

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP021920\
 Data File : BP001793.D
 Acq On : 19 Feb 2020 23:58
 Operator : CG/JU
 Sample : L1424-12
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 C5B12

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 0.1 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021820MA.M
 Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.934	3	8	31	rVB	4189402	5695226	45.26%	3.265%
2	3.181	46	50	60	rVB	78867	108965	0.87%	0.062%
3	3.687	132	136	142	rVV	64621	89591	0.71%	0.051%
4	4.805	321	326	334	rBV	129445	188264	1.50%	0.108%
5	6.834	661	671	688	rBV	1359229	2279572	18.11%	1.307%
6	6.999	691	699	708	rBV	1076046	1675050	13.31%	0.960%
7	7.193	725	732	744	rBV	1461980	2264013	17.99%	1.298%
8	7.658	804	811	820	rBV	1790957	2785403	22.13%	1.597%
9	8.358	923	930	943	rBV	1572450	2569102	20.41%	1.473%
10	8.469	943	949	956	rVB	199494	322774	2.56%	0.185%
11	8.799	992	1005	1015	rBV	1241317	1985718	15.78%	1.138%
12	9.516	1118	1127	1135	rBV	933127	1460745	11.61%	0.837%
13	10.052	1210	1218	1230	rBV	1747773	2911293	23.13%	1.669%
14	10.434	1275	1283	1289	rBV	2428479	4086537	32.47%	2.342%
15	10.563	1298	1305	1322	rBV	983883	1835636	14.59%	1.052%
16	13.704	1833	1839	1844	rVV	2944076	4138694	32.89%	2.372%
17	13.751	1844	1847	1853	rVB	358366	483115	3.84%	0.277%
18	13.981	1879	1886	1908	rBV	3846608	5867968	46.63%	3.364%
19	14.293	1932	1939	1946	rVV	3750854	5538167	44.01%	3.175%
20	14.357	1946	1950	1958	rVB	69952	109133	0.87%	0.063%
21	14.487	1965	1972	1983	rBV	1115390	1645823	13.08%	0.943%
22	14.634	1994	1997	2003	rVV	54377	99599	0.79%	0.057%
23	14.710	2003	2010	2017	rVV4	73042	182325	1.45%	0.105%
24	14.916	2039	2045	2050	rBV4	40754	94148	0.75%	0.054%
25	15.293	2096	2109	2114	rBV	4848018	7006973	55.68%	4.016%
26	15.345	2114	2118	2123	rVV2	106234	178487	1.42%	0.102%
27	15.404	2123	2128	2137	rVV	494240	690618	5.49%	0.396%
28	15.534	2143	2150	2154	rBV4	49311	91590	0.73%	0.053%
29	15.793	2190	2194	2202	rVB3	47757	111509	0.89%	0.064%
30	16.016	2228	2232	2237	rVV5	48546	106012	0.84%	0.061%
31	16.351	2280	2289	2294	rBV5	58136	165858	1.32%	0.095%
32	16.704	2344	2349	2357	rVB4	57804	148574	1.18%	0.085%
33	16.781	2358	2362	2368	rVV3	53745	115386	0.92%	0.066%
34	16.857	2371	2375	2380	rVV2	103368	183875	1.46%	0.105%

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35	17.045	2400	2407	2411	rBV	4593844	6803980	54.07%	3.900%
36	17.087	2411	2414	2418	rVV	1808169	2340693	18.60%	1.342%
37	17.140	2418	2423	2428	rVV2	5160750	7623329	60.58%	4.370%
38	17.175	2428	2429	2435	rVB	597512	521779	4.15%	0.299%
39	17.245	2436	2441	2446	rVV4	67897	120721	0.96%	0.069%
40	17.445	2471	2475	2481	rVV	93547	161040	1.28%	0.092%
41	17.575	2493	2497	2502	rVV2	93922	173272	1.38%	0.099%
42	17.628	2502	2506	2511	rVB2	107693	157991	1.26%	0.091%
43	17.769	2526	2530	2535	rVB	64428	109119	0.87%	0.063%
44	17.916	2550	2555	2559	rBV	510628	711713	5.66%	0.408%
45	17.963	2559	2563	2570	rVV	1050744	1477812	11.74%	0.847%
46	18.039	2571	2576	2581	rVV2	271152	434728	3.45%	0.249%
47	18.104	2581	2587	2591	rVV2	858318	1504135	11.95%	0.862%
48	18.139	2591	2593	2598	rVB	400997	462907	3.68%	0.265%
49	18.257	2610	2613	2618	rVB3	62780	91823	0.73%	0.053%
50	18.404	2634	2638	2641	rBV	356551	471383	3.75%	0.270%
51	18.434	2641	2643	2650	rVB2	201811	288252	2.29%	0.165%
52	18.645	2676	2679	2683	rVV	200408	263945	2.10%	0.151%
53	18.698	2684	2688	2691	rVV	228055	333429	2.65%	0.191%
54	18.734	2691	2694	2697	rVB	170078	205804	1.64%	0.118%
55	18.810	2702	2707	2712	rVV	547413	873722	6.94%	0.501%
56	18.875	2712	2718	2721	rVV3	314385	615403	4.89%	0.353%
57	18.898	2721	2722	2726	rVB	171491	134844	1.07%	0.077%
58	18.945	2726	2730	2737	rBV4	256781	574998	4.57%	0.330%
59	19.063	2745	2750	2756	rVB	5849671	7392107	58.74%	4.237%
60	19.134	2759	2762	2765	rBV	111683	172347	1.37%	0.099%
61	19.204	2771	2774	2778	rBV	280122	363028	2.88%	0.208%
62	19.298	2787	2790	2795	rVB2	163753	204877	1.63%	0.117%
63	19.386	2799	2805	2808	rBV	7341997	11190865	88.93%	6.415%
64	19.416	2808	2810	2818	rVV	5371792	5742646	45.63%	3.292%
65	19.492	2819	2823	2828	rVB2	225749	434571	3.45%	0.249%
66	19.592	2836	2840	2843	rBV	243056	320473	2.55%	0.184%
67	19.733	2859	2864	2870	rBV3	464428	1021096	8.11%	0.585%
68	19.822	2876	2879	2882	rBV2	100818	134595	1.07%	0.077%
69	19.869	2882	2887	2888	rVV2	378569	542773	4.31%	0.311%
70	19.898	2888	2892	2897	rVB	1086042	1516539	12.05%	0.869%
71	19.957	2899	2902	2905	rBV3	127972	173536	1.38%	0.099%

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72	19.998	2905	2909	2912	rVV	785001	956825	7.60%	0.548%
73	20.051	2912	2918	2922	rVB3	709350	1207153	9.59%	0.692%
74	20.133	2930	2932	2937	rVB3	108704	125201	0.99%	0.072%
75	20.186	2937	2941	2945	rBV	479727	585771	4.65%	0.336%
76	20.233	2945	2949	2953	rVV	455419	595267	4.73%	0.341%
77	20.439	2981	2984	2987	rBV3	256479	325377	2.59%	0.187%
78	20.622	3013	3015	3022	rVB2	320055	571741	4.54%	0.328%
79	20.786	3037	3043	3047	rBV2	483338	959110	7.62%	0.550%
80	20.828	3047	3050	3053	rVB	529993	498735	3.96%	0.286%
81	20.875	3053	3058	3063	rBV3	1064692	2083985	16.56%	1.195%
82	21.133	3095	3102	3106	rBV2	6722573	12584564	100.00%	7.214%
83	21.169	3106	3108	3116	rVB	3138652	3612684	28.71%	2.071%
84	21.286	3125	3128	3131	rBV	474100	582245	4.63%	0.334%
85	21.316	3131	3133	3140	rVB2	461191	567022	4.51%	0.325%
86	21.439	3150	3154	3159	rBV2	332929	565240	4.49%	0.324%
87	21.680	3192	3195	3199	rVB	572161	715651	5.69%	0.410%
88	21.727	3200	3203	3204	rBV	376447	365820	2.91%	0.210%
89	21.751	3205	3207	3212	rVB2	659970	800625	6.36%	0.459%
90	21.875	3225	3228	3230	rBV	345808	384719	3.06%	0.221%
91	22.216	3283	3286	3293	rVB	781735	1016513	8.08%	0.583%
92	22.686	3361	3366	3370	rBV	2343841	4987461	39.63%	2.859%
93	22.857	3391	3395	3400	rVB	475667	705067	5.60%	0.404%
94	23.157	3441	3446	3450	rBV	1278319	2362933	18.78%	1.354%
95	23.210	3450	3455	3459	rVV	4167131	7583418	60.26%	4.347%
96	23.257	3459	3463	3467	rVB	1845413	2961610	23.53%	1.698%
97	23.351	3473	3479	3485	rBV	3601141	6164449	48.98%	3.534%
98	23.951	3577	3581	3588	rVB	586967	1126313	8.95%	0.646%
99	25.586	3852	3859	3872	rVB2	1343801	3846453	30.56%	2.205%
100	26.263	3968	3974	3994	rVB	874690	2731997	21.71%	1.566%

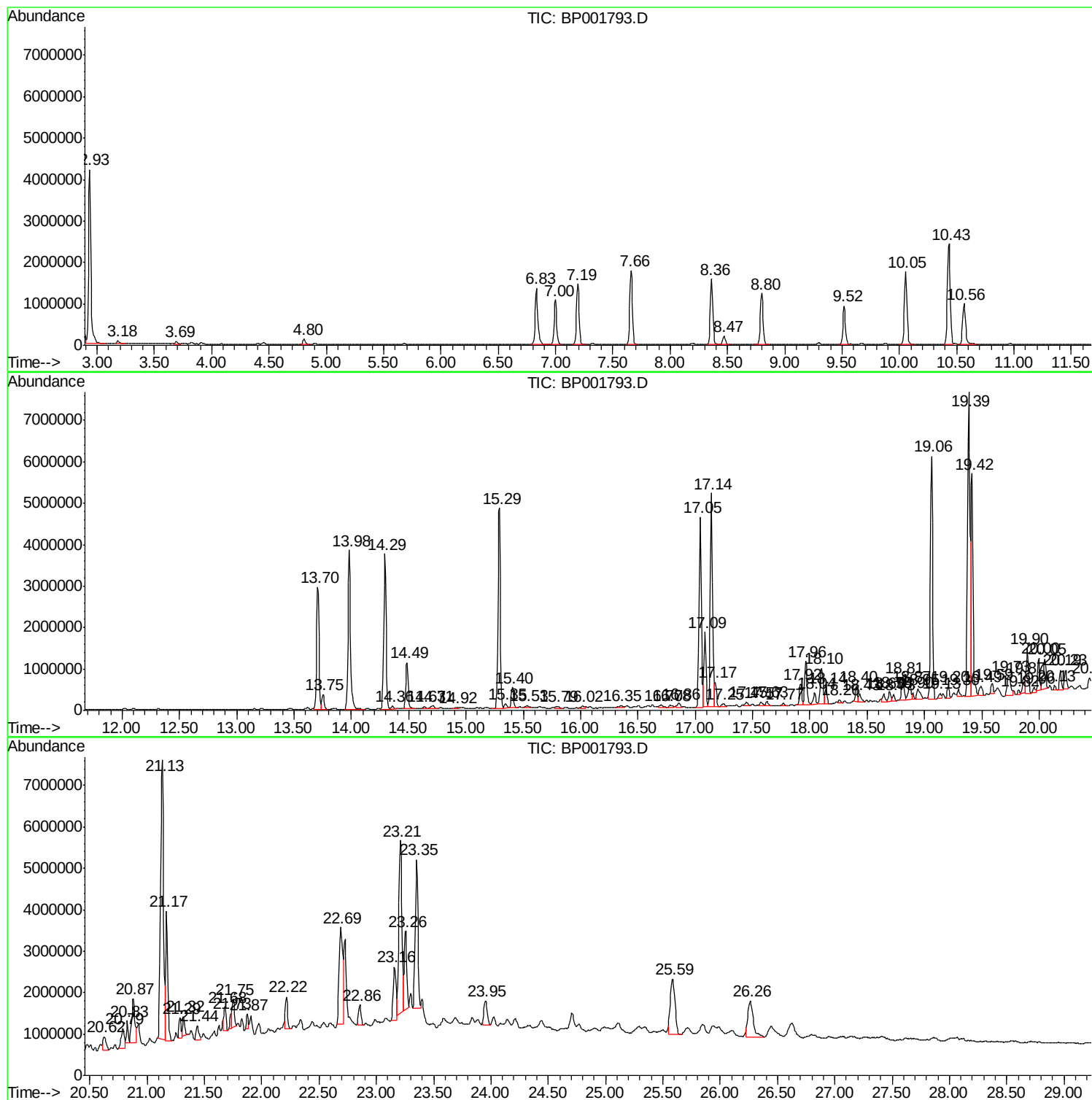
Sum of corrected areas: 174455967

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021820MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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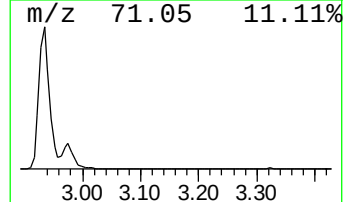
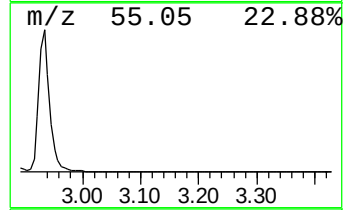
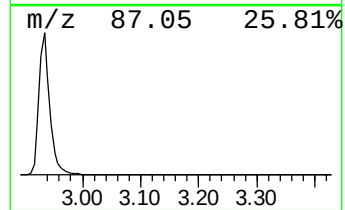
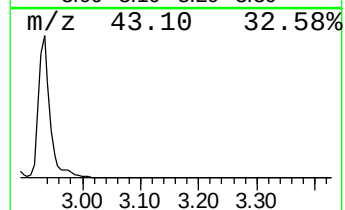
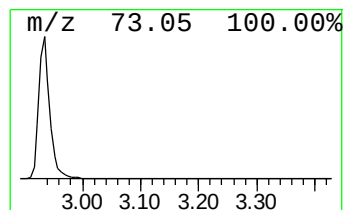
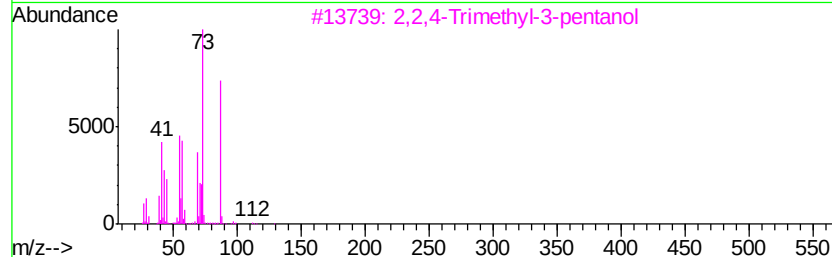
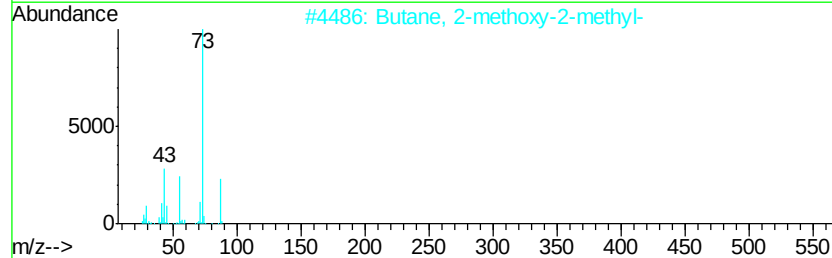
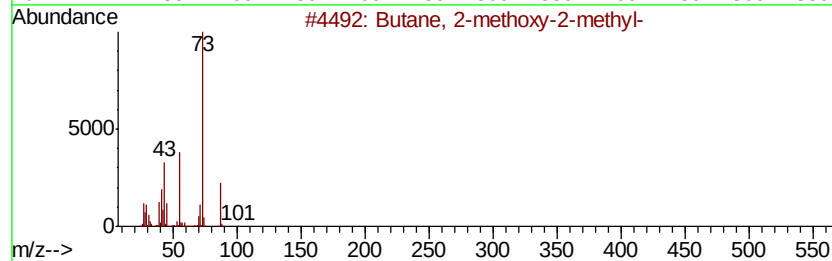
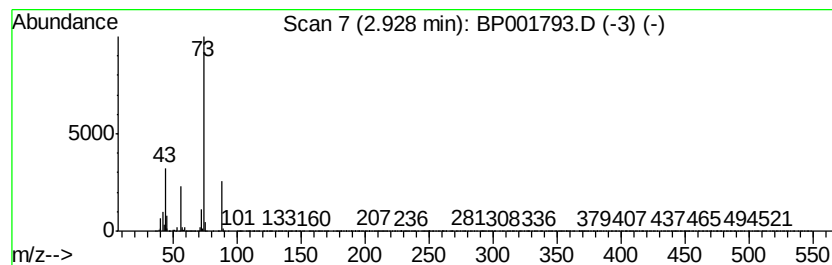
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021820MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.93	40.89 ng/ul	5695230	1,4-Dichlorobenzene-d4	7.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	74
2		Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	72
3		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
4		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
5		Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9



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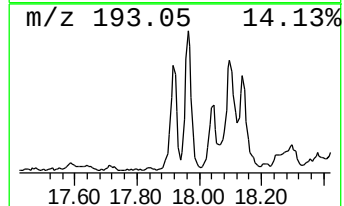
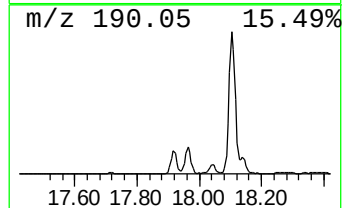
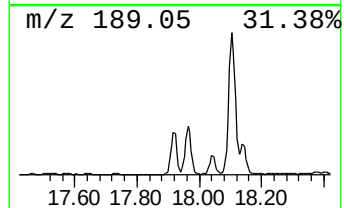
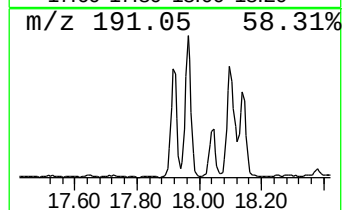
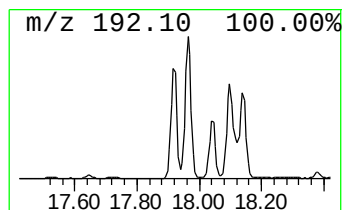
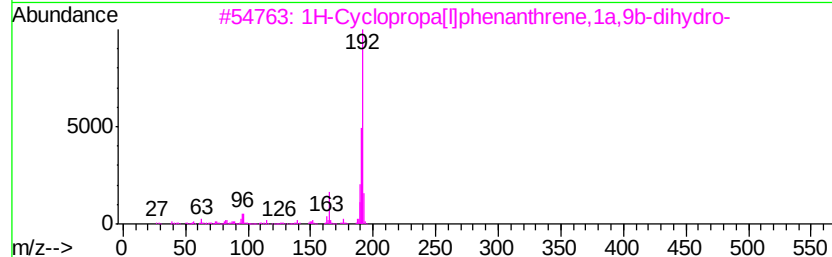
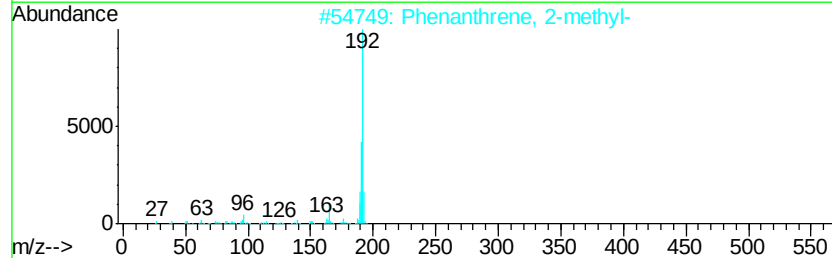
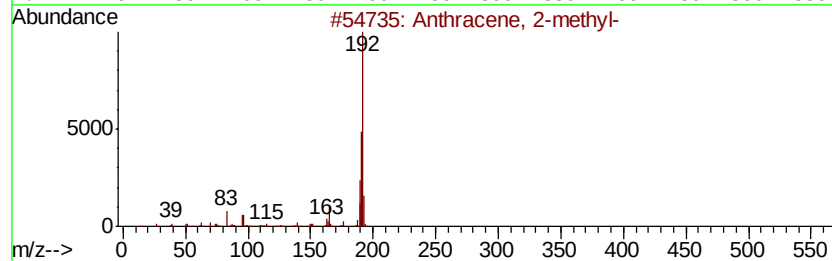
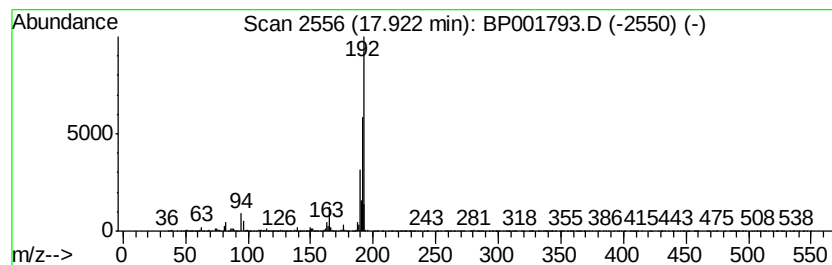
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 Anthracene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD		R.T.	
17.92	2.09 ng/ul	711713	Phenanthrene-d10		17.05	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3		1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	95
4		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
5		1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	94



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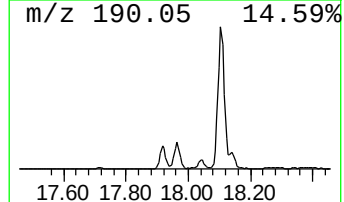
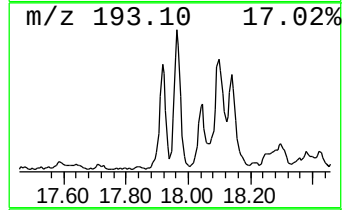
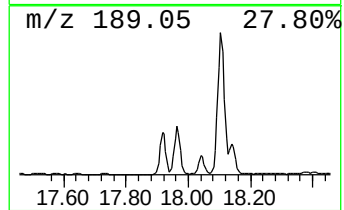
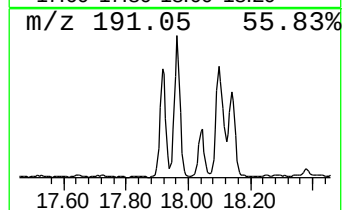
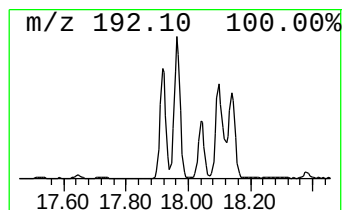
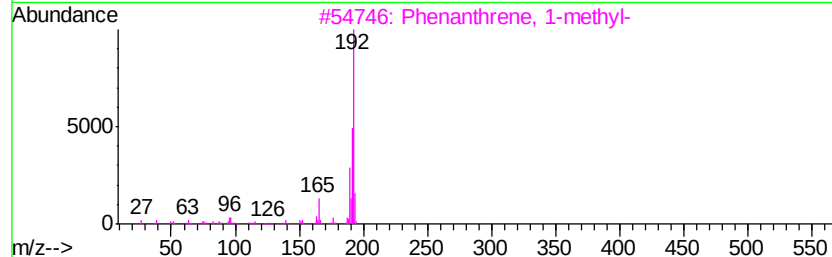
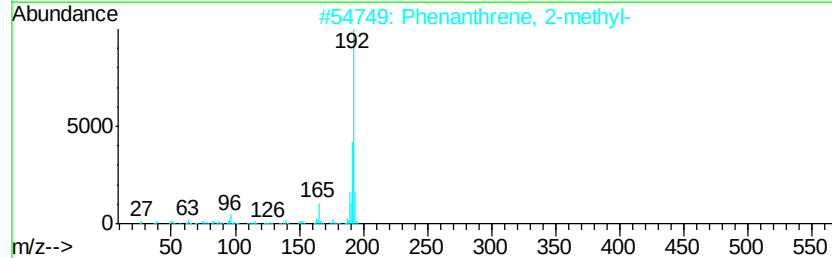
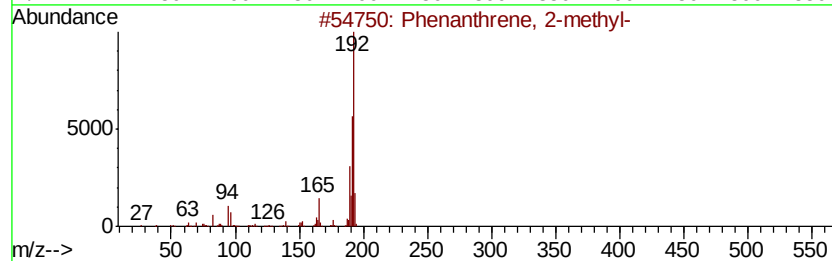
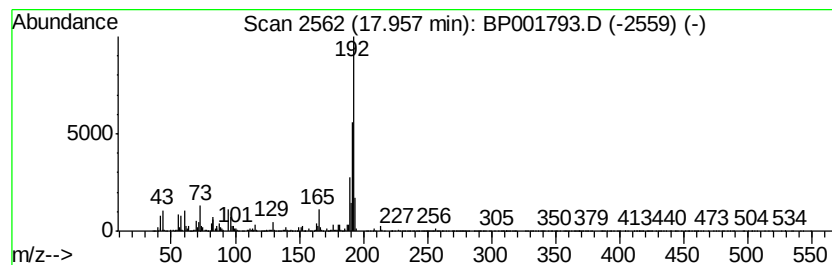
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Peak Number 3 Phenanthrene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.96	4.34 ng/ul	1477810	Phenanthrene-d10	17.05	
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	97
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	95



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Data File : BP001793.D
Acq On : 19 Feb 2020 23:58
Operator : CG/JU
Sample : L1424-12
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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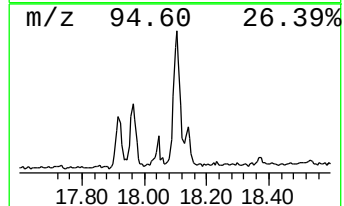
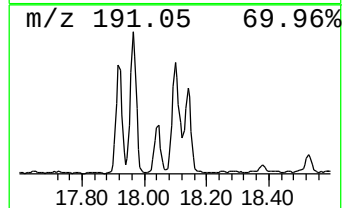
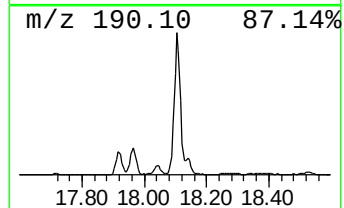
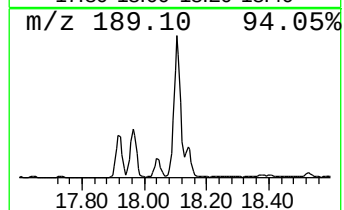
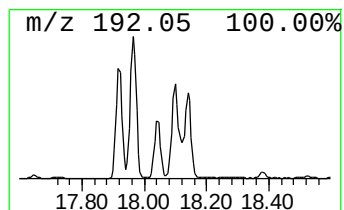
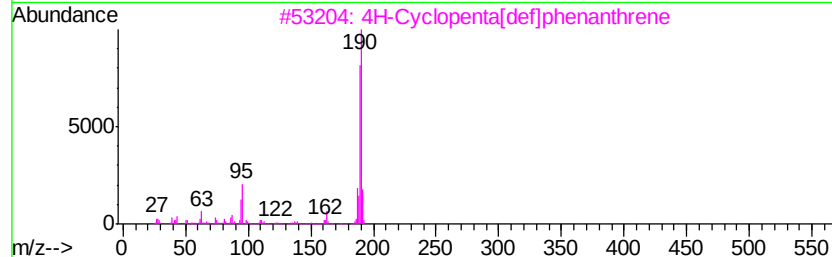
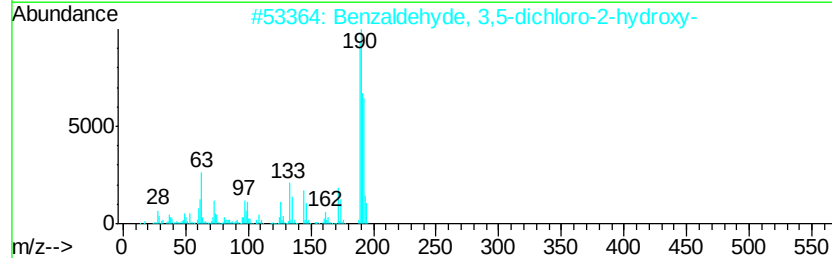
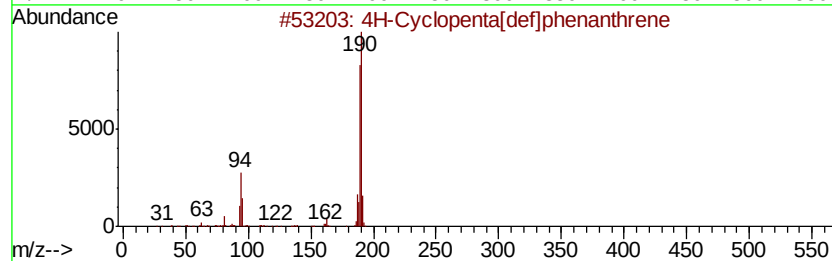
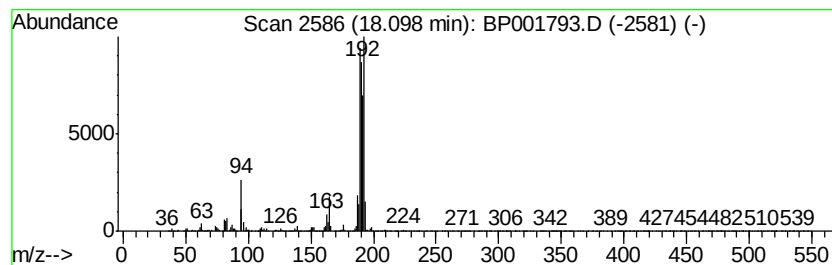
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.10	4.42 ng/ul	1504140	Phenanthrene-d10	17.05

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2		Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	72
3		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	53
4		1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	30
5		Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	30



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP021920\
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Sample : L1424-12
Misc :
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ClientSampleId :
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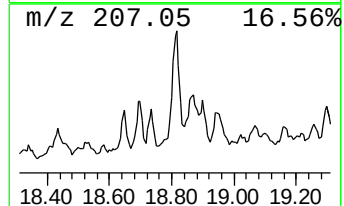
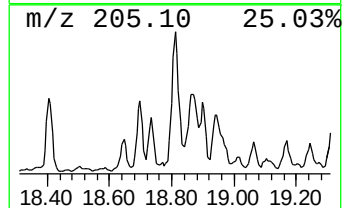
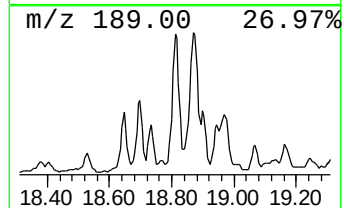
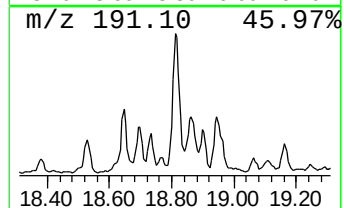
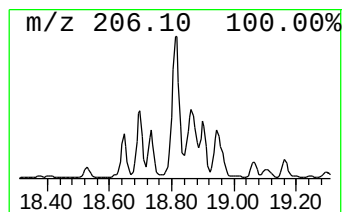
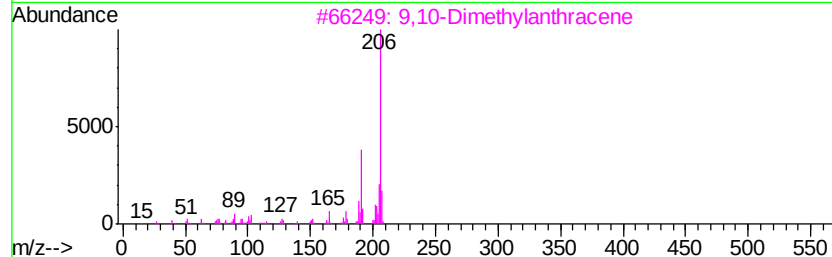
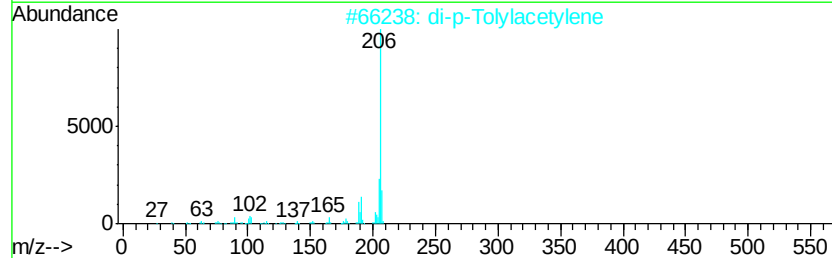
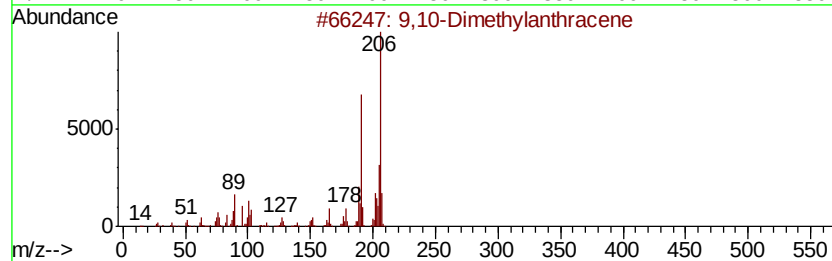
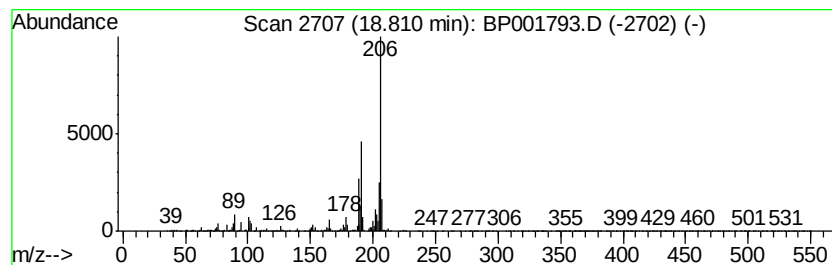
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 9,10-Dimethylantracene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.81	2.57 ng/ul	873722	Phenanthrene-d10	17.05

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9,10-Dimethylantracene	206	C16H14	000781-43-1	91
2		di-p-Tolylacetylene	206	C16H14	002789-88-0	91
3		9,10-Dimethylantracene	206	C16H14	000781-43-1	91
4		9,10-Dimethylantracene	206	C16H14	000781-43-1	90
5		Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	90



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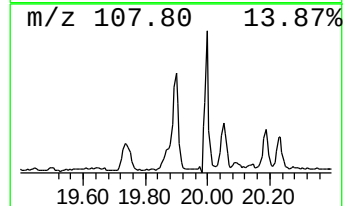
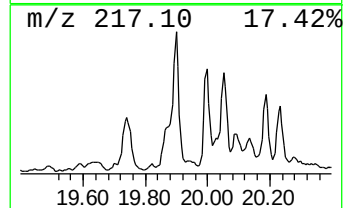
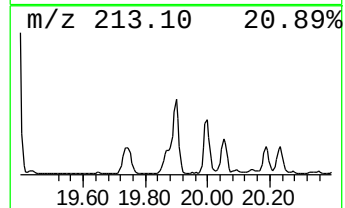
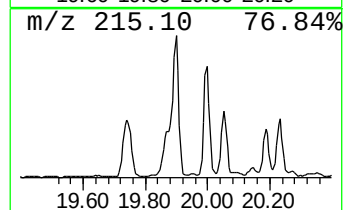
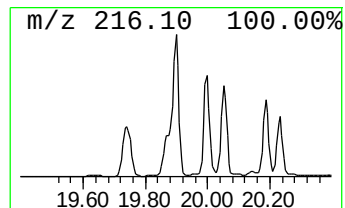
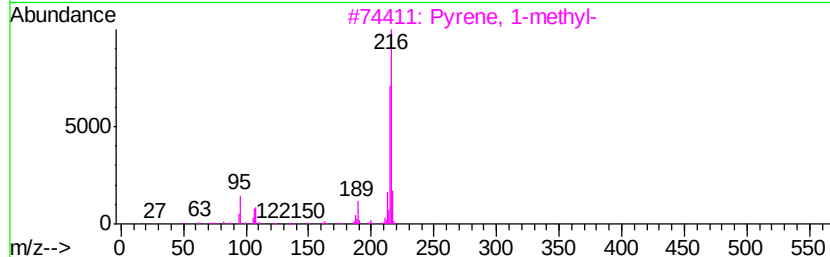
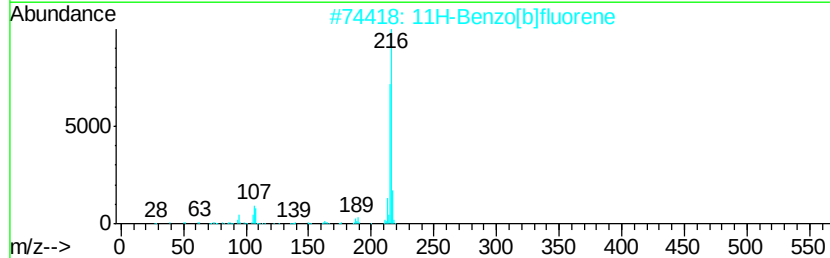
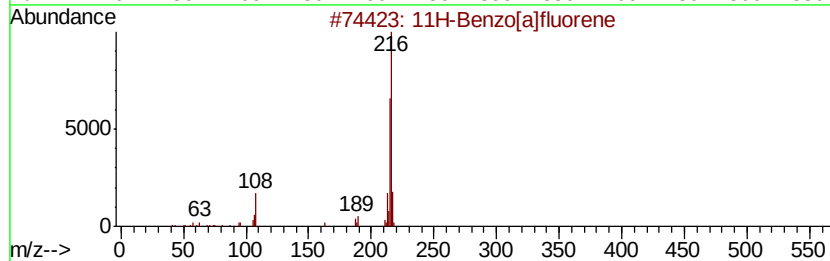
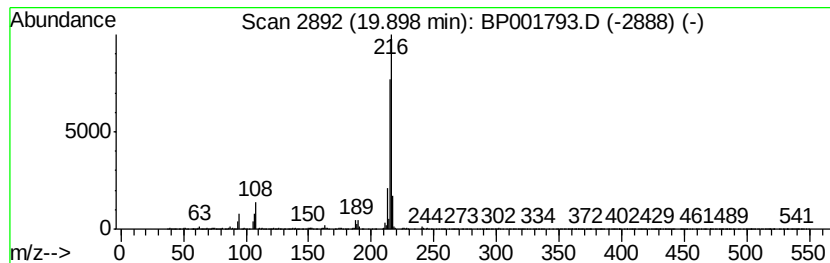
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 11H-Benzo[a]fluorene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.90	2.41 ng/ul	1516540	Chrysene-d12	21.13

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	95
2			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
3			Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
4			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
5			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP021920\
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Misc :
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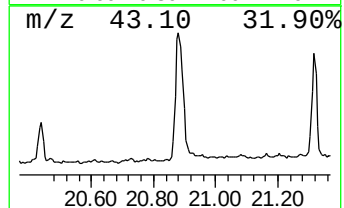
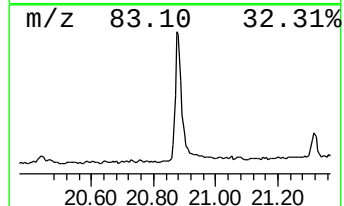
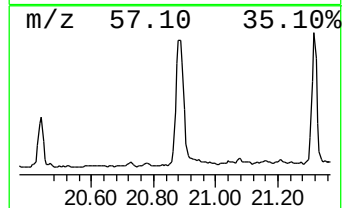
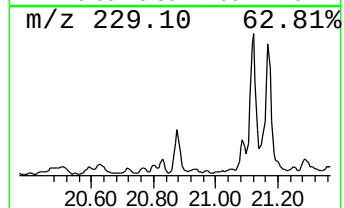
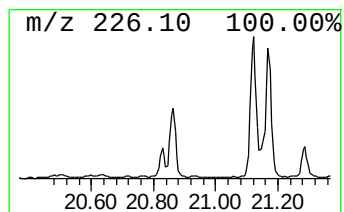
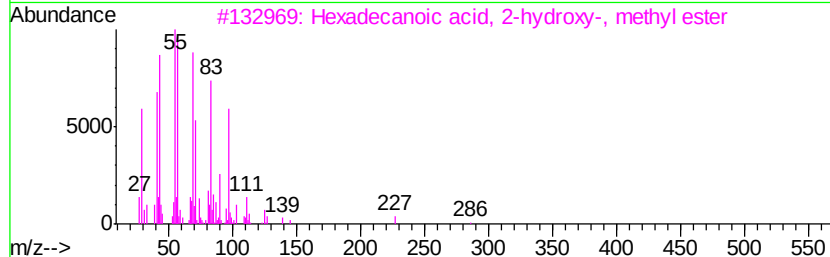
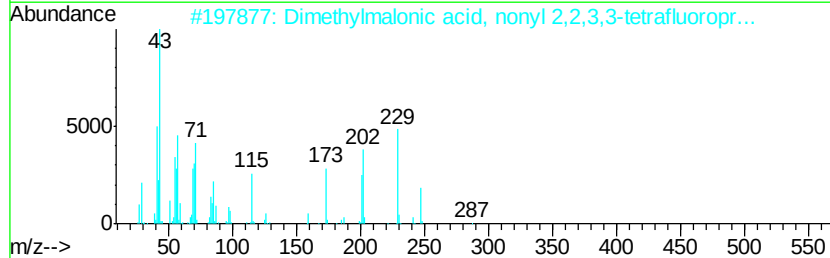
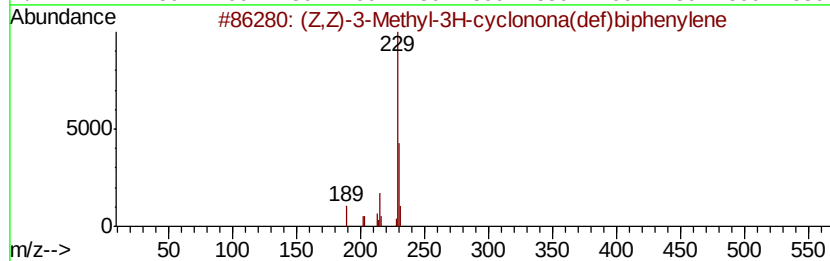
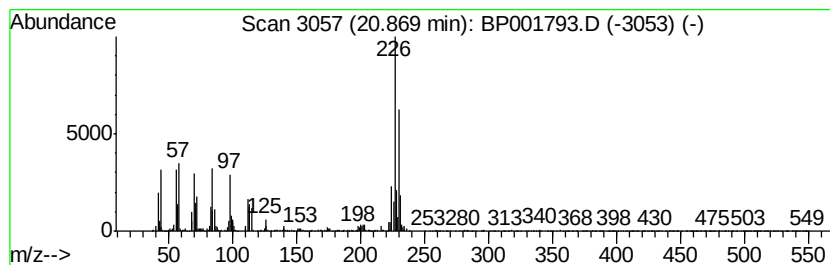
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 unknown-01 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.87	3.31 ng/ul	2083990	Chrysene-d12	21.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(Z,Z)-3-Methyl-3H-cyclonona(def)...	230	C18H14	110823-80-8	39
2		Dimethylmalonic acid, nonyl 2,2,...	372	C17H28F4O4	1000361-92-0	37
3		Hexadecanoic acid, 2-hydroxy-, m...	286	C17H34O3	016742-51-1	25
4		7-Chloro-2-phenazinamine	229	C12H8ClN3	023677-11-4	22
5		Naphtho(2,3-h)quinoline	229	C17H11N	000084-56-0	20



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP021920\
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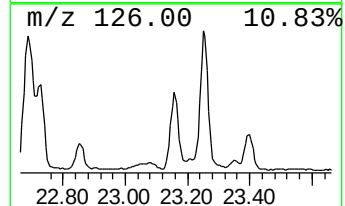
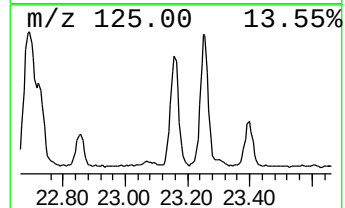
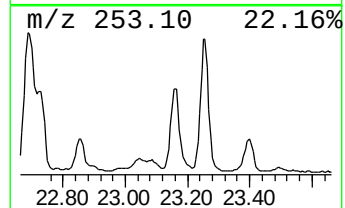
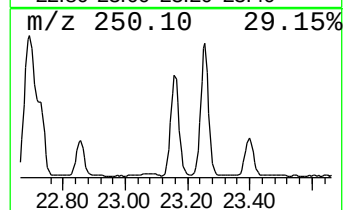
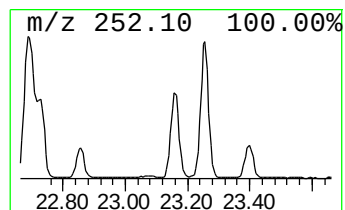
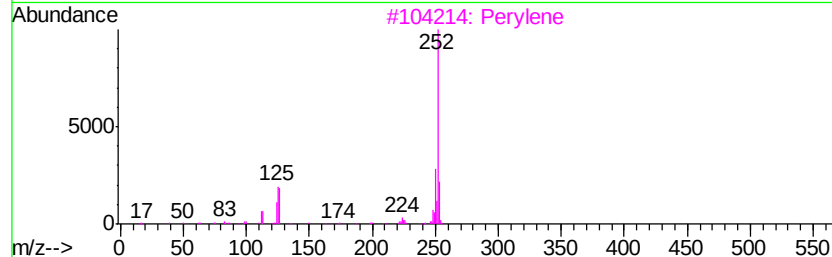
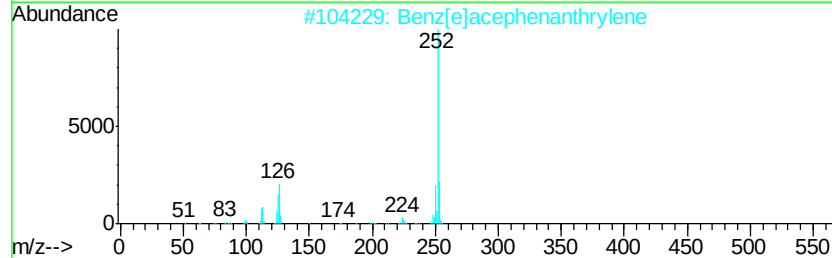
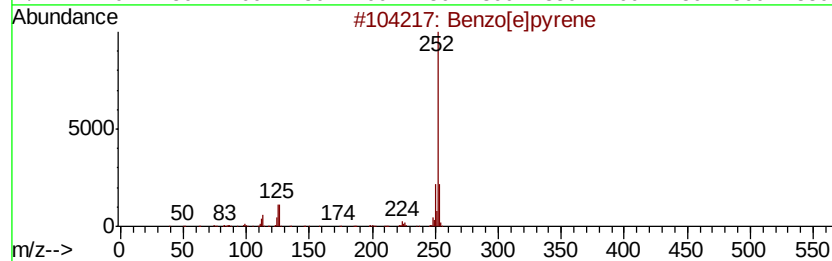
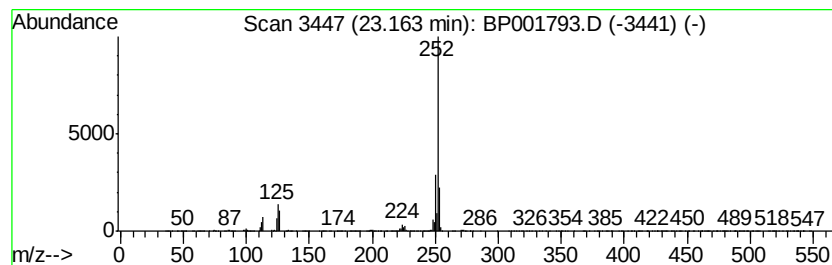
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.16	7.67 ng/ul	2362930	Perylene-d12	23.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2		Benz[e]acephenanthrylene	252	C20H12	000205-99-2	96
3		Perylene	252	C20H12	000198-55-0	95
4		Benzo[a]pyrene	252	C20H12	000050-32-8	94
5		Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP021920\
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ALS Vial : 20 Sample Multiplier: 1

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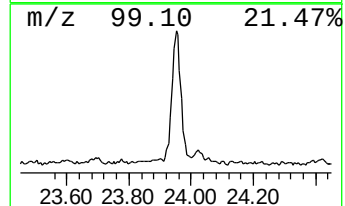
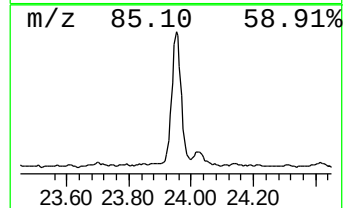
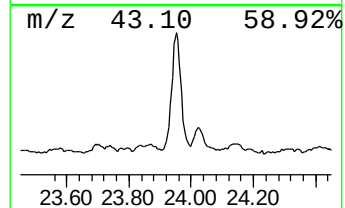
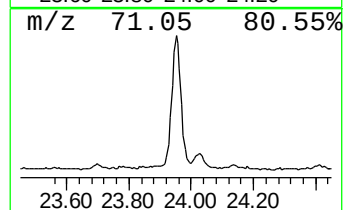
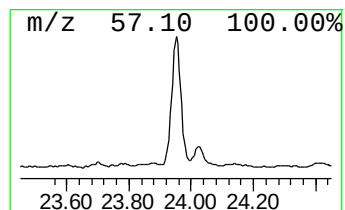
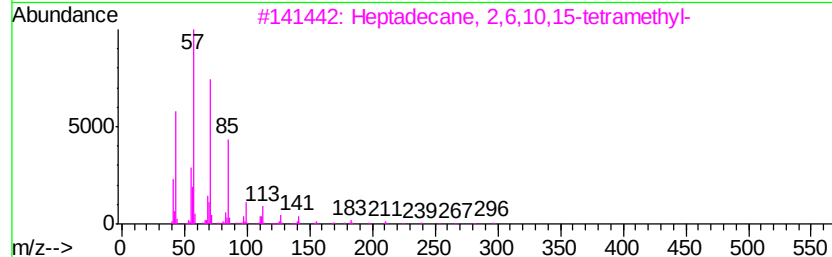
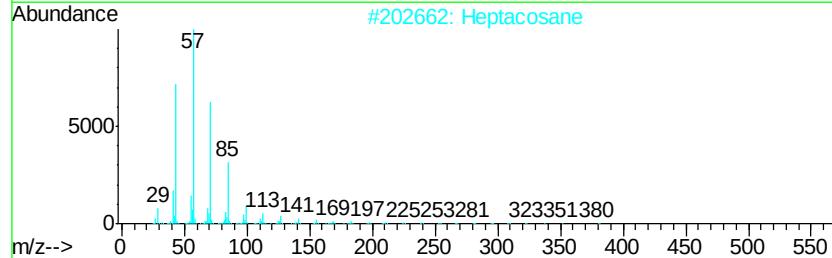
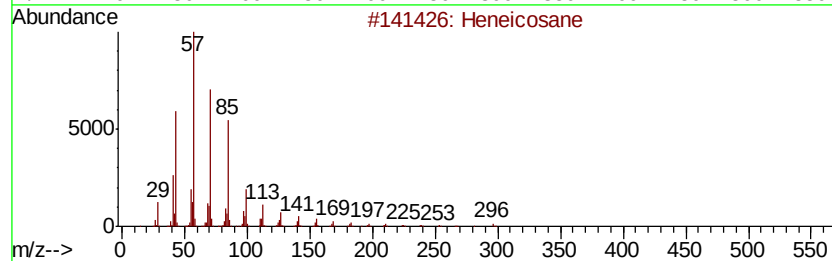
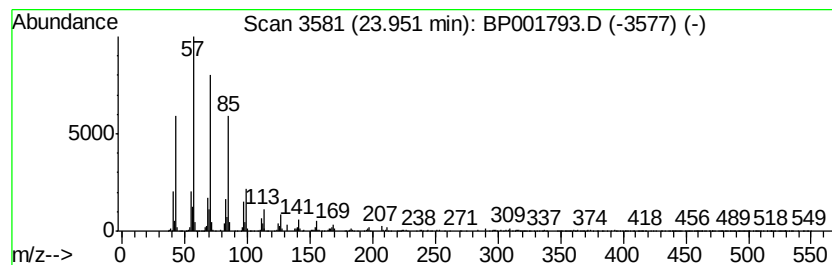
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.95	3.65 ng/ul	1126310	Perylene-d12	23.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Heptacosane	380	C27H56	000593-49-7	91
3		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	91
4		2-methyloctacosane	408	C29H60	1000376-72-8	91
5		Tetracosane	338	C24H50	000646-31-1	90



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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
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Anthracene, 2-met...	17.92	2.1	ng/ul	711713	4	17.05	6803980	20.0
Phenanthrene, 2-m...	17.96	4.3	ng/ul	1477810	4	17.05	6803980	20.0
4H-Cyclopenta[def...	18.10	4.4	ng/ul	1504140	4	17.05	6803980	20.0
9,10-Dimethylanthe...	18.81	2.6	ng/ul	873722	4	17.05	6803980	20.0
11H-Benzo[a]fluorene	19.90	2.4	ng/ul	1516540	5	21.13	12584600	20.0
unknown-01	20.87	3.3	ng/ul	2083990	5	21.13	12584600	20.0
Benzo[e]pyrene	23.16	7.7	ng/ul	2362930	6	23.35	6164450	20.0
(DEL) Alkane: Str...	23.95	3.6	ng/ul	1126310	6	23.35	6164450	20.0