

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062719\
 Data File : BM021220.D
 Acq On : 27 Jun 2019 17:09
 Operator : HP/JU
 Sample : K3502-10
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C5AE0

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_M\METHODS\SOM-EPA-BM061419MA.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	3.017	3	5	20	rVB	3004662	3648154	54.84%	4.010%
2	3.787	134	136	144	rVB2	32810	46126	0.69%	0.051%
3	4.411	237	242	251	rVB	295950	399223	6.00%	0.439%
4	6.869	655	660	665	rVV	177231	245697	3.69%	0.270%
5	6.934	665	671	681	rVB	752754	1237563	18.60%	1.360%
6	7.046	686	690	694	rVB	25086	32764	0.49%	0.036%
7	7.104	694	700	713	rVB	620005	959427	14.42%	1.055%
8	7.222	718	720	726	rVV3	15996	22795	0.34%	0.025%
9	7.293	726	732	742	rVB	783911	1273172	19.14%	1.399%
10	7.763	805	812	818	rBV	887072	1377941	20.72%	1.515%
11	8.463	924	931	943	rBV	774095	1283195	19.29%	1.410%
12	8.646	957	962	970	rBV	63983	112534	1.69%	0.124%
13	8.922	1001	1009	1022	rBV	805634	1357497	20.41%	1.492%
14	9.293	1067	1072	1079	rVB	112957	158333	2.38%	0.174%
15	9.640	1124	1131	1144	rBV	696535	1135509	17.07%	1.248%
16	10.169	1214	1221	1234	rBV	1132671	1915397	28.79%	2.105%
17	10.551	1278	1286	1295	rBV	1249335	2144055	32.23%	2.357%
18	10.698	1303	1311	1329	rBV	550572	1038962	15.62%	1.142%
19	11.781	1490	1495	1500	rBV	83427	115134	1.73%	0.127%
20	12.087	1538	1547	1552	rBV3	29838	61891	0.93%	0.068%
21	12.145	1552	1557	1564	rVB	21881	37710	0.57%	0.041%
22	13.292	1746	1752	1757	rVV2	13121	21977	0.33%	0.024%
23	13.816	1830	1841	1846	rBV	2239525	3288131	49.43%	3.614%
24	13.863	1846	1849	1857	rVB	575162	763514	11.48%	0.839%
25	14.051	1875	1881	1882	rBV4	21644	29302	0.44%	0.032%
26	14.098	1882	1889	1900	rVB	2610687	3837942	57.70%	4.219%
27	14.404	1934	1941	1948	rBV2	2157298	3228949	48.54%	3.549%
28	14.469	1949	1952	1957	rVB2	15960	21934	0.33%	0.024%
29	14.616	1970	1977	2000	rBV	577577	1010766	15.20%	1.111%
30	14.780	2000	2005	2008	rVV7	15849	31577	0.47%	0.035%
31	14.810	2008	2010	2019	rVB7	16737	39094	0.59%	0.043%
32	15.192	2071	2075	2079	rBV	28248	42162	0.63%	0.046%
33	15.233	2079	2082	2088	rVB2	21147	36858	0.55%	0.041%
34	15.351	2097	2102	2104	rBV	46371	54713	0.82%	0.060%

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 Misc :
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Instrument :
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 ClientSampleId :
 C5AE0

Integration Parameters: LSCINT.P

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

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If leading or trailing edge < 100 prefer < Baseline drop else tangent >
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Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
 Title : SVOA CALIBRATION

35	15.398	2104	2110	2116	rVV	3565799	5024099	75.53%	5.522%
36	15.451	2116	2119	2124	rVB2	31581	41734	0.63%	0.046%
37	15.527	2126	2132	2141	rBV	797157	1150502	17.30%	1.265%
38	15.639	2146	2151	2159	rVB2	44372	71193	1.07%	0.078%
39	15.745	2165	2169	2173	rBV4	20233	31891	0.48%	0.035%
40	16.127	2227	2234	2240	rVV9	23288	61447	0.92%	0.068%
41	16.298	2258	2263	2268	rVB7	18277	30600	0.46%	0.034%
42	16.551	2302	2306	2311	rBV7	14321	16926	0.25%	0.019%
43	16.604	2311	2315	2320	rVB	40846	52391	0.79%	0.058%
44	16.692	2326	2330	2333	rBV4	17494	24787	0.37%	0.027%
45	16.810	2345	2350	2356	rBV2	26657	44432	0.67%	0.049%
46	16.904	2359	2366	2370	rVV8	29692	51444	0.77%	0.057%
47	16.969	2374	2377	2385	rVB	34242	57109	0.86%	0.063%
48	17.039	2386	2389	2395	rBV6	20914	34095	0.51%	0.037%
49	17.151	2402	2408	2412	rBV2	2769853	3969943	59.68%	4.364%
50	17.192	2412	2415	2420	rVV	716618	972497	14.62%	1.069%
51	17.251	2420	2425	2436	rVB	3880201	5324177	80.04%	5.852%
52	17.563	2471	2478	2483	rBV2	54069	102012	1.53%	0.112%
53	17.669	2493	2496	2501	rVB2	44389	57346	0.86%	0.063%
54	17.921	2535	2539	2543	rBV6	24228	32289	0.49%	0.035%
55	17.974	2543	2548	2553	rBV6	111394	174093	2.62%	0.191%
56	18.045	2553	2560	2564	rBV	829788	1224333	18.41%	1.346%
57	18.221	2584	2590	2594	rBV2	134174	241449	3.63%	0.265%
58	18.257	2594	2596	2602	rVB	66459	80023	1.20%	0.088%
59	18.339	2606	2610	2613	rVB4	30828	41313	0.62%	0.045%
60	18.386	2614	2618	2622	rBV6	22150	33591	0.50%	0.037%
61	18.533	2638	2643	2646	rBV	94249	131253	1.97%	0.144%
62	18.574	2646	2650	2654	rVV	116868	160005	2.41%	0.176%
63	18.610	2654	2656	2660	rVB2	26013	31396	0.47%	0.035%
64	18.768	2680	2683	2688	rBV3	28185	40578	0.61%	0.045%
65	18.821	2688	2692	2696	rBV	24969	41657	0.63%	0.046%
66	18.863	2696	2699	2702	rVB3	22188	25615	0.39%	0.028%
67	18.945	2709	2713	2715	rBV2	46075	68841	1.03%	0.076%
68	19.086	2731	2737	2746	rVB3	70846	157992	2.38%	0.174%
69	19.210	2749	2758	2764	rBV	1891578	2591575	38.96%	2.849%
70	19.321	2772	2777	2786	rBV2	249067	399383	6.00%	0.439%
71	19.410	2790	2792	2797	rBV3	35246	65513	0.98%	0.072%

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Integration Parameters: LSCINT.P

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 Title : SVOA CALIBRATION

72	19.545	2809	2815	2819	rBV	4567957	6651842	100.00%	7.311%
73	19.574	2819	2820	2827	rVV	1432121	1273748	19.15%	1.400%
74	19.645	2828	2832	2839	rVB2	78357	118697	1.78%	0.130%
75	19.751	2846	2850	2856	rBV	84992	124668	1.87%	0.137%
76	19.898	2870	2875	2876	rBV3	95925	143678	2.16%	0.158%
77	20.068	2893	2904	2909	rBV3	206074	537514	8.08%	0.591%
78	20.168	2917	2921	2925	rBV	117029	143087	2.15%	0.157%
79	20.227	2925	2931	2934	rVV2	118215	212849	3.20%	0.234%
80	20.262	2935	2937	2941	rVB3	63114	72654	1.09%	0.080%
81	20.368	2952	2955	2958	rBV	58374	66845	1.00%	0.073%
82	20.415	2960	2963	2966	rVV2	71582	90204	1.36%	0.099%
83	20.468	2970	2972	2975	rVB4	45594	48535	0.73%	0.053%
84	20.580	2987	2991	2995	rVB2	90032	106211	1.60%	0.117%
85	20.815	3028	3031	3038	rVB	136752	177776	2.67%	0.195%
86	20.980	3055	3059	3063	rBV2	127083	201965	3.04%	0.222%
87	21.039	3063	3069	3077	rVV4	907711	1577545	23.72%	1.734%
88	21.115	3079	3082	3089	rVB	150914	236486	3.56%	0.260%
89	21.333	3112	3119	3123	rBV2	2821848	4695600	70.59%	5.161%
90	21.374	3123	3126	3135	rVB	763432	990379	14.89%	1.089%
91	21.480	3141	3144	3152	rVB2	203301	304351	4.58%	0.335%
92	21.915	3215	3218	3221	rBV	284425	294495	4.43%	0.324%
93	22.386	3294	3298	3302	rBV	291900	396701	5.96%	0.436%
94	22.621	3333	3338	3343	rBV	1631292	2091676	31.45%	2.299%
95	22.898	3381	3385	3387	rBV	621231	916704	13.78%	1.008%
96	22.951	3389	3394	3406	rVB2	3215947	6309081	94.85%	6.935%
97	23.409	3468	3472	3475	rBV	249845	420566	6.32%	0.462%
98	23.462	3475	3481	3486	rVV	2339771	4163235	62.59%	4.576%
99	23.609	3499	3506	3513	rBV	1627412	3161061	47.52%	3.475%
100	24.121	3588	3593	3603	rVB	930798	1780774	26.77%	1.957%

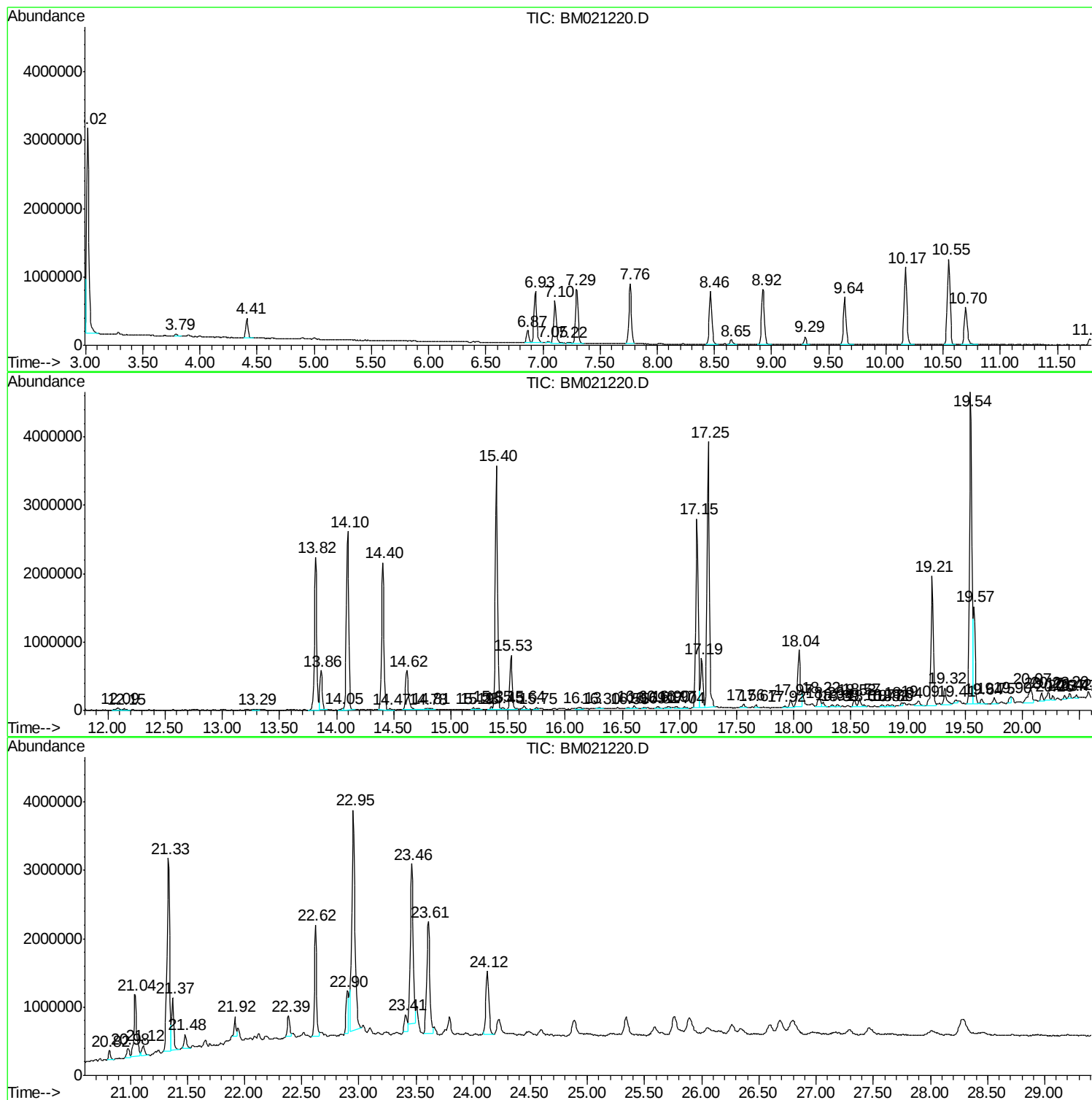
Sum of corrected areas: 90978449

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Instrument :
BNA_M
ClientSampleId :
C5AE0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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Instrument :
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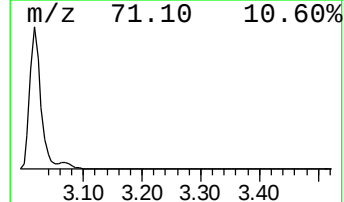
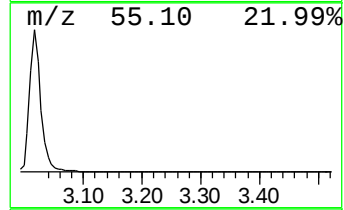
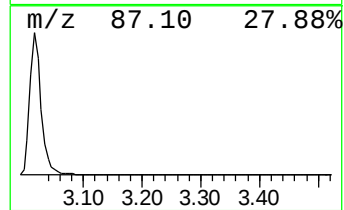
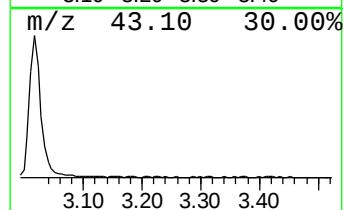
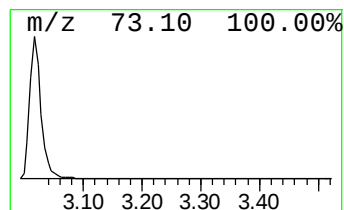
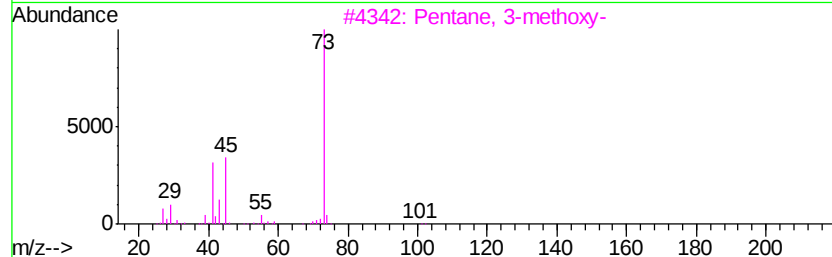
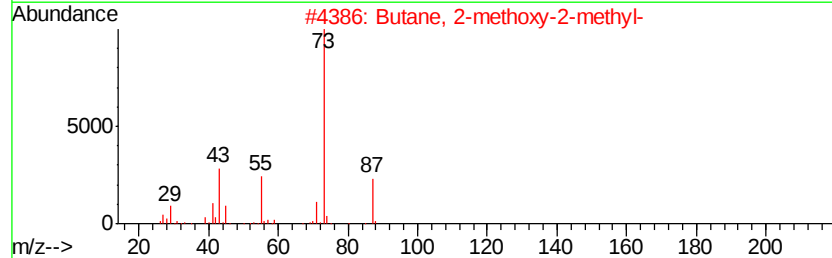
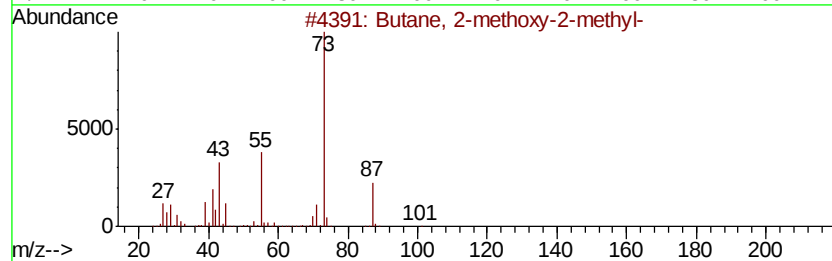
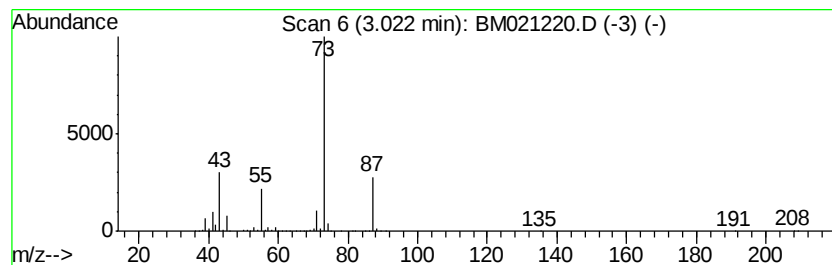
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.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.
3.02	52.95 ng/ul	3648150	1,4-Dichlorobenzene-d4	7.76

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	78
3		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4		N-Ethylformamide	73	C3H7NO	000627-45-2	9
5		Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9



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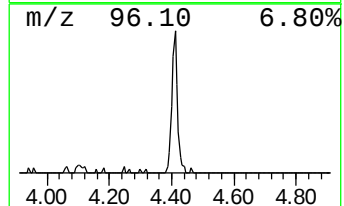
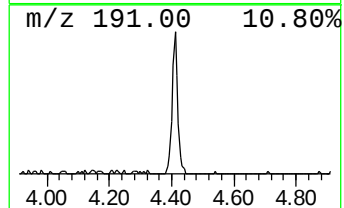
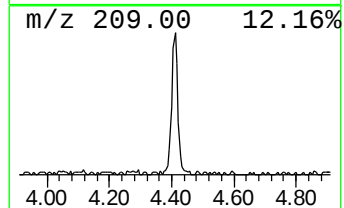
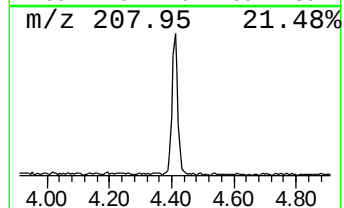
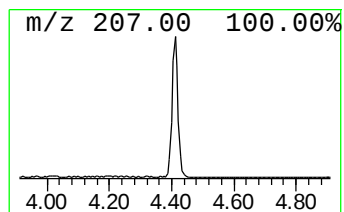
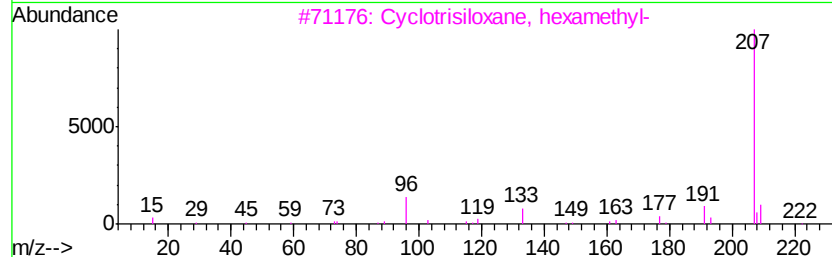
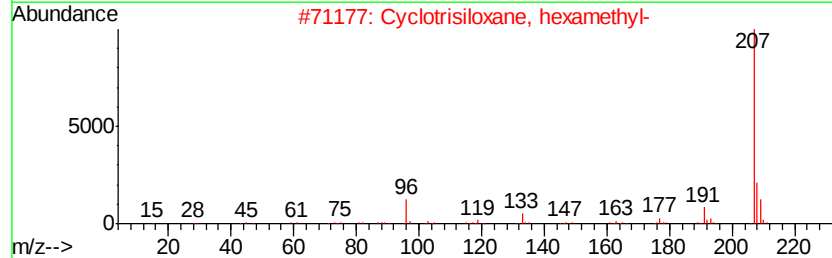
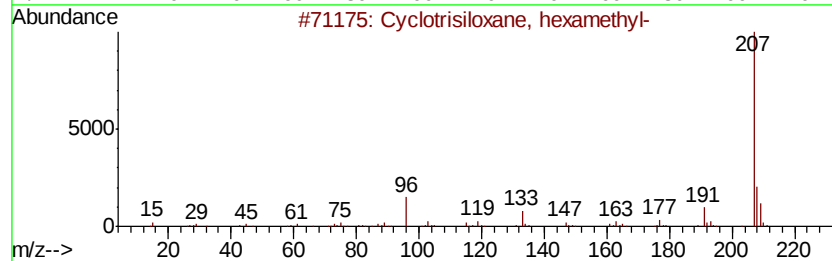
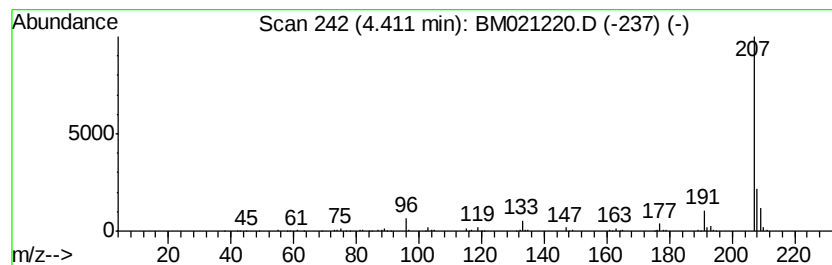
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Cyclotrisiloxane, hexamethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.41	5.79 ng/ul	399223	1,4-Dichlorobenzene-d4	7.76

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclotrisiloxane, hexamethyl-	222	C6H18O3Si3	000541-05-9	90
2			Cyclotrisiloxane, hexamethyl-	222	C6H18O3Si3	000541-05-9	90
3			Cyclotrisiloxane, hexamethyl-	222	C6H18O3Si3	000541-05-9	72
4			2-Ethylacridine	207	C15H13N	055751-83-2	36
5			1,3,5-Triazine, 2-chloro-4,6-bis...	207	C5H6ClN3S2	004407-40-3	9



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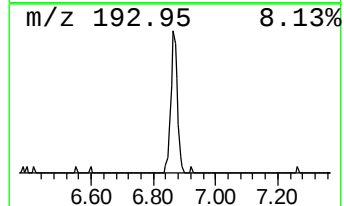
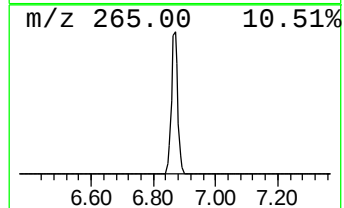
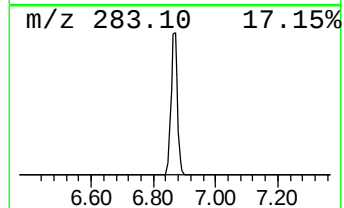
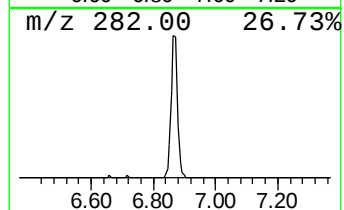
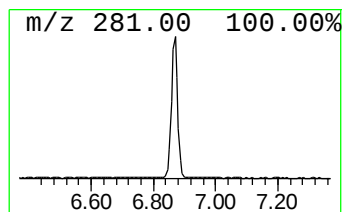
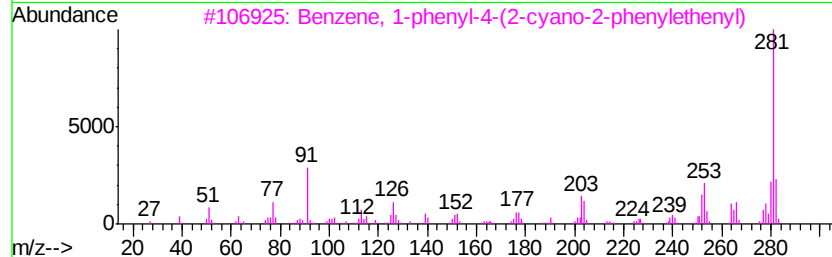
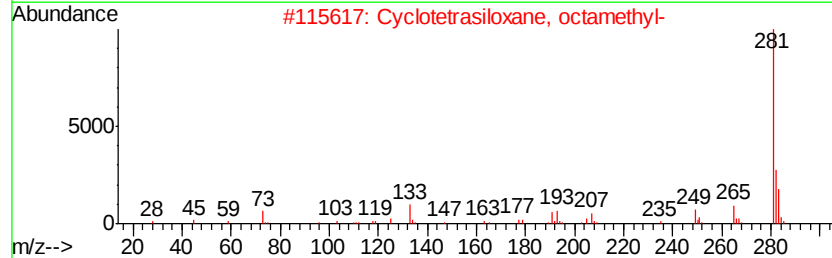
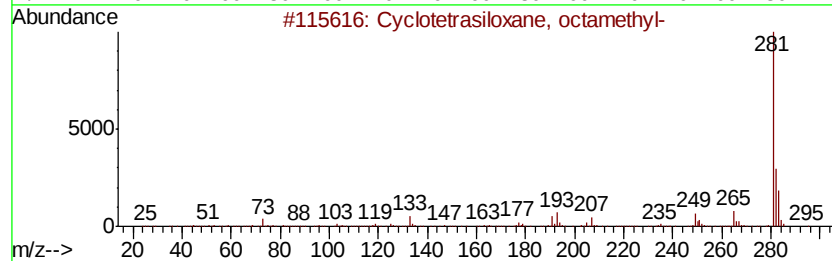
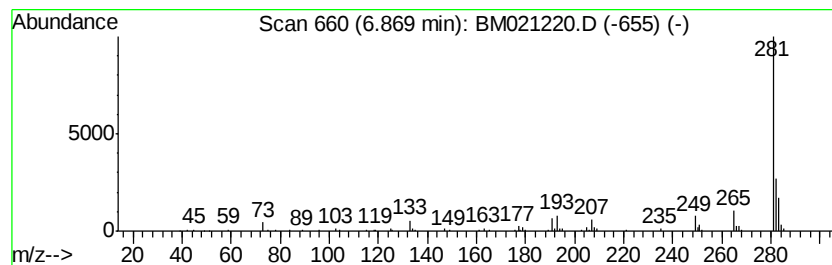
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Cyclotetrasiloxane, octamet... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.87	3.57 ng/ul	245697	1,4-Dichlorobenzene-d4	7.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclotetrasiloxane, octamethyl-	296	C8H24O4Si4	000556-67-2	91
2		Cyclotetrasiloxane, octamethyl-	296	C8H24O4Si4	000556-67-2	91
3		Benzene, 1-phenyl-4-(2-cyano-2-phenylethenyl)	281	C21H15N	027869-56-3	64
4		5-(p-Aminophenyl)-4-(p-tolyl)-2-pyridone	281	C16H15N3S	094460-46-5	64
5		Benzoic acid, 3-methyl-2-trimethylsilyl-	296	C14H24O3Si2	1000153-57-1	64



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Acq On : 27 Jun 2019 17:09
Operator : HP/JU
Sample : K3502-10
Misc :
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Instrument :
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ClientSampleId :
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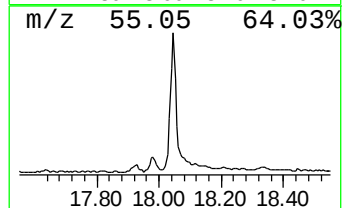
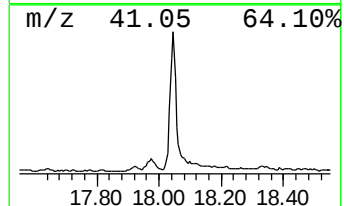
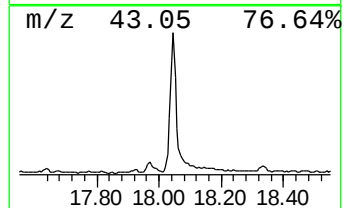
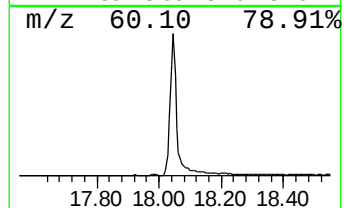
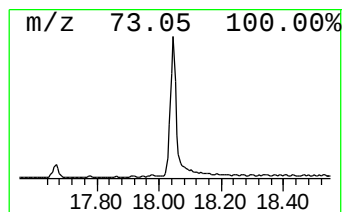
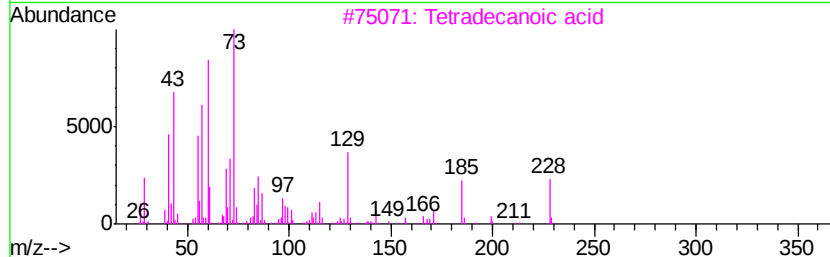
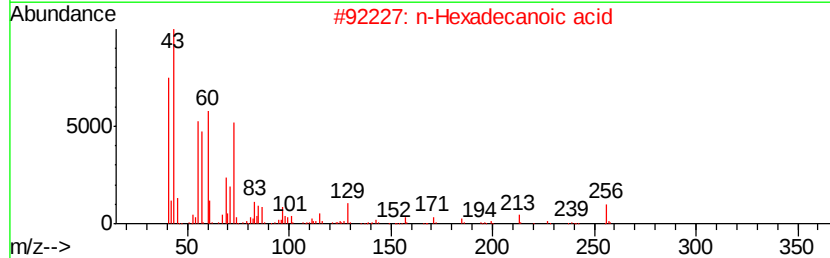
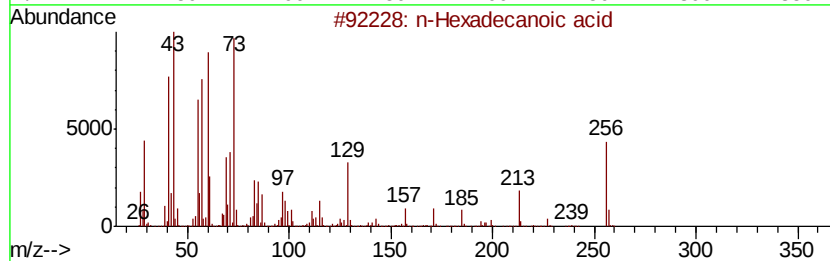
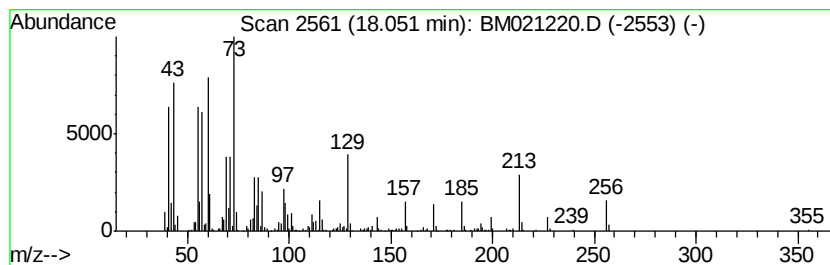
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.05	6.17 ng/ul	1224330	Phenanthrene-d10	17.15

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98	
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96	
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	94	
4	Tridecanoic acid	214	C13H26O2	000638-53-9	89	
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	81	



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062719\
Data File : BM021220.D
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ClientSampleId :
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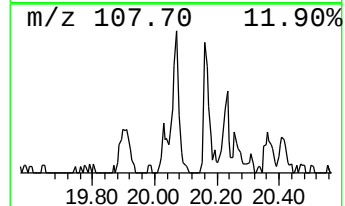
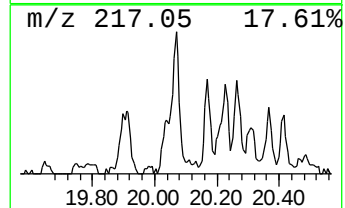
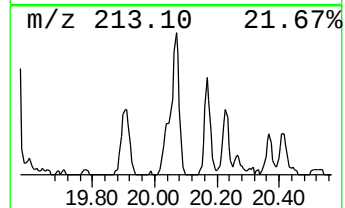
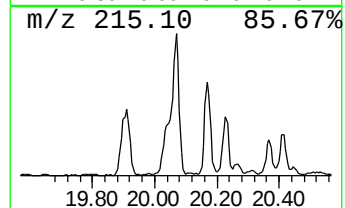
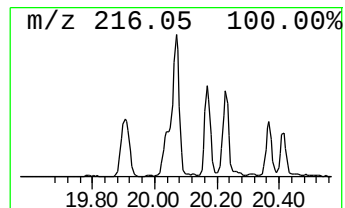
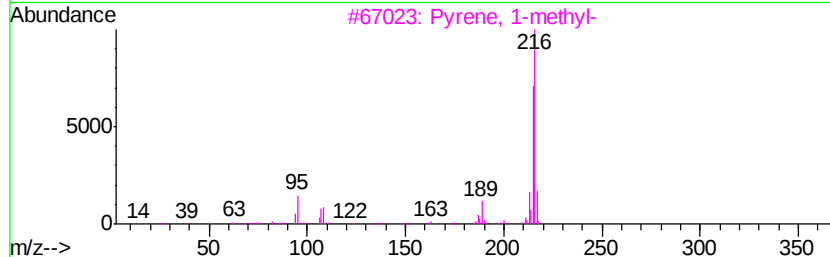
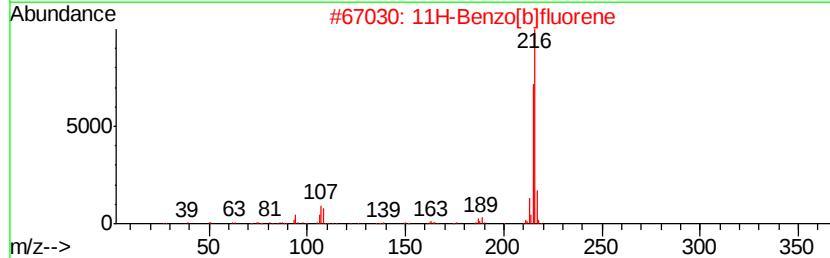
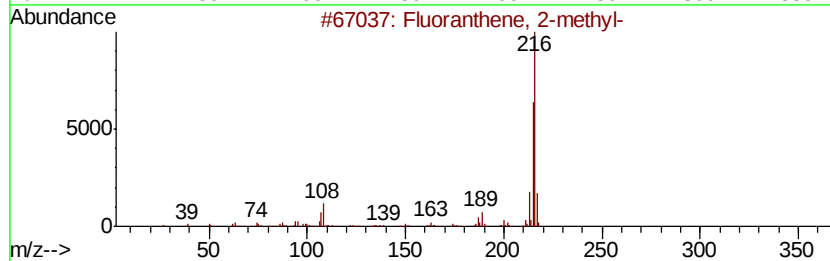
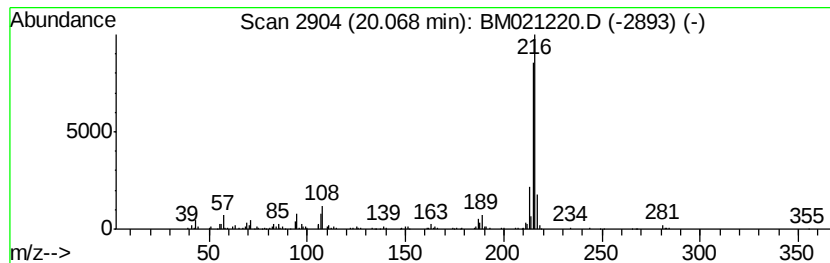
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Fluoranthene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.07	2.29 ng/ul	537514	Chrysene-d12	21.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	96
2		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
3		Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
4		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	92
5		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062719\
Data File : BM021220.D
Acq On : 27 Jun 2019 17:09
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Sample : K3502-10
Misc :
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ClientSampleId :
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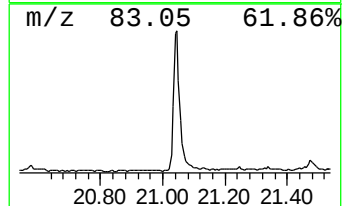
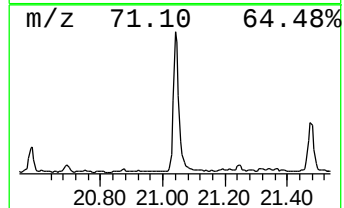
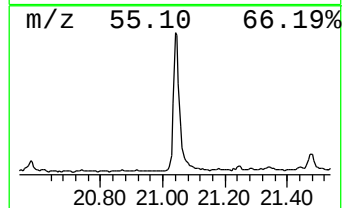
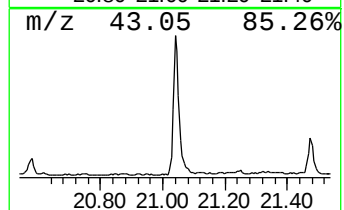
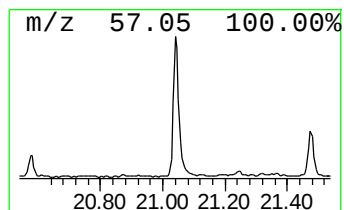
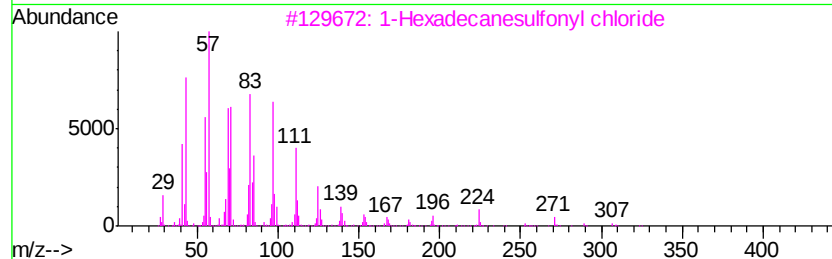
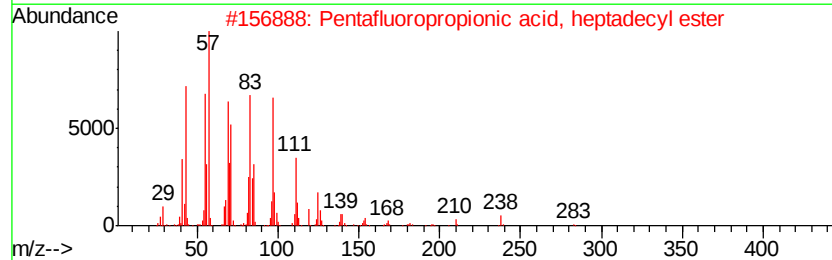
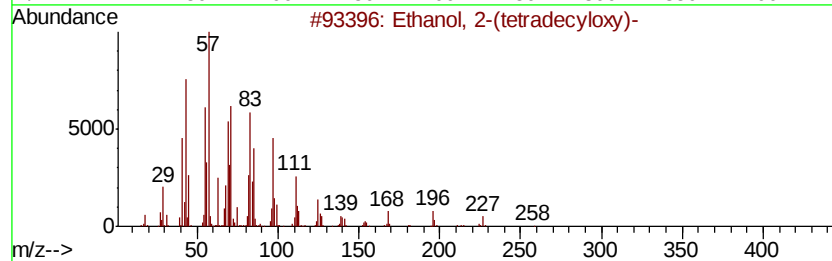
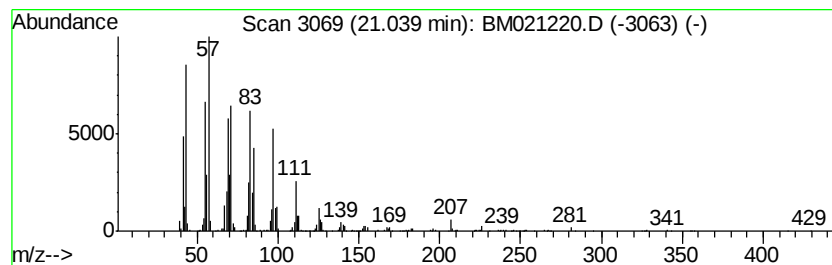
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Ethanol, 2-(tetradecyloxy)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.04	6.72 ng/ul	1577550	Chrysene-d12	21.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	90
2		Pentafluoropropionic acid, hepta...	402	C20H35F5O2	1000283-04-2	87
3		1-Hexadecanesulfonyl chloride	324	C16H33ClO2S	038775-38-1	87
4		Trifluoroacetic acid, n-octadecy...	366	C20H37F3O2	079392-43-1	81
5		Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	81



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062719\
Data File : BM021220.D
Acq On : 27 Jun 2019 17:09
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Sample : K3502-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

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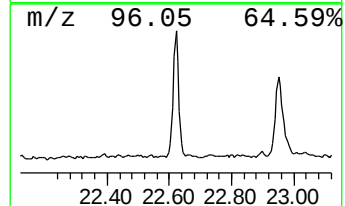
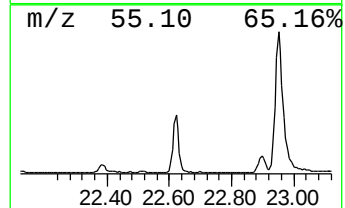
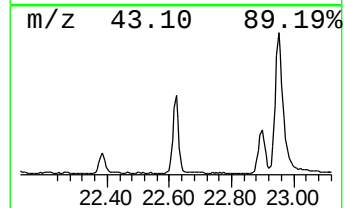
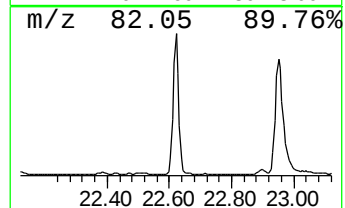
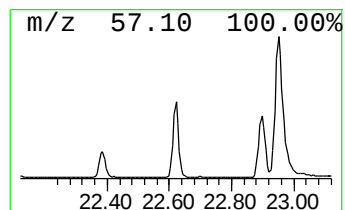
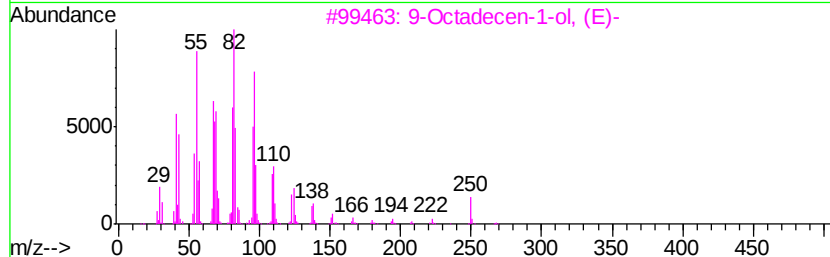
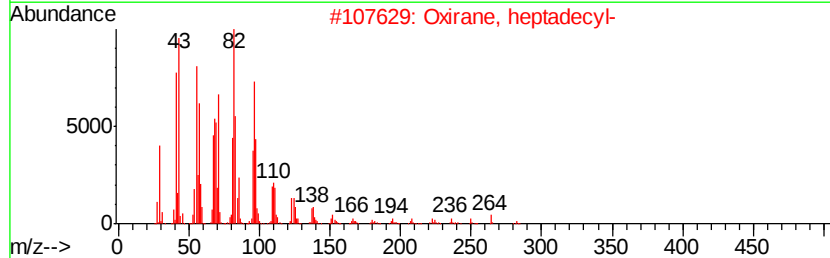
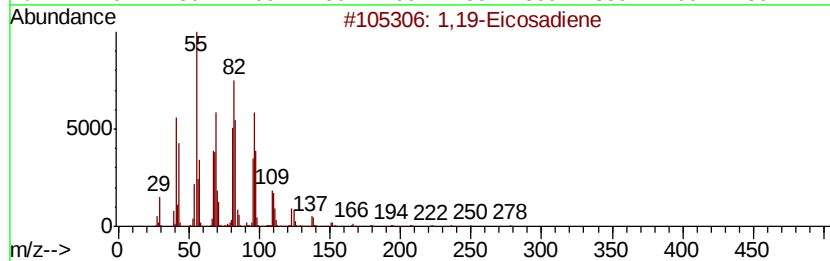
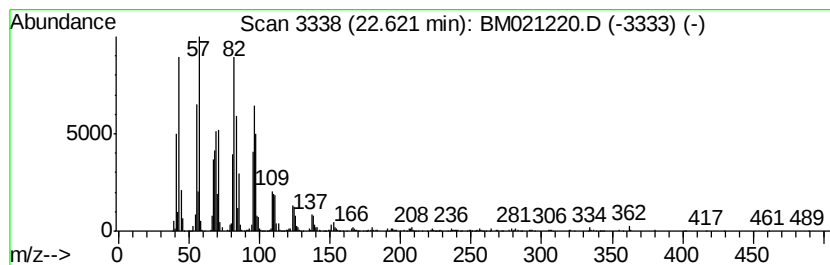
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 1,19-Eicosadiene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.62	13.23 ng/ul	2091680	Perylene-d12	23.61

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,19-Eicosadiene		278	C20H38	014811-95-1	94
2	Oxirane, heptadecyl-		282	C19H38O	067860-04-2	94
3	9-Octadecen-1-ol, (E)-		268	C18H36O	000506-42-3	93
4	Octadecanal		268	C18H36O	000638-66-4	93
5	Oxirane, hexadecyl-		268	C18H36O	007390-81-0	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062719\
Data File : BM021220.D
Acq On : 27 Jun 2019 17:09
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Sample : K3502-10
Misc :
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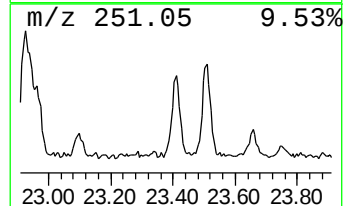
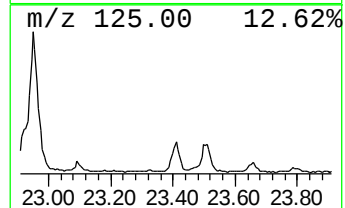
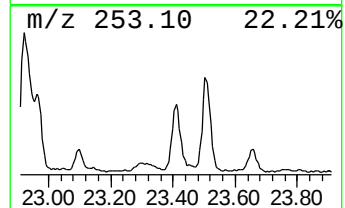
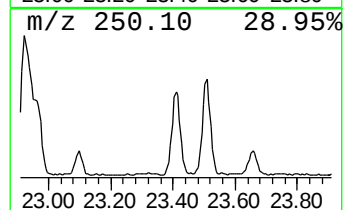
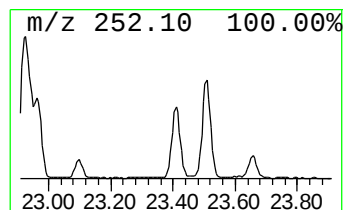
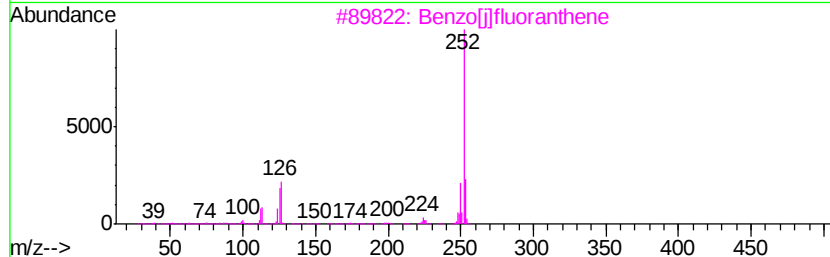
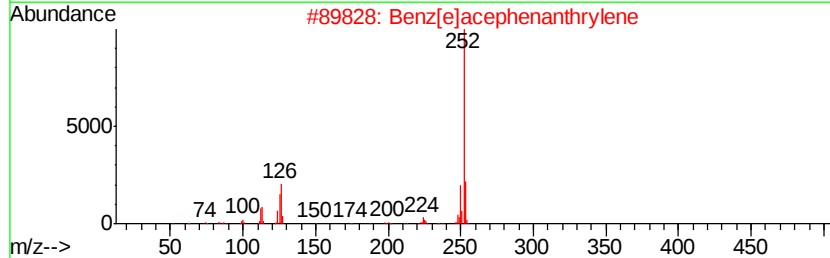
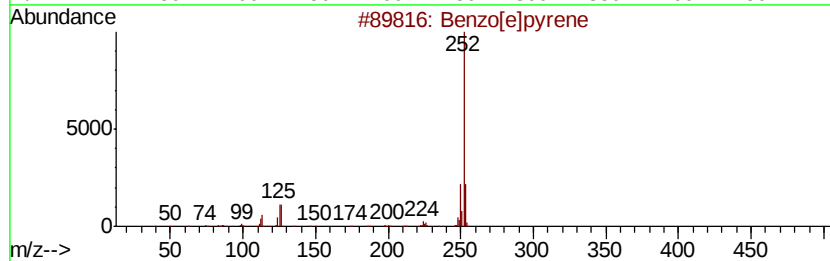
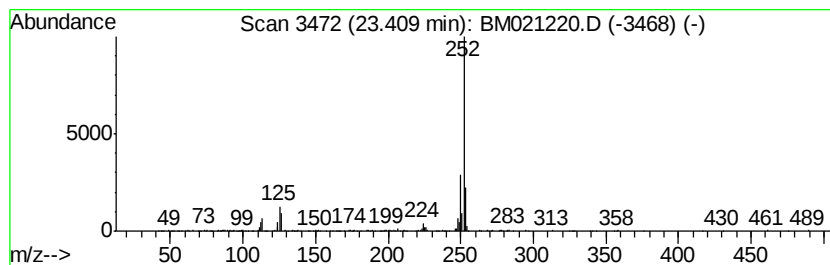
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Benzo[e]pyrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.	
23.41	2.66 ng/ul	420566	Perylene-d12	23.61	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	95
3	Benzo[i]fluoranthene	252	C20H12	000205-82-3	94
4	Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	93
5	Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062719\
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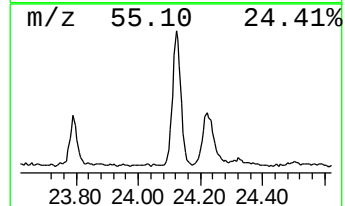
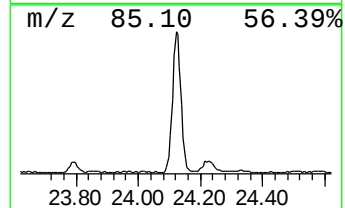
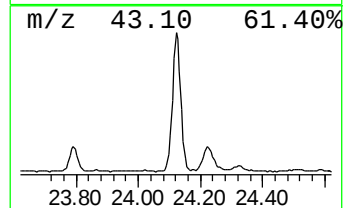
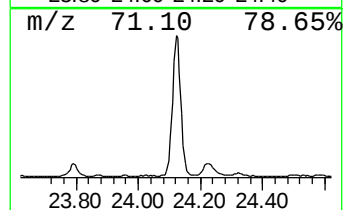
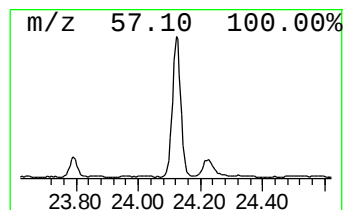
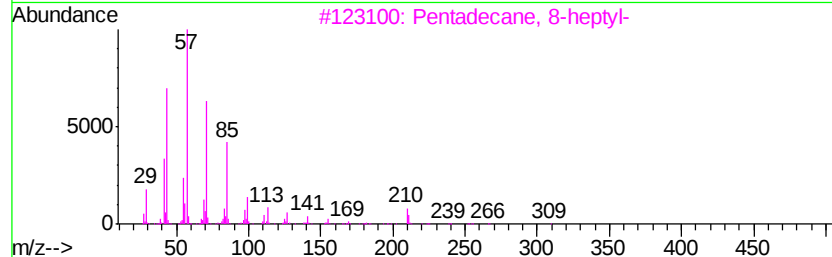
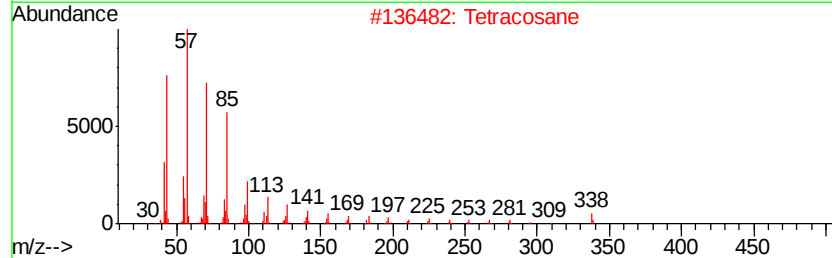
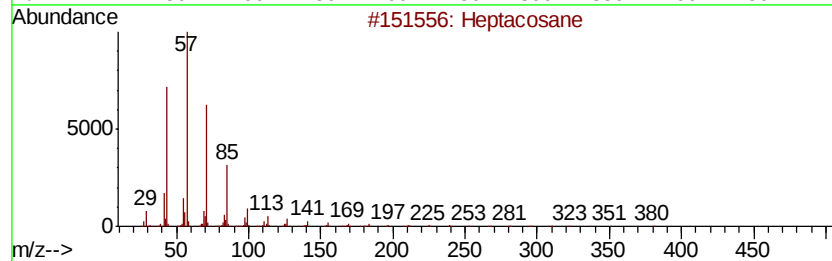
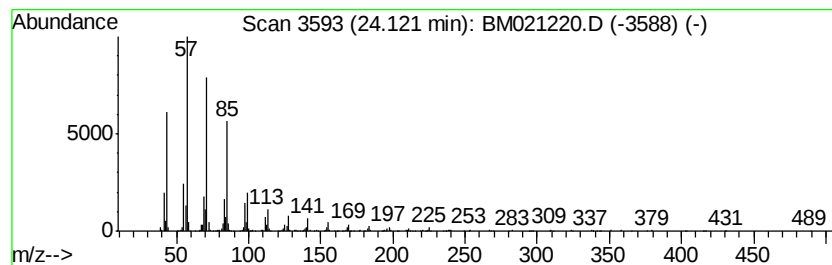
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.12	11.27 ng/ul	1780770	Perylene-d12	23.61

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptacosane	380	C27H56	000593-49-7	91
2		Tetracosane	338	C24H50	000646-31-1	91
3		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91
4		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5		triacontane	422	C30H62	000638-68-6	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM062719\
Data File : BM021220.D
Acq On : 27 Jun 2019 17:09
Operator : HP/JU
Sample : K3502-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
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Cyclotrisiloxane,...	4.41	5.8	ng/ul	399223	1	7.76	1377940	20.0
Cyclotetrasiloxan...	6.87	3.6	ng/ul	245697	1	7.76	1377940	20.0
n-Hexadecanoic acid	18.05	6.2	ng/ul	1224330	4	17.15	3969940	20.0
Fluoranthene, 2-m...	20.07	2.3	ng/ul	537514	5	21.33	4695600	20.0
Ethanol, 2-(tetra...	21.04	6.7	ng/ul	1577550	5	21.33	4695600	20.0
1,19-Eicosadiene	22.62	13.2	ng/ul	2091680	6	23.61	3161060	20.0
Benzo[e]pyrene	23.41	2.7	ng/ul	420566	6	23.61	3161060	20.0
(DEL) Alkane: Str...	24.12	11.3	ng/ul	1780770	6	23.61	3161060	20.0