

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110923\
 Data File : BP018020.D
 Acq On : 10 Nov 2023 09:41
 Operator : MA/JU
 Sample : 05091-13
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCKJ0

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-BP110923.MA.M
 Title : SVOA CALIBRATION

Signal : TIC: BP018020.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.246	25	27	34	rVB2	10730	13881	0.76%	0.056%
2	3.705	103	105	116	rVB	12297	22002	1.20%	0.089%
3	3.793	116	120	127	rVV	19622	28891	1.58%	0.117%
4	3.864	128	132	136	rVB	18223	25417	1.39%	0.103%
5	4.911	306	310	317	rVB2	22488	32521	1.78%	0.132%
6	5.822	461	465	473	rVB6	5639	11596	0.63%	0.047%
7	7.034	665	671	690	rBV2	134668	320179	17.49%	1.295%
8	7.216	696	702	712	rBV	101844	173619	9.48%	0.702%
9	7.387	724	731	743	rBV	157663	260458	14.23%	1.054%
10	7.863	803	812	822	rBV	366740	579185	31.63%	2.343%
11	8.399	897	903	909	rVB2	8216	15921	0.87%	0.064%
12	8.593	929	936	949	rBV	112458	229372	12.53%	0.928%
13	8.722	950	958	969	rVV	208268	353549	19.31%	1.430%
14	8.893	977	987	993	rBV7	5629	15344	0.84%	0.062%
15	9.069	1009	1017	1028	rBV	140506	256183	13.99%	1.036%
16	9.787	1130	1139	1156	rBV	118699	232292	12.69%	0.940%
17	9.957	1162	1168	1180	rBV	35875	95742	5.23%	0.387%
18	10.157	1196	1202	1213	rVB2	19820	41155	2.25%	0.166%
19	10.316	1223	1229	1239	rBV	156951	319616	17.46%	1.293%
20	10.681	1283	1291	1298	rBV	478216	811154	44.30%	3.282%
21	10.869	1316	1323	1334	rBV	67364	152643	8.34%	0.618%
22	11.257	1382	1389	1394	rBV10	9845	23974	1.31%	0.097%
23	11.540	1431	1437	1445	rBV3	8910	24443	1.34%	0.099%
24	12.351	1569	1575	1583	rBV	20696	35710	1.95%	0.144%
25	12.575	1605	1613	1619	rBV4	11037	20104	1.10%	0.081%
26	13.375	1740	1749	1755	rVV	66988	112457	6.14%	0.455%
27	13.487	1761	1768	1771	rBV9	5696	12426	0.68%	0.050%
28	13.557	1775	1780	1786	rVB8	5339	10839	0.59%	0.044%
29	13.692	1797	1803	1805	rBV6	8621	16803	0.92%	0.068%
30	13.845	1824	1829	1834	rBV4	11274	22966	1.25%	0.093%
31	13.904	1835	1839	1843	rVV3	8062	13111	0.72%	0.053%
32	13.957	1843	1848	1862	rVB	393371	544743	29.75%	2.204%
33	14.087	1866	1870	1873	rBV4	8787	12201	0.67%	0.049%
34	14.234	1887	1895	1908	rBV2	394821	692801	37.84%	2.803%
35	14.539	1937	1947	1953	rVV	723790	1084475	59.23%	4.387%
36	14.604	1953	1958	1965	rVV	151206	226177	12.35%	0.915%

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Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110923.MA.M
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37	14.734	1974	1980	1987	rBV	6749	16440	0.90%	0.067%
38	14.816	1989	1994	2006	rBV3	43206	139132	7.60%	0.563%
39	14.945	2009	2016	2021	rVV	53943	107746	5.88%	0.436%
40	15.004	2023	2026	2034	rVB6	13588	27619	1.51%	0.112%

41	15.139	2045	2049	2054	rVV7	8075	16436	0.90%	0.066%
42	15.198	2056	2059	2063	rVB2	7966	10222	0.56%	0.041%
43	15.363	2082	2087	2092	rVB2	13771	20171	1.10%	0.082%
44	15.539	2108	2117	2122	rBV	535043	768979	42.00%	3.111%
45	15.598	2122	2127	2136	rVB	141848	217097	11.86%	0.878%

46	15.692	2138	2143	2150	rBV2	95551	174005	9.50%	0.704%
47	15.845	2165	2169	2172	rBV4	8537	12432	0.68%	0.050%
48	15.881	2172	2175	2180	rVB2	23758	35468	1.94%	0.143%
49	16.033	2195	2201	2208	rBV2	24649	61162	3.34%	0.247%
50	16.128	2213	2217	2222	rVB5	11387	16664	0.91%	0.067%

51	16.233	2231	2235	2240	rVB5	10259	14595	0.80%	0.059%
52	16.304	2243	2247	2254	rBV2	29289	45663	2.49%	0.185%
53	16.598	2291	2297	2301	rVV3	28489	52635	2.87%	0.213%
54	16.645	2301	2305	2311	rVV5	9891	20931	1.14%	0.085%
55	16.751	2320	2323	2326	rBV3	11326	13967	0.76%	0.057%

56	16.822	2332	2335	2339	rVB2	13070	13654	0.75%	0.055%
57	16.863	2339	2342	2344	rBV3	11903	16541	0.90%	0.067%
58	16.892	2345	2347	2351	rVB2	21067	22053	1.20%	0.089%
59	16.957	2353	2358	2360	rBV4	39797	64033	3.50%	0.259%
60	16.980	2360	2362	2366	rVV2	30332	38760	2.12%	0.157%

61	17.028	2366	2370	2380	rVB3	24568	45609	2.49%	0.185%
62	17.133	2384	2388	2392	rVB	35363	48806	2.67%	0.197%
63	17.316	2413	2419	2423	rVV	916274	1240212	67.74%	5.017%
64	17.363	2423	2427	2431	rVV	453897	637655	34.83%	2.580%
65	17.416	2431	2436	2439	rVV2	558674	796158	43.49%	3.221%

66	17.451	2439	2442	2450	rVV	563772	806179	44.03%	3.261%
67	17.528	2452	2455	2460	rVB	17606	26779	1.46%	0.108%
68	17.751	2484	2493	2500	rBV	131166	227663	12.43%	0.921%
69	17.833	2504	2507	2511	rVB	29168	35438	1.94%	0.143%
70	17.898	2515	2518	2522	rBV5	18211	26115	1.43%	0.106%

71	18.163	2559	2563	2571	rBV2	173223	324310	17.71%	1.312%
72	18.233	2571	2575	2584	rVV2	82346	145249	7.93%	0.588%
73	18.310	2584	2588	2594	rVV	52836	79894	4.36%	0.323%
74	18.380	2594	2600	2603	rVV2	202823	305907	16.71%	1.238%
75	18.410	2603	2605	2614	rVB3	52395	73715	4.03%	0.298%

76	18.675	2646	2650	2654	rVB	68514	88924	4.86%	0.360%
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77	18.739	2658	2661	2663	rVV	67759	85396	4.66%	0.345%
78	18.769	2663	2666	2671	rVB3	77610	102271	5.59%	0.414%
79	18.875	2681	2684	2686	rVB4	22099	21526	1.18%	0.087%
80	18.992	2700	2704	2707	rBV	61445	78541	4.29%	0.318%
81	19.022	2707	2709	2713	rVV4	27731	36118	1.97%	0.146%
82	19.069	2713	2717	2721	rVB2	35871	50792	2.77%	0.205%
83	19.233	2741	2745	2754	rVB3	140421	245936	13.43%	0.995%
84	19.339	2758	2763	2770	rVB	1308889	1658189	90.57%	6.708%
85	19.404	2771	2774	2779	rBV4	63617	98681	5.39%	0.399%
86	19.669	2813	2819	2821	rBV2	883530	1244824	67.99%	5.036%
87	19.698	2821	2824	2830	rVB	1113769	1398940	76.41%	5.659%
88	19.869	2850	2853	2858	rVB	66380	79553	4.35%	0.322%
89	20.080	2886	2889	2893	rBV3	34646	61869	3.38%	0.250%
90	20.180	2903	2906	2911	rVB	122568	158452	8.65%	0.641%
91	20.280	2919	2923	2926	rBV	104235	147834	8.07%	0.598%
92	20.469	2953	2955	2960	rBV	59120	70490	3.85%	0.285%
93	21.086	3057	3060	3062	rBV2	120797	164932	9.01%	0.667%
94	21.163	3070	3073	3079	rVB2	85165	115236	6.29%	0.466%
95	21.445	3114	3121	3125	rBV2	1028728	1830876	100.00%	7.407%
96	21.480	3125	3127	3132	rVB	408748	469498	25.64%	1.899%
97	23.174	3410	3415	3421	rBV	355065	881430	48.14%	3.566%
98	23.727	3505	3509	3514	rBV	183767	331211	18.09%	1.340%
99	23.786	3515	3519	3525	rVB2	357264	634861	34.68%	2.568%
100	23.957	3542	3548	3554	rVB	559917	1072082	58.56%	4.337%

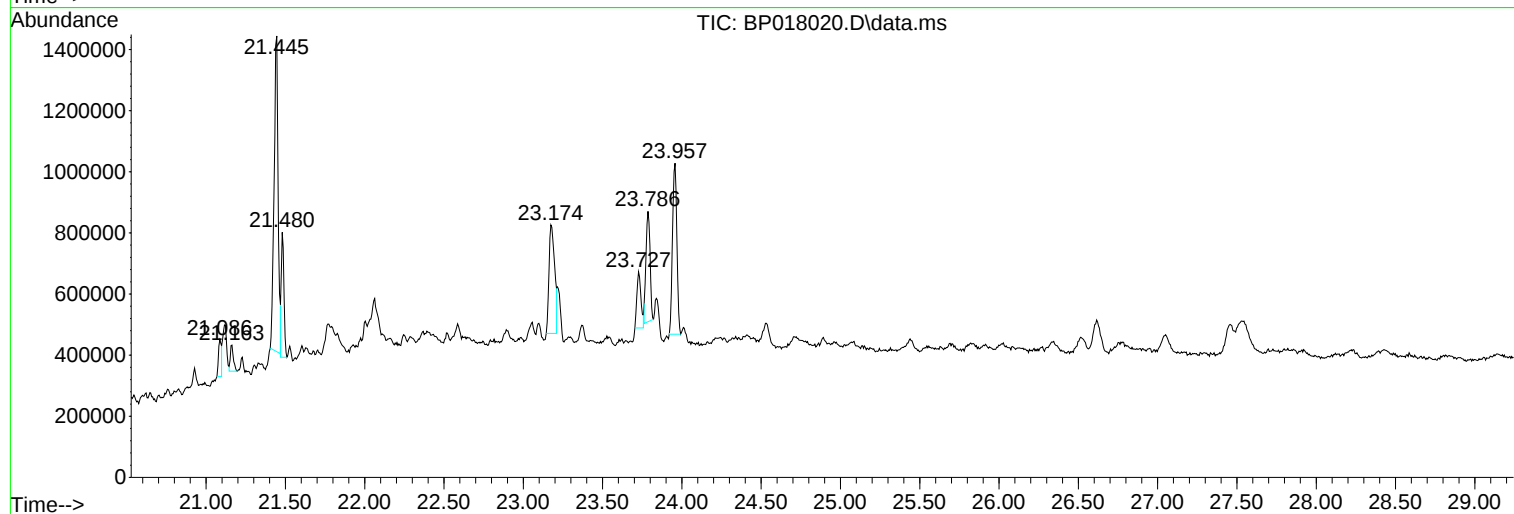
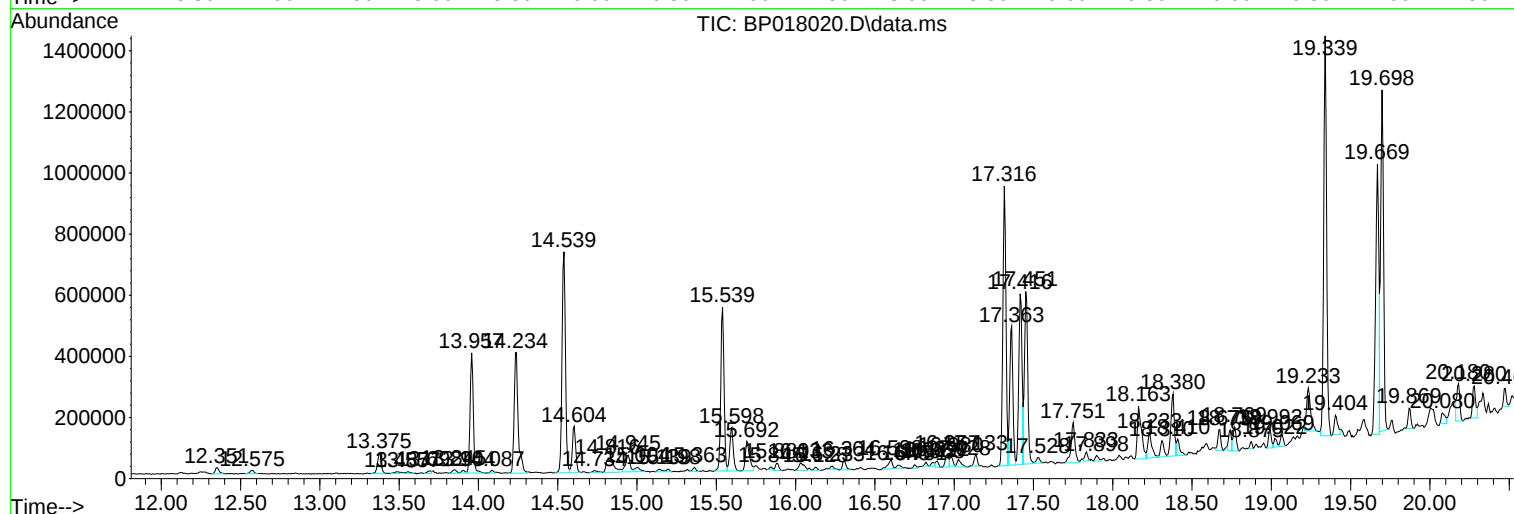
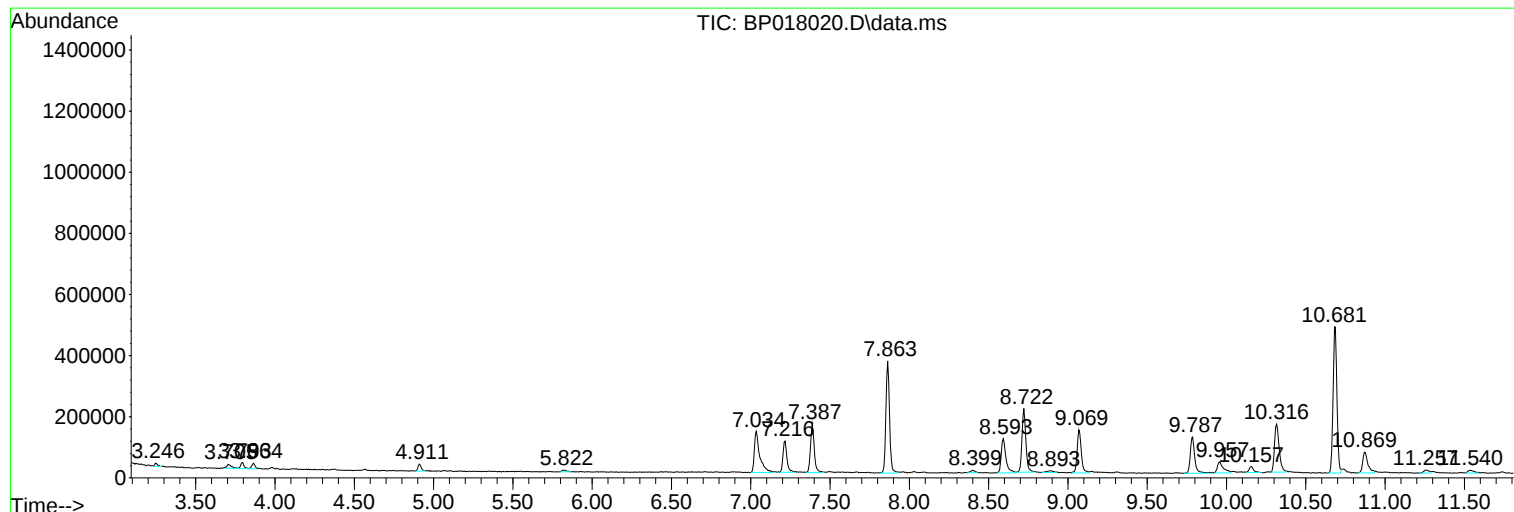
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110923.MA.M
Quant Title : SVOA CALIBRATION

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



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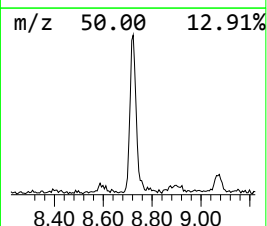
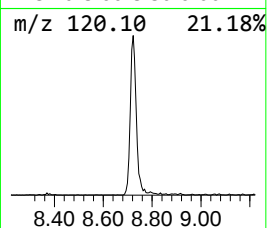
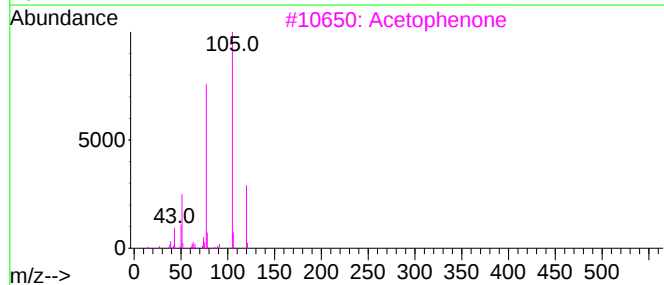
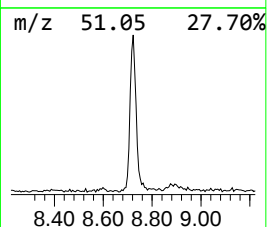
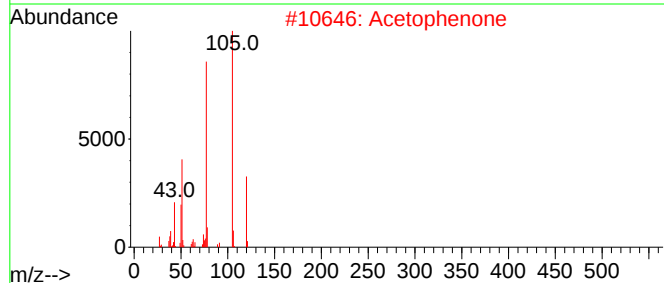
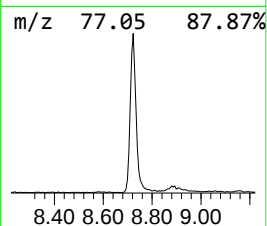
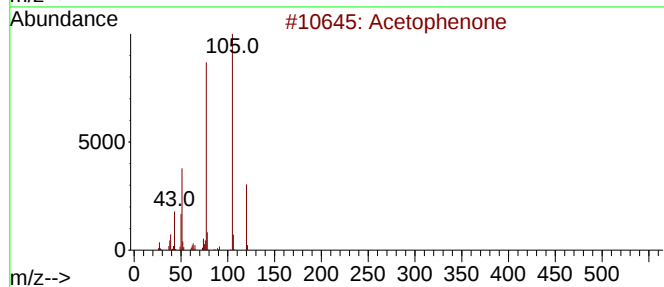
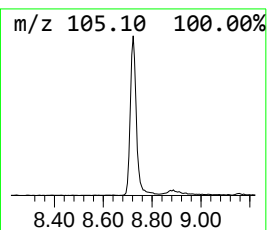
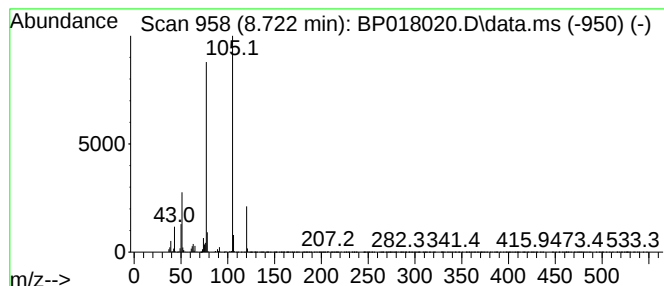
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110923.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Aceto phenone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.722	12.21 ng/ul	353549	1,4-Dichlorobenzene-d4	7.863

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Acetophenone	120	C8H8O	000098-86-2	94
2			Acetophenone	120	C8H8O	000098-86-2	94
3			Acetophenone	120	C8H8O	000098-86-2	94
4			Acetophenone	120	C8H8O	000098-86-2	91
5			Acetophenone	120	C8H8O	000098-86-2	91



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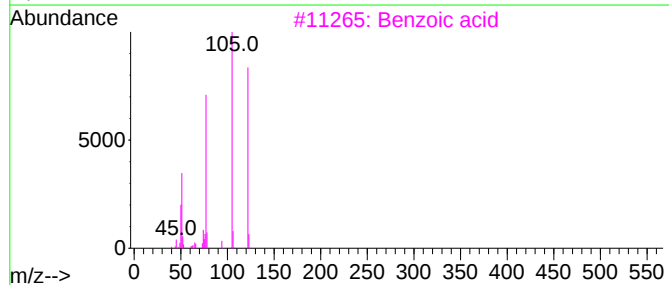
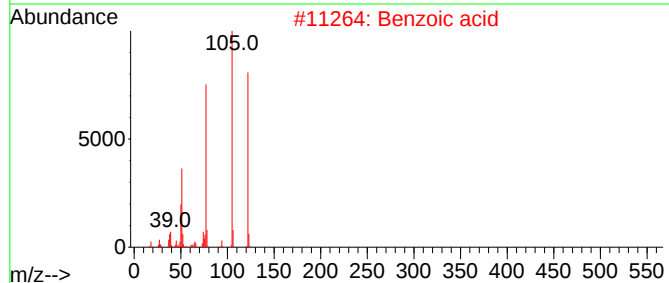
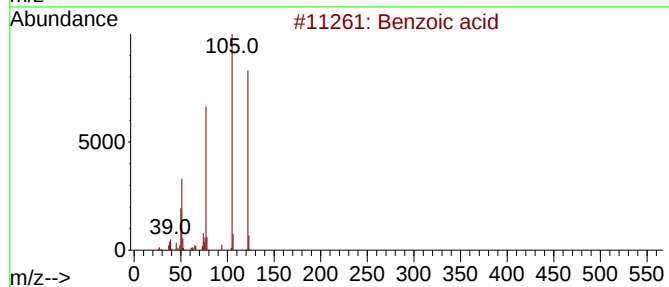
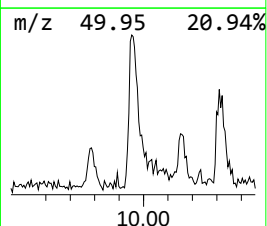
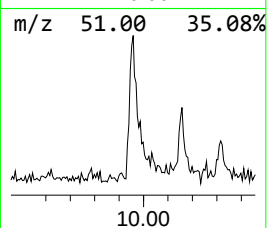
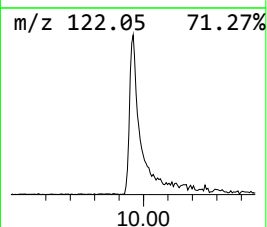
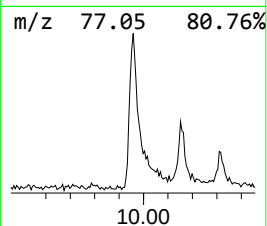
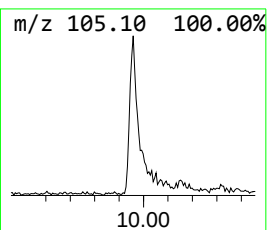
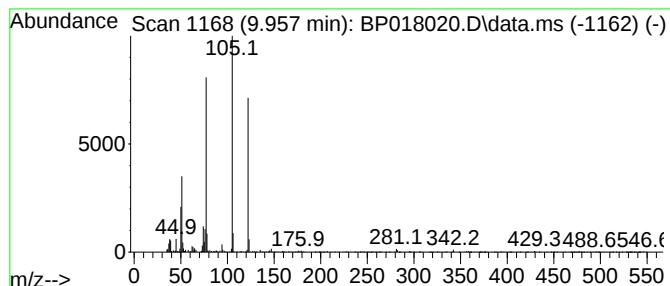
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 Benzoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.957	2.36 ng/ul	95742	Naphthalene-d8	10.681

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid			122	C7H6O2	000065-85-0	94
2	Benzoic acid			122	C7H6O2	000065-85-0	94
3	Benzoic acid			122	C7H6O2	000065-85-0	94
4	Benzoic acid			122	C7H6O2	000065-85-0	91
5	Benzoic acid, silver(1+) salt			228	C7H5AgO2	000532-31-0	90



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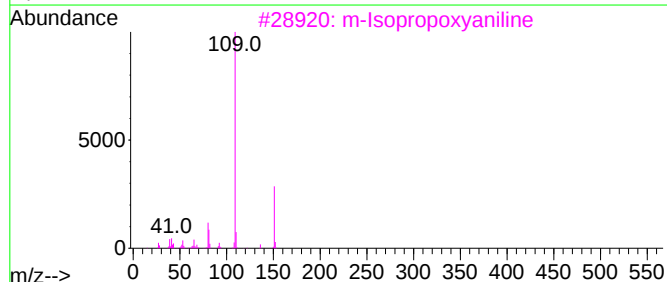
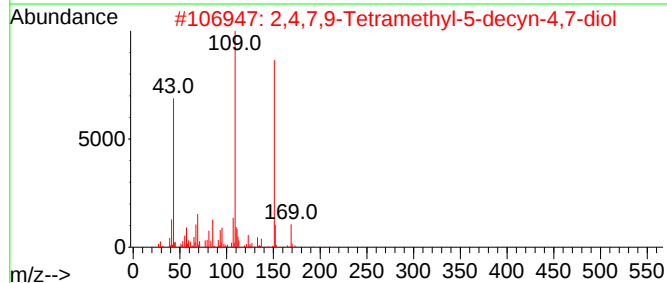
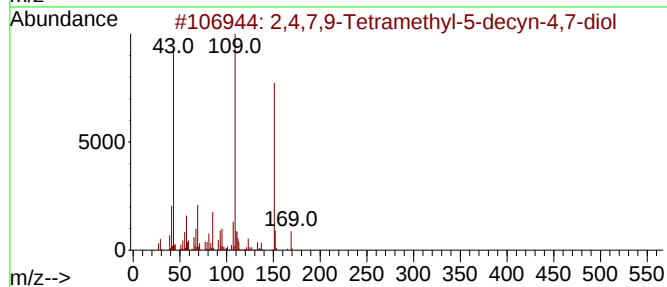
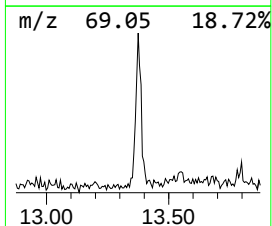
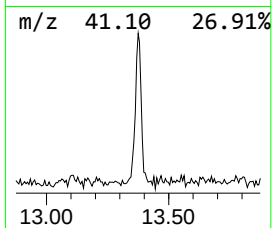
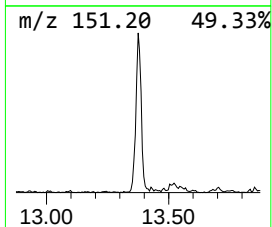
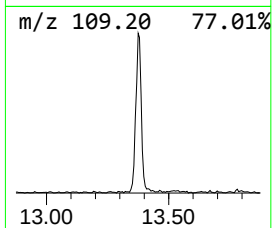
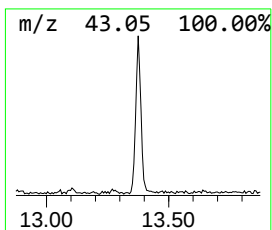
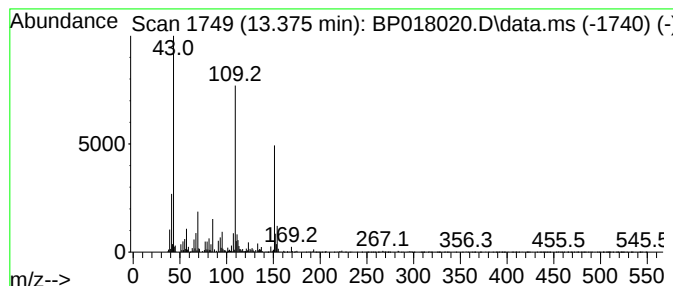
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 2,4,7,9-Tetramethyl-5-decyn... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.375	2.07 ng/ul	112457	Acenaphthene-d10	14.539

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	90		
2	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	80		
3	m-Isopropoxyaniline	151	C9H13NO	041406-00-2	53		
4	Metacetamol	151	C8H9NO2	000621-42-1	53		
5	benzenamine, 3-[(tetrahydro-2H-p...	193	C11H15NO2	1010400-28-1	45		



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110923\
Data File : BP018020.D
Acq On : 10 Nov 2023 09:41
Operator : MA/JU
Sample : 05091-13
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCKJ0

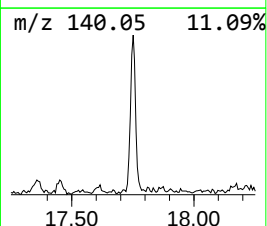
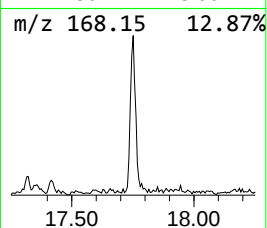
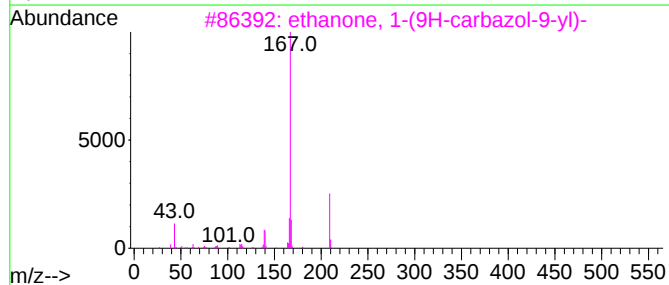
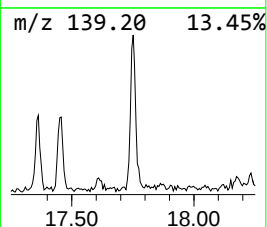
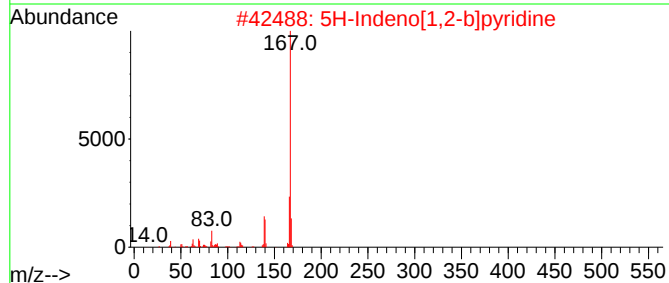
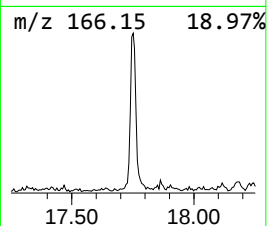
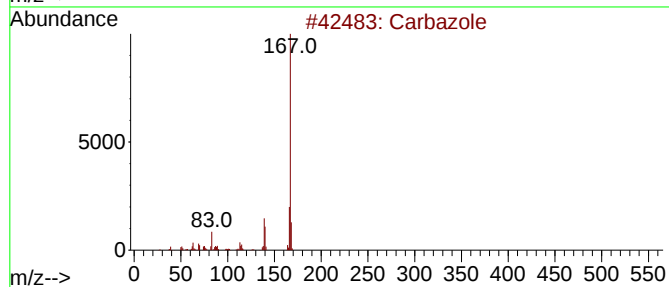
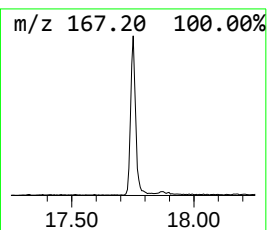
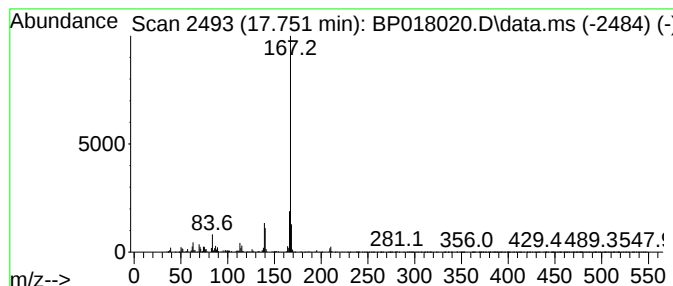
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 Carba zole Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.751	3.67 ng/ul	227663	Phenanthrene-d10	17.316

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Carbazole	167	C12H9N	000086-74-8	95
2			5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	94
3			ethanone, 1-(9H-carbazol-9-yl)-	209	C14H11NO	1000400-59-5	94
4			Carbazole	167	C12H9N	000086-74-8	91
5			2-Azafluorene	167	C12H9N	000244-40-6	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110923\
Data File : BP018020.D
Acq On : 10 Nov 2023 09:41
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Sample : 05091-13
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Instrument :
BNA_P
ClientSampleId :
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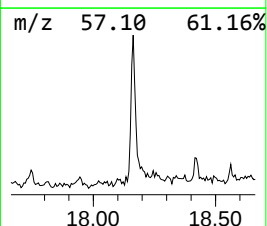
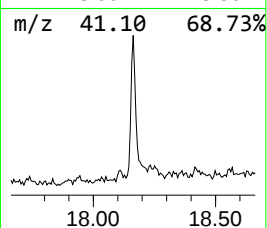
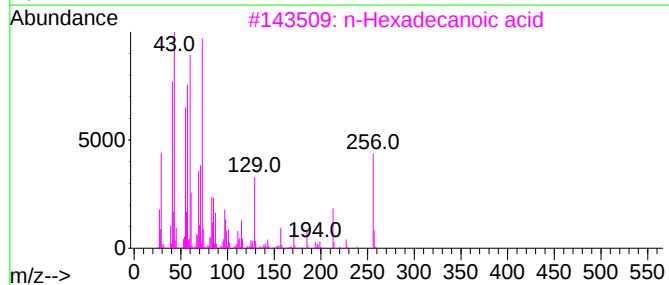
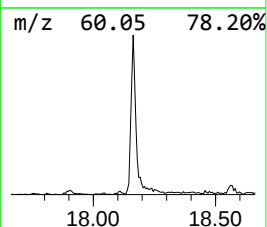
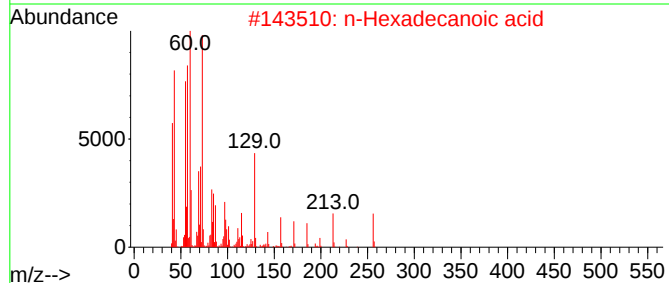
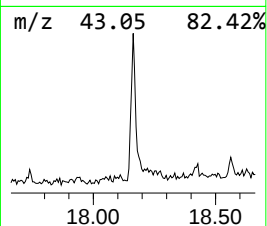
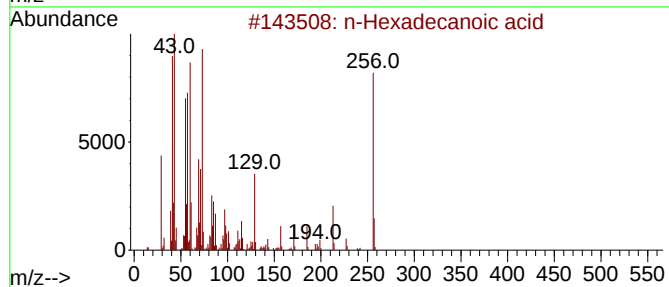
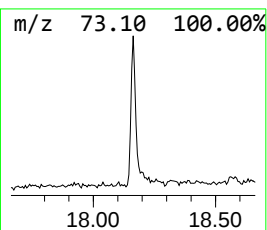
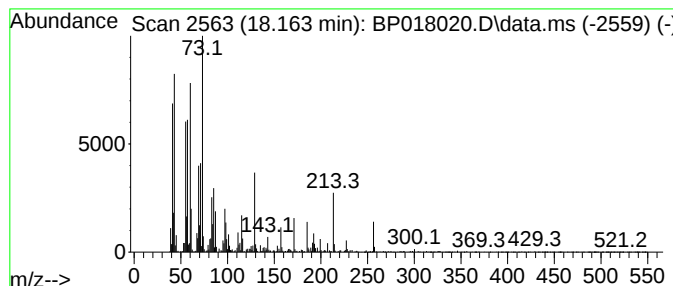
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.163	5.23 ng/ul	324310	Phenanthrene-d10	17.316

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
3			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
4			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
5			Tetradecanoic acid	228	C14H28O2	000544-63-8	95



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110923\
Data File : BP018020.D
Acq On : 10 Nov 2023 09:41
Operator : MA/JU
Sample : 05091-13
Misc :
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Instrument :
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ClientSampleId :
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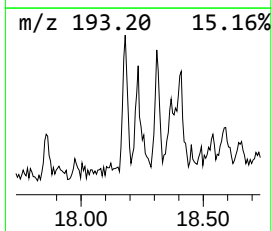
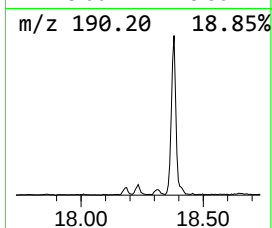
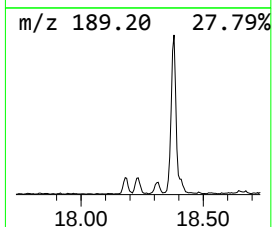
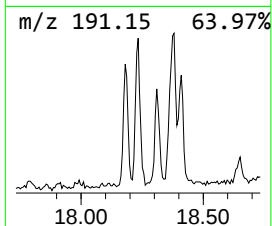
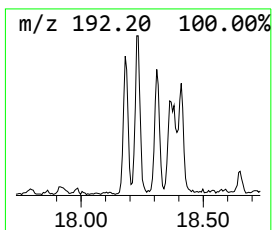
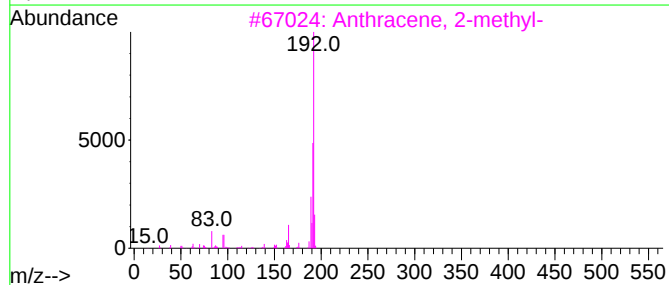
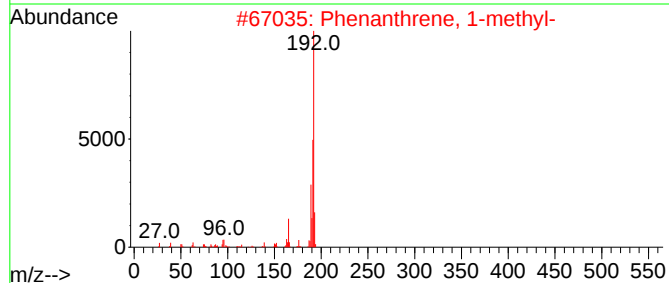
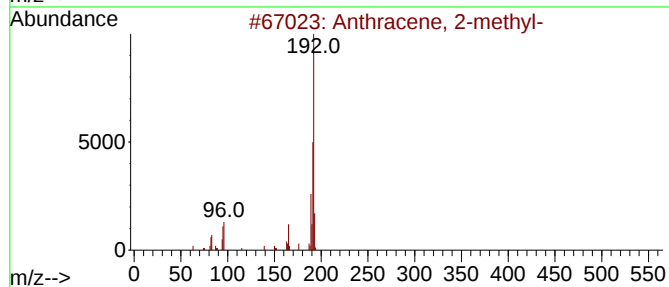
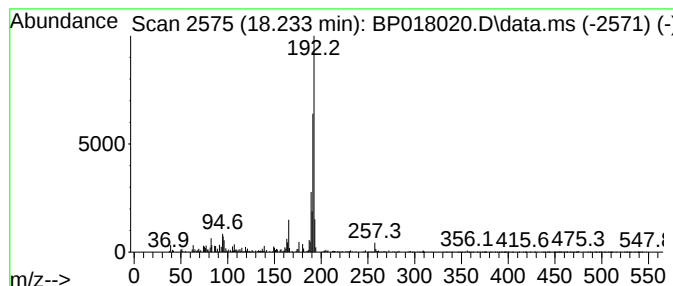
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 Anthracene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.233	2.34 ng/ul	145249	Phenanthrene-d10	17.316

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
2			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
3			Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
4			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90
5			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	89



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110923\
Data File : BP018020.D
Acq On : 10 Nov 2023 09:41
Operator : MA/JU
Sample : 05091-13
Misc :
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ClientSampleId :
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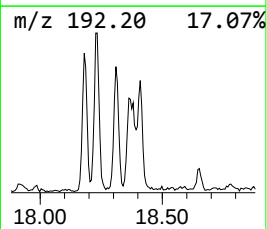
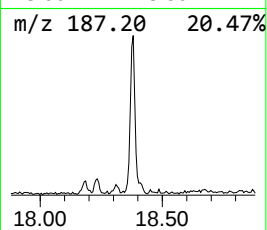
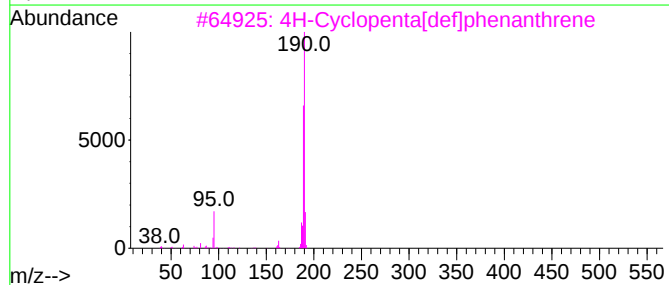
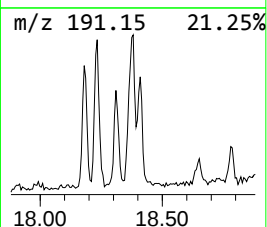
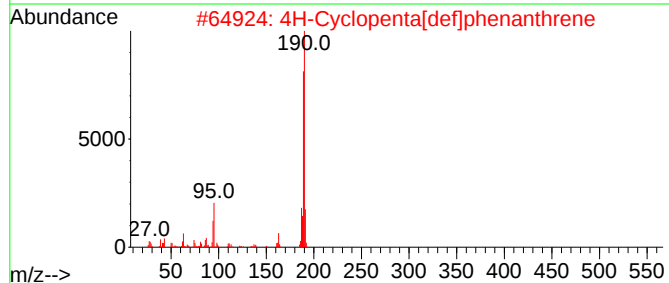
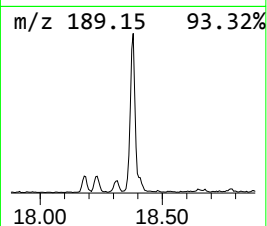
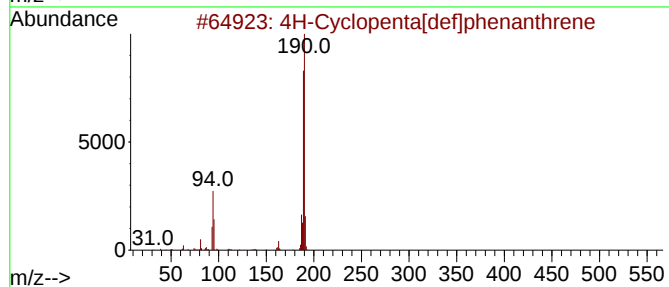
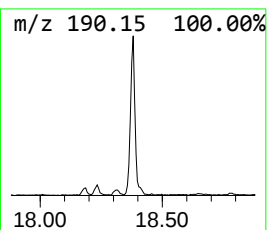
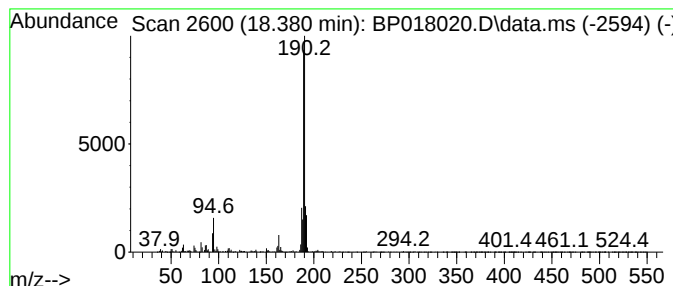
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.380	4.93 ng/ul	305907	Phenanthrene-d10	17.316

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	90
2			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	87
3			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	87
4			2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	53
5			Phenol, 4-(2-thienylmethyl)-	190	C11H10O5	091680-55-6	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110923\
Data File : BP018020.D
Acq On : 10 Nov 2023 09:41
Operator : MA/JU
Sample : 05091-13
Misc :
ALS Vial : 27 Sample Multiplier: 1

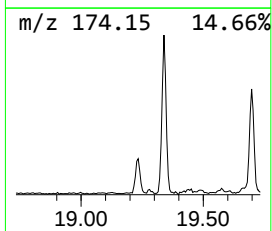
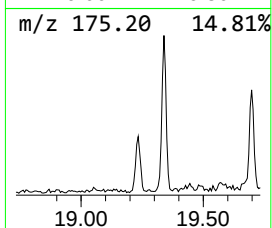
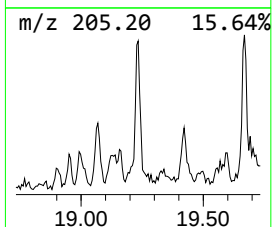
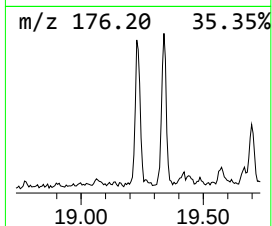
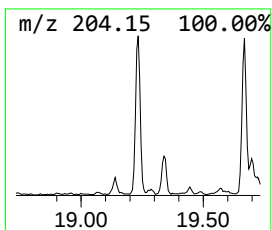
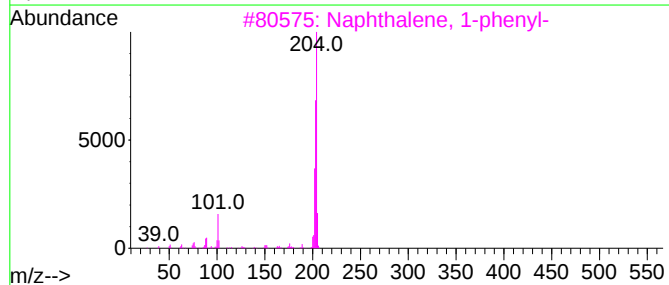
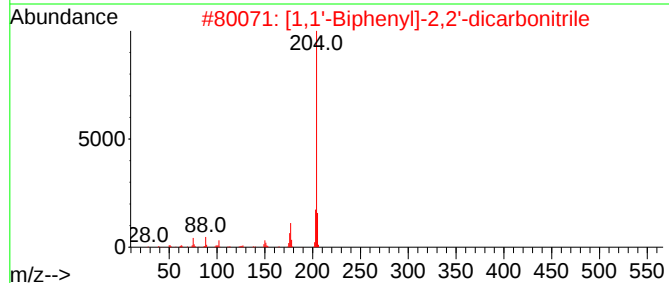
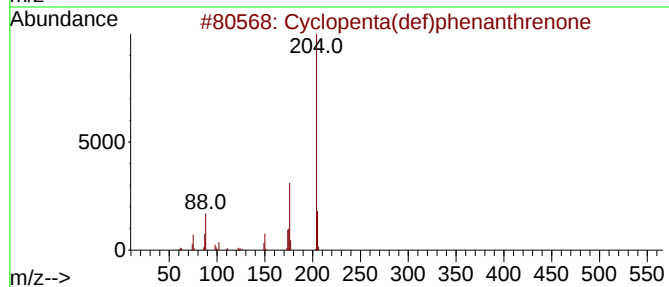
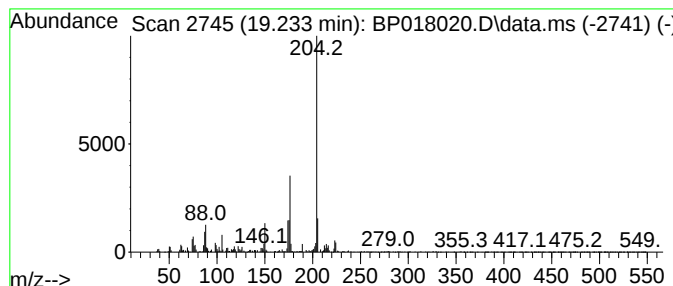
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 Cyclopenta(def)phenanthrenone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.233	3.97 ng/ul	245936	Phenanthrene-d10	17.316	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	87
2	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	53
3	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	50
4	5,6,7,8-Tetrahydrothieno[2,3-b]q...	204	C11H12N2S	122914-50-5	45
5	9-Acridinecarbonitrile	204	C14H8N2	005326-19-2	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110923\
Data File : BP018020.D
Acq On : 10 Nov 2023 09:41
Operator : MA/JU
Sample : 05091-13
Misc :
ALS Vial : 27 Sample Multiplier: 1

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ClientSampleId :
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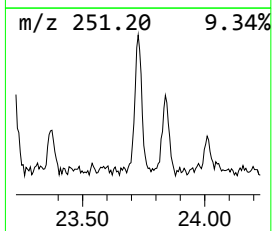
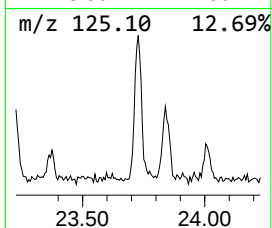
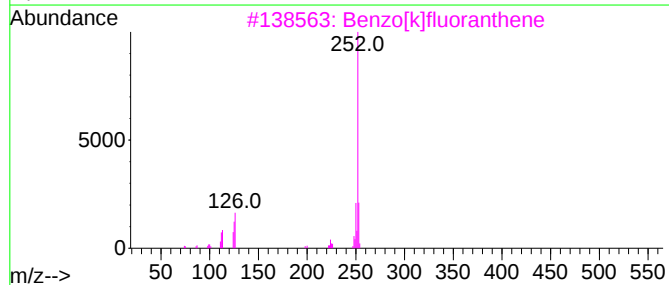
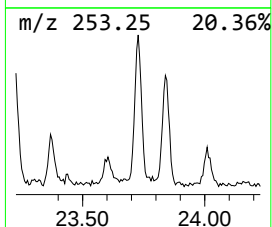
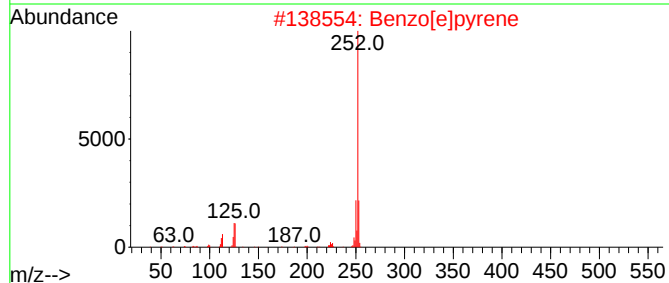
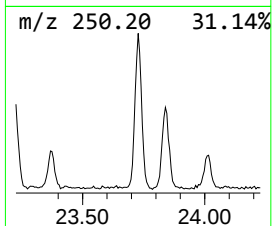
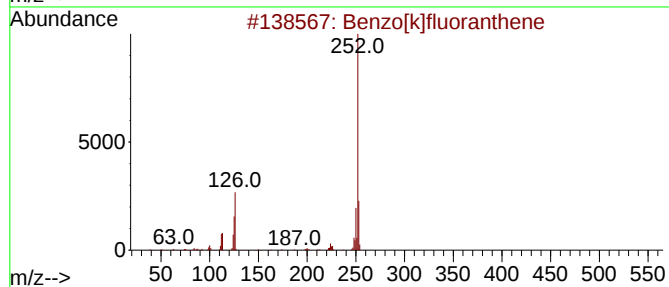
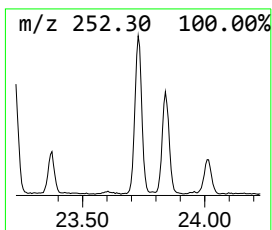
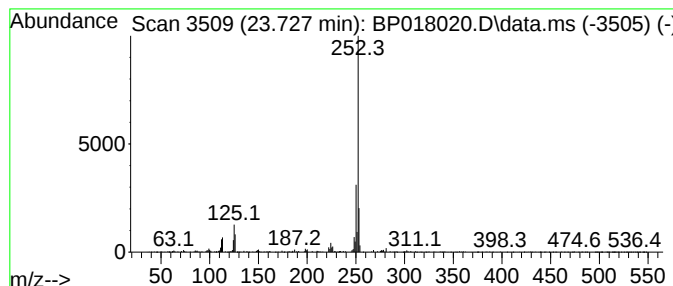
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.727	6.18 ng/ul	331211	Perylene-d12	23.957

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
2			Benzo[e]pyrene	252	C20H12	000192-97-2	97
3			Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
4			Perylene	252	C20H12	000198-55-0	94
5			Benzo[j]fluoranthene	252	C20H12	000205-82-3	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110923\
Data File : BP018020.D
Acq On : 10 Nov 2023 09:41
Operator : MA/JU
Sample : 05091-13
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCKJ0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110923.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
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Benzoic acid	9.957	2.4	ng/ul	95742	2	10.681	811154	20.0
2,4,7,9-Tetrame...	13.375	2.1	ng/ul	112457	3	14.539	1084480	20.0
Carba zole	17.751	3.7	ng/ul	227663	4	17.316	1240210	20.0
n-Hexadecanoic ...	18.163	5.2	ng/ul	324310	4	17.316	1240210	20.0
Anthracene, 2-m...	18.233	2.3	ng/ul	145249	4	17.316	1240210	20.0
4H-Cyclopenta[d...	18.380	4.9	ng/ul	305907	4	17.316	1240210	20.0
Cyclopenta(def)...	19.233	4.0	ng/ul	245936	4	17.316	1240210	20.0
Benzo[e]pyrene	23.727	6.2	ng/ul	331211	6	23.957	1072080	20.0