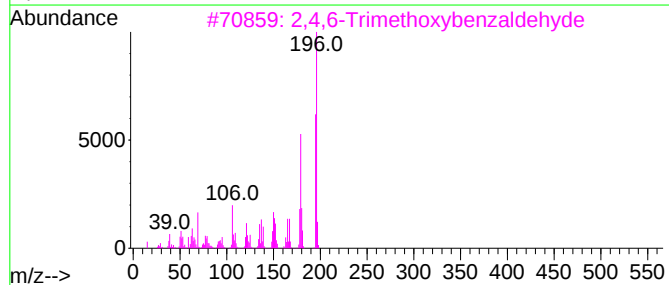
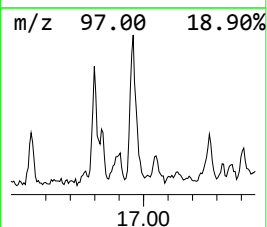
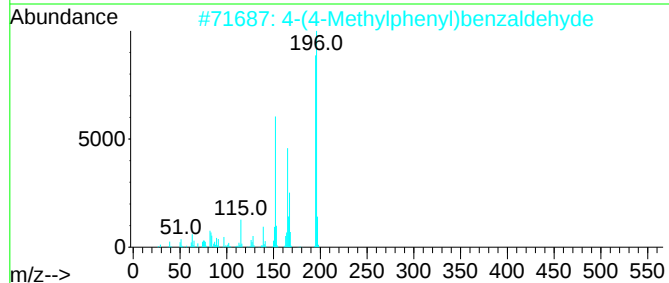
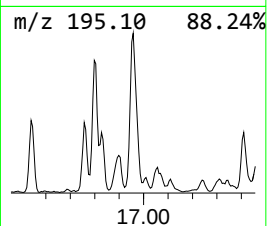
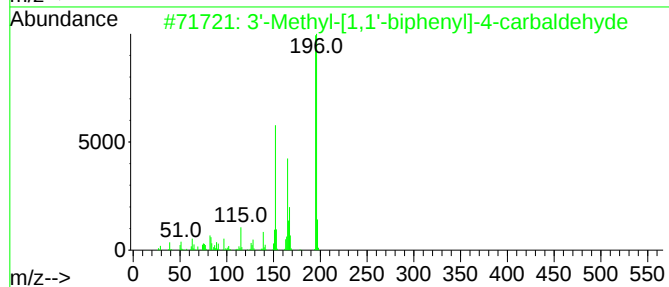
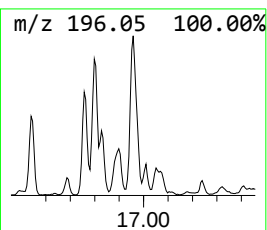
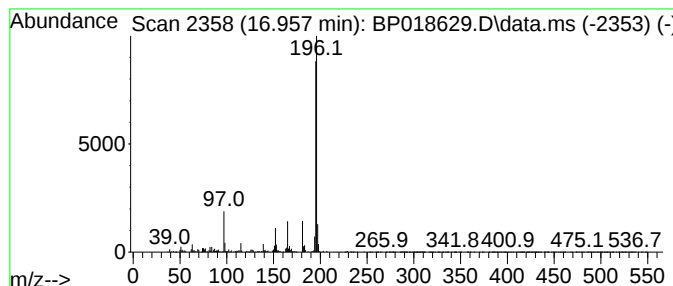
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 3'-Methyl-[1,1'-biphenyl]-4... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.957	4.07 ng/ul	619377	Phenanthrene-d10	17.228

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3'-Methyl-[1,1'-biphenyl]-4-carb...	196	C14H12O	400744-83-4	87
2			4-(4-Methylphenyl)benzaldehyde	196	C14H12O	036393-42-7	87
3			2,4,6-Trimethoxybenzaldehyde	196	C10H12O4	000830-79-5	86
4			8-Dimethylaminonaphthalene-1-car...	196	C13H12N2	128644-69-9	80
5			Benzenamine, 3-[2-(4-pyridinyl)e...	196	C13H12N2	1000337-31-3	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120423\
Data File : BP018629.D
Acq On : 06 Dec 2023 10:06
Operator : MA/JU
Sample : 05456-01
Misc :
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ClientSampleId :
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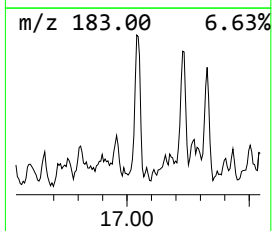
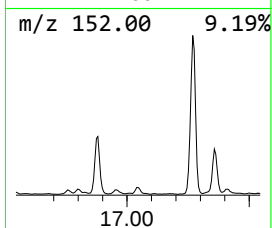
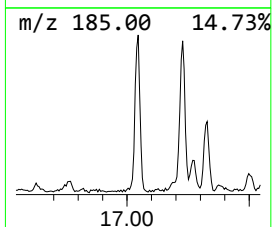
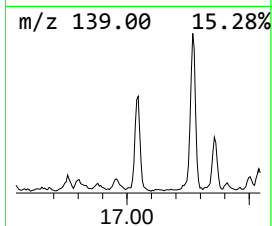
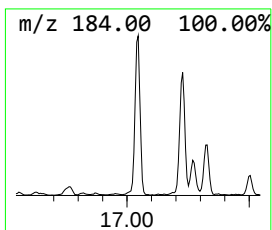
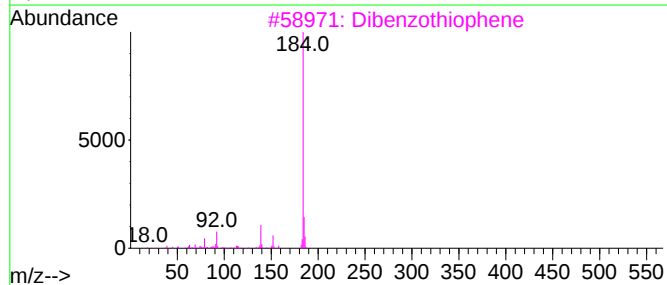
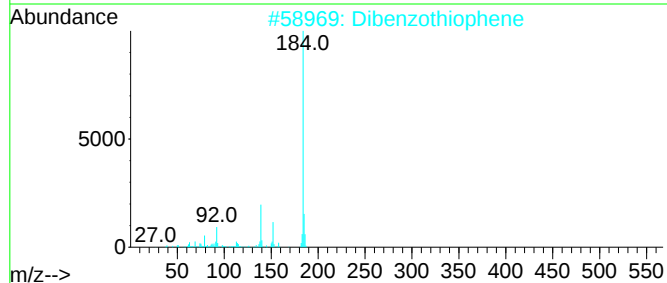
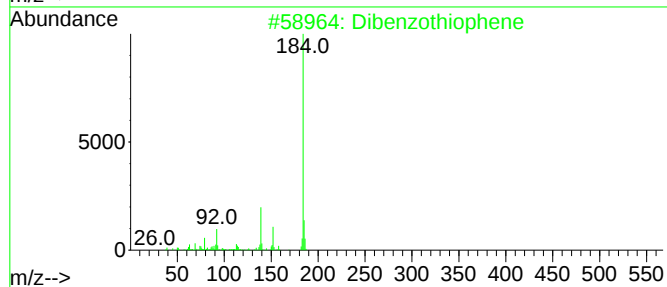
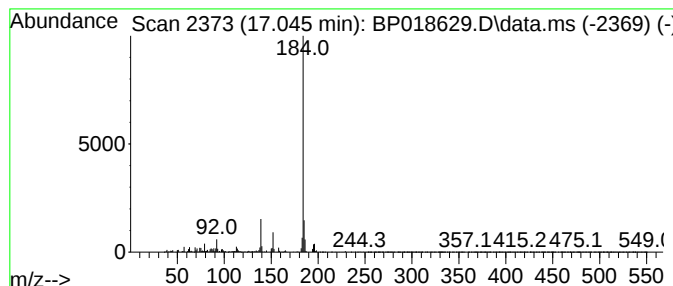
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Dibenzothiophene Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.045	4.44 ng/ul	674361	Phenanthrene-d10	17.228

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dibenzothiophene	184	C12H8S	000132-65-0	95
2			Dibenzothiophene	184	C12H8S	000132-65-0	95
3			Dibenzothiophene	184	C12H8S	000132-65-0	95
4			Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	94
5			Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	94



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120423\
Data File : BP018629.D
Acq On : 06 Dec 2023 10:06
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Misc :
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ClientSampleId :
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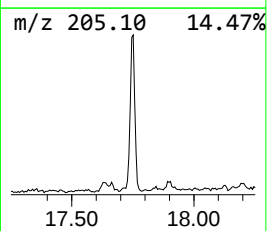
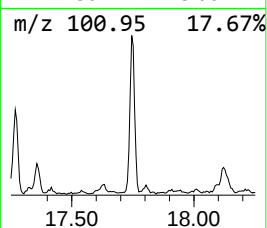
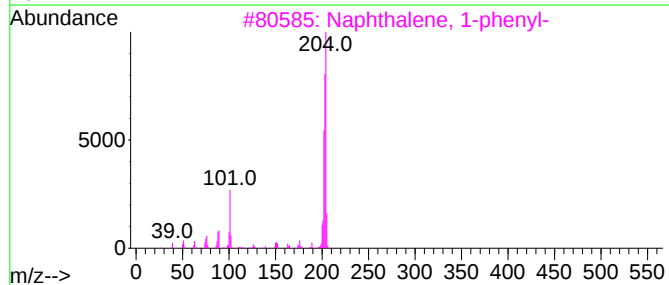
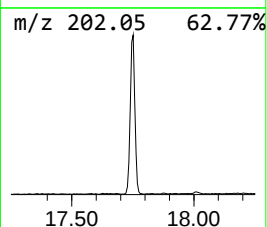
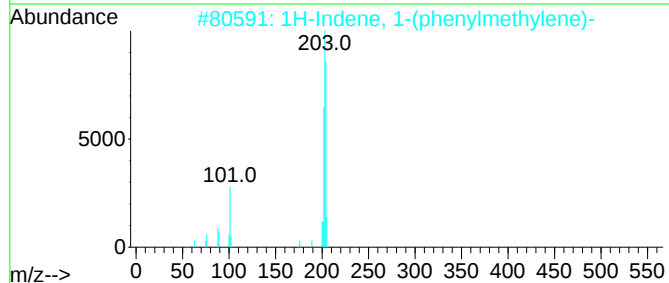
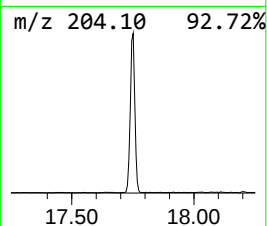
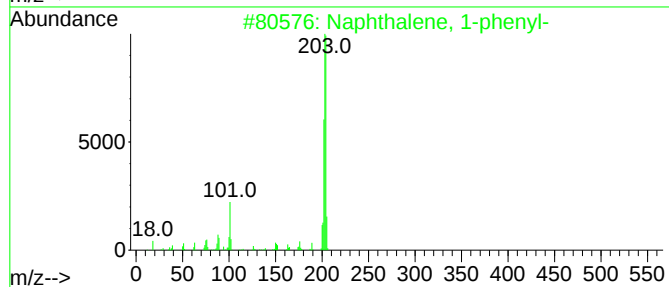
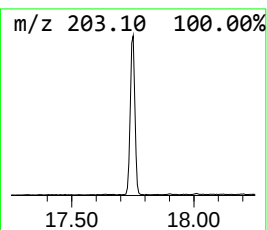
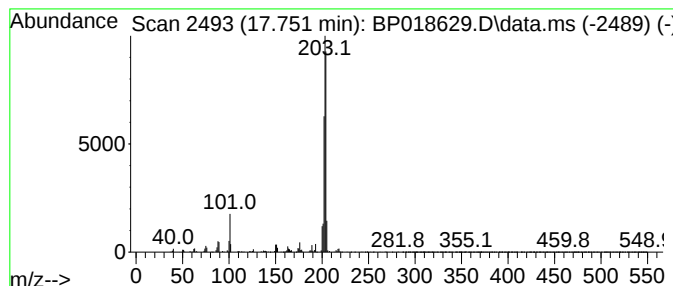
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Naphthalene, 1-phenyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.751	5.12 ng/ul	777722	Phenanthrene-d10	17.228

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	96
2			1H-Indene, 1-(phenylmethylene)-	204	C16H12	005394-86-5	93
3			Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	90
4			Anthracene, 9-ethenyl-	204	C16H12	002444-68-0	89
5			Cyclobuta[1'',2'':3,4:3'',4'':3'...	204	C16H12	006574-36-3	89



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120423\
Data File : BP018629.D
Acq On : 06 Dec 2023 10:06
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Misc :
ALS Vial : 66 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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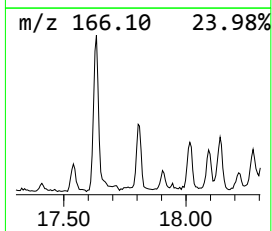
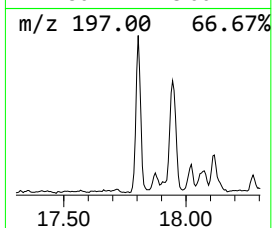
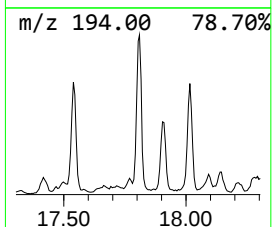
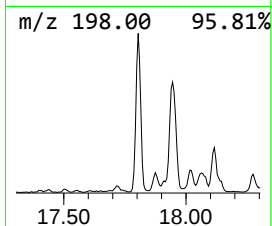
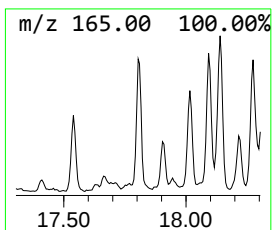
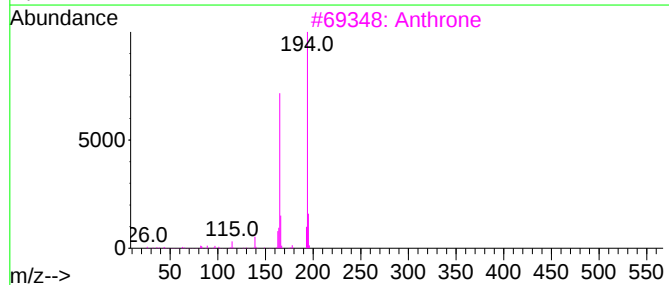
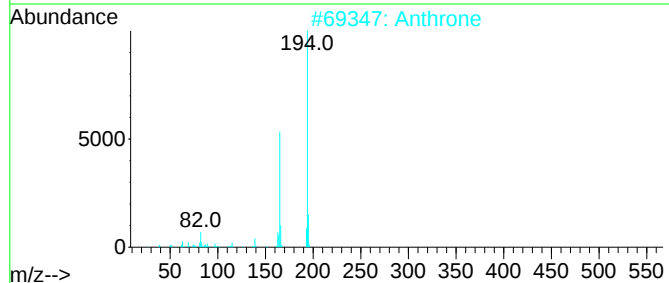
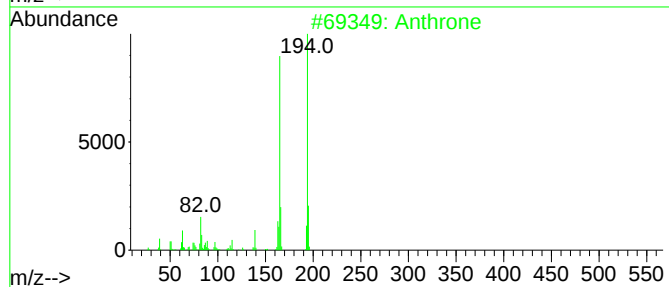
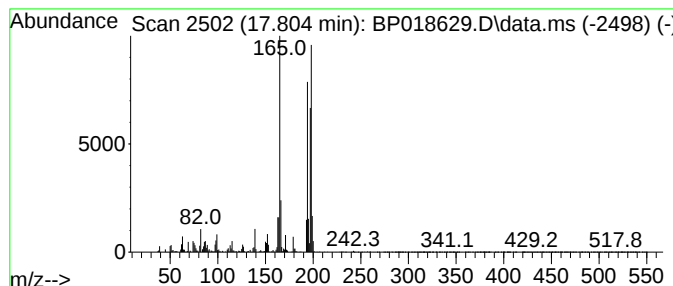
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 Anthrone Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.804	5.62 ng/ul	854633	Phenanthrene-d10	17.228

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthrone	194	C14H10O	000090-44-8	91
2			Anthrone	194	C14H10O	000090-44-8	78
3			Anthrone	194	C14H10O	000090-44-8	60
4			2-Methyldibenzothiophene	198	C13H10S	1000383-55-1	58
5			9-anthracenol	194	C14H10O	1000400-30-3	55



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120423\
Data File : BP018629.D
Acq On : 06 Dec 2023 10:06
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Sample : 05456-01
Misc :
ALS Vial : 66 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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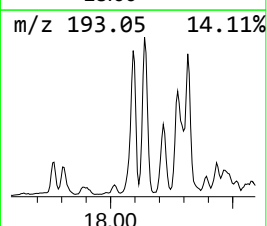
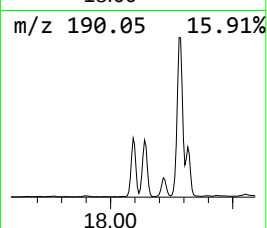
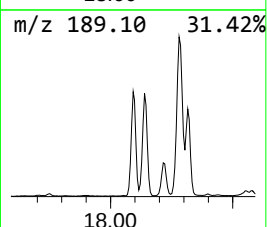
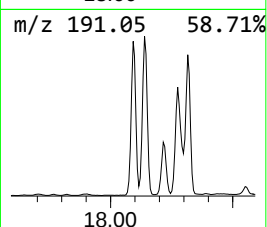
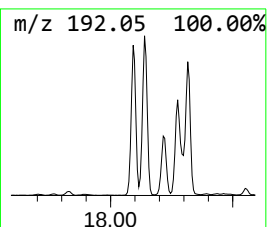
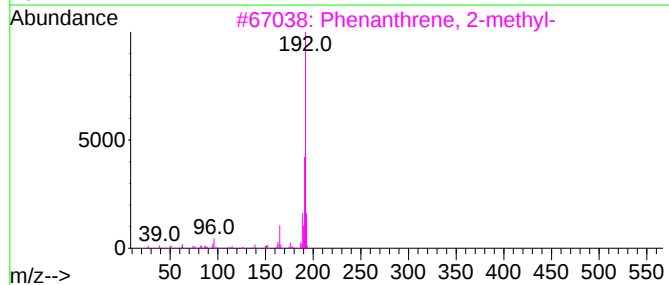
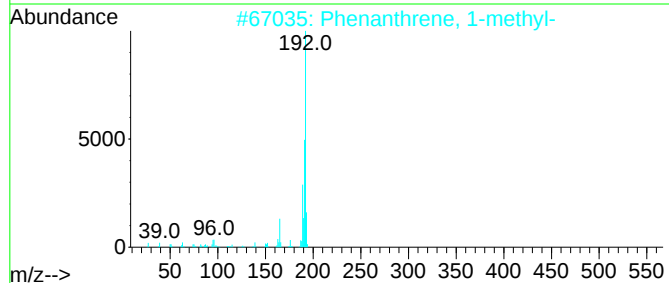
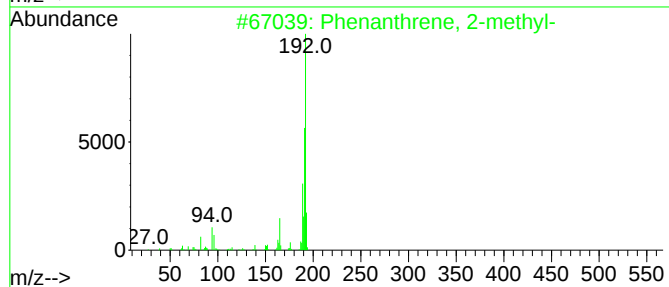
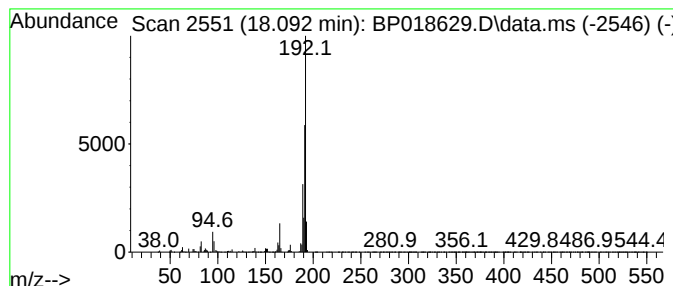
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 Phenanthrene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.092	17.82 ng/ul	2709510	Phenanthrene-d10	17.228

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
3			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
4			Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
5			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120423\
Data File : BP018629.D
Acq On : 06 Dec 2023 10:06
Operator : MA/JU
Sample : 05456-01
Misc :
ALS Vial : 66 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E05M4

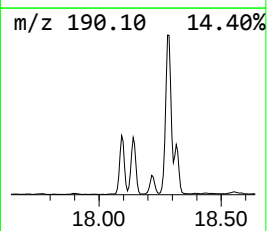
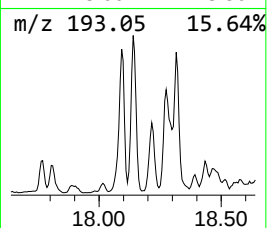
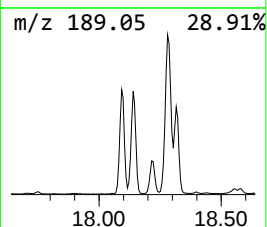
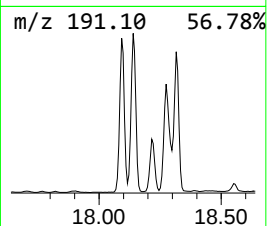
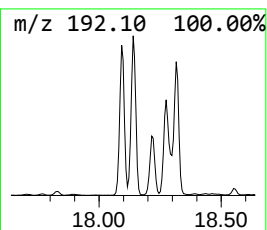
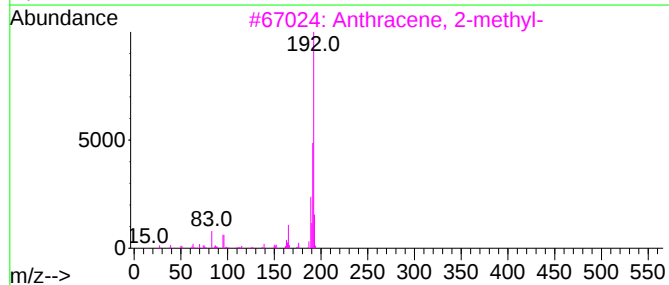
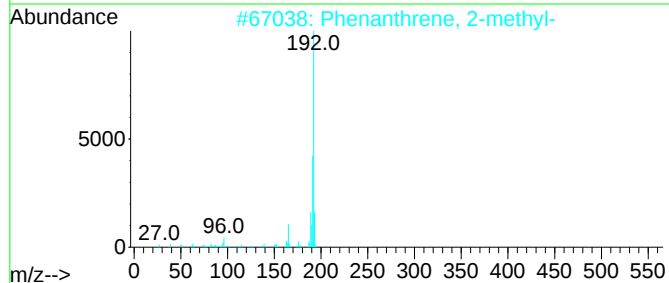
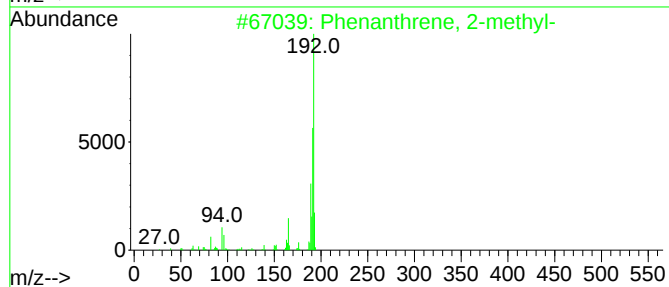
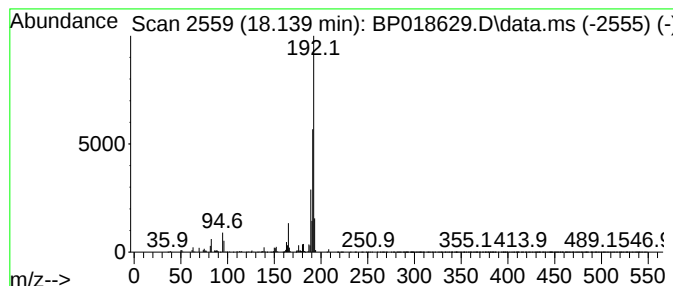
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 Anthracene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.139	21.42 ng/ul	3257130	Phenanthrene-d10	17.228

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3		Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
5		Anthracene, 9-methyl-	192	C15H12	000779-02-2	95



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120423\
Data File : BP018629.D
Acq On : 06 Dec 2023 10:06
Operator : MA/JU
Sample : 05456-01
Misc :
ALS Vial : 66 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E05M4

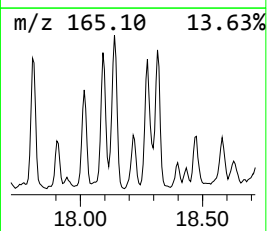
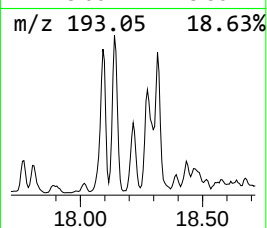
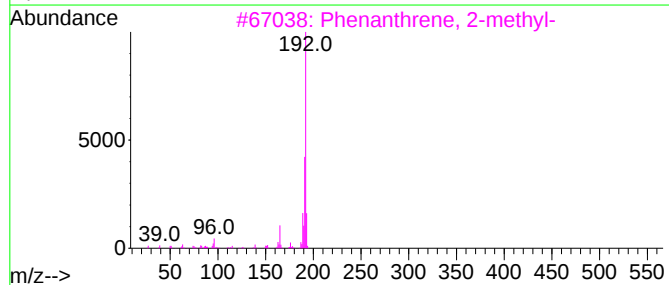
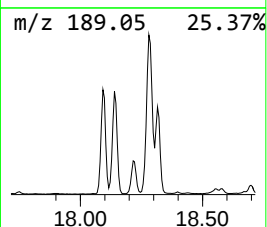
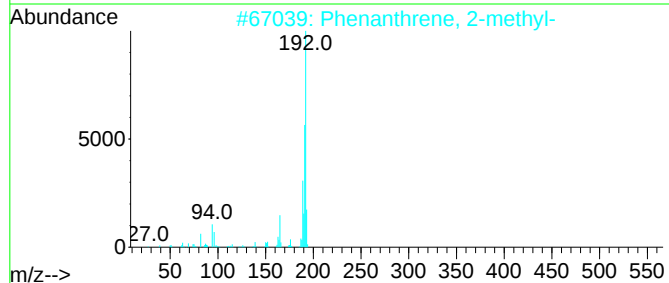
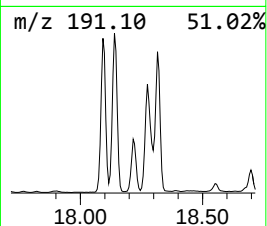
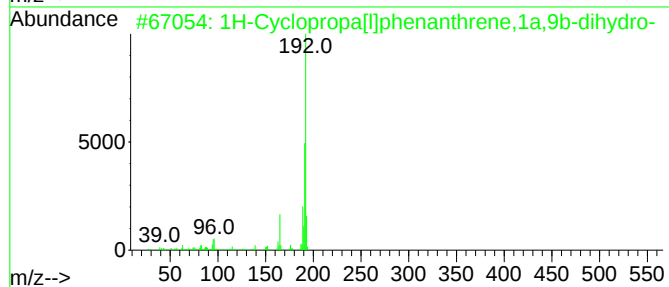
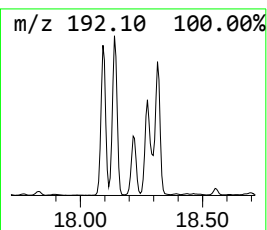
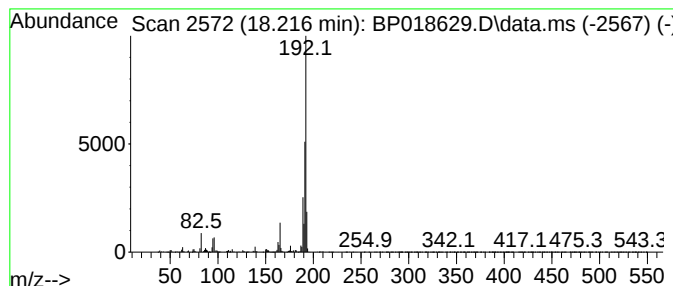
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 1H-Cyclopropa[l]phenanthren... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.216	6.69 ng/ul	1017280	Phenanthrene-d10	17.228

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	97
2			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
4			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
5			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120423\
Data File : BP018629.D
Acq On : 06 Dec 2023 10:06
Operator : MA/JU
Sample : 05456-01
Misc :
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Instrument :
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ClientSampleId :
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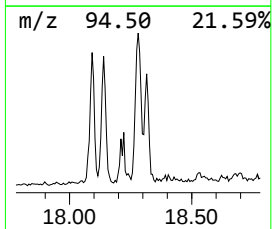
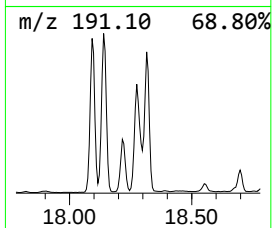
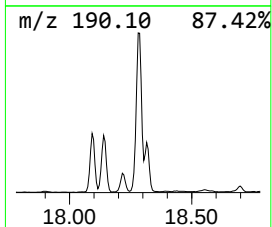
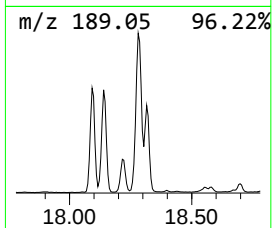
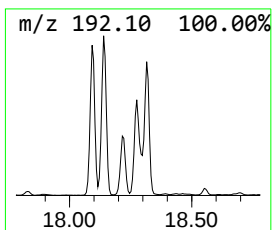
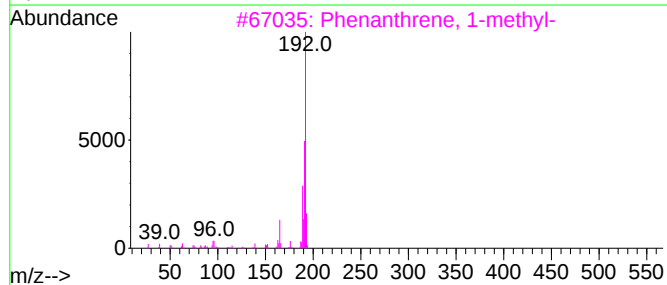
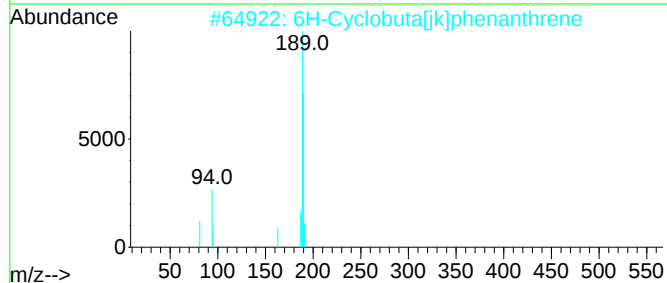
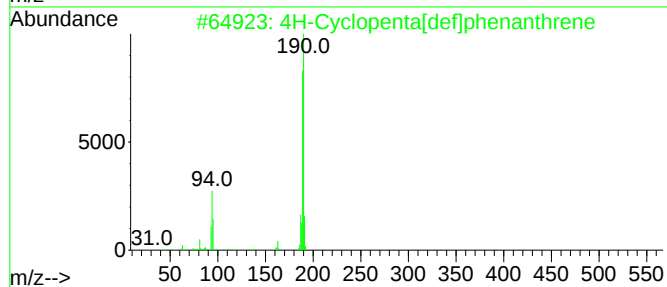
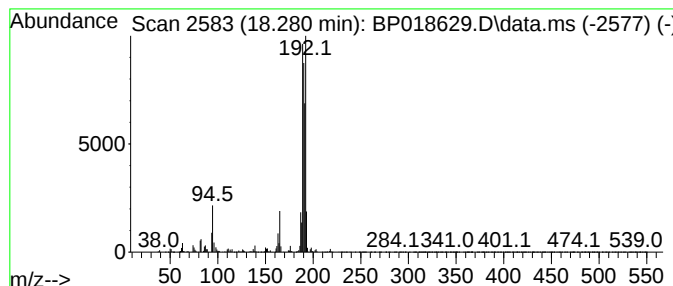
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 4H-Cyclopenta[def]phenanthrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.281	19.90 ng/ul	3024990	Phenanthrene-d10	17.228

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
2			6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	49
3			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	46
4			1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	46
5			Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	46



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120423\
Data File : BP018629.D
Acq On : 06 Dec 2023 10:06
Operator : MA/JU
Sample : 05456-01
Misc :
ALS Vial : 66 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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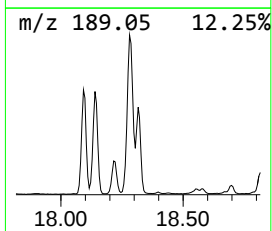
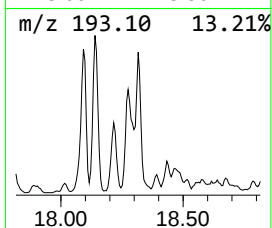
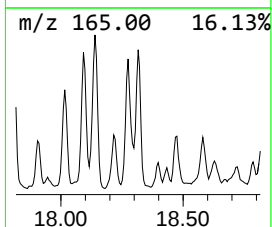
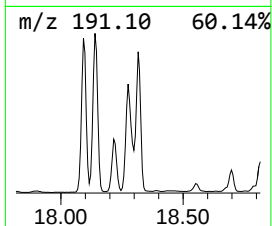
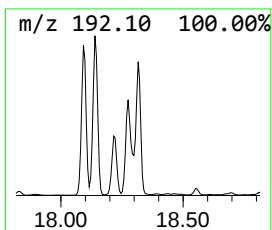
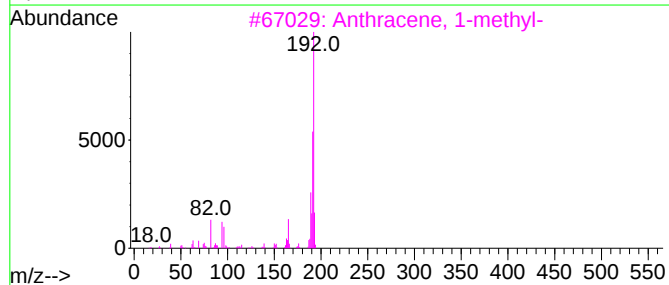
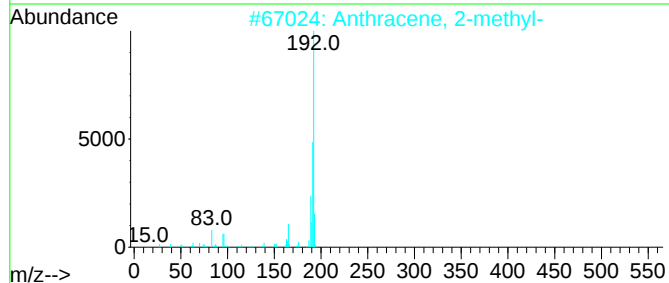
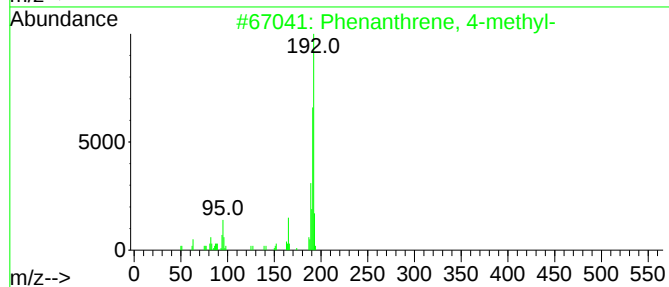
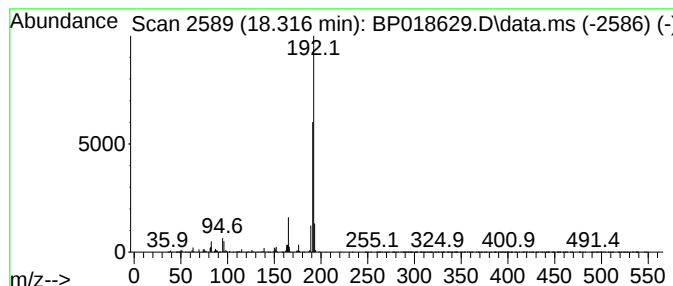
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 Phenanthrene, 4-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.316	14.84 ng/ul	2255660	Phenanthrene-d10	17.228

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	93
2			Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
3			Anthracene, 1-methyl-	192	C15H12	000610-48-0	87
4			Anthracene, 2-methyl-	192	C15H12	000613-12-7	87
5			Anthracene, 1-methyl-	192	C15H12	000610-48-0	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120423\
Data File : BP018629.D
Acq On : 06 Dec 2023 10:06
Operator : MA/JU
Sample : 05456-01
Misc :
ALS Vial : 66 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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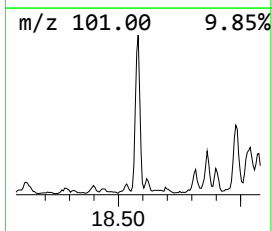
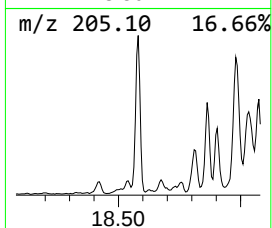
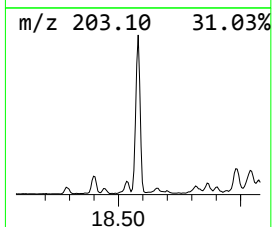
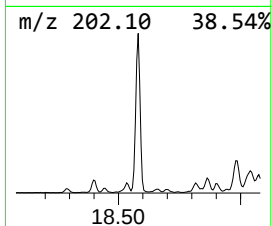
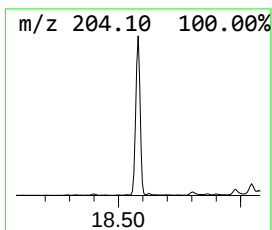
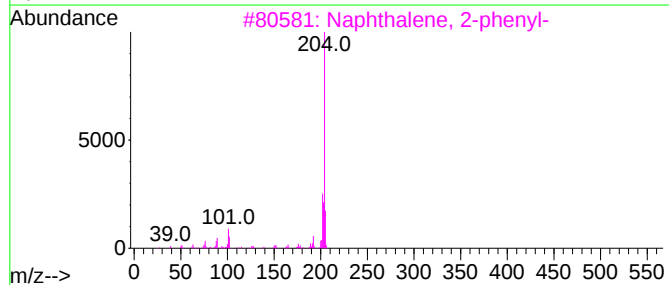
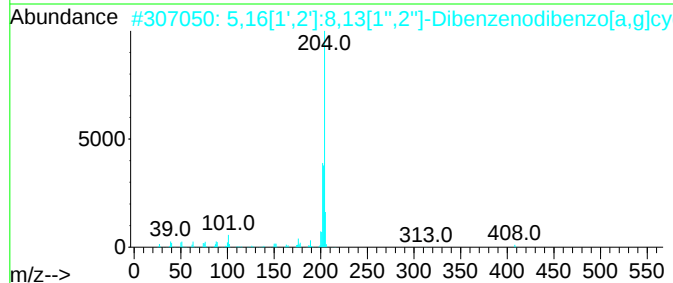
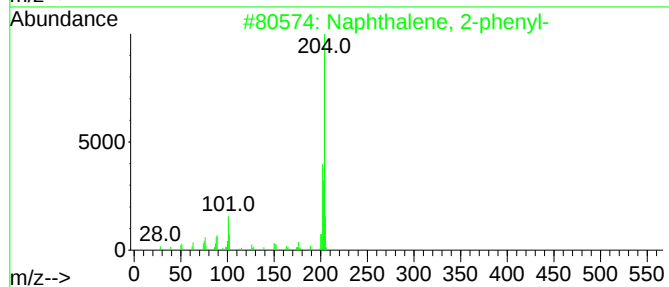
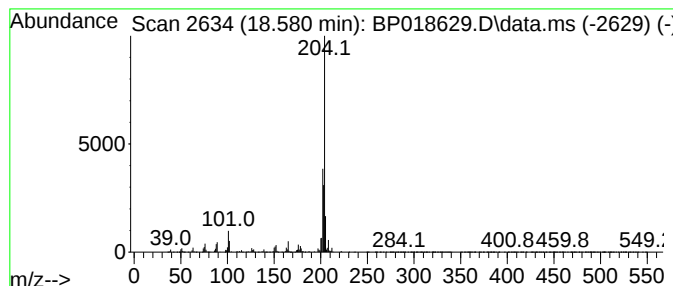
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 Naphthalene, 2-phenyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.581	12.66 ng/ul	1924280	Phenanthrene-d10	17.228

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	94
2			5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	91
3			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	83
4			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70
5			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120423\
Data File : BP018629.D
Acq On : 06 Dec 2023 10:06
Operator : MA/JU
Sample : 05456-01
Misc :
ALS Vial : 66 Sample Multiplier: 1

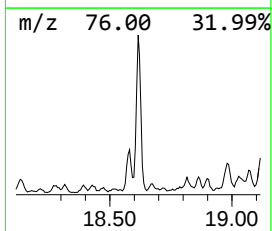
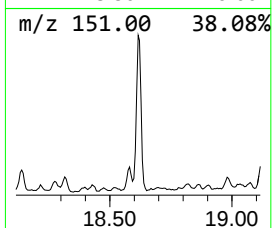
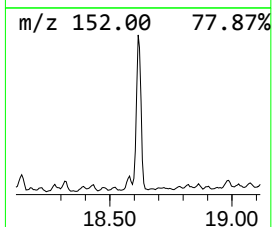
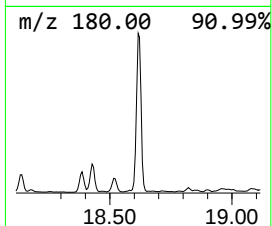
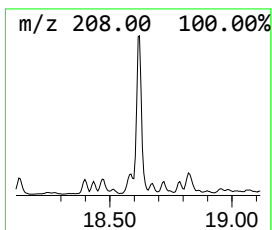
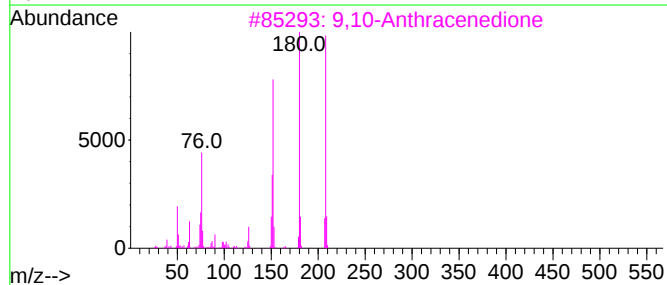
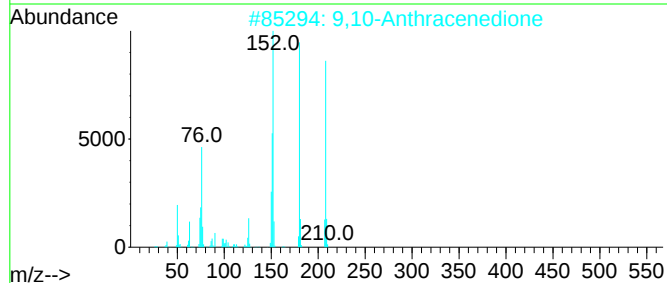
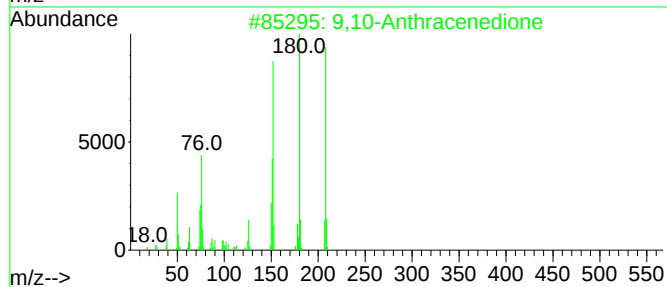
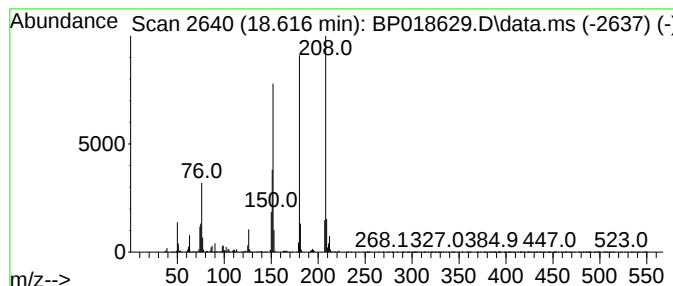
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 21 9,10-Anthracenedione Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD		R.T.	
18.616	12.18 ng/ul	1851200	Phenanthrene-d10		17.228	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione		208	C14H8O2	000084-65-1	98
2	9,10-Anthracenedione		208	C14H8O2	000084-65-1	98
3	9,10-Anthracenedione		208	C14H8O2	000084-65-1	96
4	9,10-Anthracenedione		208	C14H8O2	000084-65-1	94
5	Benzo[c]cinnoline		180	C12H8N2	000230-17-1	70



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120423\
Data File : BP018629.D
Acq On : 06 Dec 2023 10:06
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Sample : 05456-01
Misc :
ALS Vial : 66 Sample Multiplier: 1

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ClientSampleId :
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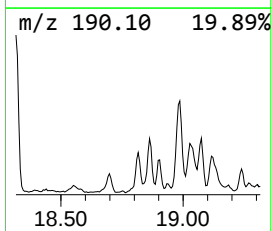
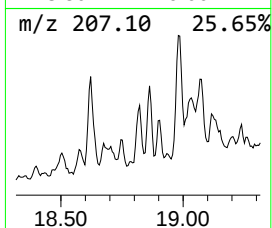
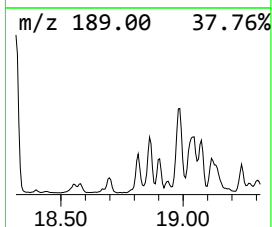
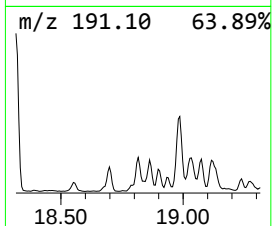
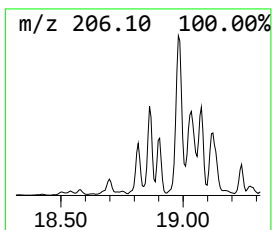
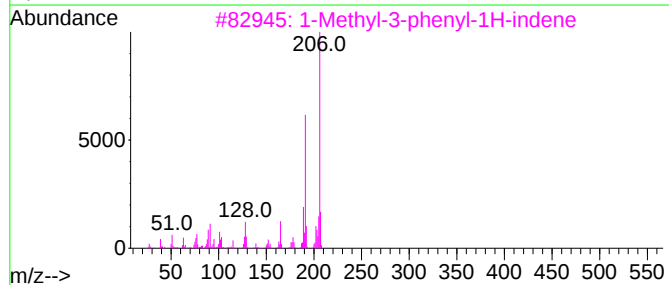
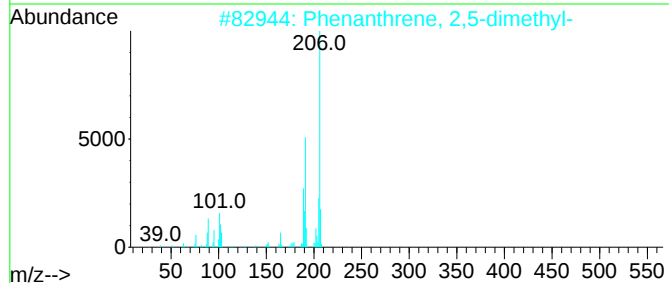
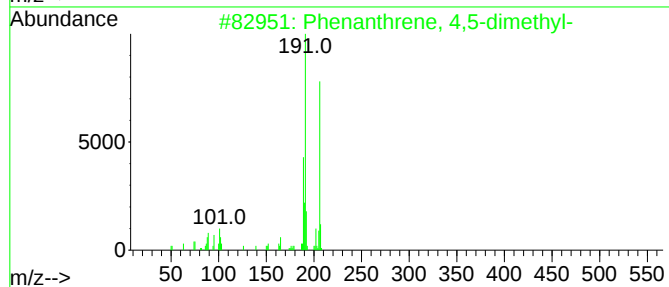
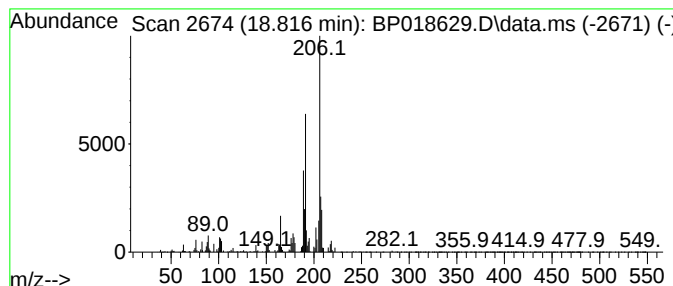
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 23 Phenanthrene, 4,5-dimethyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.816	4.60 ng/ul	698612	Phenanthrene-d10	17.228

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	76
2			Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	74
3			1-Methyl-3-phenyl-1H-indene	206	C16H14	022360-62-9	70
4			3-Methyl-1-phenyl-1H-indene	206	C16H14	022360-63-0	70
5			Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120423\
Data File : BP018629.D
Acq On : 06 Dec 2023 10:06
Operator : MA/JU
Sample : 05456-01
Misc :
ALS Vial : 66 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E05M4

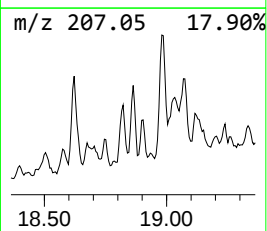
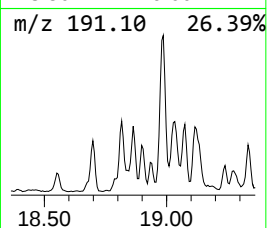
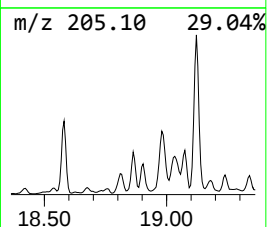
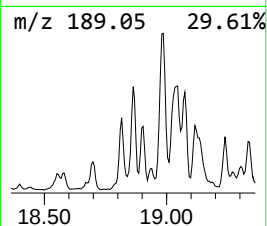
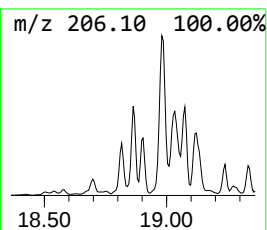
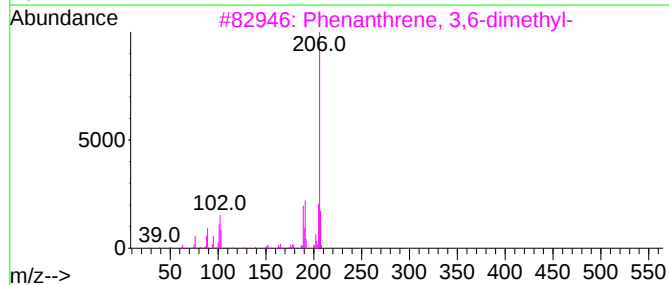
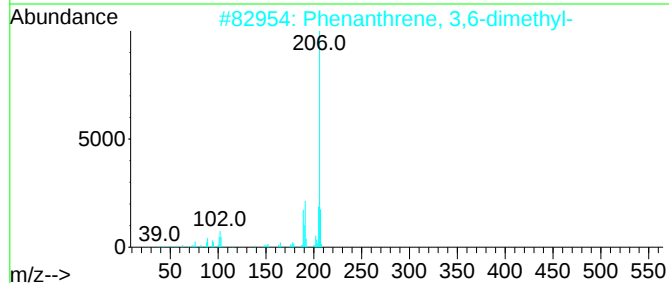
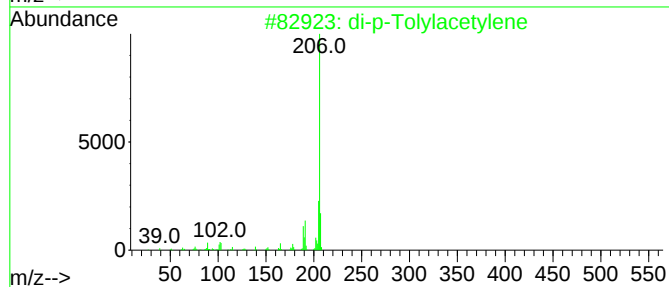
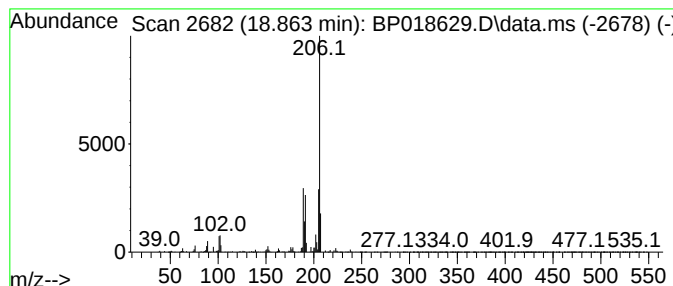
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 24 di-p-Tolylacetylene Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.863	4.75 ng/ul	721509	Phenanthrene-d10	17.228

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			di-p-Tolylacetylene	206	C16H14	002789-88-0	93
2			Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91
3			Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90
4			Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	87
5			Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120423\
Data File : BP018629.D
Acq On : 06 Dec 2023 10:06
Operator : MA/JU
Sample : 05456-01
Misc :
ALS Vial : 66 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E05M4

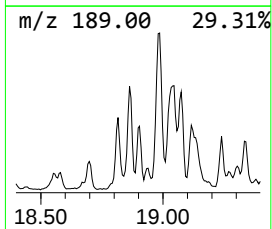
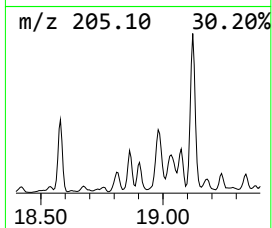
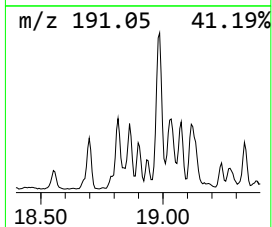
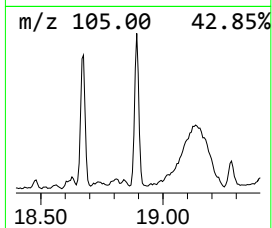
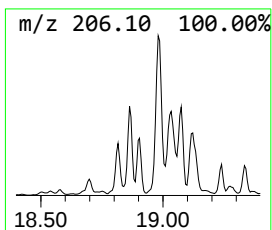
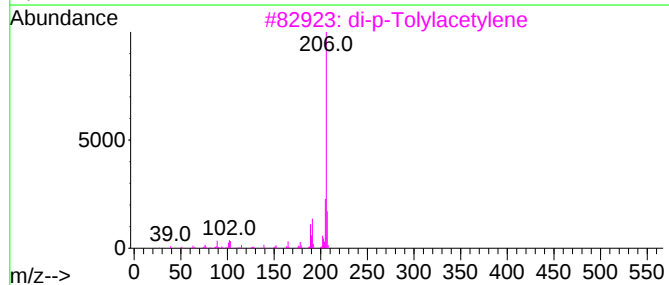
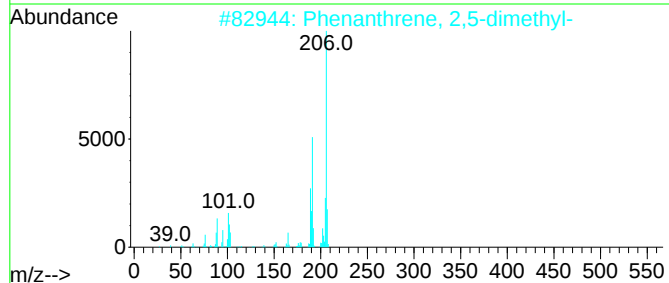
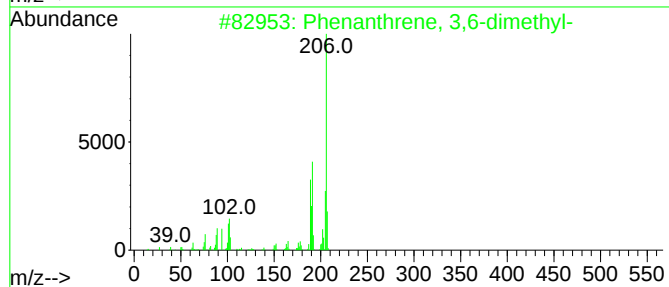
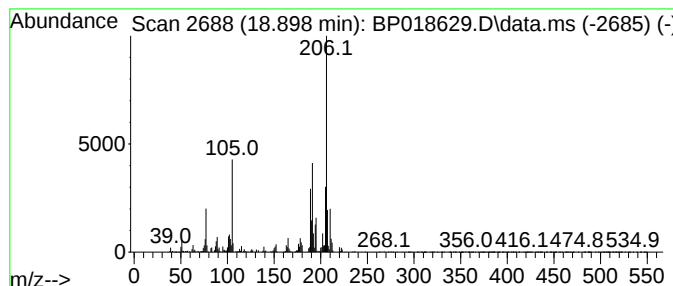
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 25 Phenanthrene, 3,6-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.898	4.82 ng/ul	733137	Phenanthrene-d10	17.228

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90
2			Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	90
3			di-p-Tolylacetylene	206	C16H14	002789-88-0	89
4			9,10-Dimethylantracene	206	C16H14	000781-43-1	89
5			Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120423\
Data File : BP018629.D
Acq On : 06 Dec 2023 10:06
Operator : MA/JU
Sample : 05456-01
Misc :
ALS Vial : 66 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E05M4

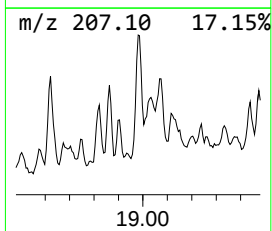
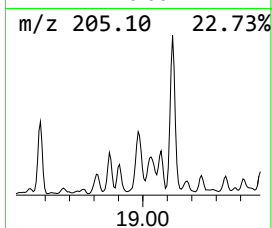
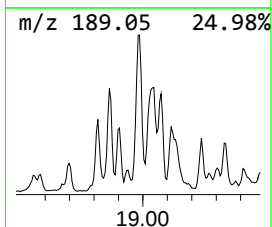
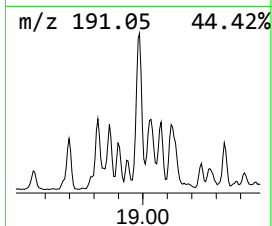
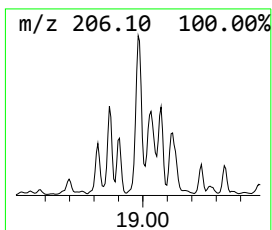
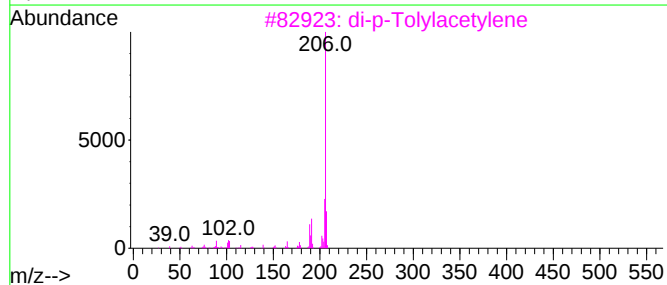
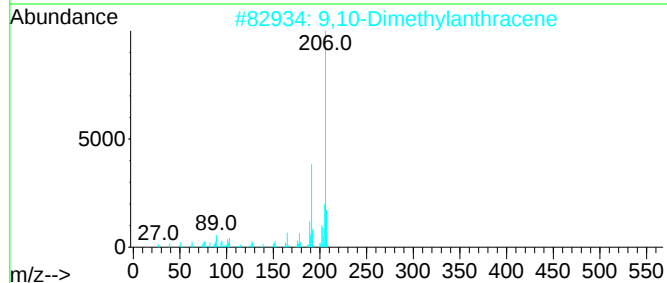
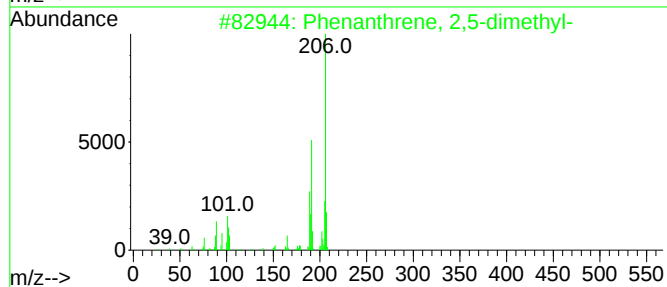
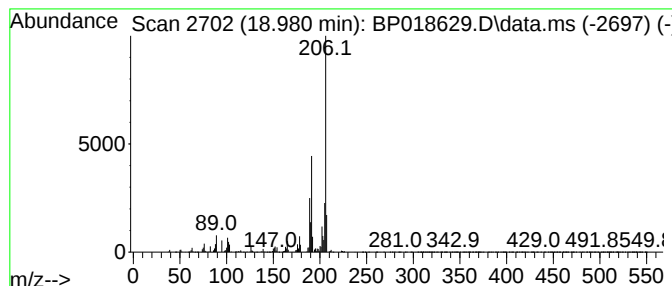
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 26 Phenanthrene, 2,5-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.980	12.12 ng/ul	1843230	Phenanthrene-d10	17.228

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	97
2			9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
3			di-p-Tolylacetylene	206	C16H14	002789-88-0	91
4			Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90
5			Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120423\
Data File : BP018629.D
Acq On : 06 Dec 2023 10:06
Operator : MA/JU
Sample : 05456-01
Misc :
ALS Vial : 66 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E05M4

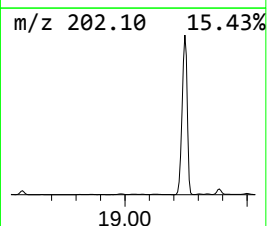
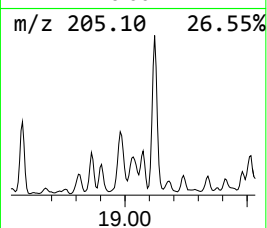
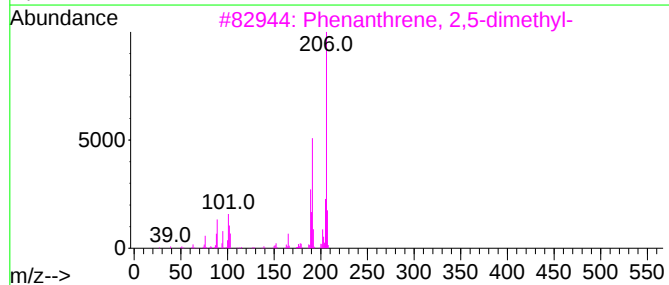
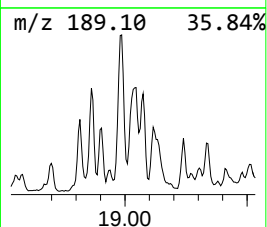
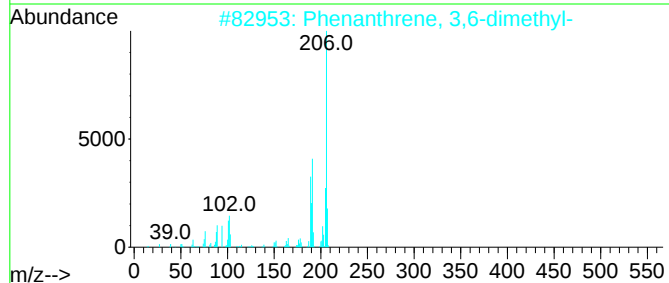
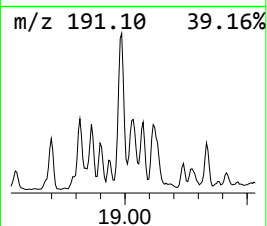
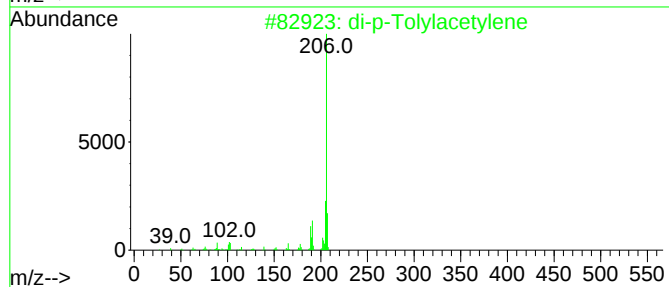
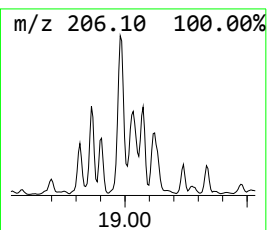
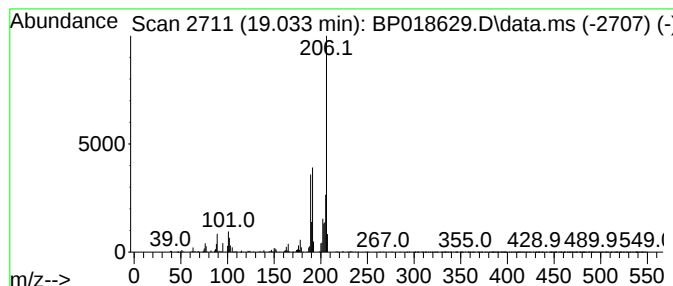
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 27 9,10-Dimethylantracene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.033	5.51 ng/ul	838231	Phenanthrene-d10	17.228

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			di-p-Tolylacetylene	206	C16H14	002789-88-0	90
2			Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	87
3			Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	81
4			9,10-Dimethylantracene	206	C16H14	000781-43-1	81
5			Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	74



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120423\
Data File : BP018629.D
Acq On : 06 Dec 2023 10:06
Operator : MA/JU
Sample : 05456-01
Misc :
ALS Vial : 66 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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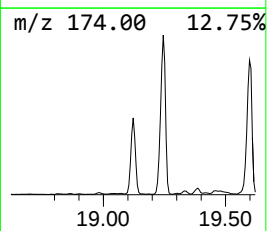
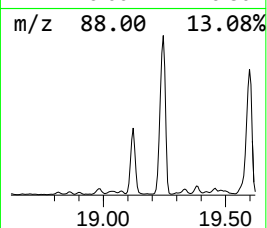
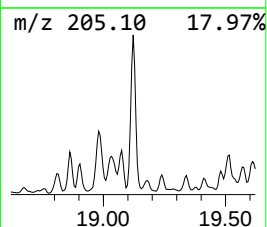
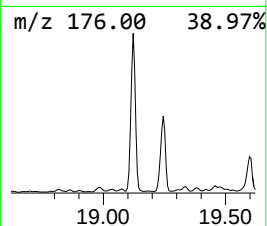
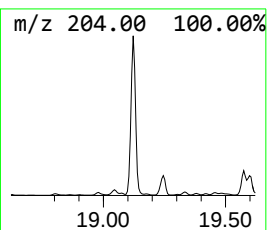
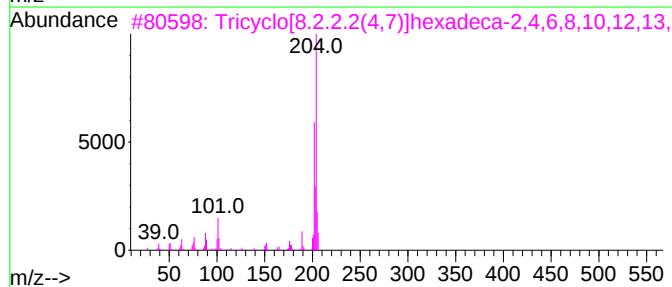
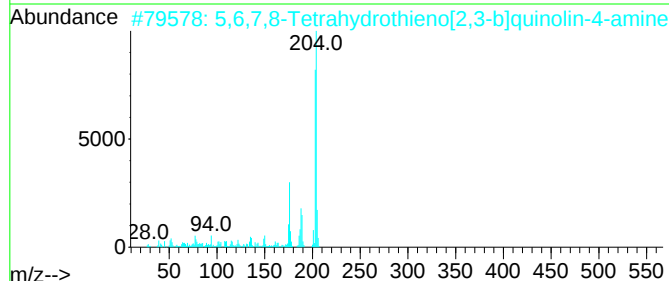
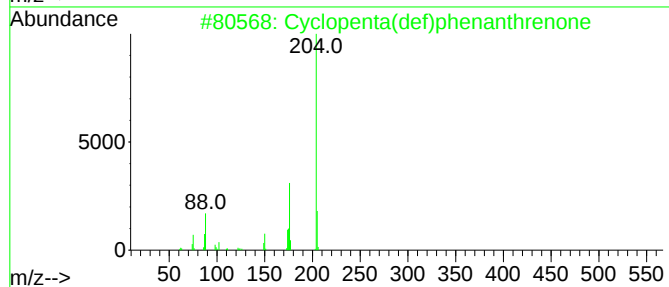
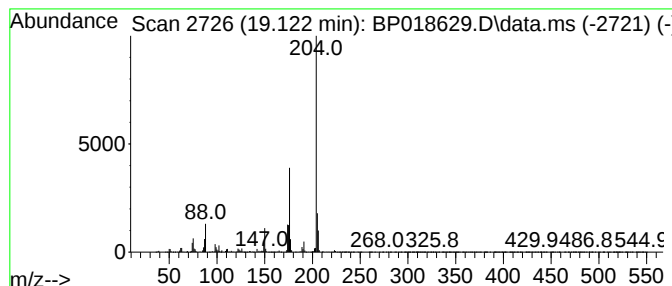
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 29 Cyclopenta(def)phenanthrenone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.122	31.19 ng/ul	4741270	Phenanthrene-d10	17.228

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	94
2			5,6,7,8-Tetrahydrothieno[2,3-b]q...	204	C11H12N2S	122914-50-5	64
3			Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	46
4			Dihydrofuranno(3,2-H)homochromanone	204	C12H12O3	057052-85-4	43
5			4(equat)-(but-3-en-1-ynyl)-2(axi...	219	C14H21NO	038423-22-2	42



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120423\
Data File : BP018629.D
Acq On : 06 Dec 2023 10:06
Operator : MA/JU
Sample : 05456-01
Misc :
ALS Vial : 66 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E05M4

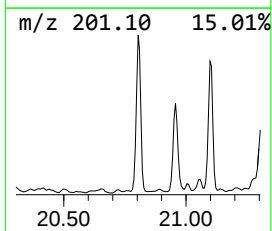
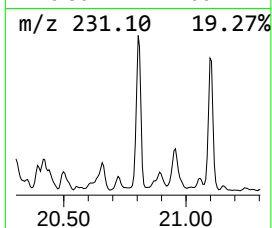
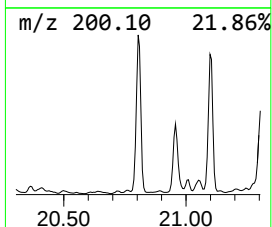
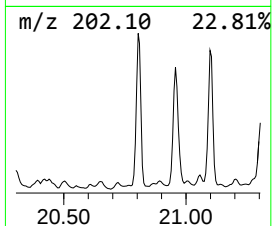
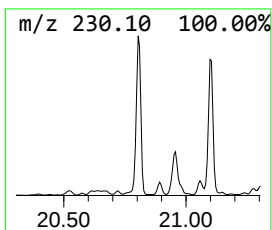
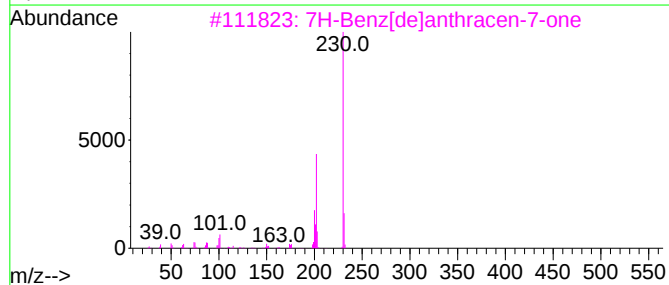
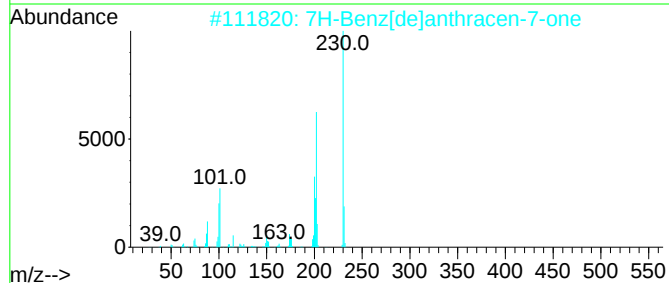
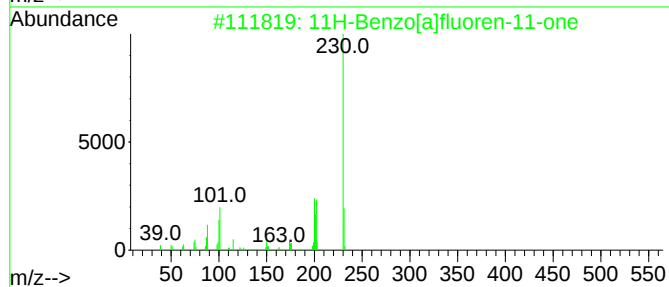
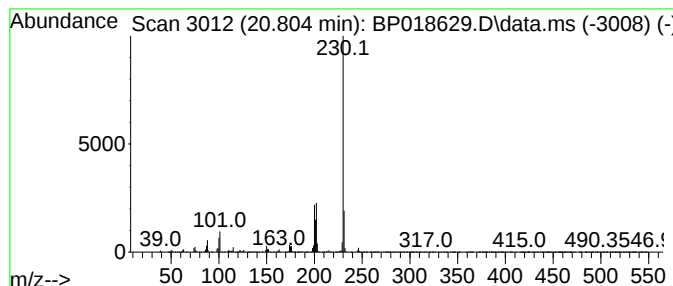
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 33 11H-Benzo[a]fluoren-11-one Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.804	4.94 ng/ul	7191310	Chrysene-d12	21.322

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	97
2			7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
3			7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
4			7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
5			6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	89



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120423\
Data File : BP018629.D
Acq On : 06 Dec 2023 10:06
Operator : MA/JU
Sample : 05456-01
Misc :
ALS Vial : 66 Sample Multiplier: 1

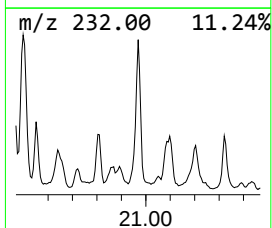
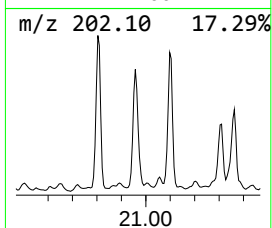
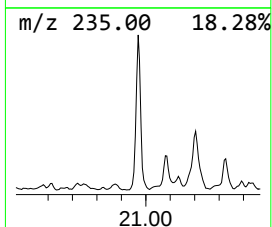
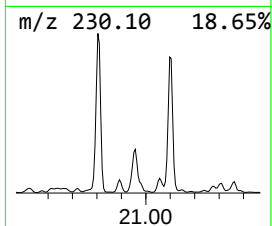
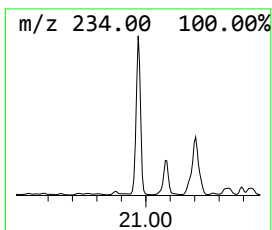
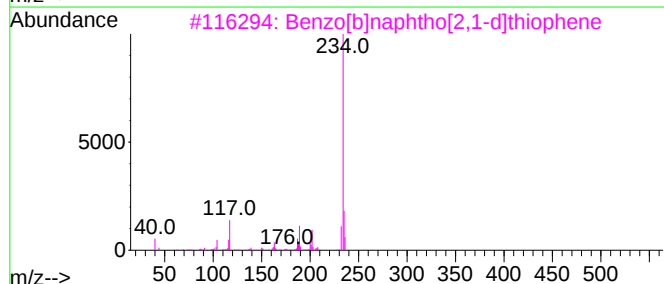
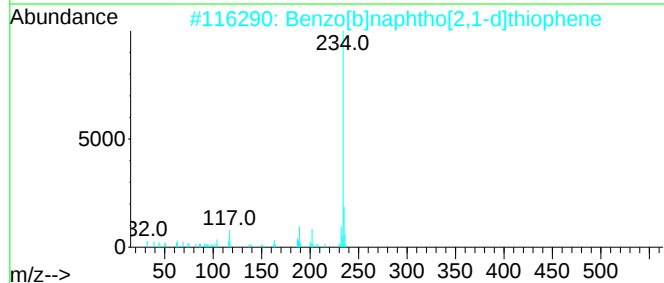
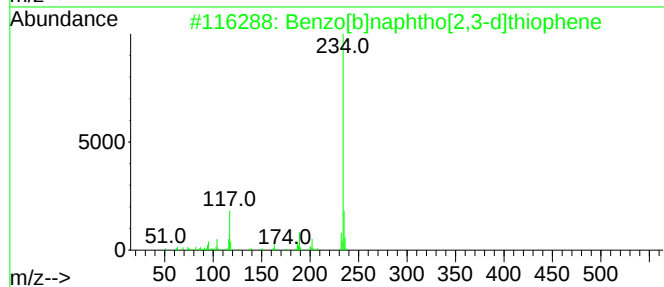
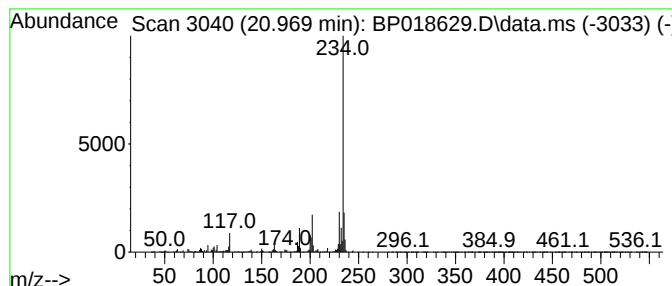
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BNA_P
ClientSampleId :
E05M4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 34 Benzo[b]naphtho[2,3-d]thiop... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.	
20.969	4.30 ng/ul	6260610	Chrysene-d12	21.322	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	90
2	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	87
3	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	86
4	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	81
5	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	81



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120423\
Data File : BP018629.D
Acq On : 06 Dec 2023 10:06
Operator : MA/JU
Sample : 05456-01
Misc :
ALS Vial : 66 Sample Multiplier: 1

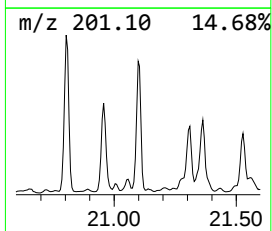
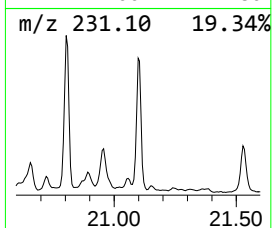
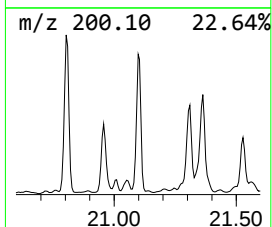
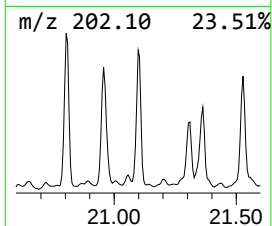
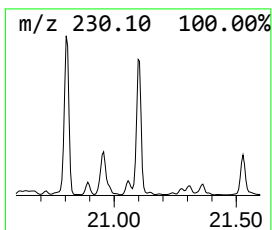
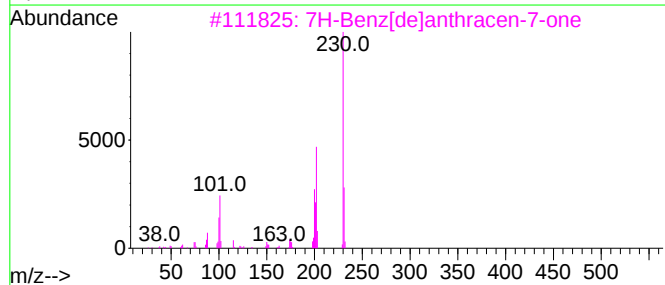
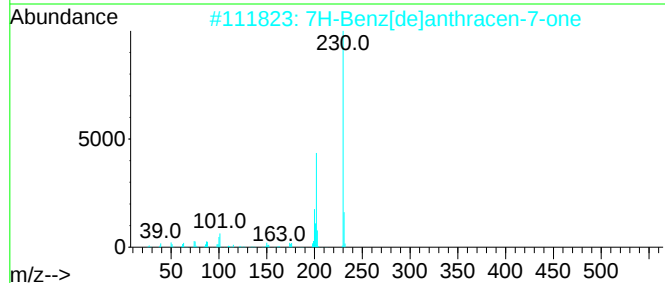
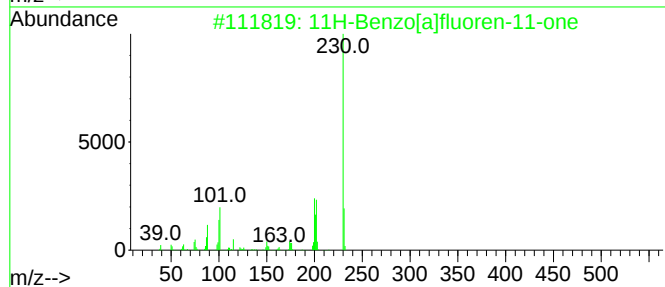
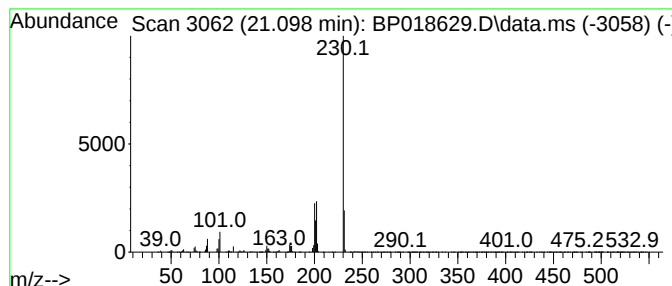
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 37 7H-Benz[de]anthracen-7-one Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.	
21.098	4.45 ng/ul	6480760	Chrysene-d12	21.322	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	93
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	87
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	87
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	87
5	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120423\
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Operator : MA/JU
Sample : 05456-01
Misc :
ALS Vial : 66 Sample Multiplier: 1

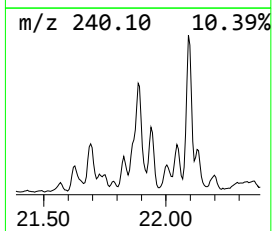
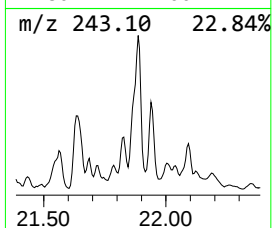
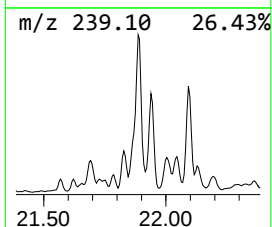
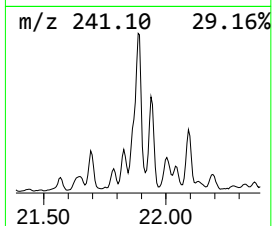
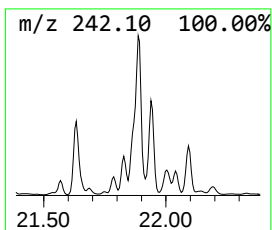
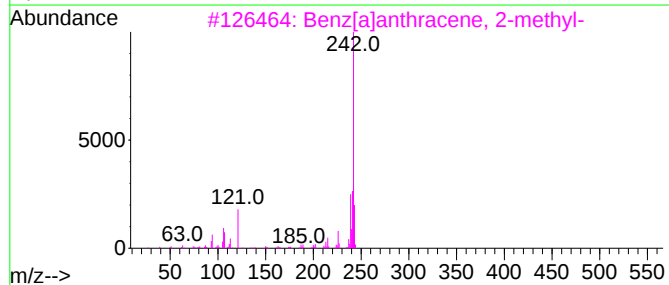
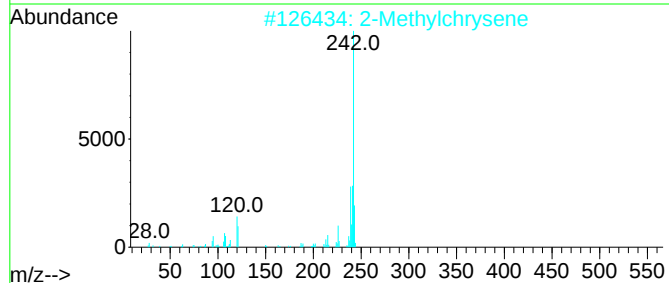
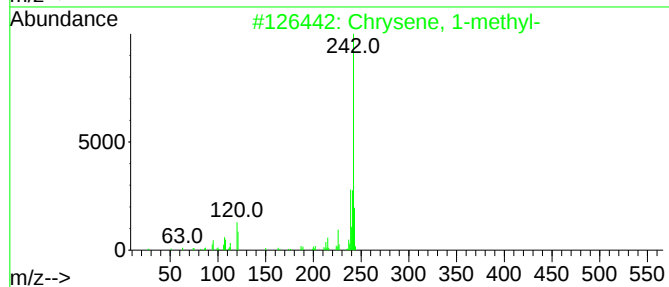
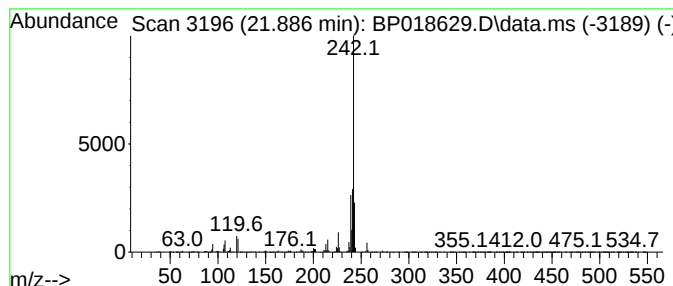
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 39 Chrysene, 1-methyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.	
21.886	3.87 ng/ul	5637810	Chrysene-d12	21.322	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Chrysene, 1-methyl-	242	C19H14	003351-28-8	96
2	2-Methylchrysene	242	C19H14	003351-32-4	93
3	Benz[a]anthracene, 2-methyl-	242	C19H14	002498-76-2	93
4	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	93
5	Benz[a]anthracene, 8-methyl-	242	C19H14	002381-31-9	92



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120423\
Data File : BP018629.D
Acq On : 06 Dec 2023 10:06
Operator : MA/JU
Sample : 05456-01
Misc :
ALS Vial : 66 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E05M4

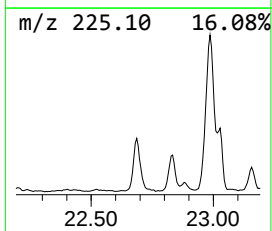
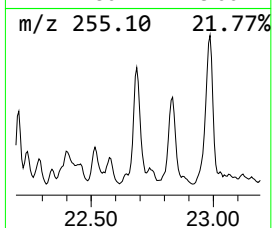
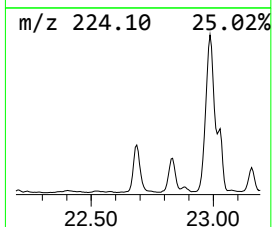
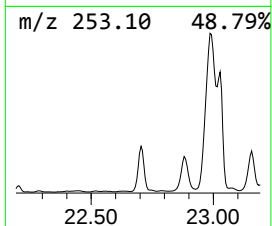
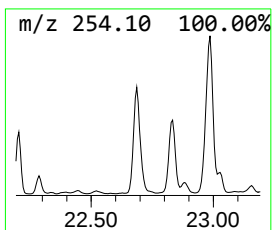
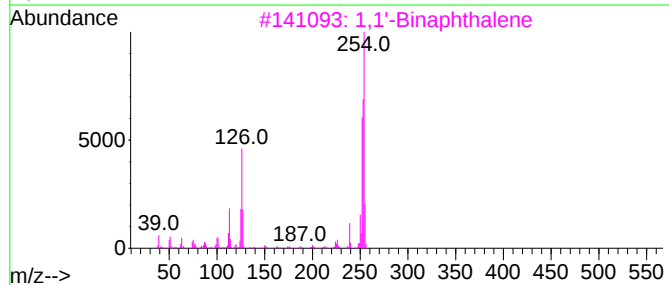
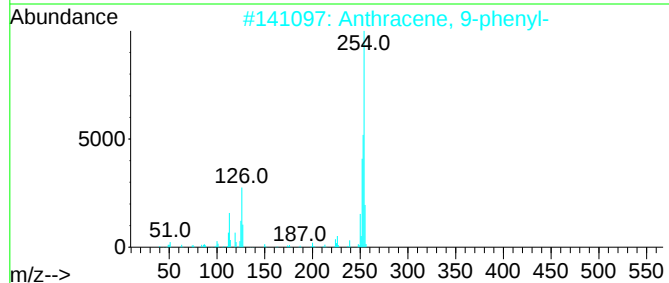
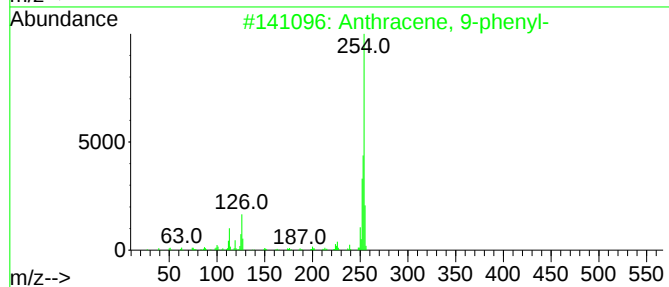
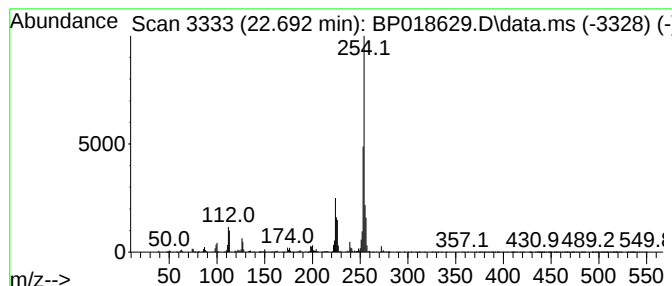
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 41 Anthracene, 9-phenyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.692	28.86 ng/ul	4206720	Perylene-d12	23.698

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene, 9-phenyl-	254	C20H14	000602-55-1	64
2			Anthracene, 9-phenyl-	254	C20H14	000602-55-1	64
3			1,1'-Binaphthalene	254	C20H14	000604-53-5	62
4			Benzo(a)pyrene, 7,8-dihydro-	254	C20H14	017573-23-8	53
5			1,1'-Binaphthalene	254	C20H14	000604-53-5	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120423\
Data File : BP018629.D
Acq On : 06 Dec 2023 10:06
Operator : MA/JU
Sample : 05456-01
Misc :
ALS Vial : 66 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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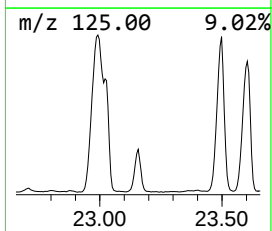
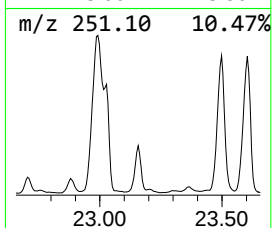
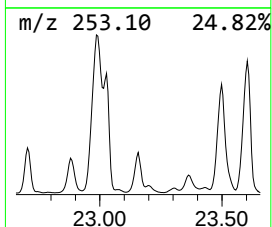
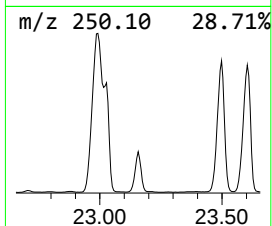
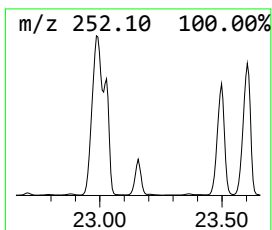
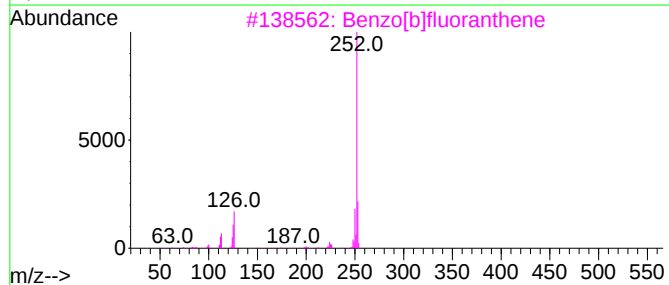
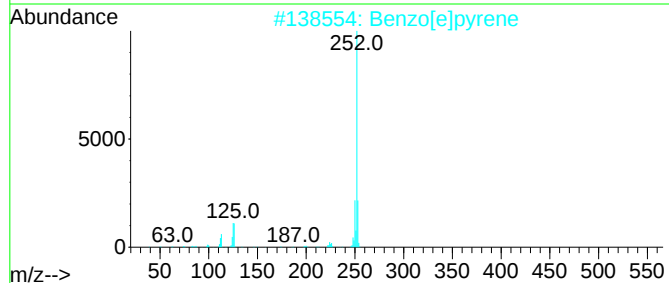
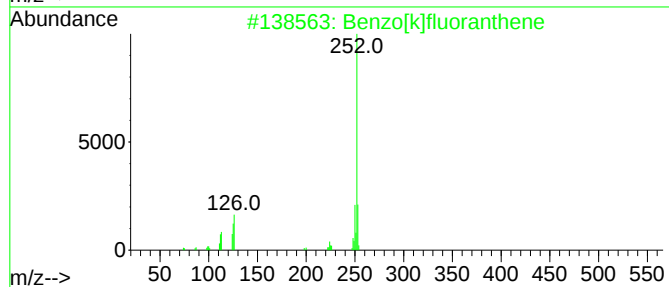
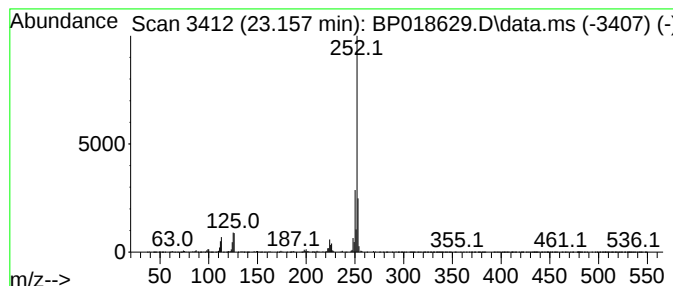
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 42 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.157	27.96 ng/ul	4075520	Perylene-d12	23.698

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
2			Benzo[e]pyrene	252	C20H12	000192-97-2	96
3			Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
4			Benzo[a]pyrene	252	C20H12	000050-32-8	91
5			Benzo[j]fluoranthene	252	C20H12	000205-82-3	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120423\
Data File : BP018629.D
Acq On : 06 Dec 2023 10:06
Operator : MA/JU
Sample : 05456-01
Misc :
ALS Vial : 66 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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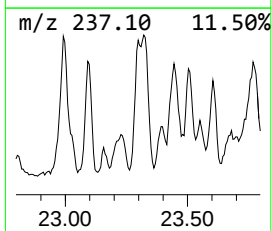
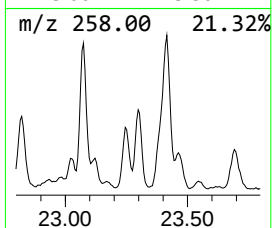
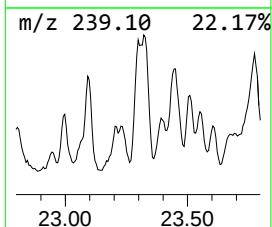
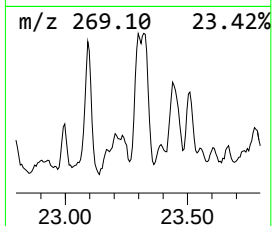
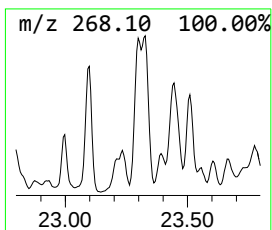
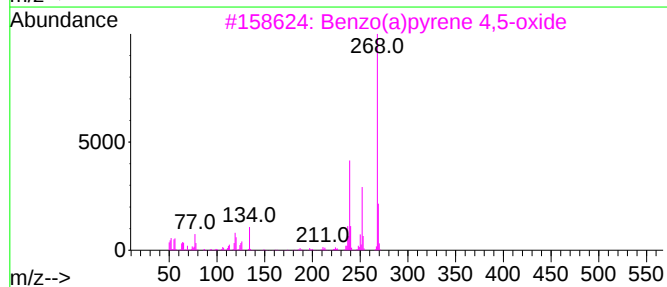
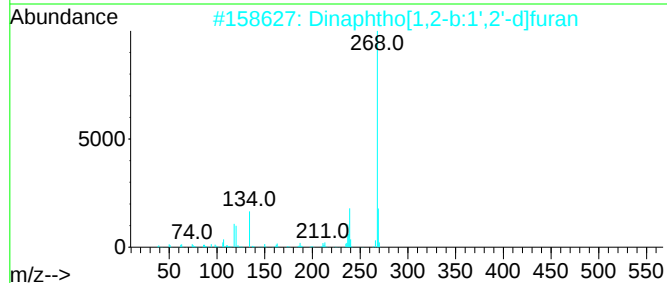
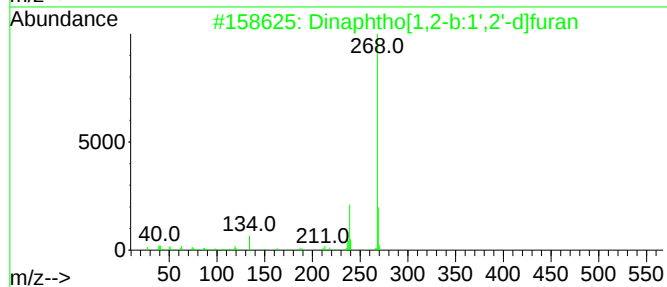
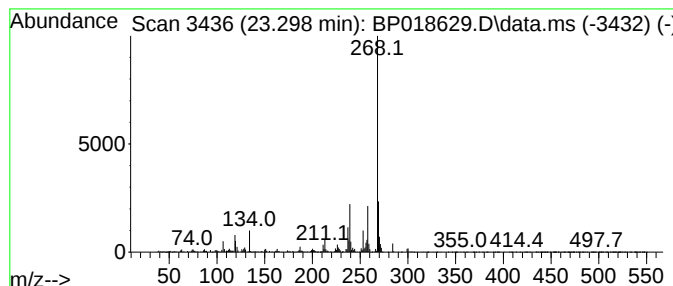
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 43 Dinaphtho[1,2-b:1',2'-d]furan Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.298	20.08 ng/ul	2927300	Perylene-d12	23.698

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dinaphtho[1,2-b:1',2'-d]furan	268	C20H12O	000207-93-2	81
2			Dinaphtho[1,2-b:1',2'-d]furan	268	C20H12O	000207-93-2	68
3			Benzo(a)pyrene 4,5-oxide	268	C20H12O	037574-47-3	64
4			Dinaphtho[2,1-b:1',2'-d]furan	268	C20H12O	000194-63-8	64
5			(2E)-1,3-Bis(3-hydroxyphenyl)-2-...	268	C17H16O3	1000504-86-0	60



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120423\
Data File : BP018629.D
Acq On : 06 Dec 2023 10:06
Operator : MA/JU
Sample : 05456-01
Misc :
ALS Vial : 66 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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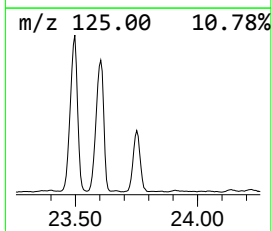
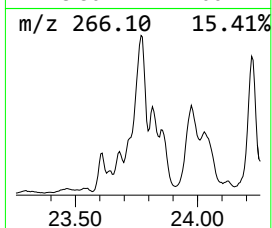
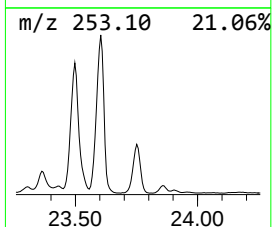
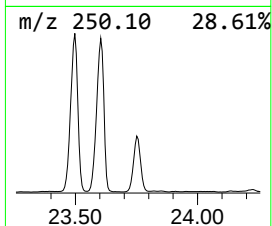
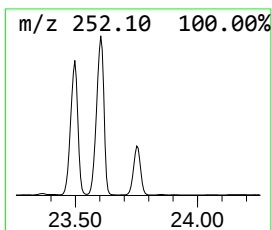
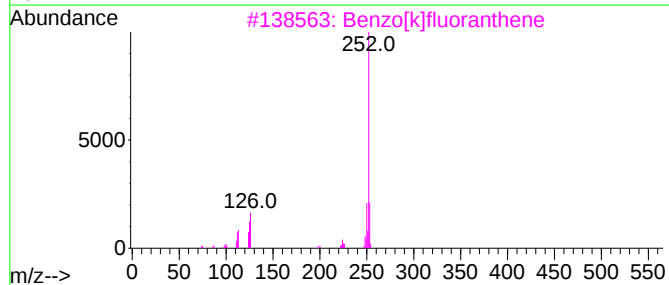
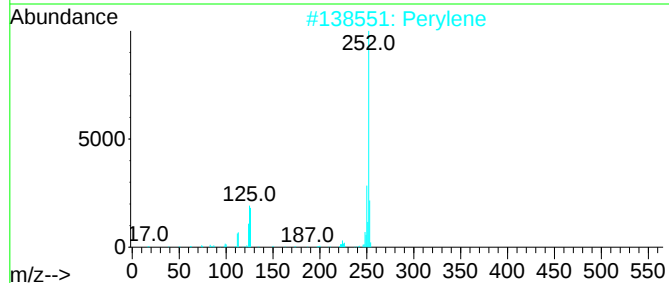
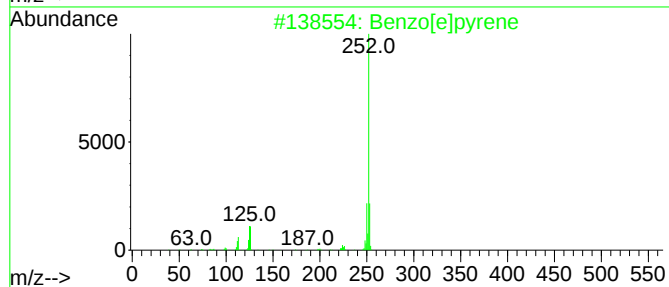
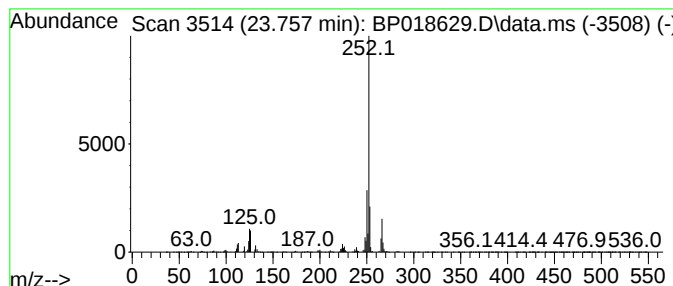
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 44 Perylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.757	55.49 ng/ul	8090010	Perylene-d12	23.698

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	96
2			Perylene	252	C20H12	000198-55-0	96
3			Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
4			Benzo[b]fluoranthene	252	C20H12	000205-99-2	95
5			Benzo[j]fluoranthene	252	C20H12	000205-82-3	95



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120423\
Data File : BP018629.D
Acq On : 06 Dec 2023 10:06
Operator : MA/JU
Sample : 05456-01
Misc :
ALS Vial : 66 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E05M4

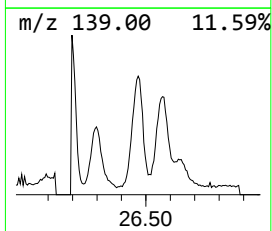
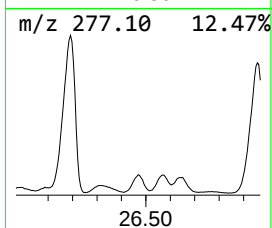
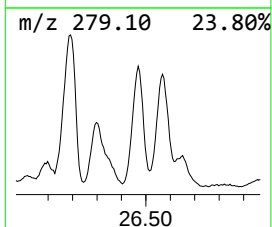
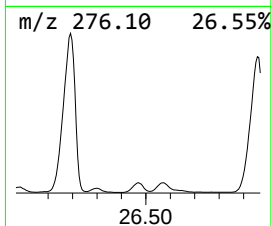
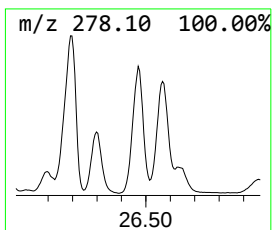
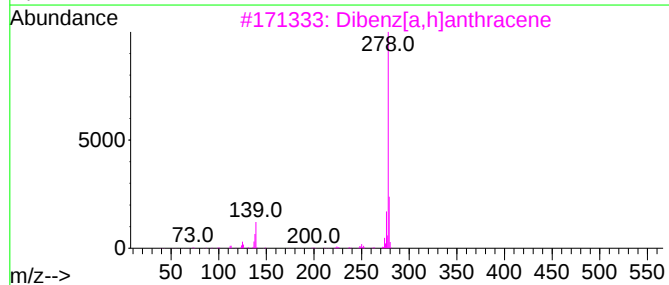
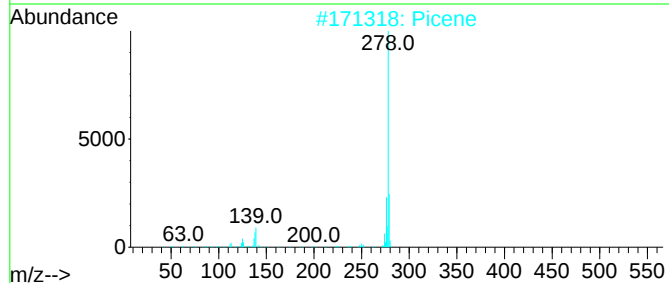
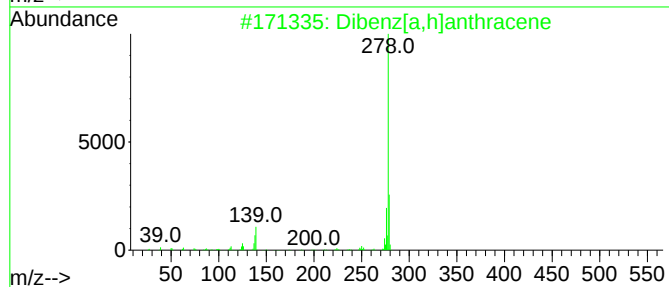
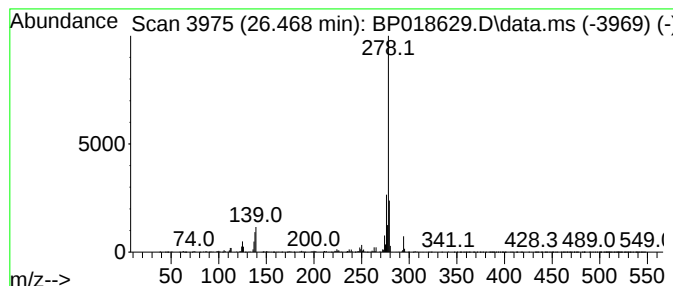
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 45 Picene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.468	22.85 ng/ul	3331500	Perylene-d12	23.698

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Dibenz[a,h]anthracene	278	C22H14	000053-70-3	98
2		Picene	278	C22H14	000213-46-7	98
3		Dibenz[a,h]anthracene	278	C22H14	000053-70-3	98
4		Benzo[b]chrysene	278	C22H14	000214-17-5	97
5		Benzo[b]triphenylene	278	C22H14	000215-58-7	96



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120423\
 Data File : BP018629.D
 Acq On : 06 Dec 2023 10:06
 Operator : MA/JU
 Sample : 05456-01
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 E05M4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
 Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST0.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Benzoic acid	9.916	4.6	ng/ul	595177	2	10.646	2585320	20.0
Dibenzofuran, 4...	15.963	4.0	ng/ul	615757	4	17.228	3040640	20.0
1(2H)-Acenaphth...	16.198	3.8	ng/ul	573364	4	17.228	3040640	20.0
9H-Fluoren-9-one	16.881	9.1	ng/ul	1376210	4	17.228	3040640	20.0
3'-Methyl-[1,1'...	16.957	4.1	ng/ul	619377	4	17.228	3040640	20.0
Dibenzothiophene	17.045	4.4	ng/ul	674361	4	17.228	3040640	20.0
Naphthalene, 1-...	17.751	5.1	ng/ul	777722	4	17.228	3040640	20.0
Anthrone	17.804	5.6	ng/ul	854633	4	17.228	3040640	20.0
Phenanthrene, 2...	18.092	17.8	ng/ul	2709510	4	17.228	3040640	20.0
Anthracene, 2-m...	18.139	21.4	ng/ul	3257130	4	17.228	3040640	20.0
1H-Cyclopropa[1...	18.216	6.7	ng/ul	1017280	4	17.228	3040640	20.0
4H-Cyclopenta[d...	18.281	19.9	ng/ul	3024990	4	17.228	3040640	20.0
Phenanthrene, 4...	18.316	14.8	ng/ul	2255660	4	17.228	3040640	20.0
Naphthalene, 2-...	18.581	12.7	ng/ul	1924280	4	17.228	3040640	20.0
9,10-Anthracene...	18.616	12.2	ng/ul	1851200	4	17.228	3040640	20.0
Phenanthrene, 4...	18.816	4.6	ng/ul	698612	4	17.228	3040640	20.0
di-p-Tolylacety...	18.863	4.8	ng/ul	721509	4	17.228	3040640	20.0
Phenanthrene, 3...	18.898	4.8	ng/ul	733137	4	17.228	3040640	20.0
Phenanthrene, 2...	18.980	12.1	ng/ul	1843230	4	17.228	3040640	20.0
9,10-Dimethylan...	19.033	5.5	ng/ul	838231	4	17.228	3040640	20.0
Cyclopenta(def)...	19.122	31.2	ng/ul	4741270	4	17.228	3040640	20.0
11H-Benzo[a]flu...	20.804	4.9	ng/ul	7191310	5	21.322	29109500	20.0
Benzo[b]naphtho...	20.969	4.3	ng/ul	6260610	5	21.322	29109500	20.0
7H-Benz[de]anth...	21.098	4.5	ng/ul	6480760	5	21.322	29109500	20.0
Chrysene, 1-met...	21.886	3.9	ng/ul	5637810	5	21.322	29109500	20.0
Anthracene, 9-p...	22.692	28.9	ng/ul	4206720	6	23.698	2915710	20.0
Benzo[e]pyrene	23.157	28.0	ng/ul	4075520	6	23.698	2915710	20.0
Dinaphtho[1,2-b...	23.298	20.1	ng/ul	2927300	6	23.698	2915710	20.0
Perylene	23.757	55.5	ng/ul	8090010	6	23.698	2915710	20.0
Picene	26.468	22.9	ng/ul	3331500	6	23.698	2915710	20.0