

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP022020\
 Data File : BP001817.D
 Acq On : 20 Feb 2020 23:29
 Operator : CG/JU
 Sample : L1418-19
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 C5B21

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	2.940	4	9	15	rBV	1528787	2101616	26.27%	1.875%
2	3.187	47	51	56	rVB	52622	69332	0.87%	0.062%
3	3.605	117	122	128	rVB	32169	48584	0.61%	0.043%
4	3.693	132	137	146	rVV	172844	243216	3.04%	0.217%
5	3.770	146	150	156	rVV3	32450	62523	0.78%	0.056%
6	3.917	170	175	183	rVB	27446	46376	0.58%	0.041%
7	4.452	262	266	272	rVB2	24344	36233	0.45%	0.032%
8	4.811	322	327	332	rBV3	63083	97072	1.21%	0.087%
9	4.899	339	342	350	rVB	29051	46005	0.58%	0.041%
10	6.175	553	559	566	rBV	39888	66030	0.83%	0.059%
11	6.840	662	672	688	rVB	1053307	1742702	21.78%	1.555%
12	6.999	693	699	707	rVV	853602	1289794	16.12%	1.151%
13	7.064	707	710	719	rVB	40481	61737	0.77%	0.055%
14	7.199	725	733	741	rBV	1151142	1809453	22.62%	1.614%
15	7.322	749	754	760	rVB3	36290	61896	0.77%	0.055%
16	7.658	805	811	820	rVV	1336236	2142739	26.78%	1.912%
17	8.034	870	875	883	rVB2	22299	37450	0.47%	0.033%
18	8.364	925	931	944	rVV	1205196	1912679	23.91%	1.706%
19	8.475	944	950	958	rVB	70783	120817	1.51%	0.108%
20	8.799	992	1005	1019	rBV	989777	1689598	21.12%	1.507%
21	9.293	1082	1089	1095	rVV	39837	63034	0.79%	0.056%
22	9.522	1121	1128	1136	rBV	804447	1334131	16.68%	1.190%
23	9.846	1177	1183	1187	rBV2	28918	52683	0.66%	0.047%
24	10.058	1211	1219	1233	rBV	1436802	2358469	29.48%	2.104%
25	10.434	1275	1283	1289	rBV	1893794	3150870	39.38%	2.811%
26	10.481	1289	1291	1298	rVV2	41500	65393	0.82%	0.058%
27	10.563	1298	1305	1323	rVV	780308	1453442	18.17%	1.297%
28	12.022	1550	1553	1561	rVB	24591	39284	0.49%	0.035%
29	12.322	1598	1604	1612	rVB	72881	114660	1.43%	0.102%
30	13.216	1749	1756	1766	rBV	383380	622634	7.78%	0.556%
31	13.616	1817	1824	1829	rVV	41013	77193	0.96%	0.069%
32	13.710	1834	1840	1844	rVV	2416759	3314710	41.43%	2.957%
33	13.757	1844	1848	1854	rVB	504250	710103	8.88%	0.634%
34	13.981	1879	1886	1899	rBV	2904630	4451482	55.64%	3.972%

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35	14.293	1932	1939	1946	rBV	2906909	4202381	52.53%	3.749%
36	14.357	1946	1950	1958	rVB	68011	103206	1.29%	0.092%
37	14.493	1967	1973	1983	rBV	915203	1350923	16.89%	1.205%
38	14.640	1994	1998	2004	rBV	47595	64090	0.80%	0.057%
39	14.710	2004	2010	2018	rVB4	61668	143141	1.79%	0.128%
40	14.781	2018	2022	2026	rVB2	29498	41922	0.52%	0.037%
41	14.922	2042	2046	2052	rVV4	39536	78063	0.98%	0.070%
42	15.098	2069	2076	2078	rBV6	20301	44759	0.56%	0.040%
43	15.181	2085	2090	2095	rVB3	19443	42611	0.53%	0.038%
44	15.293	2102	2109	2115	rBV	3883859	5312565	66.40%	4.740%
45	15.351	2115	2119	2124	rVB2	120134	209282	2.62%	0.187%
46	15.410	2124	2129	2134	rBV	620596	888837	11.11%	0.793%
47	15.534	2147	2150	2154	rVB2	28943	39540	0.49%	0.035%
48	15.645	2165	2169	2173	rBV	38694	55894	0.70%	0.050%
49	15.798	2190	2195	2202	rVB3	36688	85811	1.07%	0.077%
50	16.022	2229	2233	2237	rBV6	25966	60043	0.75%	0.054%
51	16.081	2240	2243	2249	rVB4	31633	43925	0.55%	0.039%
52	16.404	2295	2298	2304	rVB3	45324	62119	0.78%	0.055%
53	16.592	2327	2330	2333	rBV2	30168	43110	0.54%	0.038%
54	16.628	2334	2336	2340	rVB3	39090	40315	0.50%	0.036%
55	16.698	2343	2348	2358	rBV	248212	432447	5.41%	0.386%
56	16.787	2360	2363	2368	rBV2	32939	55610	0.70%	0.050%
57	17.045	2401	2407	2411	rBV	3467648	5024701	62.80%	4.483%
58	17.087	2411	2414	2419	rVB	1298531	1630508	20.38%	1.455%
59	17.145	2419	2424	2428	rBV	3769498	5454014	68.17%	4.866%
60	17.245	2436	2441	2447	rBV3	58999	115830	1.45%	0.103%
61	17.457	2473	2477	2482	rVB2	109097	161293	2.02%	0.144%
62	17.581	2494	2498	2503	rBV2	47845	81781	1.02%	0.073%
63	17.628	2503	2506	2511	rVB2	65566	85651	1.07%	0.076%
64	17.922	2551	2556	2560	rBV	309257	442571	5.53%	0.395%
65	17.969	2560	2564	2570	rVV	778944	1068848	13.36%	0.954%
66	18.045	2572	2577	2581	rVV2	169689	284754	3.56%	0.254%
67	18.104	2582	2587	2591	rVV2	508544	892834	11.16%	0.797%
68	18.139	2591	2593	2601	rVB	241637	334685	4.18%	0.299%
69	18.257	2610	2613	2618	rBV4	65680	93143	1.16%	0.083%
70	18.410	2635	2639	2641	rBV	168414	214302	2.68%	0.191%
71	18.439	2641	2644	2652	rVB3	128076	163447	2.04%	0.146%

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72	18.651	2677	2680	2683	rVB	87841	92641	1.16%	0.083%
73	18.698	2685	2688	2691	rBV	102520	124624	1.56%	0.111%
74	18.810	2703	2707	2712	rBV	250657	406312	5.08%	0.363%
75	18.875	2714	2718	2721	rBV2	162845	226836	2.84%	0.202%
76	18.945	2726	2730	2739	rBV3	158155	345924	4.32%	0.309%
77	19.063	2745	2750	2756	rVB	3248943	4137047	51.71%	3.691%
78	19.210	2772	2775	2779	rBV2	112708	127997	1.60%	0.114%
79	19.386	2800	2805	2808	rBV	5279019	7621030	95.25%	6.799%
80	19.416	2808	2810	2819	rVV	2940438	3430883	42.88%	3.061%
81	19.492	2820	2823	2829	rVB2	120394	216019	2.70%	0.193%
82	19.592	2837	2840	2843	rBV	170828	183946	2.30%	0.164%
83	19.745	2861	2866	2870	rVB2	189103	363557	4.54%	0.324%
84	19.869	2884	2887	2888	rBV2	163874	191500	2.39%	0.171%
85	19.898	2889	2892	2898	rVB	581177	834970	10.44%	0.745%
86	19.998	2905	2909	2912	rBV	497793	616140	7.70%	0.550%
87	20.028	2912	2914	2916	rVV	278820	327135	4.09%	0.292%
88	20.051	2916	2918	2923	rVB2	353262	464234	5.80%	0.414%
89	20.192	2939	2942	2945	rBV	211227	238064	2.98%	0.212%
90	20.233	2947	2949	2954	rVB	225328	250916	3.14%	0.224%
91	20.828	3048	3050	3053	rVB	229541	220735	2.76%	0.197%
92	20.875	3054	3058	3064	rBV4	1289481	2034029	25.42%	1.815%
93	21.133	3096	3102	3106	rBV2	4729308	8000680	100.00%	7.138%
94	21.169	3106	3108	3118	rVB	1495666	1898249	23.73%	1.694%
95	21.751	3203	3207	3212	rVB2	1618248	2101712	26.27%	1.875%
96	22.692	3362	3367	3369	rBV	1135653	2029622	25.37%	1.811%
97	22.727	3369	3373	3378	rVB	2219626	3518872	43.98%	3.139%
98	23.163	3443	3447	3450	rBV	630818	1012299	12.65%	0.903%
99	23.210	3450	3455	3460	rVV	3025964	5296392	66.20%	4.725%
100	23.357	3474	3480	3485	rBV	2654358	4829911	60.37%	4.309%

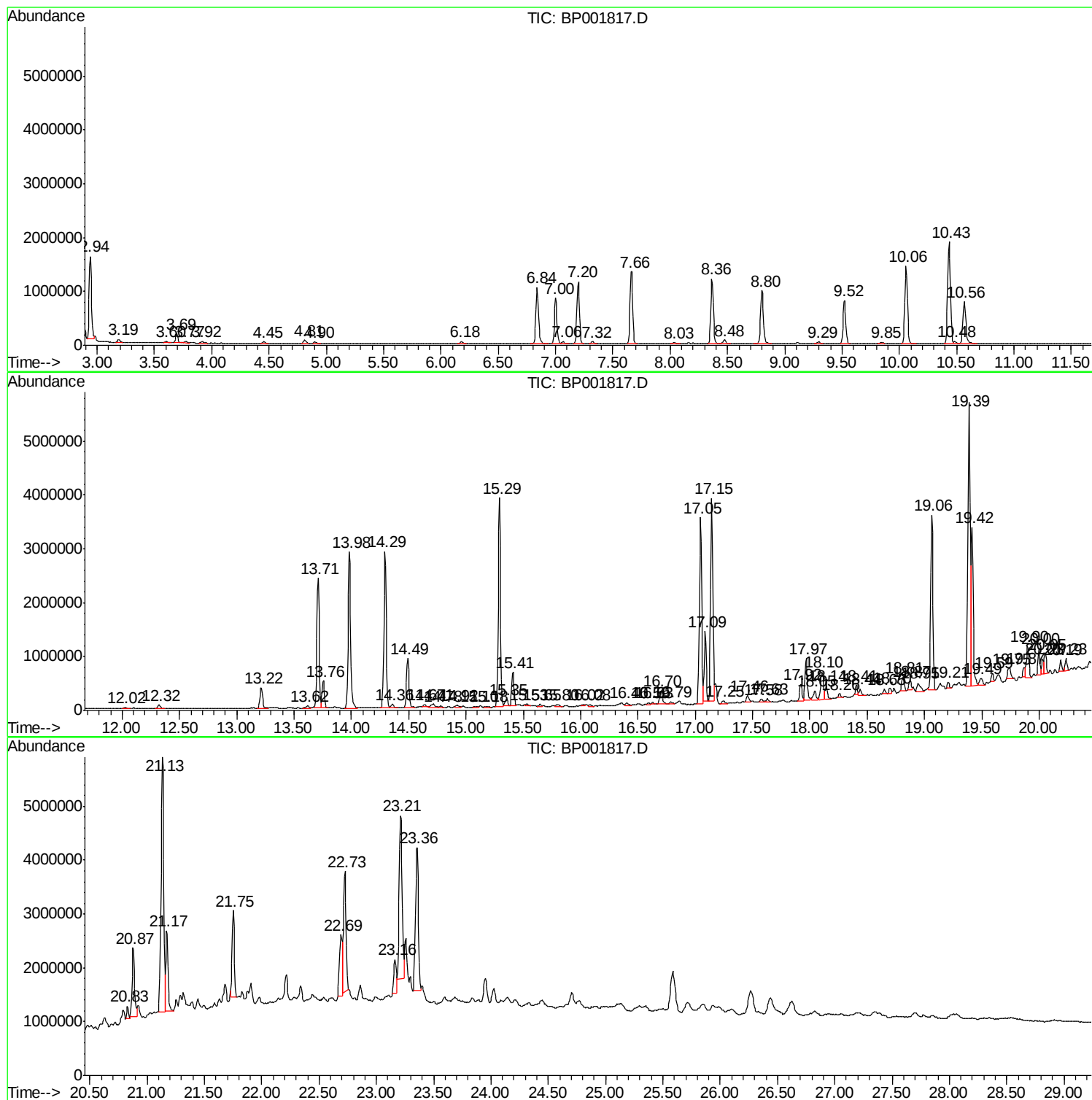
Sum of corrected areas: 112085172

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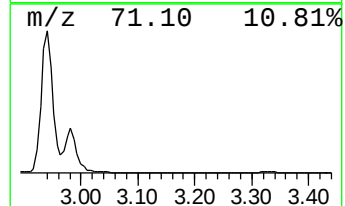
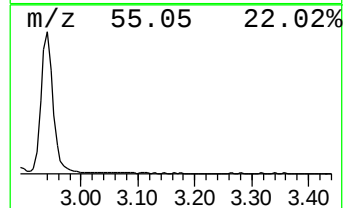
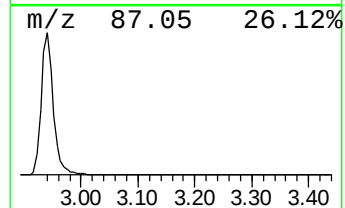
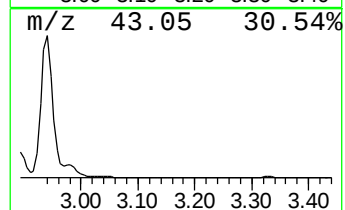
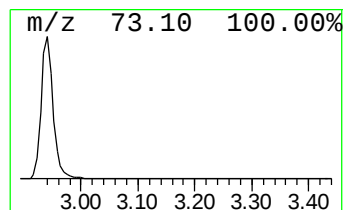
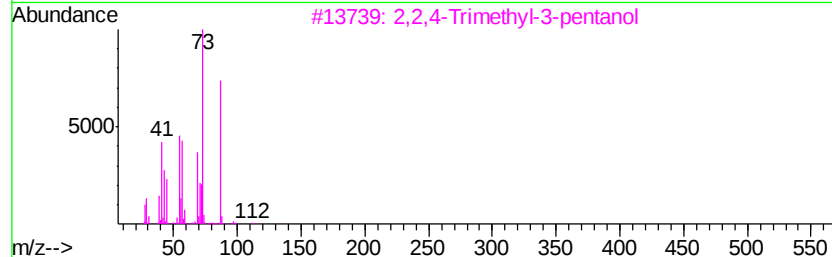
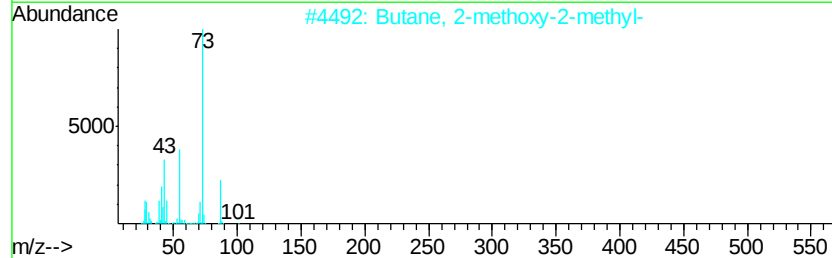
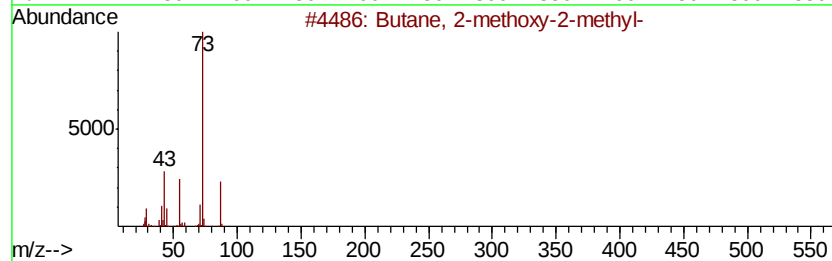
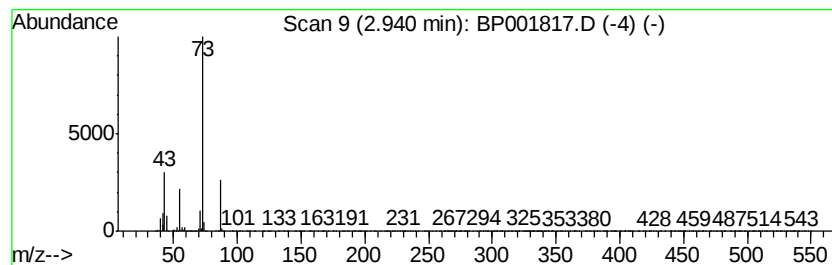
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021820MA.M
Quant Title : SVOA CALIBRATION

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.
2.94	19.62 ng/ul	2101620	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	83
2		Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	64
3		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	43
4		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
5		N-Ethylformamide	73	C3H7NO	000627-45-2	9



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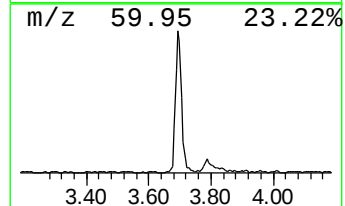
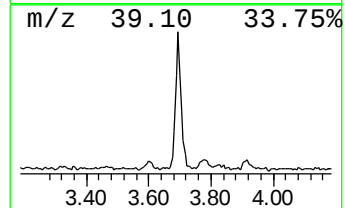
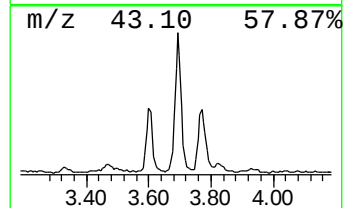
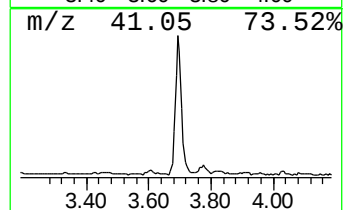
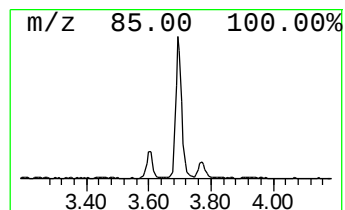
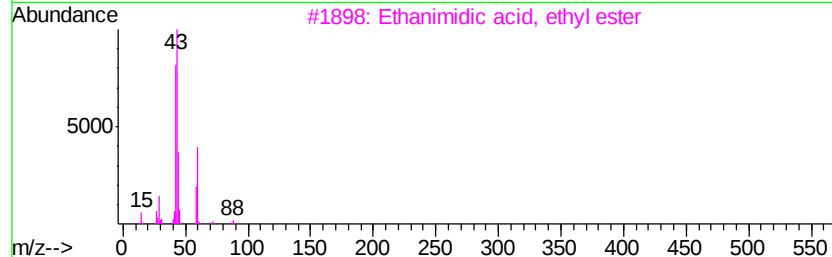
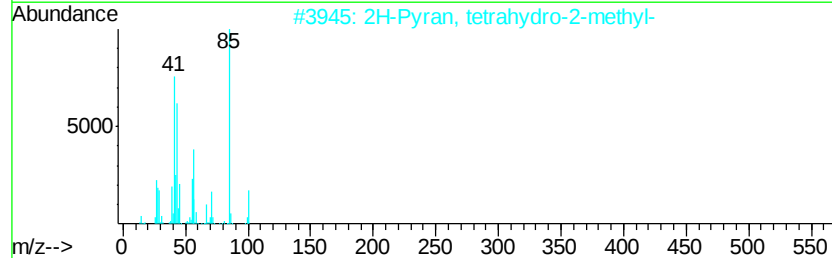
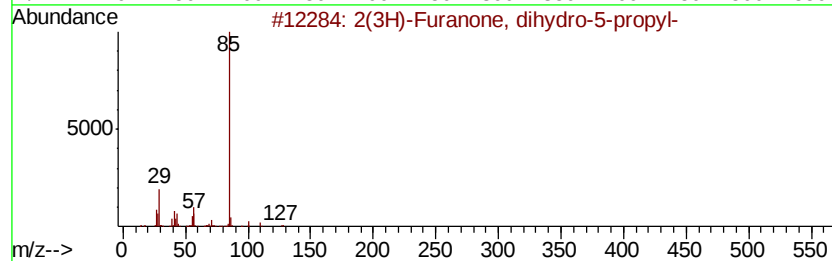
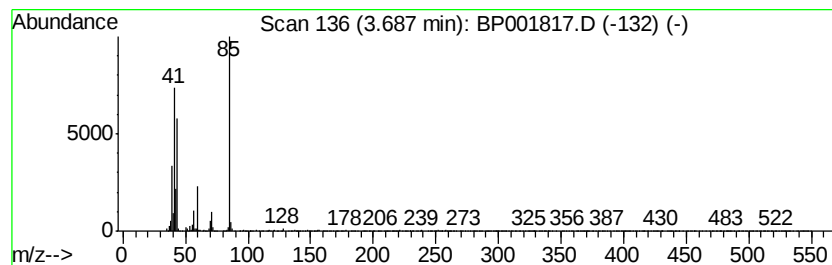
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021820MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 unknown-01 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.69	2.27 ng/ul	243216	1,4-Dichlorobenzene-d4	7.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2(3H)-Furanone, dihydro-5-propyl-	128	C7H12O2	000105-21-5	42
2		2H-Pyran, tetrahydro-2-methyl-	100	C6H12O	010141-72-7	38
3		Ethanimidic acid, ethyl ester	87	C4H9NO	001000-84-6	9
4		2H-Pyran, 2-[5-cyclopropylidene...	210	C13H22O2	123416-83-1	9
5		2-Pentanone, 3-ethyl-3-methyl-	128	C8H16O	019780-65-5	9



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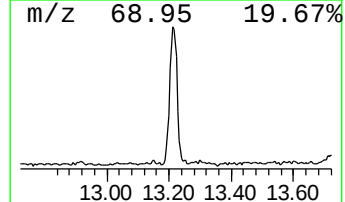
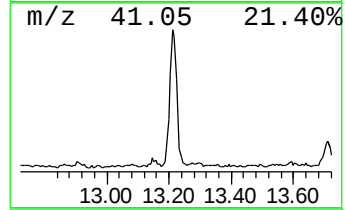
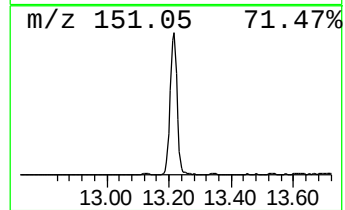
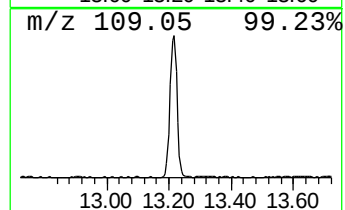
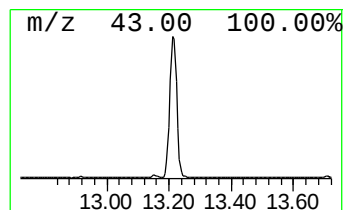
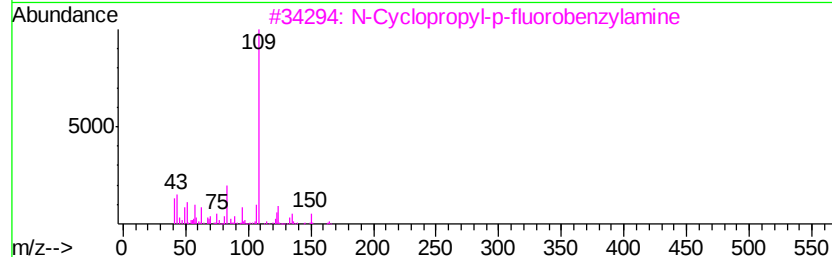
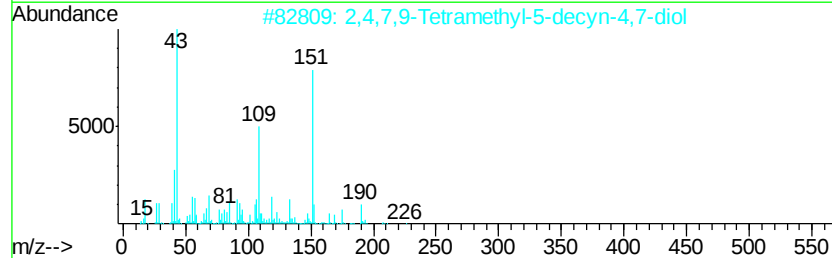
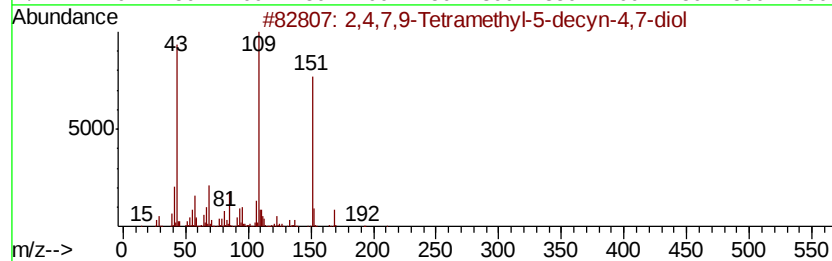
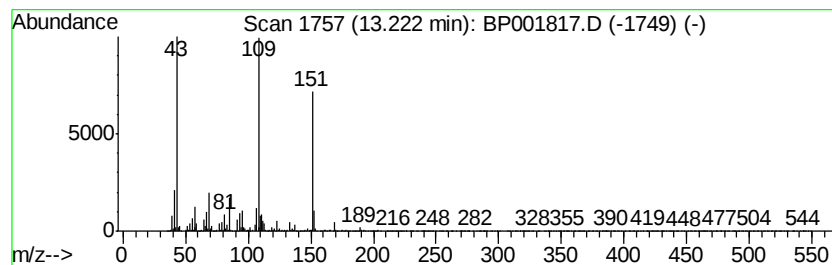
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TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.22	2.96 ng/ul	622634	Acenaphthene-d10	14.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	68
2		2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	50
3		N-Cyclopropyl-p-fluorobenzylamine	165	C10H12FN	1000250-88-9	47
4		1-(2-Pyrazinyl)-1-ethanol	124	C6H8N2O	094777-52-3	43
5		2-Propenal, 3-(2,2,6-trimethyl-7...	194	C12H18O2	055759-91-6	42



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Data File : BP001817.D
Acq On : 20 Feb 2020 23:29
Operator : CG/JU
Sample : L1418-19
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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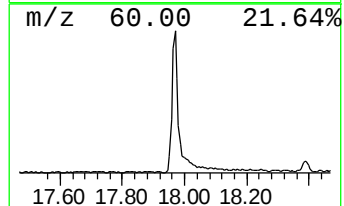
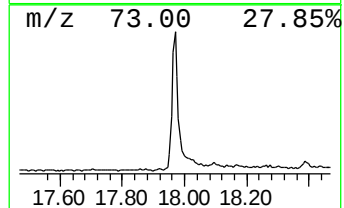
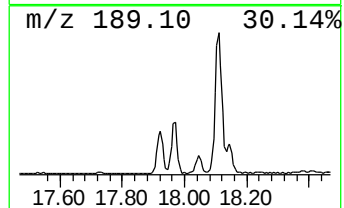
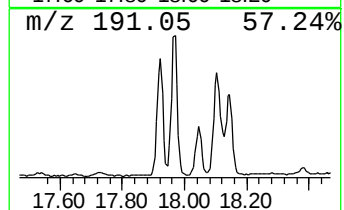
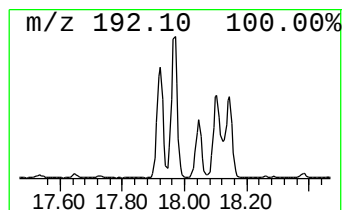
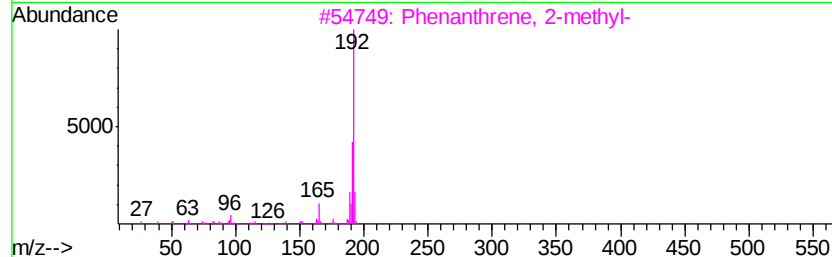
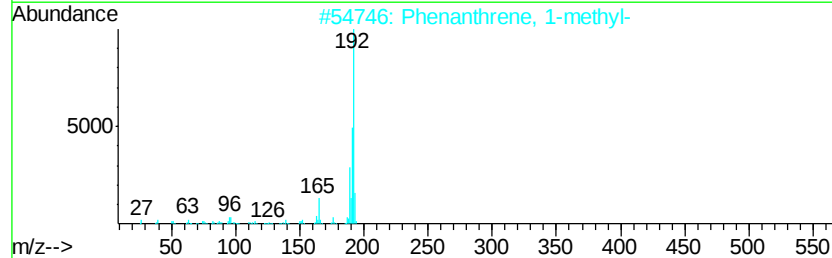
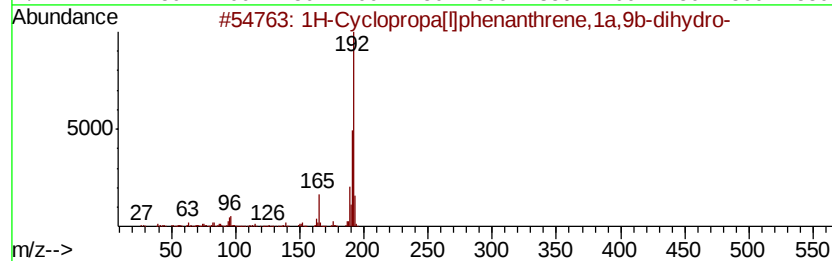
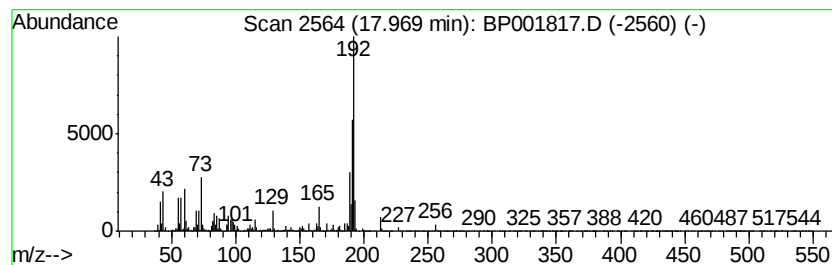
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 1H-Cyclopropa[l]phenanthren... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.97	4.25 ng/ul	1068850	Phenanthrene-d10	17.05

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		1H-Cyclopropa[l]phenanthrene, 1a, ...	192	C15H12	000949-41-7	97
2		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
4		Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
5		Anthracene, 2-methyl-	192	C15H12	000613-12-7	95



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Acq On : 20 Feb 2020 23:29
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ClientSampleId :
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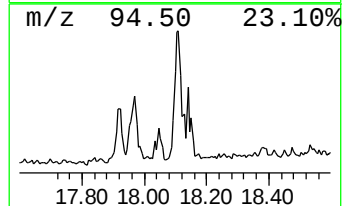
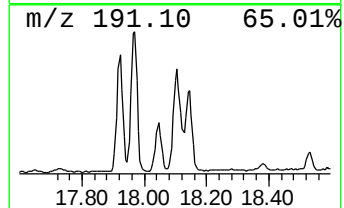
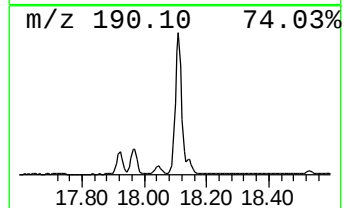
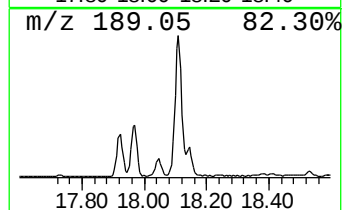
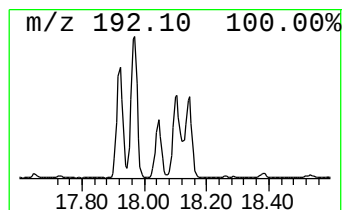
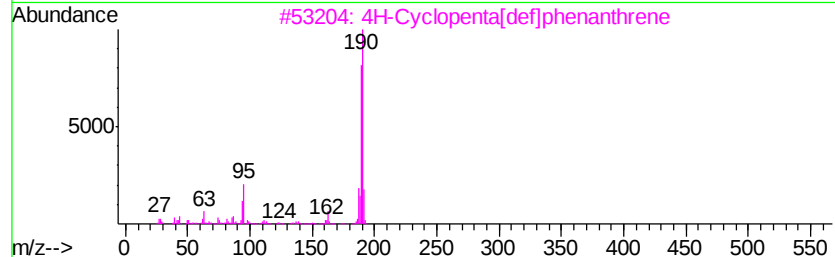
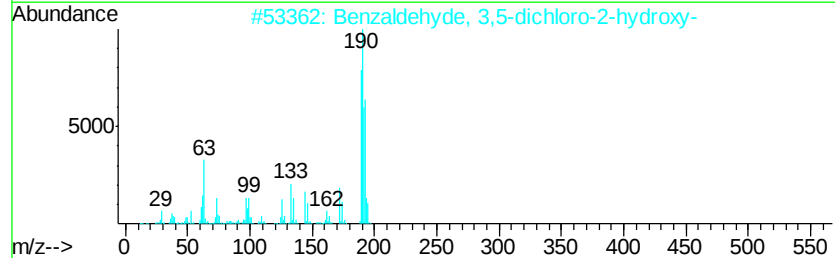
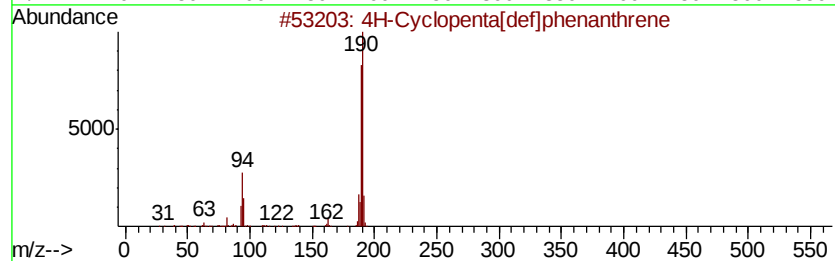
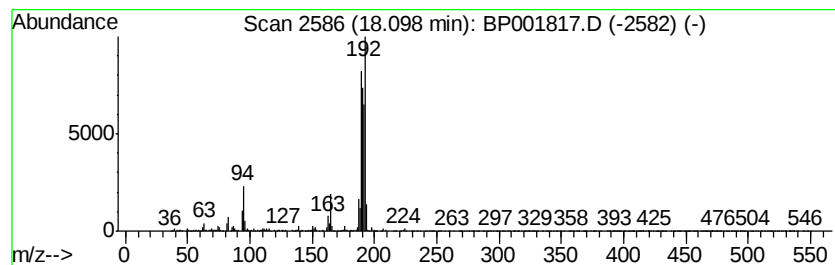
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 4H-Cyclopenta[def]phenanthrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.10	3.55 ng/ul	892834	Phenanthrene-d10	17.05

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	90
2		Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	64
3		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	46
4		5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	42
5		Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP022020\
Data File : BP001817.D
Acq On : 20 Feb 2020 23:29
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Sample : L1418-19
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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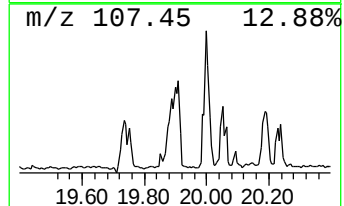
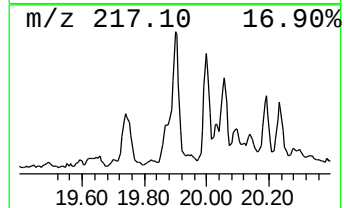
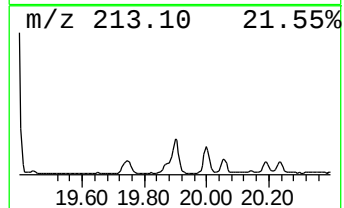
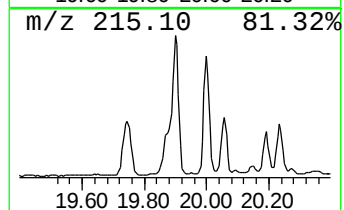
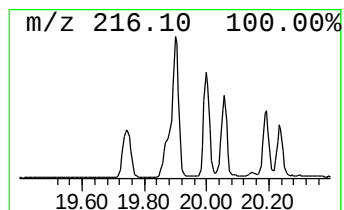
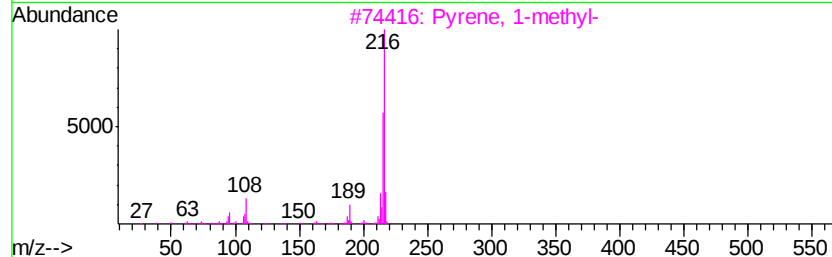
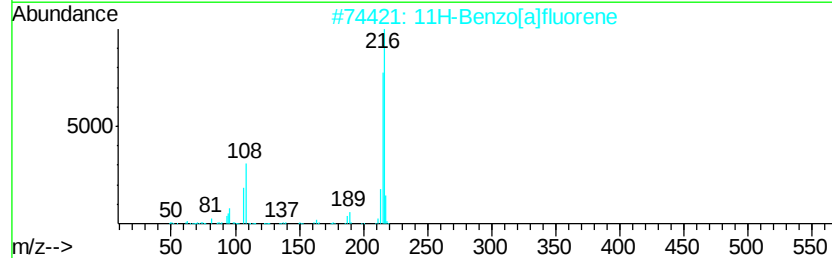
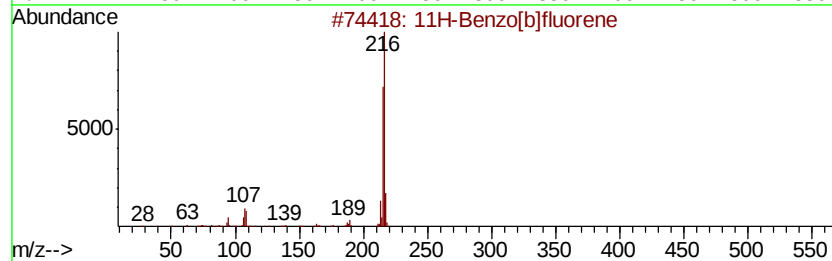
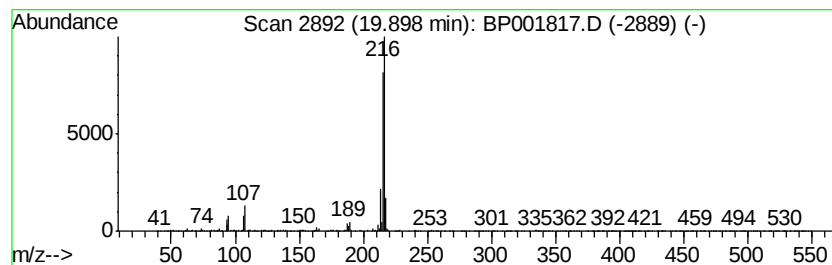
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 11H-Benzo[b]fluorene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.90	2.09 ng/ul	834970	Chrysene-d12	21.14

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
2		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81
3		Pvrene, 1-methyl-	216	C17H12	002381-21-7	80
4		Pvrene, 2-methyl-	216	C17H12	003442-78-2	76
5		7H-Benzo[c]fluorene	216	C17H12	000205-12-9	74



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP022020\
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Acq On : 20 Feb 2020 23:29
Operator : CG/JU
Sample : L1418-19
Misc :
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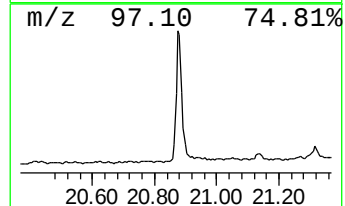
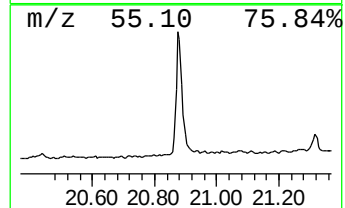
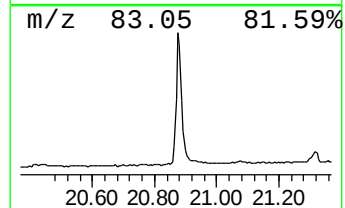
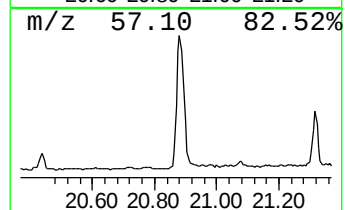
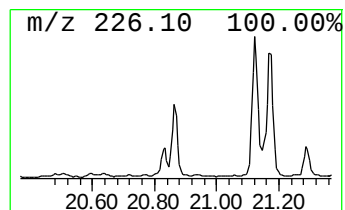
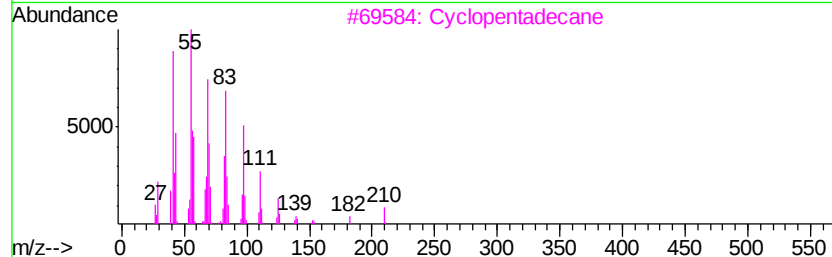
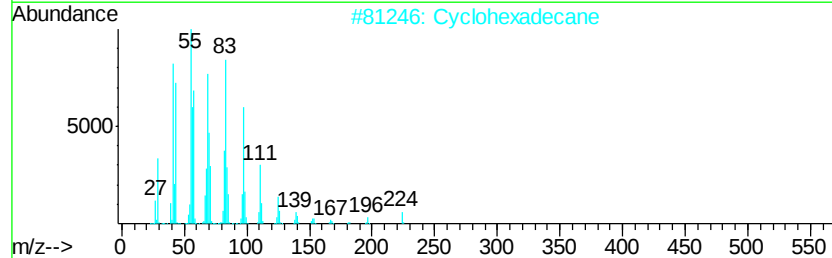
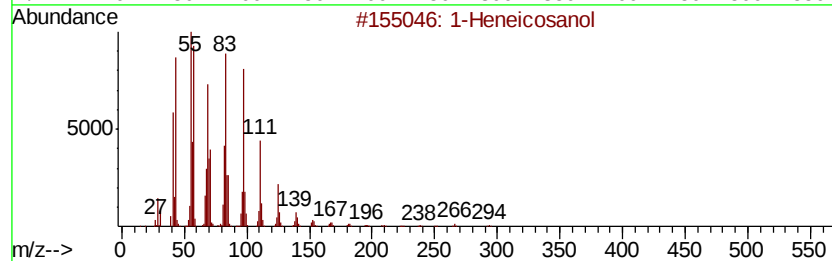
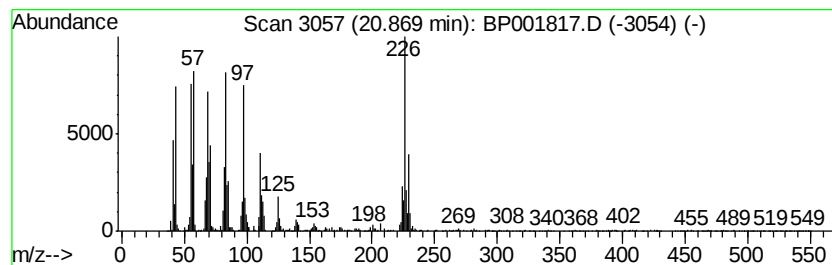
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 1-Heneicosanol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.87	5.08 ng/ul	2034030	Chrysene-d12	21.14
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1-Heneicosanol		312 C21H44O	015594-90-8 93
2	Cyclohexadecane		224 C16H32	000295-65-8 93
3	Cyclopentadecane		210 C15H30	000295-48-7 93
4	Octacosyl acetate		452 C30H60O2	018206-97-8 93
5	Behenic alcohol		326 C22H46O	000661-19-8 91



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP022020\
Data File : BP001817.D
Acq On : 20 Feb 2020 23:29
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Sample : L1418-19
Misc :
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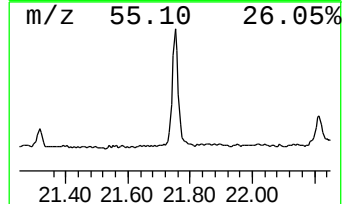
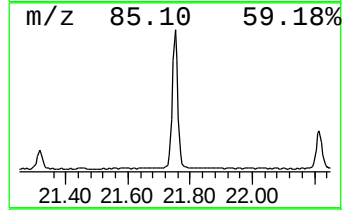
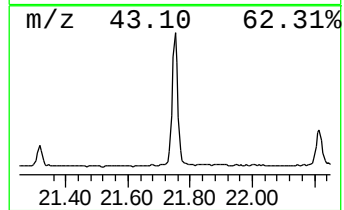
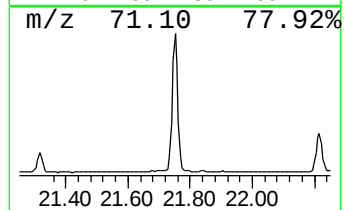
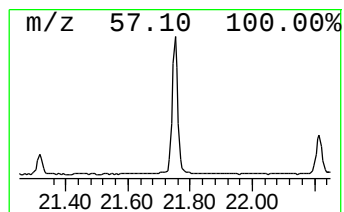
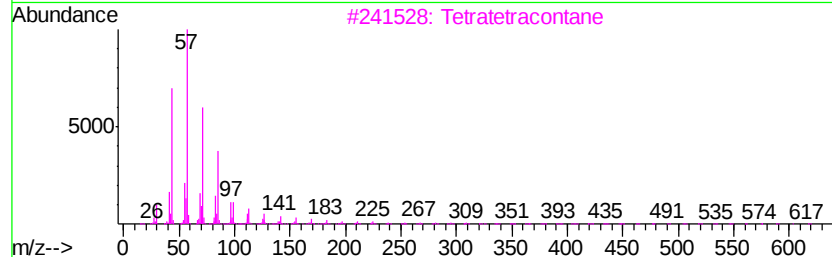
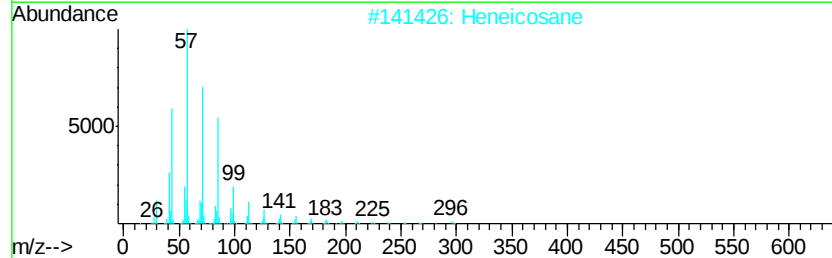
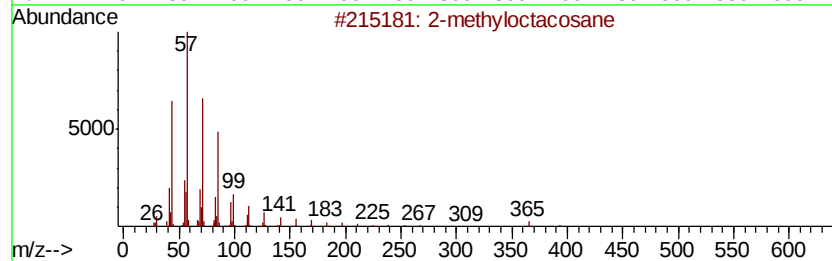
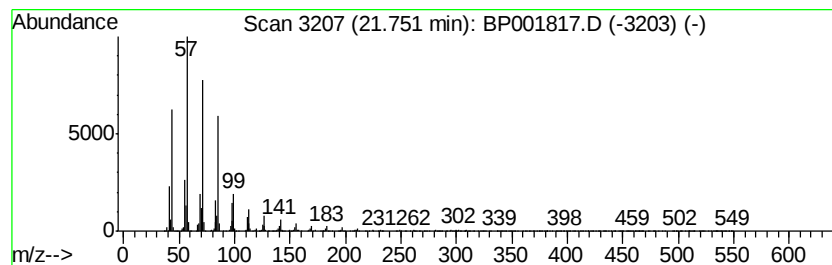
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.75	5.25 ng/ul	2101710	Chrysene-d12	21.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-methyloctacosane	408	C29H60	1000376-72-8	91
2		Heneicosane	296	C21H44	000629-94-7	91
3		Tetratetracontane	619	C44H90	007098-22-8	91
4		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5		Heneicosane	296	C21H44	000629-94-7	91



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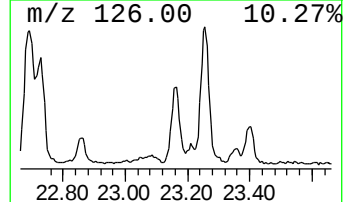
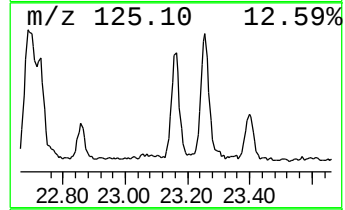
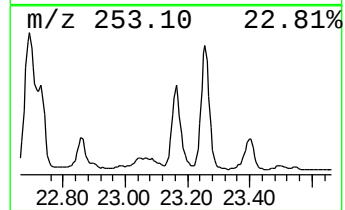
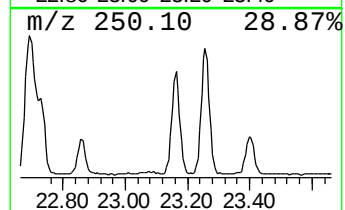
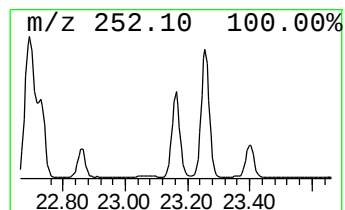
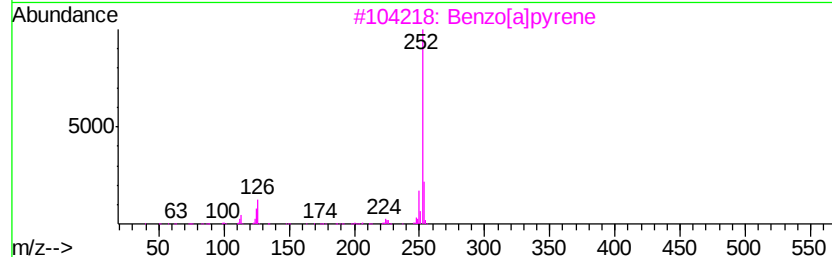
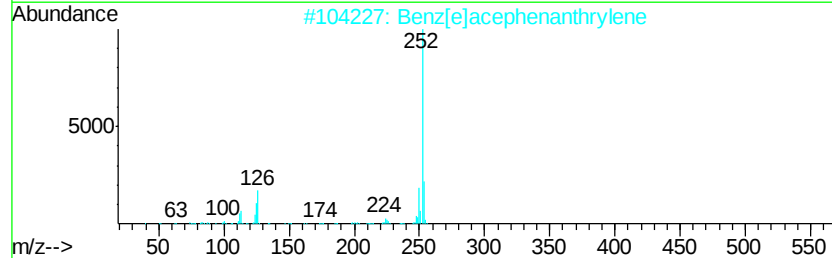
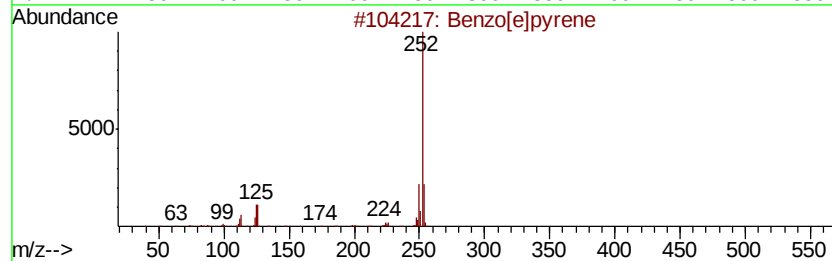
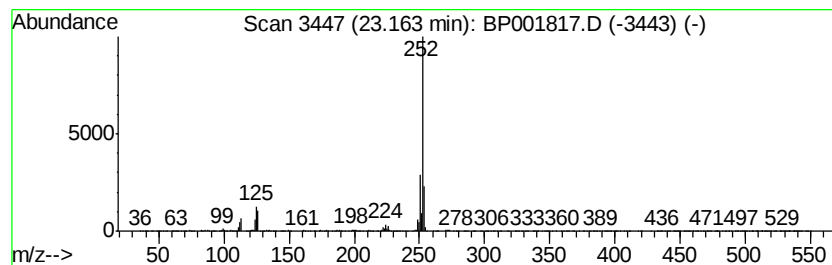
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.16	4.19 ng/ul	1012300	Perylene-d12	23.36

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	93
3		Benzo[a]pyrene	252	C20H12	000050-32-8	90
4		Perylene	252	C20H12	000198-55-0	89
5		Benz[e]acephenanthrylene	252	C20H12	000205-99-2	89



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ALS Vial : 22 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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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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unknown-01	3.69	2.3	ng/ul	243216	1	7.66	2142740	20.0
2,4,7,9-Tetrameth...	13.22	3.0	ng/ul	622634	3	14.29	4202380	20.0
1H-Cyclopropa[l]p...	17.97	4.3	ng/ul	1068850	4	17.05	5024700	20.0
4H-Cyclopenta[def...	18.10	3.5	ng/ul	892834	4	17.05	5024700	20.0
11H-Benzo[b]fluorene	19.90	2.1	ng/ul	834970	5	21.14	8000680	20.0
1-Heneicosanol	20.87	5.1	ng/ul	2034030	5	21.14	8000680	20.0
(DEL) Alkane: Str...	21.75	5.3	ng/ul	2101710	5	21.14	8000680	20.0
Benzo[e]pyrene	23.16	4.2	ng/ul	1012300	6	23.36	4829910	20.0