

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020620\
 Data File : BM024797.D
 Acq On : 08 Feb 2020 13:51
 Operator : CG/JU
 Sample : L1400-16
 Misc :
 ALS Vial : 76 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB6J2

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-BM020620MA.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	19	22	26	rVB2	45006	54609	0.79%	0.056%
2	3.505	101	105	112	rBV	40821	51962	0.75%	0.054%
3	3.711	136	140	144	rVB	52360	63921	0.92%	0.066%
4	3.928	173	177	182	rBV	38124	51392	0.74%	0.053%
5	4.593	286	290	298	rVB	41232	72716	1.05%	0.075%
6	6.599	620	631	643	rBV	681164	1134125	16.33%	1.169%
7	6.758	651	658	675	rVB	608528	976766	14.06%	1.007%
8	6.946	684	690	706	rVB	795283	1261865	18.16%	1.300%
9	7.405	761	768	779	rBV	1071718	1692863	24.37%	1.744%
10	8.116	883	889	901	rBV	833492	1336111	19.23%	1.377%
11	8.540	952	961	975	rBV	739249	1218125	17.53%	1.255%
12	8.734	988	994	1000	rBV2	64792	106322	1.53%	0.110%
13	9.034	1038	1045	1051	rBV	283074	415988	5.99%	0.429%
14	9.257	1076	1083	1092	rBV	657010	1067063	15.36%	1.100%
15	9.793	1167	1174	1186	rVB	1023200	1686733	24.28%	1.738%
16	10.163	1229	1237	1243	rBV	1418486	2403613	34.60%	2.477%
17	10.210	1243	1245	1251	rVB	53470	68681	0.99%	0.071%
18	10.304	1254	1261	1280	rVV	865150	1557041	22.41%	1.604%
19	11.763	1503	1509	1514	rBV2	25596	46114	0.66%	0.048%
20	11.834	1514	1521	1531	rBV	37909	68524	0.99%	0.071%
21	13.228	1750	1758	1763	rBV3	20844	52916	0.76%	0.055%
22	13.375	1776	1783	1789	rBV3	30505	51523	0.74%	0.053%
23	13.481	1795	1801	1806	rVV	2114528	2877722	41.42%	2.965%
24	13.528	1806	1809	1815	rVB	181291	229704	3.31%	0.237%
25	13.739	1839	1845	1859	rVV	2193272	3308723	47.63%	3.409%
26	14.057	1893	1899	1905	rVV	2476459	3492711	50.28%	3.599%
27	14.122	1905	1910	1920	rVB	79374	136324	1.96%	0.140%
28	14.281	1931	1937	1951	rBV	682388	1177303	16.95%	1.213%
29	14.463	1961	1968	1974	rBV2	69792	118358	1.70%	0.122%
30	15.057	2061	2069	2075	rBV	3061452	4290449	61.76%	4.421%
31	15.116	2075	2079	2085	rVB	128359	184569	2.66%	0.190%
32	15.192	2085	2092	2098	rBV	873966	1246349	17.94%	1.284%
33	15.416	2126	2130	2136	rBV	43265	58308	0.84%	0.060%
34	15.563	2151	2155	2163	rVV2	47589	97210	1.40%	0.100%

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35	15.792	2189	2194	2198	rVV8	26809	52496	0.76%	0.054%
36	15.833	2198	2201	2203	rVV2	34636	46311	0.67%	0.048%
37	16.127	2241	2251	2255	rBV5	39483	98509	1.42%	0.102%
38	16.375	2286	2293	2300	rBV3	49723	133208	1.92%	0.137%
39	16.469	2305	2309	2312	rBV	52525	74033	1.07%	0.076%
40	16.557	2319	2324	2328	rBV3	39019	77460	1.11%	0.080%
41	16.627	2332	2336	2341	rVV	106447	148982	2.14%	0.154%
42	16.810	2358	2367	2371	rBV	3047580	4280660	61.62%	4.411%
43	16.851	2371	2374	2379	rVV	1459989	1891671	27.23%	1.949%
44	16.910	2379	2384	2388	rVV	3238653	4541800	65.38%	4.680%
45	16.945	2388	2390	2397	rVV	371409	432123	6.22%	0.445%
46	17.239	2438	2440	2453	rVB6	100835	162791	2.34%	0.168%
47	17.392	2464	2466	2472	rVB3	43372	57855	0.83%	0.060%
48	17.533	2487	2490	2498	rVB3	37316	61949	0.89%	0.064%
49	17.692	2512	2517	2520	rBV	204375	284164	4.09%	0.293%
50	17.733	2520	2524	2532	rVB	287928	450140	6.48%	0.464%
51	17.816	2533	2538	2542	rBV	136731	186233	2.68%	0.192%
52	17.880	2543	2549	2553	rVV2	310663	523760	7.54%	0.540%
53	17.916	2553	2555	2561	rVB	143171	177234	2.55%	0.183%
54	18.057	2574	2579	2582	rVB4	41367	60801	0.88%	0.063%
55	18.198	2598	2603	2606	rBV	215780	311829	4.49%	0.321%
56	18.233	2606	2609	2614	rVB2	102640	143106	2.06%	0.147%
57	18.451	2642	2646	2651	rVV	71071	110270	1.59%	0.114%
58	18.498	2651	2654	2657	rVV	62384	90319	1.30%	0.093%
59	18.539	2658	2661	2666	rVB	54311	74197	1.07%	0.076%
60	18.621	2671	2675	2680	rBV	169724	248484	3.58%	0.256%
61	18.680	2680	2685	2686	rBV2	72566	98631	1.42%	0.102%
62	18.757	2694	2698	2706	rBV2	117917	250260	3.60%	0.258%
63	18.880	2711	2719	2726	rVV	2747415	3537913	50.93%	3.646%
64	19.216	2771	2776	2779	rBV	4327906	6073508	87.42%	6.258%
65	19.245	2779	2781	2786	rVB	2145135	2268774	32.66%	2.338%
66	19.321	2791	2794	2802	rVB2	117559	211046	3.04%	0.217%
67	19.433	2809	2813	2821	rBV	144458	210037	3.02%	0.216%
68	19.586	2832	2839	2844	rBV2	175805	429944	6.19%	0.443%
69	19.674	2851	2854	2856	rBV3	42504	50122	0.72%	0.052%
70	19.715	2857	2861	2863	rVV3	138562	196390	2.83%	0.202%
71	19.751	2864	2867	2871	rVB	321126	423697	6.10%	0.437%

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72	19.827	2877	2880	2882	rBV2	105980	126991	1.83%	0.131%
73	19.857	2882	2885	2888	rVB	222640	264092	3.80%	0.272%
74	19.910	2889	2894	2899	rBV2	244557	380662	5.48%	0.392%
75	20.045	2915	2917	2921	rVB	113808	130308	1.88%	0.134%
76	20.092	2922	2925	2931	rBV2	113553	188640	2.72%	0.194%
77	20.327	2962	2965	2967	rBV3	93106	102633	1.48%	0.106%
78	20.498	2992	2994	3003	rVB2	173038	284174	4.09%	0.293%
79	20.662	3020	3022	3027	rVB	167680	217491	3.13%	0.224%
80	20.710	3027	3030	3033	rBV	168235	198388	2.86%	0.204%
81	20.739	3033	3035	3038	rVV	133674	138382	1.99%	0.143%
82	20.780	3038	3042	3051	rVB3	903719	1544714	22.24%	1.592%
83	20.980	3073	3076	3077	rBV	235066	240593	3.46%	0.248%
84	21.021	3077	3083	3087	rVV2	4257909	6947143	100.00%	7.159%
85	21.057	3087	3089	3098	rVB	1179221	1425459	20.52%	1.469%
86	21.227	3115	3118	3124	rBV4	249507	299937	4.32%	0.309%
87	21.562	3172	3175	3178	rVB	231545	269489	3.88%	0.278%
88	21.651	3186	3190	3197	rBV4	716412	1149002	16.54%	1.184%
89	22.292	3296	3299	3304	rVB2	520663	628851	9.05%	0.648%
90	22.509	3331	3336	3340	rBV	1140074	2231529	32.12%	2.299%
91	22.556	3340	3344	3347	rVV2	1184667	1920565	27.65%	1.979%
92	22.592	3347	3350	3358	rVB2	1175713	1783597	25.67%	1.838%
93	22.945	3407	3410	3413	rBV	433273	601242	8.65%	0.620%
94	22.992	3413	3418	3423	rVV	2557425	4438677	63.89%	4.574%
95	23.033	3423	3425	3430	rVB	691801	897710	12.92%	0.925%
96	23.080	3430	3433	3436	rBV	364517	468469	6.74%	0.483%
97	23.127	3436	3441	3446	rVB	2491252	3995798	57.52%	4.117%
98	23.674	3530	3534	3540	rVB	902463	1534374	22.09%	1.581%
99	23.745	3542	3546	3559	rVB2	533963	1044079	15.03%	1.076%
100	25.162	3781	3787	3798	rVB3	839297	2464561	35.48%	2.540%

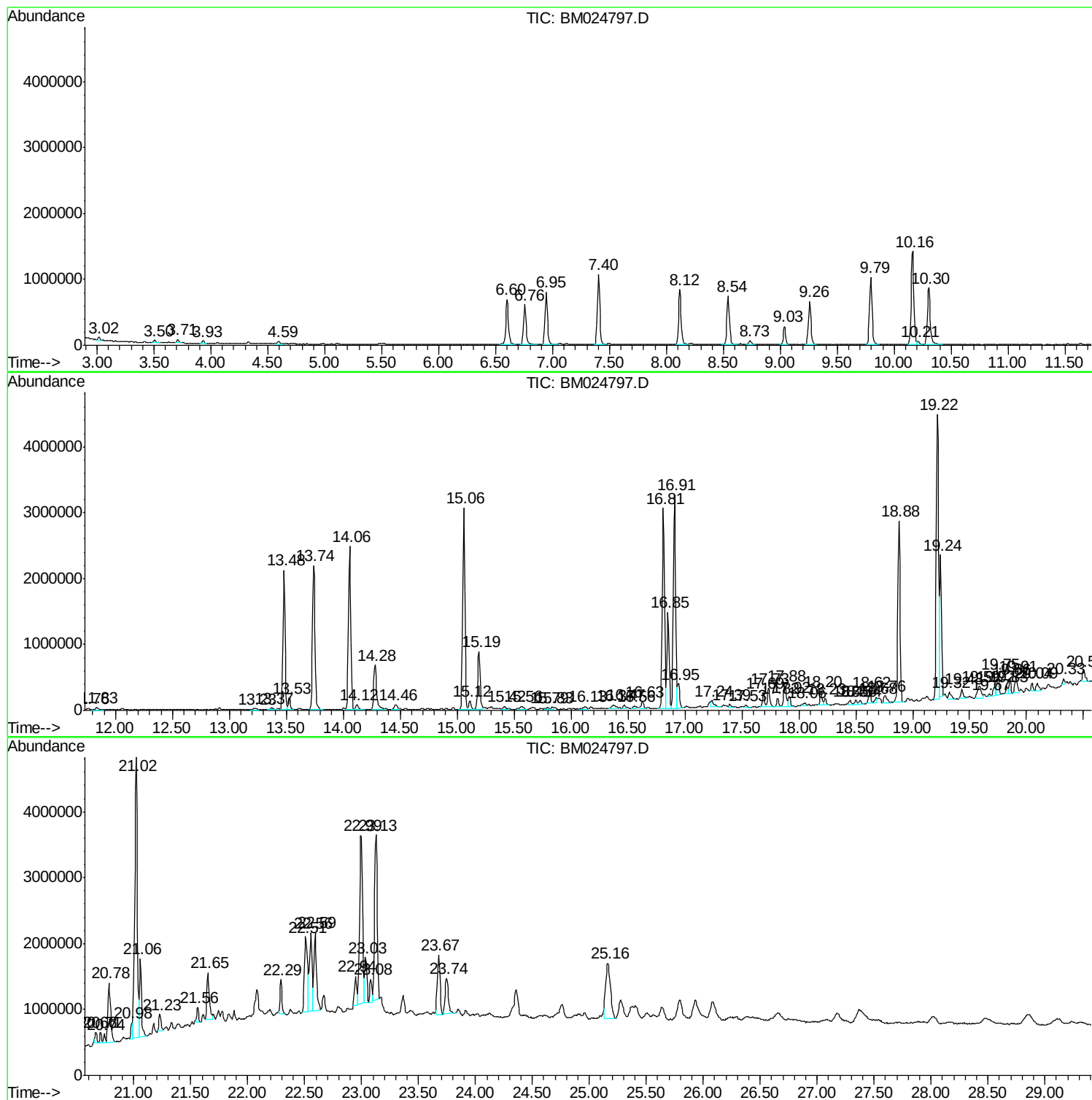
Sum of corrected areas: 97044960

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION

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



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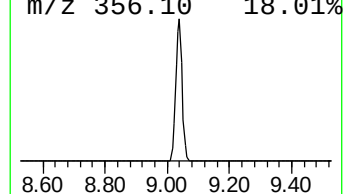
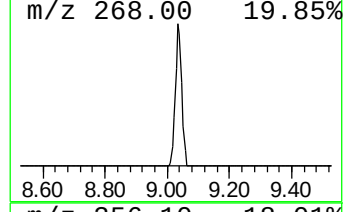
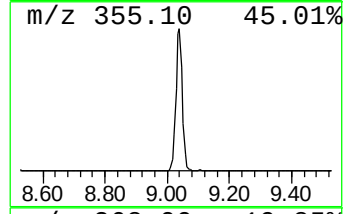
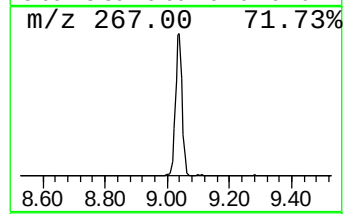
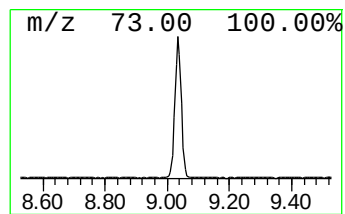
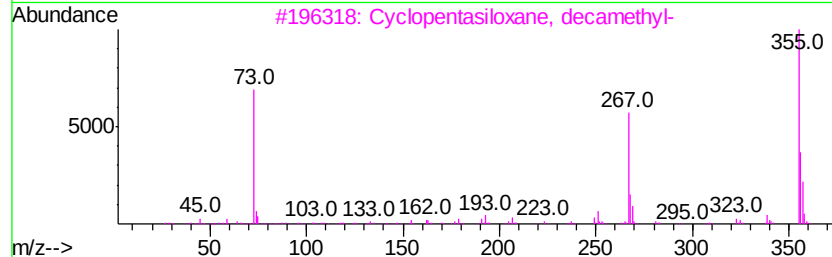
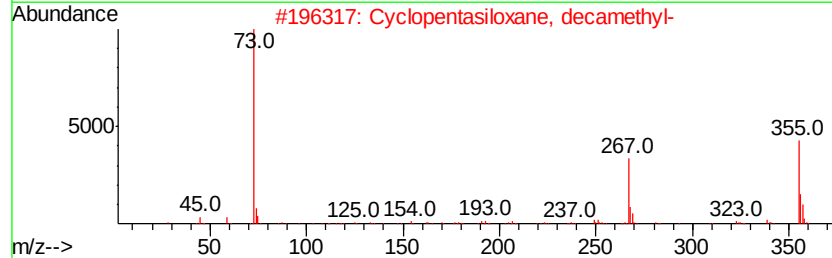
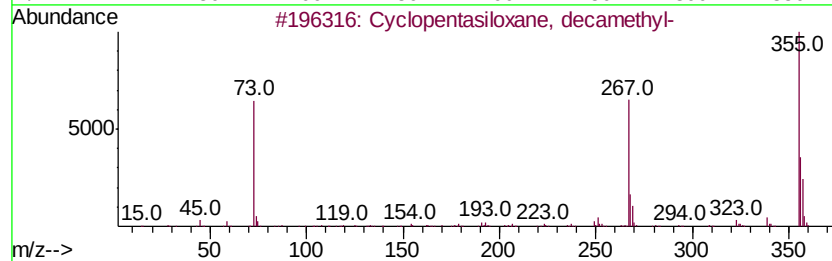
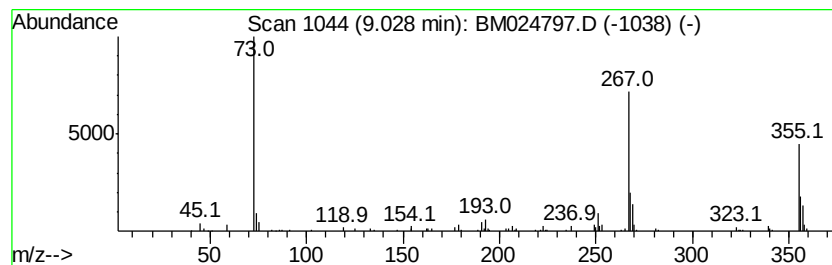
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Cyclopentasiloxane, decamet... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.03	3.46 ng/ul	415988	Naphthalene-d8	10.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	91
2		Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	91
3		Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	49
4		m-Hydroxymandelic acid, tris(tri...	384	C17H32O4Si3	068595-69-7	47
5		Benzeneethanamine, N-butyl-.beta...	353	C18H35N02Si2	040629-66-1	47



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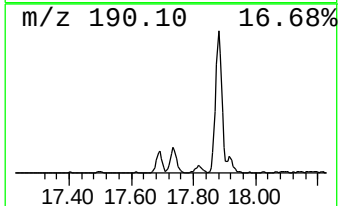
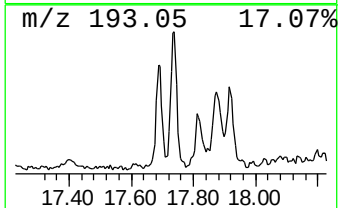
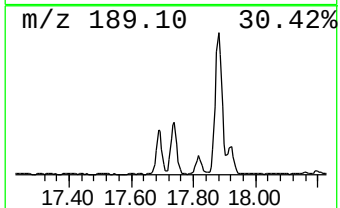
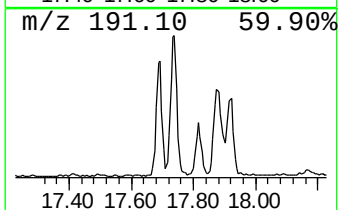
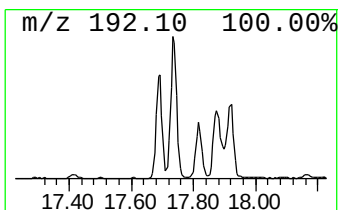
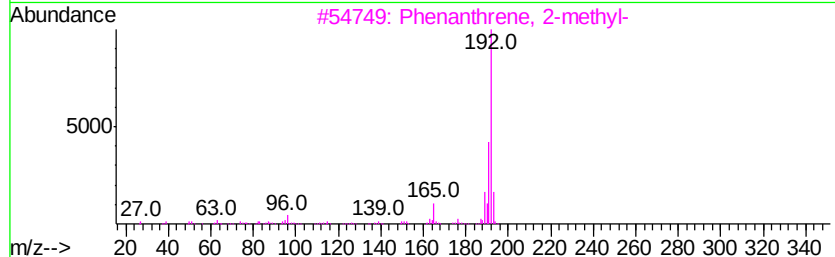
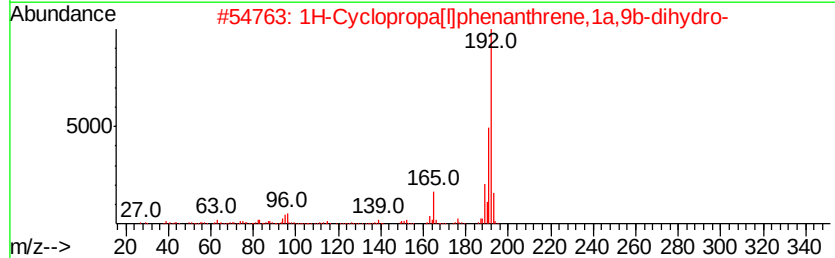
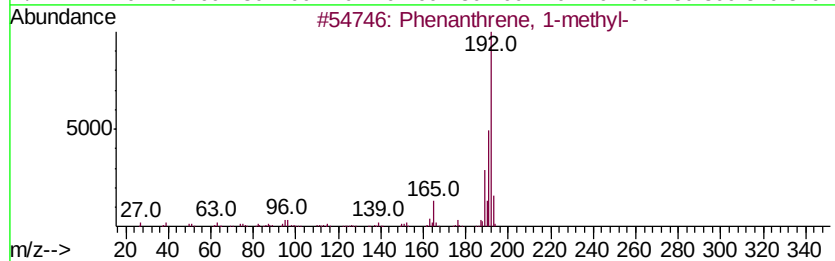
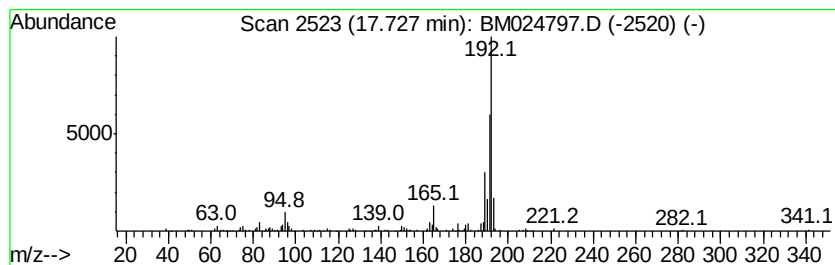
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Phenanthrene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.		
17.73	2.10 ng/ul	450140	Phenanthrene-d10	16.81		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97	
2	1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	96	
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96	
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96	
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96	



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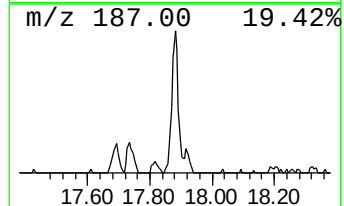
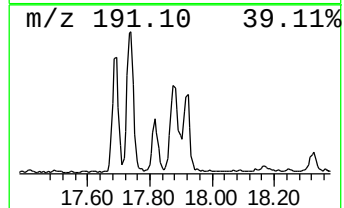
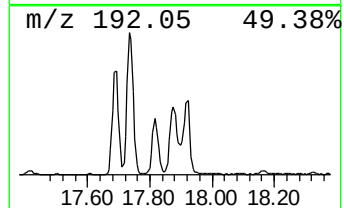
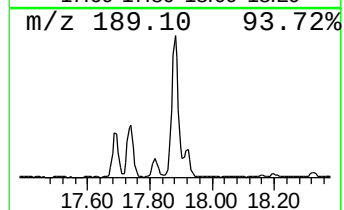
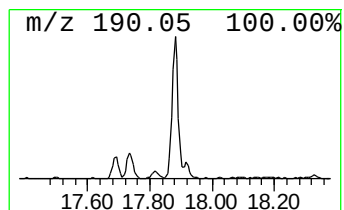
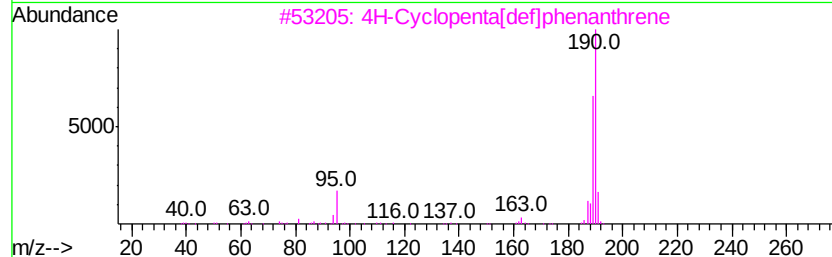
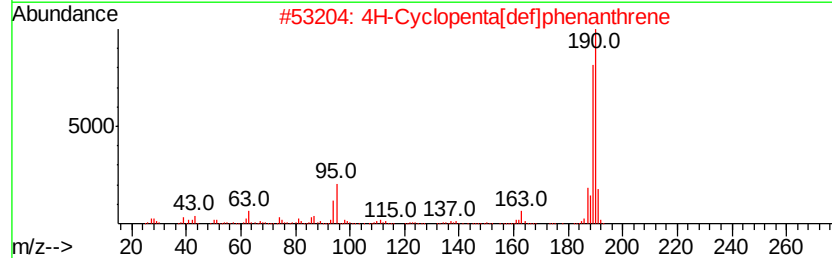
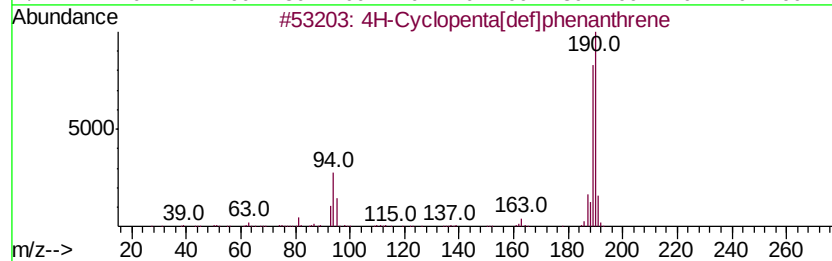
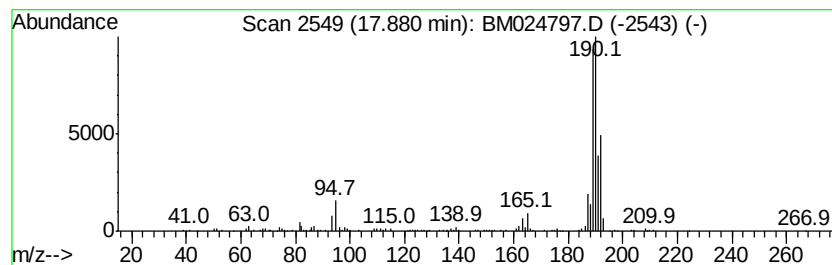
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 4H-Cyclopenta[def]phenanthrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.88	2.45 ng/ul	523760	Phenanthrene-d10	16.81

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	86
2		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
3		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	46
4		2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	43
5		Pyrazole-4-carboxaldehyde, 3-(4-...	190	C10H7FN2O	306936-57-2	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020620\
Data File : BM024797.D
Acq On : 08 Feb 2020 13:51
Operator : CG/JU
Sample : L1400-16
Misc :
ALS Vial : 76 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
CB6J2

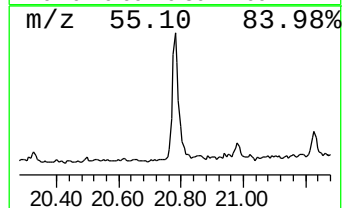
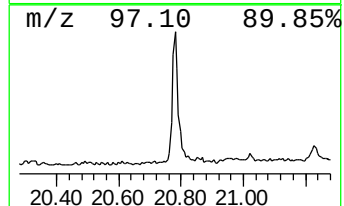
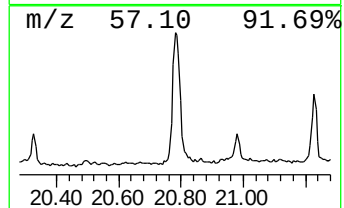
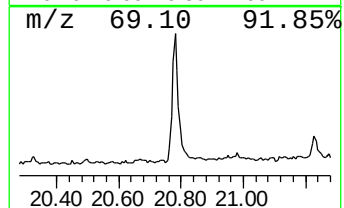
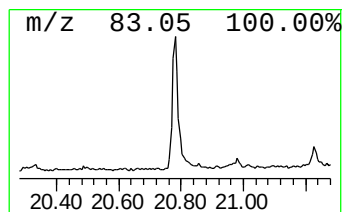
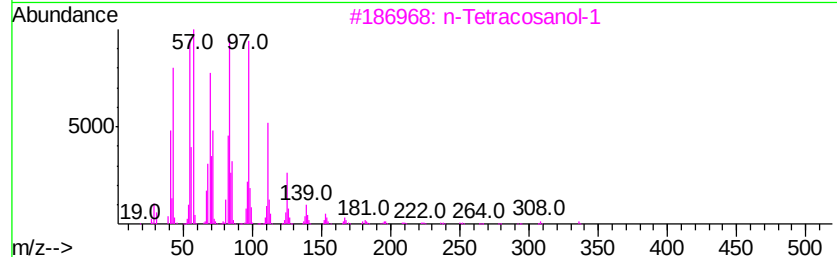
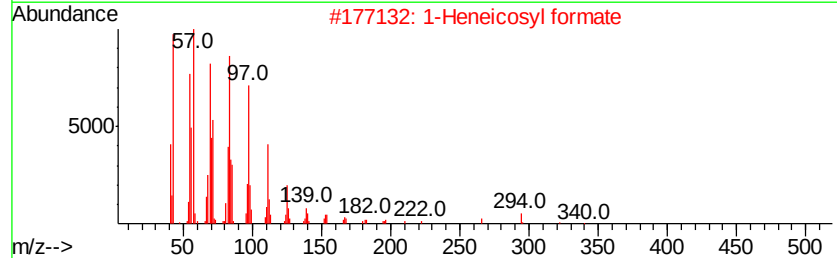
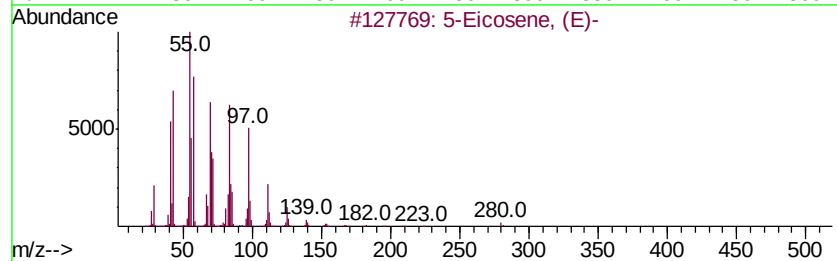
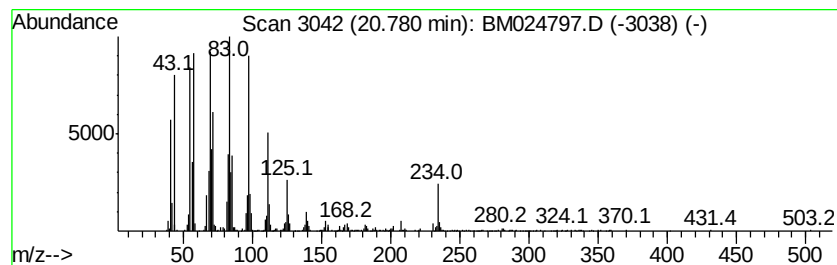
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.78	4.45 ng/ul	1544710	Chrysene-d12	21.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Eicosene, (E)-	280	C20H40	074685-30-6	96
2		1-Heneicosyl formate	340	C22H44O2	077899-03-7	94
3		n-Tetracosanol-1	354	C24H50O	000506-51-4	94
4		Behenic alcohol	326	C22H46O	000661-19-8	93
5		n-Nonadecanol-1	284	C19H40O	001454-84-8	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020620\
Data File : BM024797.D
Acq On : 08 Feb 2020 13:51
Operator : CG/JU
Sample : L1400-16
Misc :
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Instrument :
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ClientSampleId :
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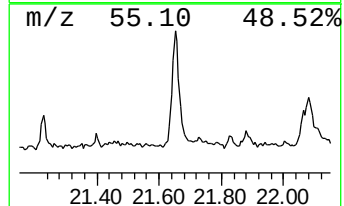
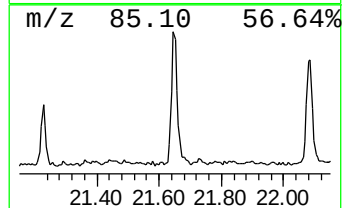
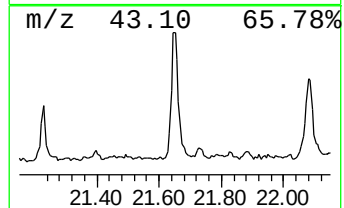
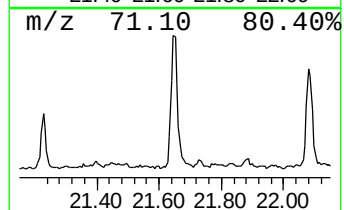
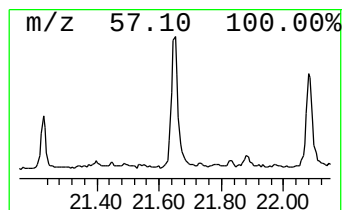
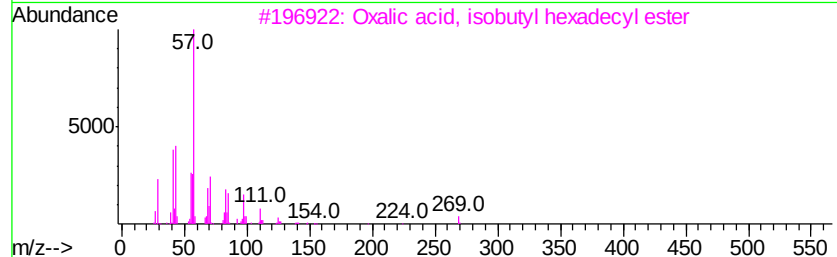
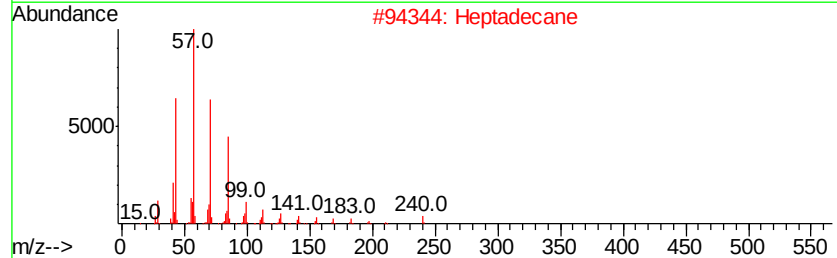
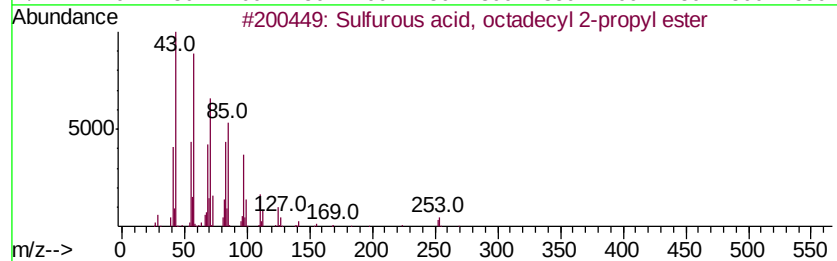
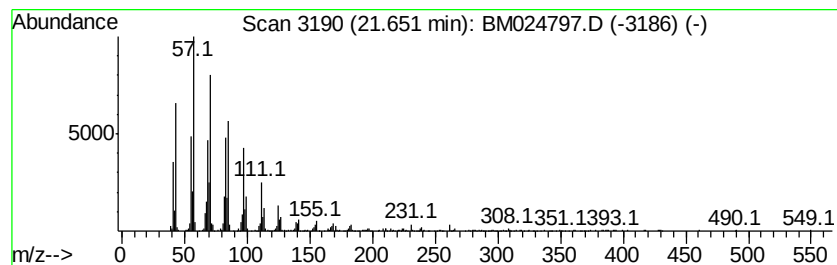
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 Sulfurous acid, octadecyl 2... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.65	3.31 ng/ul	1149000	Chrysene-d12	21.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	91
2		Heptadecane	240	C17H36	000629-78-7	91
3		Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	91
4		Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	87
5		Octacosane	394	C28H58	000630-02-4	78



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020620\
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Acq On : 08 Feb 2020 13:51
Operator : CG/JU
Sample : L1400-16
Misc :
ALS Vial : 76 Sample Multiplier: 1

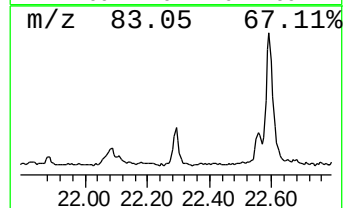
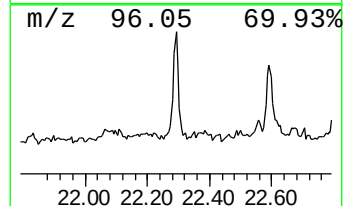
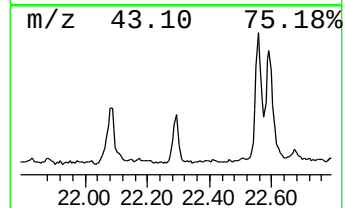
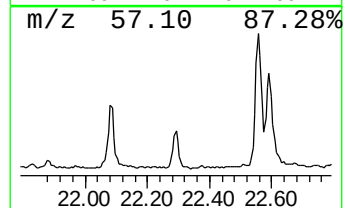
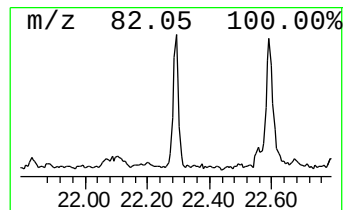
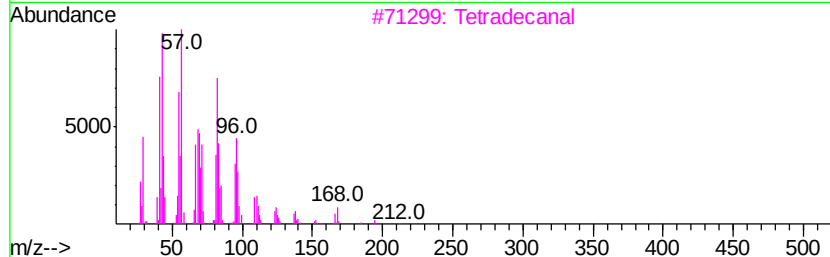
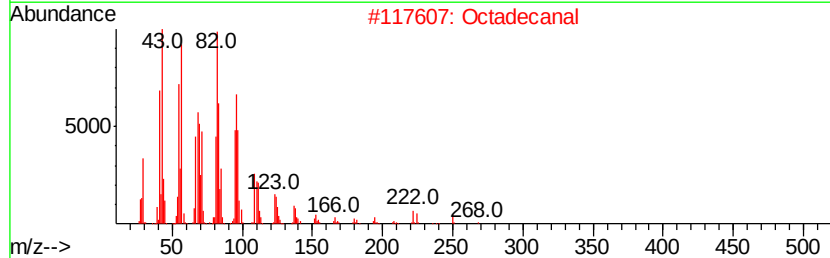
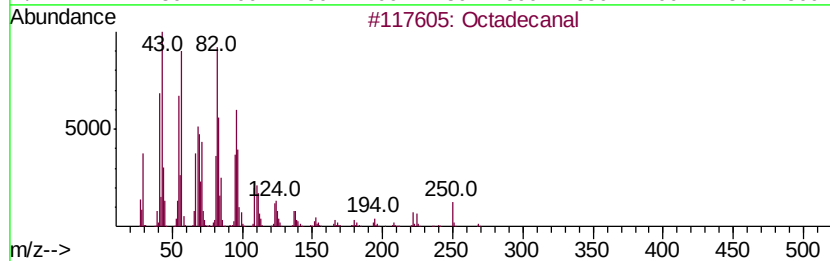
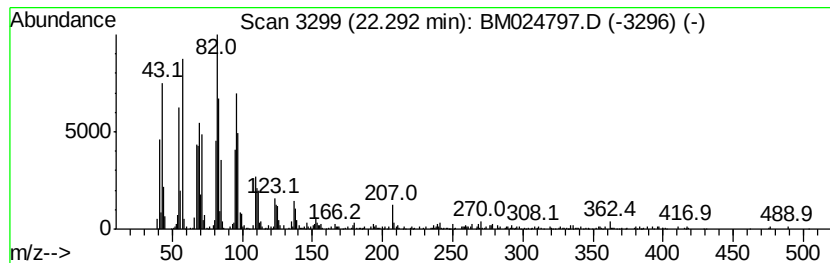
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 6 Octadecanal Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.29	3.15 ng/ul	628851	Perylene-d12	23.13
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Octadecanal	268	C18H36O	000638-66-4 94
2	Octadecanal	268	C18H36O	000638-66-4 91
3	Tetradecanal	212	C14H28O	000124-25-4 91
4	Octadecanal	268	C18H36O	000638-66-4 91
5	Tetracosanal	352	C24H48O	057866-08-7 90



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020620\
Data File : BM024797.D
Acq On : 08 Feb 2020 13:51
Operator : CG/JU
Sample : L1400-16
Misc :
ALS Vial : 76 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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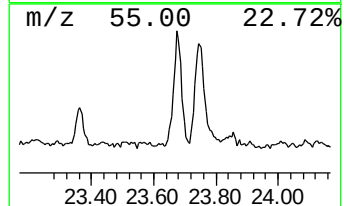
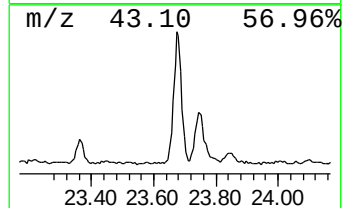
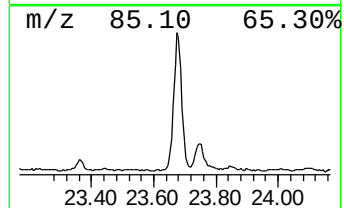
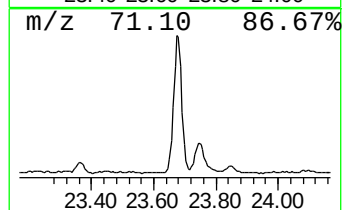
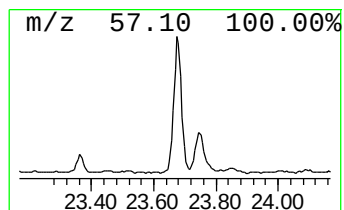
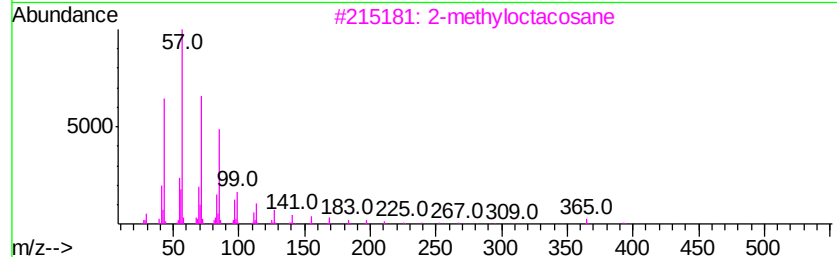
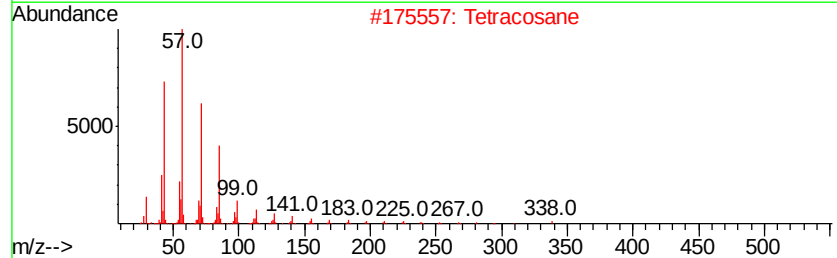
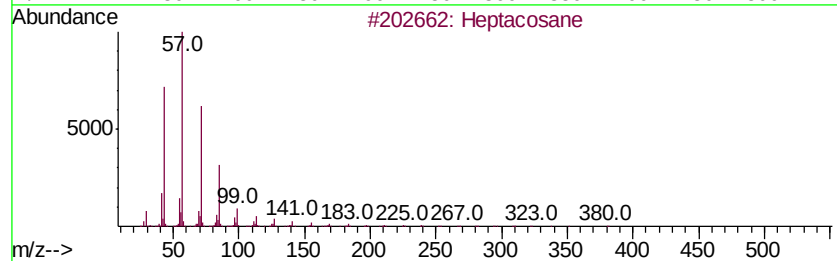
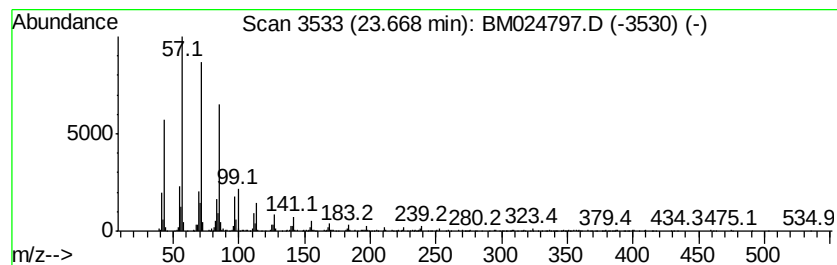
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.67	7.68 ng/ul	1534370	Perylene-d12	23.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptacosane	380	C27H56	000593-49-7	98
2		Tetracosane	338	C24H50	000646-31-1	95
3		2-methyloctacosane	408	C29H60	1000376-72-8	91
4		Heneicosane, 11-decyl-	437	C31H64	055320-06-4	91
5		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020620\
Data File : BM024797.D
Acq On : 08 Feb 2020 13:51
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Sample : L1400-16
Misc :
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Instrument :
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ClientSampleId :
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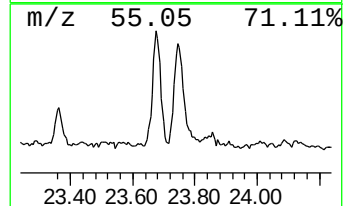
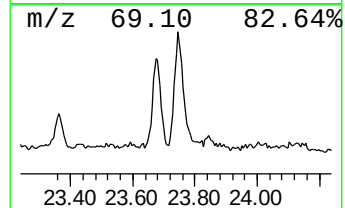
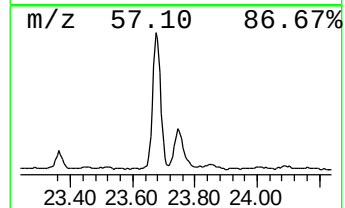
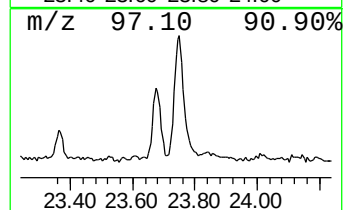
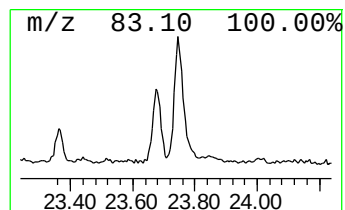
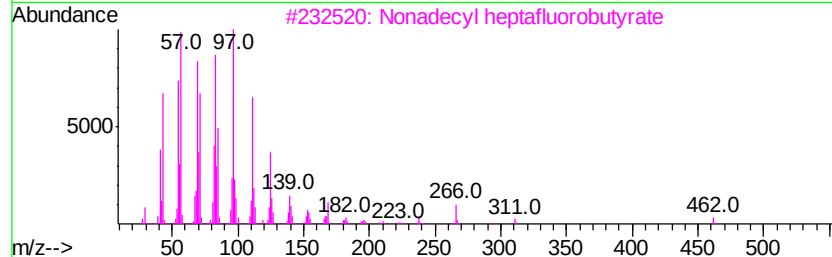
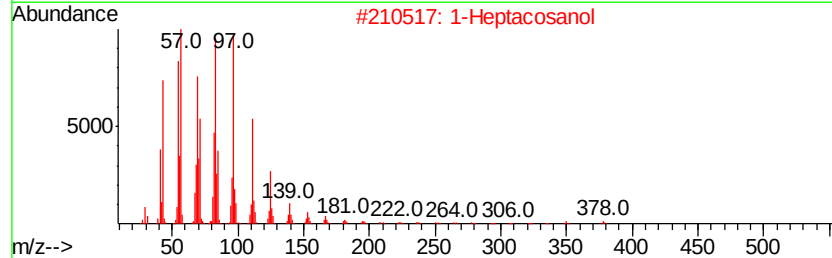
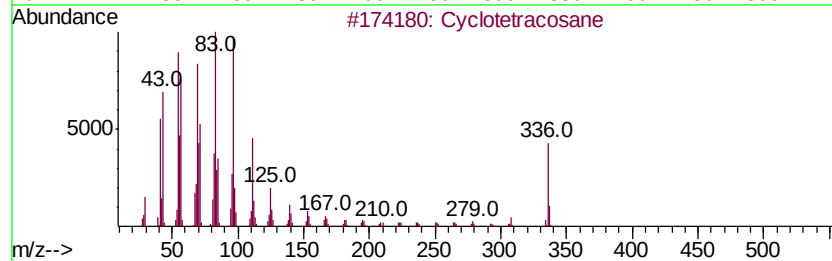
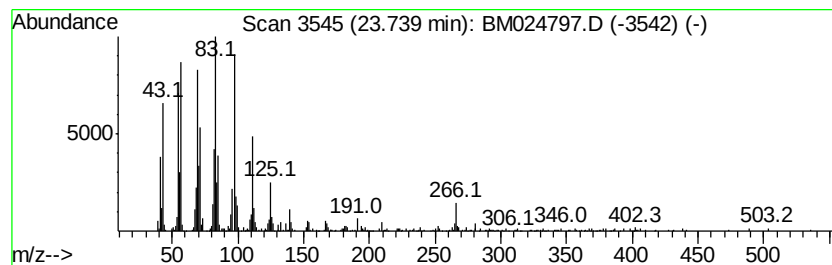
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 (DEL) Alkane: Cyclic23.74 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.74	5.23 ng/ul	1044080	Perylene-d12	23.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclotetracosane	336	C24H48	000297-03-0	97
2		1-Heptacosanol	396	C27H56O	002004-39-9	93
3		Nonadecyl heptafluorobutvrate	480	C23H39F7O2	1000351-83-9	91
4		Heptacosyl acetate	438	C29H58O2	1000351-78-2	89
5		Octacosyl acetate	452	C30H60O2	018206-97-8	89



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM020620\
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Acq On : 08 Feb 2020 13:51
Operator : CG/JU
Sample : L1400-16
Misc :
ALS Vial : 76 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
Cyclopentasiloxan...	9.03	3.5	ng/ul	415988	2	10.16	2403610	20.0
Phenanthrene, 1-m...	17.73	2.1	ng/ul	450140	4	16.81	4280660	20.0
4H-Cyclopenta[def...	17.88	2.5	ng/ul	523760	4	16.81	4280660	20.0
(DEL) Alkane: Str...	20.78	4.5	ng/ul	1544710	5	21.02	6947140	20.0
Sulfurous acid, o...	21.65	3.3	ng/ul	1149000	5	21.02	6947140	20.0
Octadecanal	22.29	3.1	ng/ul	628851	6	23.13	3995800	20.0
(DEL) Alkane: Str...	23.67	7.7	ng/ul	1534370	6	23.13	3995800	20.0
(DEL) Alkane: Cyc...	23.74	5.2	ng/ul	1044080	6	23.13	3995800	20.0