

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121119\
 Data File : BM024039.D
 Acq On : 11 Dec 2019 18:29
 Operator : JU
 Sample : K6088-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0BM7

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-BM112719MA.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	3.034	22	25	34	rVB2	52149	84756	1.89%	0.127%
2	3.646	125	129	138	rVB	48548	79426	1.77%	0.119%
3	3.728	141	143	146	rVB2	19419	18515	0.41%	0.028%
4	4.640	294	298	308	rVB	52532	91139	2.03%	0.137%
5	6.669	637	643	664	rVB	688635	1283601	28.60%	1.929%
6	6.828	664	670	683	rBV	616468	1031266	22.98%	1.550%
7	7.010	694	701	715	rBV	780947	1294910	28.86%	1.946%
8	7.116	715	719	725	rVB8	11679	21658	0.48%	0.033%
9	7.475	772	780	792	rBV	1220256	1950934	43.47%	2.932%
10	7.698	815	818	821	rBV5	6639	7259	0.16%	0.011%
11	8.192	896	902	914	rBV2	832392	1436588	32.01%	2.159%
12	8.310	918	922	928	rVB3	22997	40049	0.89%	0.060%
13	8.628	969	976	986	rBV	720917	1226578	27.33%	1.843%
14	9.075	1048	1052	1057	rVB5	11512	17252	0.38%	0.026%
15	9.345	1091	1098	1117	rBV	559245	983284	21.91%	1.478%
16	9.881	1181	1189	1203	rBV	847169	1547728	34.49%	2.326%
17	10.245	1243	1251	1258	rBV	1692587	2796467	62.32%	4.203%
18	10.398	1270	1277	1296	rBV	670113	1369450	30.52%	2.058%
19	11.498	1460	1464	1468	rBV6	4597	7395	0.16%	0.011%
20	11.704	1496	1499	1503	rBV5	7786	10564	0.24%	0.016%
21	11.851	1519	1524	1533	rVV2	13413	26416	0.59%	0.040%
22	11.928	1533	1537	1546	rVB	16127	25935	0.58%	0.039%
23	12.151	1569	1575	1581	rVB7	9973	19262	0.43%	0.029%
24	12.480	1627	1631	1635	rVB6	7965	12099	0.27%	0.018%
25	12.680	1663	1665	1671	rBV5	5612	8146	0.18%	0.012%
26	12.745	1671	1676	1681	rVB6	11133	18920	0.42%	0.028%
27	12.975	1710	1715	1719	rBV4	17744	26594	0.59%	0.040%
28	13.316	1766	1773	1777	rBV7	6614	16497	0.37%	0.025%
29	13.451	1789	1796	1803	rBV8	11664	22010	0.49%	0.033%
30	13.510	1803	1806	1808	rBV4	10190	9762	0.22%	0.015%
31	13.557	1808	1814	1819	rVV	1743305	2375900	52.94%	3.571%
32	13.604	1819	1822	1832	rVB	371737	536155	11.95%	0.806%
33	13.692	1832	1837	1841	rVB5	10208	16947	0.38%	0.025%
34	13.822	1853	1859	1870	rBV	1903016	2813638	62.70%	4.228%

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 Title : SVOA CALIBRATION

35	14.063	1895	1900	1904	rBV5	13920	18255	0.41%	0.027%
36	14.133	1904	1912	1927	rVV2	2553902	3736878	83.27%	5.616%
37	14.374	1948	1953	1973	rBV	257194	652323	14.54%	0.980%
38	14.510	1975	1976	1979	rVV3	13158	14014	0.31%	0.021%
39	14.545	1979	1982	1983	rVV3	13030	14462	0.32%	0.022%
40	14.586	1985	1989	2000	rVV8	34543	80011	1.78%	0.120%
41	14.686	2004	2006	2009	rVV4	8283	7638	0.17%	0.011%
42	14.757	2013	2018	2021	rVV5	5024	9137	0.20%	0.014%
43	14.821	2025	2029	2033	rVB5	6120	7158	0.16%	0.011%
44	14.963	2049	2053	2060	rVV3	14095	26753	0.60%	0.040%
45	15.021	2060	2063	2069	rVB3	20182	26057	0.58%	0.039%
46	15.133	2076	2082	2095	rBV	2468054	3617217	80.61%	5.436%
47	15.280	2102	2107	2118	rBV	465658	713742	15.91%	1.073%
48	15.374	2119	2123	2130	rVV2	30379	50708	1.13%	0.076%
49	15.427	2130	2132	2136	rVB4	8209	8883	0.20%	0.013%
50	15.492	2139	2143	2145	rVV4	6347	7560	0.17%	0.011%
51	15.527	2145	2149	2151	rVB5	6649	9669	0.22%	0.015%
52	15.580	2154	2158	2162	rBV5	12626	13929	0.31%	0.021%
53	15.727	2180	2183	2189	rVB7	7908	10294	0.23%	0.015%
54	15.833	2197	2201	2203	rBV5	7521	9970	0.22%	0.015%
55	15.886	2206	2210	2213	rVV6	18401	26862	0.60%	0.040%
56	15.921	2213	2216	2227	rVB6	10692	23855	0.53%	0.036%
57	16.051	2233	2238	2244	rBV4	11000	20356	0.45%	0.031%
58	16.139	2249	2253	2259	rBV	18149	23694	0.53%	0.036%
59	16.298	2276	2280	2282	rBV3	9403	10883	0.24%	0.016%
60	16.321	2282	2284	2290	rVB6	10235	13728	0.31%	0.021%
61	16.639	2333	2338	2341	rBV7	8048	13686	0.30%	0.021%
62	16.680	2341	2345	2349	rVV3	29786	42600	0.95%	0.064%
63	16.739	2353	2355	2358	rVB4	7921	7276	0.16%	0.011%
64	16.821	2365	2369	2372	rBV5	8151	12979	0.29%	0.020%
65	16.886	2374	2380	2391	rVV	2836696	4141553	92.29%	6.224%
66	16.986	2391	2397	2411	rVV	2629936	3661898	81.60%	5.503%
67	17.092	2413	2415	2421	rVB6	12785	19192	0.43%	0.029%
68	17.204	2431	2434	2437	rBV4	7919	10559	0.24%	0.016%
69	17.310	2447	2452	2461	rBV10	13000	29628	0.66%	0.045%
70	17.415	2466	2470	2474	rBV4	16137	26333	0.59%	0.040%
71	17.686	2510	2516	2523	rBV9	23406	56311	1.25%	0.085%

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72	17.751	2523	2527	2533	rBV6	39084	73113	1.63%	0.110%
73	17.809	2533	2537	2546	rBV2	256014	422458	9.41%	0.635%
74	17.957	2560	2562	2565	rVB3	11771	12475	0.28%	0.019%
75	18.109	2585	2588	2594	rVB5	19209	27517	0.61%	0.041%
76	18.245	2604	2611	2615	rBV8	36207	64220	1.43%	0.097%
77	18.574	2664	2667	2670	rBV3	15899	13981	0.31%	0.021%
78	18.698	2684	2688	2692	rVB7	19729	29520	0.66%	0.044%
79	18.751	2694	2697	2700	rVV3	29503	34254	0.76%	0.051%
80	18.798	2702	2705	2709	rBV6	21699	26424	0.59%	0.040%
81	18.927	2725	2727	2730	rBV	20421	14287	0.32%	0.021%
82	18.962	2730	2733	2734	rBV3	18930	20537	0.46%	0.031%
83	19.104	2754	2757	2766	rBV4	54061	91698	2.04%	0.138%
84	19.180	2767	2770	2773	rVV2	27531	28646	0.64%	0.043%
85	19.292	2783	2789	2795	rBV	2911568	3988478	88.88%	5.994%
86	19.374	2800	2803	2807	rVB5	28547	37724	0.84%	0.057%
87	19.880	2886	2889	2892	rVB	63199	65229	1.45%	0.098%
88	20.380	2970	2974	2977	rBV	110890	136312	3.04%	0.205%
89	20.839	3048	3052	3059	rBV	577046	793539	17.68%	1.193%
90	21.098	3091	3096	3107	rBV	3110780	4184712	93.25%	6.289%
91	21.280	3123	3127	3131	rBV	503635	575330	12.82%	0.865%
92	21.697	3194	3198	3208	rBV	899706	1085197	24.18%	1.631%
93	22.139	3269	3273	3280	rVB	1129476	1343416	29.94%	2.019%
94	22.256	3289	3293	3299	rVB	1049655	1305617	29.09%	1.962%
95	22.621	3351	3355	3360	rVB	1082555	1465745	32.66%	2.203%
96	23.097	3431	3436	3442	rBV	2172459	3885433	86.58%	5.839%
97	23.156	3442	3446	3452	rVV	1005027	1584776	35.32%	2.382%
98	23.233	3453	3459	3473	rVB	2392447	4487492	100.00%	6.744%
99	23.762	3544	3549	3556	rVB	774428	1362966	30.37%	2.048%
100	24.462	3664	3668	3677	rVB	496519	976978	21.77%	1.468%

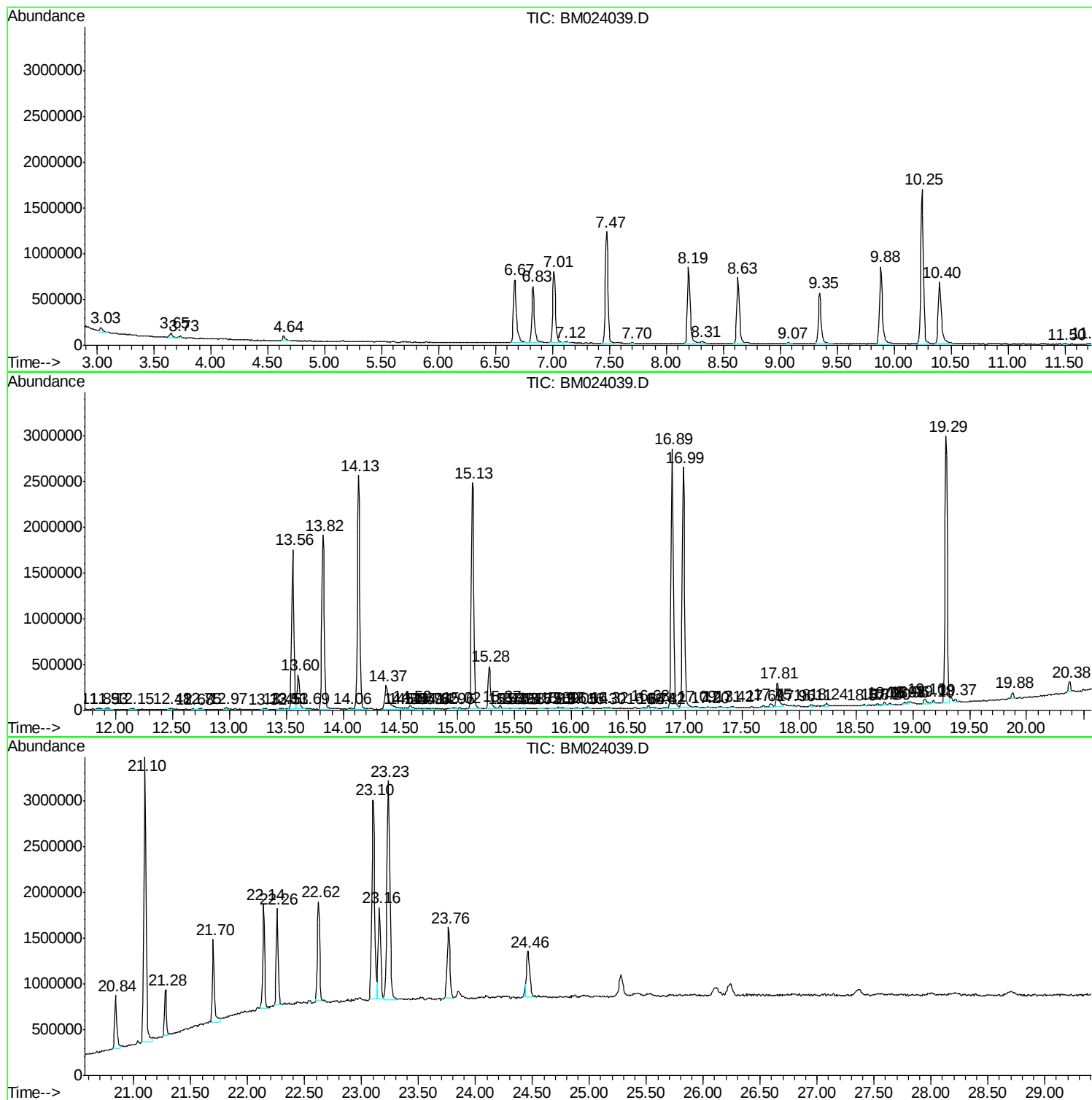
Sum of corrected areas: 66541225

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
Quant Title : SVOA CALIBRATION

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



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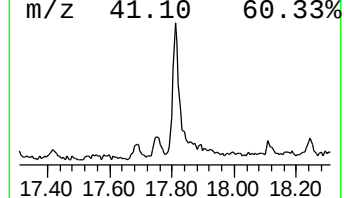
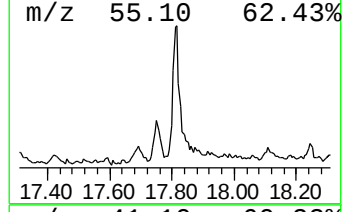
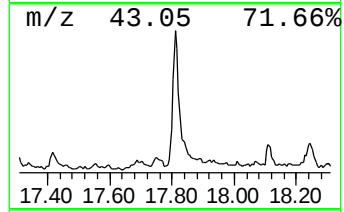
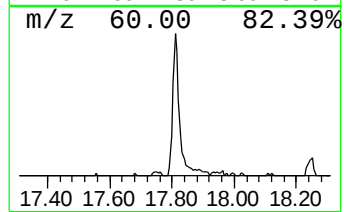
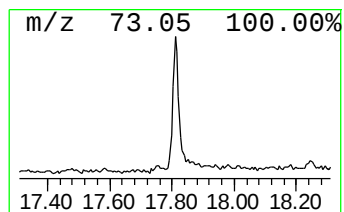
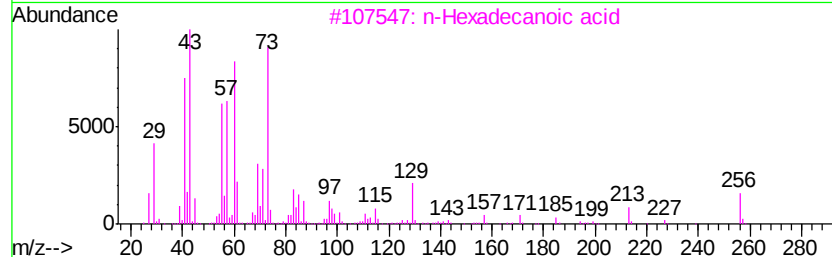
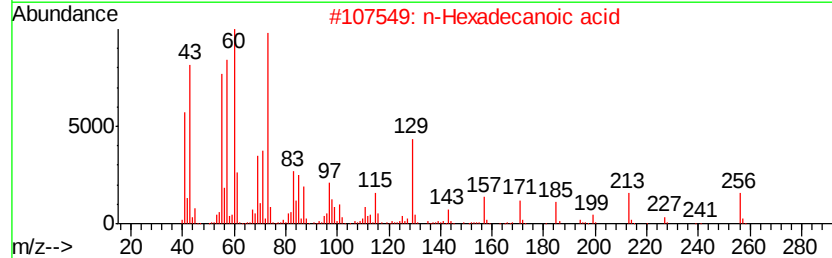
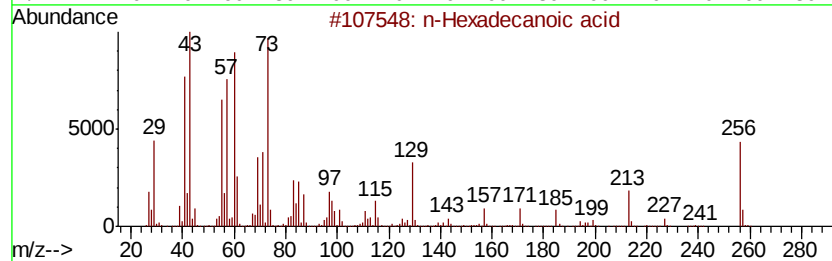
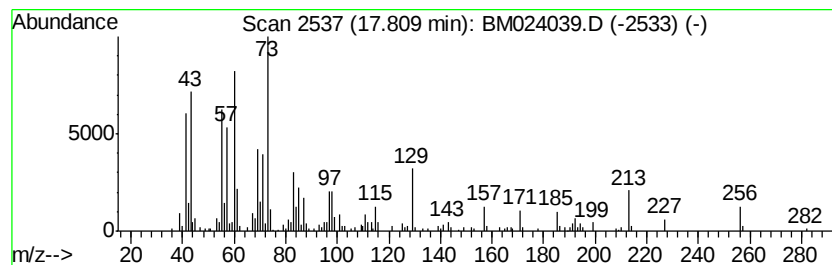
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD		R.T.
17.81	2.04 ng/ul	422458	Phenanthrene-d10		16.89

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	98
3			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
4			Tridecanoic acid	214	C13H26O2	000638-53-9	62
5			Pentadecanoic acid	242	C15H30O2	001002-84-2	62



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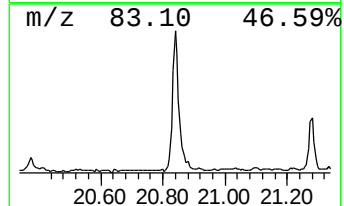
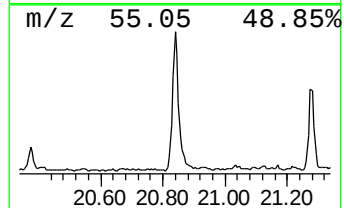
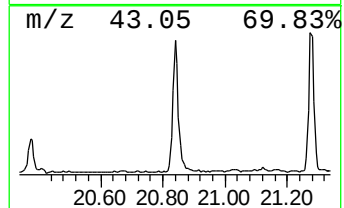
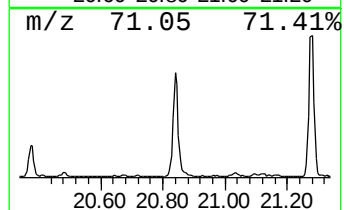
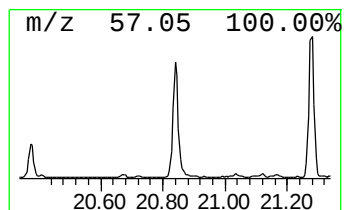
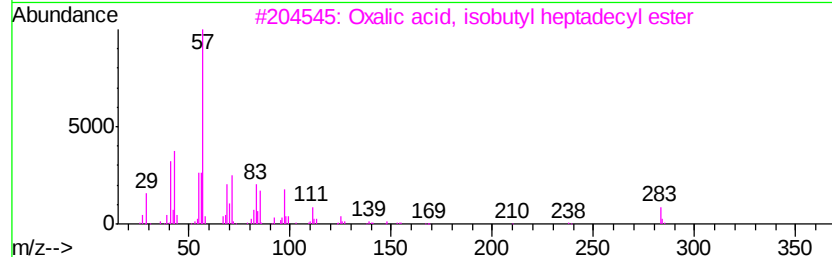
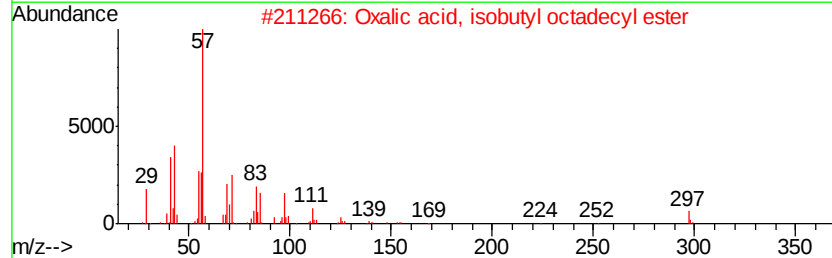
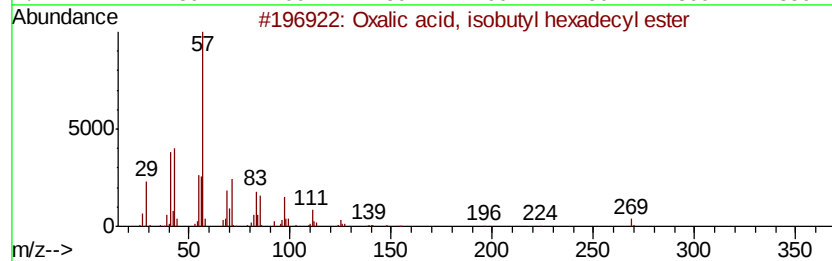
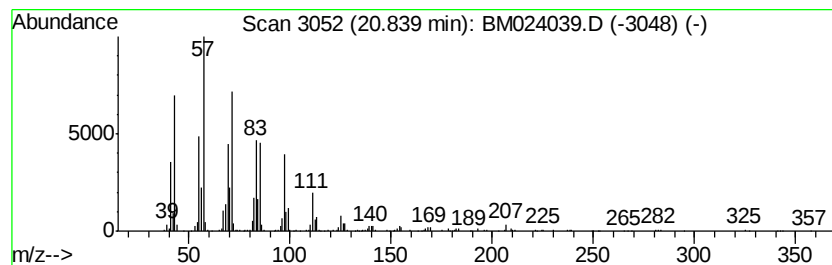
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 Oxalic acid, isobutyl hexadecyl... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.84	3.79 ng/ul	793539	Chrysene-d12	21.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	90
2		Oxalic acid, isobutyl octadecyl ...	398	C24H46O4	1000309-38-3	87
3		Oxalic acid, isobutyl heptadecyl...	384	C23H44O4	1000309-38-2	87
4		Oxalic acid, isobutyl pentadecyl...	356	C21H40O4	1000309-38-0	87
5		Tetrapentacontane, 1,54-dibromo-	915	C54H108Br2	1000156-09-4	83



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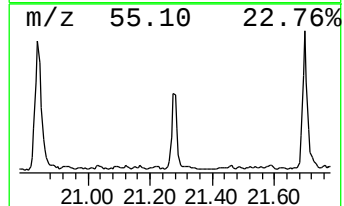
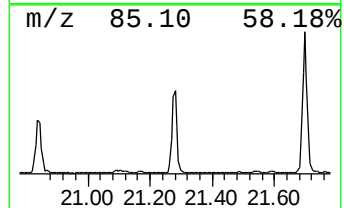
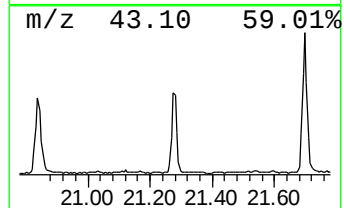
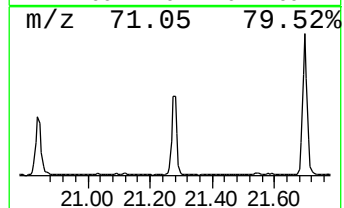
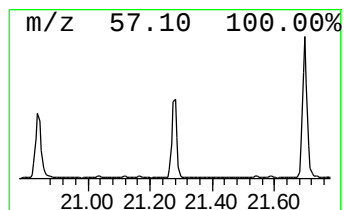
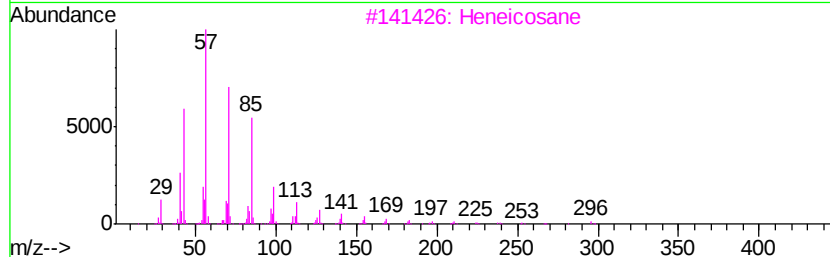
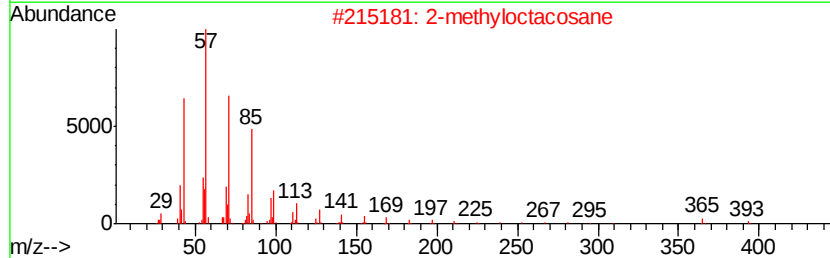
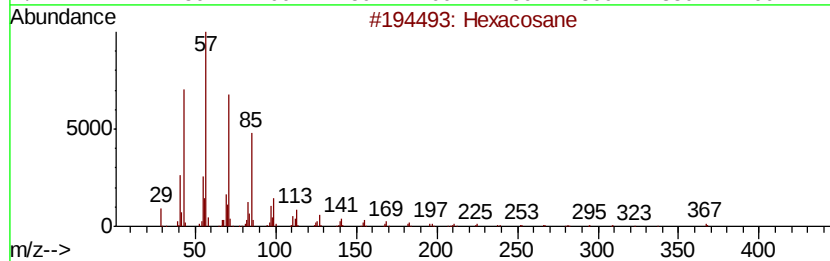
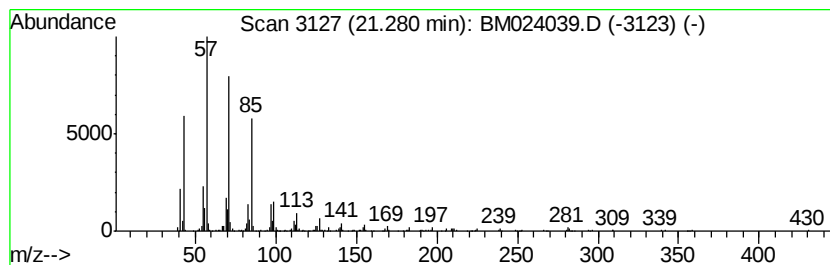
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.28	2.75 ng/ul	575330	Chrysene-d12	21.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	94
2		2-methyloctacosane	408	C29H60	1000376-72-8	91
3		Heneicosane	296	C21H44	000629-94-7	91
4		Tetracosane	338	C24H50	000646-31-1	91
5		Eicosane	282	C20H42	000112-95-8	90



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Data File : BM024039.D
Acq On : 11 Dec 2019 18:29
Operator : JU
Sample : K6088-01
Misc :
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Instrument :
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ClientSampleId :
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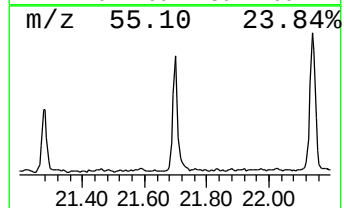
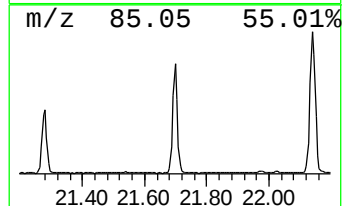
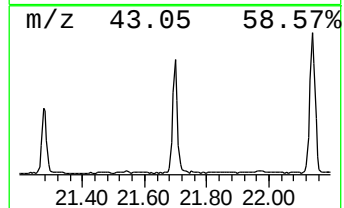
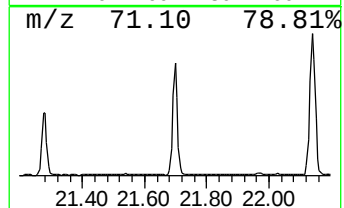
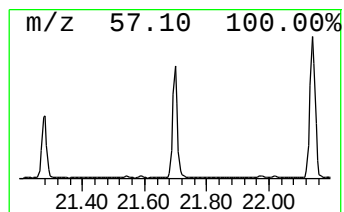
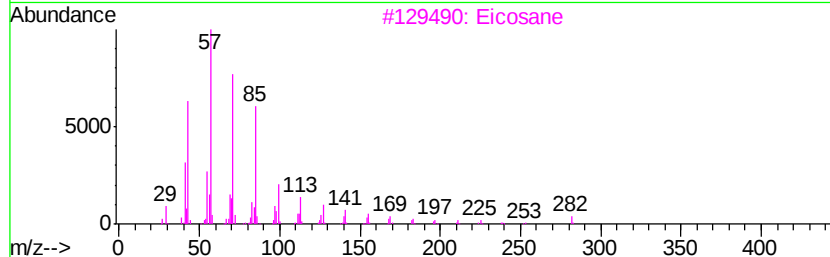
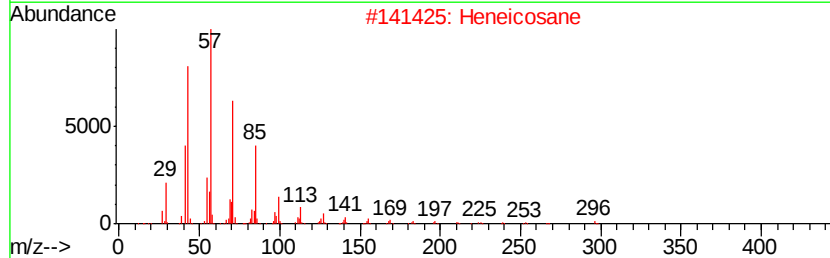
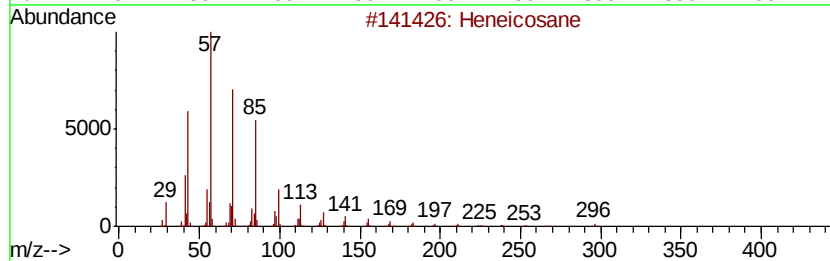
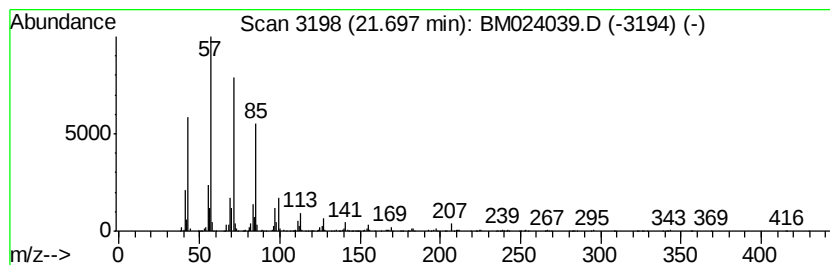
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.70	5.19 ng/ul	1085200	Chrysene-d12	21.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Heneicosane	296	C21H44	000629-94-7	91
3		Eicosane	282	C20H42	000112-95-8	90
4		Heptacosane	380	C27H56	000593-49-7	87
5		Octadecane	254	C18H38	000593-45-3	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121119\
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Misc :
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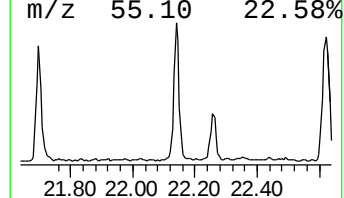
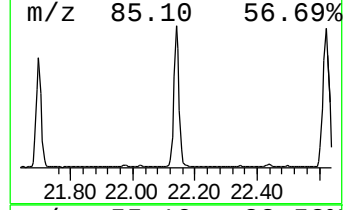
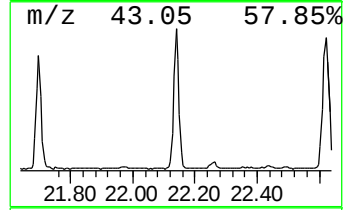
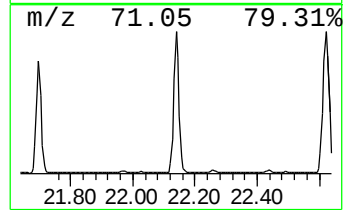
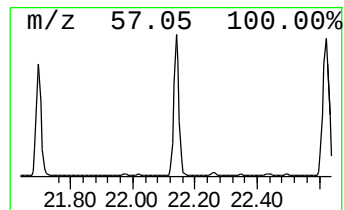
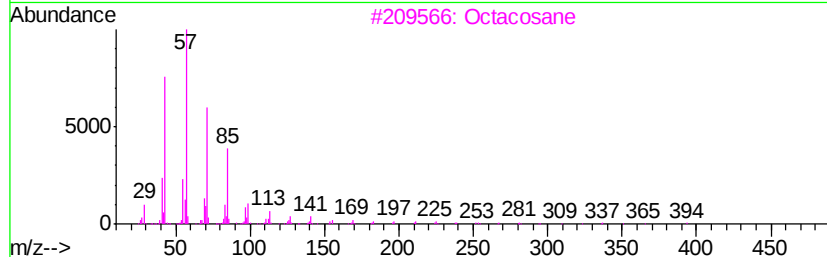
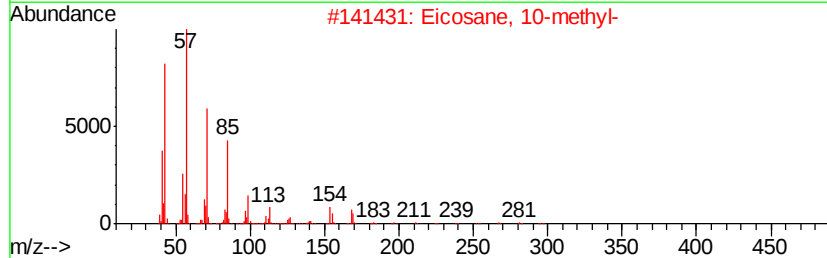
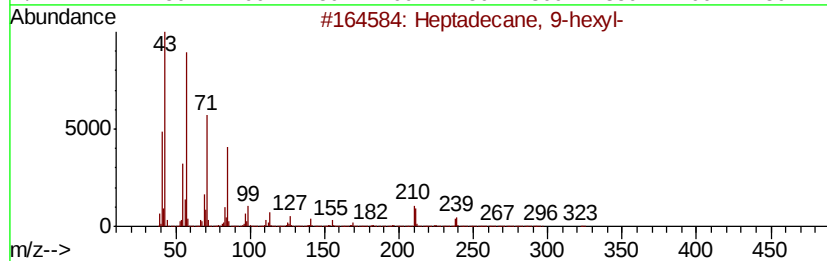
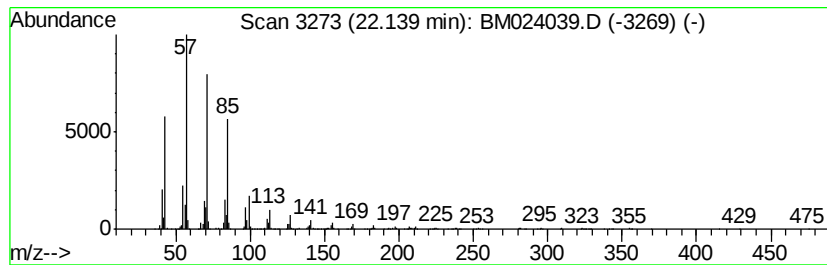
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.14	6.42 ng/ul	1343420	Chrysene-d12	21.10

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptadecane, 9-hexyl-	324	C23H48	055124-79-3	94
2		Eicosane, 10-methyl-	296	C21H44	054833-23-7	94
3		Octacosane	394	C28H58	000630-02-4	91
4		Heneicosane	296	C21H44	000629-94-7	91
5		Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121119\
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Acq On : 11 Dec 2019 18:29
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Sample : K6088-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

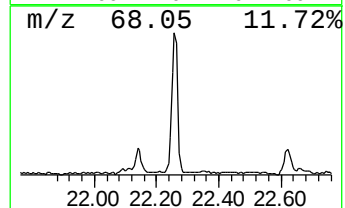
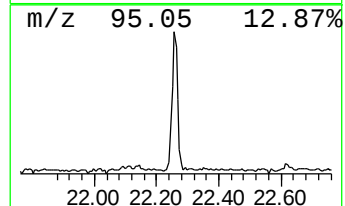
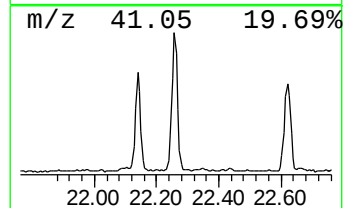
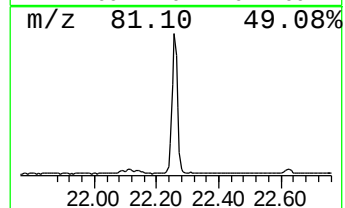
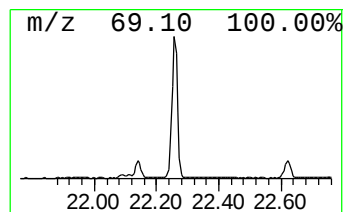
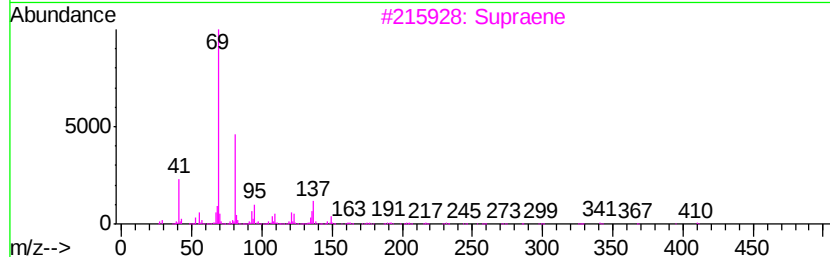
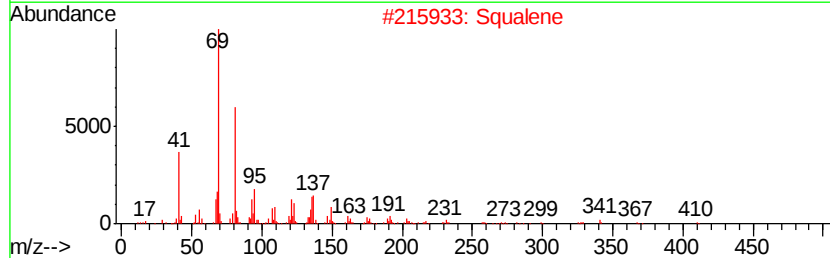
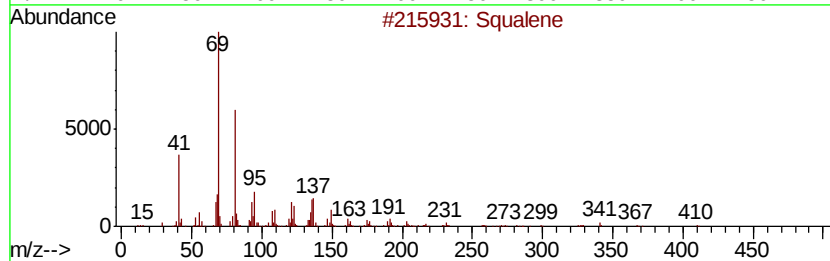
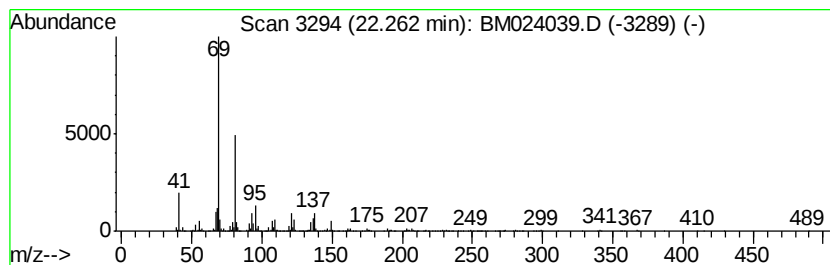
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 Squalene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
22.26	5.82 ng/ul	1305620	Perylene-d12	23.23	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	000111-02-4	91
2	Squalene	410	C30H50	000111-02-4	91
3	Supraene	410	C30H50	007683-64-9	91
4	Squalene	410	C30H50	000111-02-4	91
5	Squalene	410	C30H50	000111-02-4	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121119\
Data File : BM024039.D
Acq On : 11 Dec 2019 18:29
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Misc :
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Instrument :
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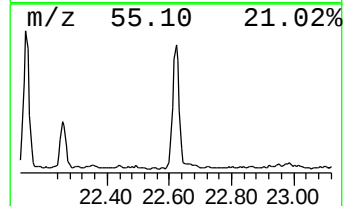
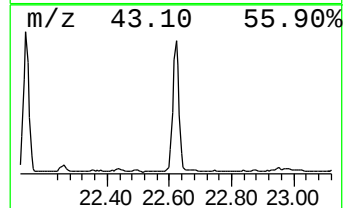
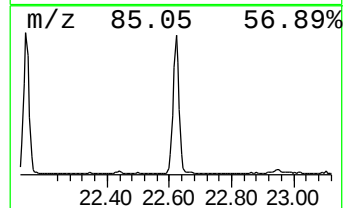
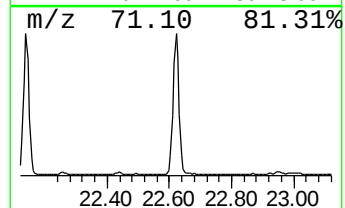
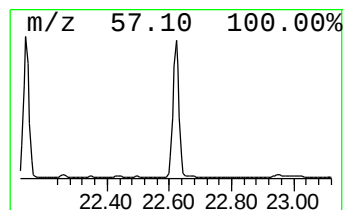
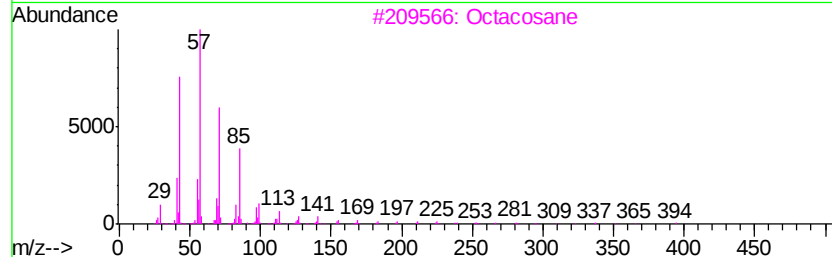
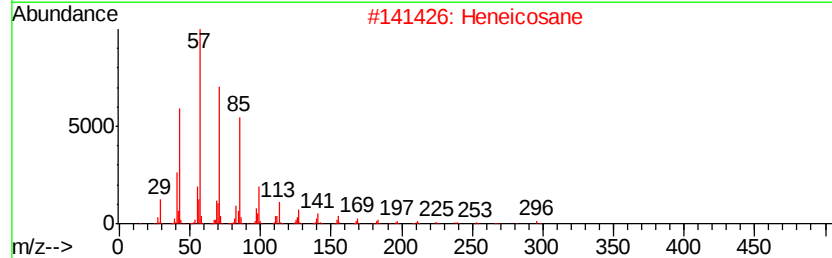
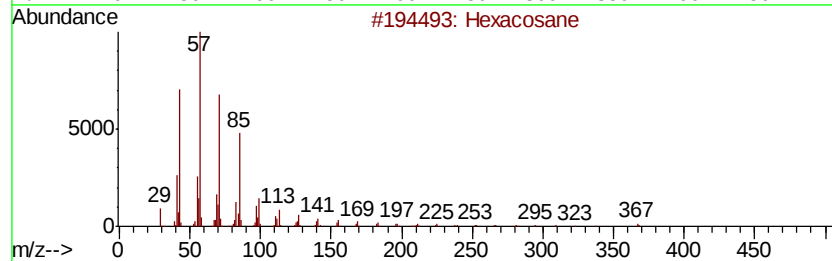
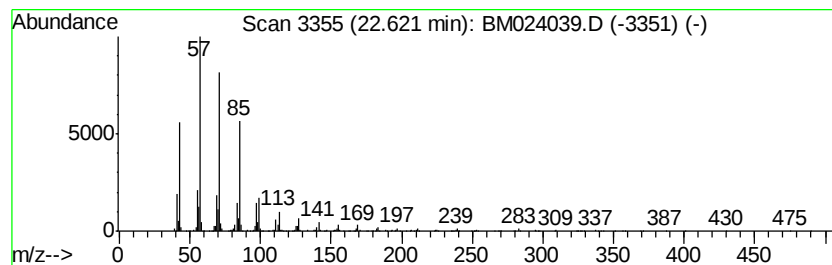
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.62	6.53 ng/ul	1465750	Perylene-d12	23.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	91
2		Heneicosane	296	C21H44	000629-94-7	91
3		Octacosane	394	C28H58	000630-02-4	91
4		Tetracosane	338	C24H50	000646-31-1	91
5		Heneicosane	296	C21H44	000629-94-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121119\
Data File : BM024039.D
Acq On : 11 Dec 2019 18:29
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Misc :
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Instrument :
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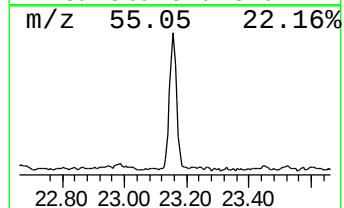
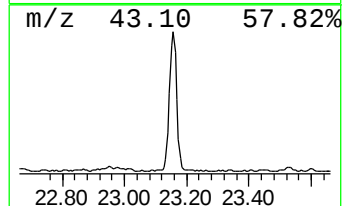
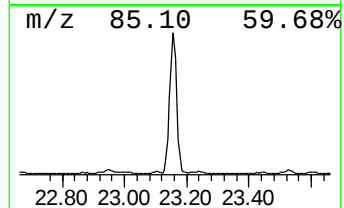
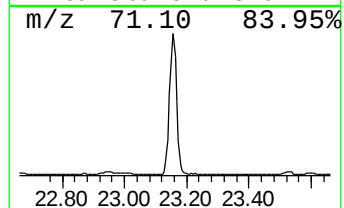
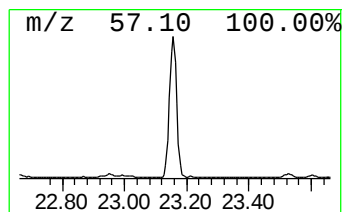
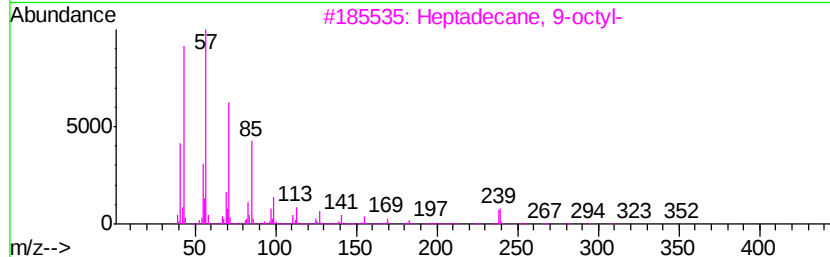
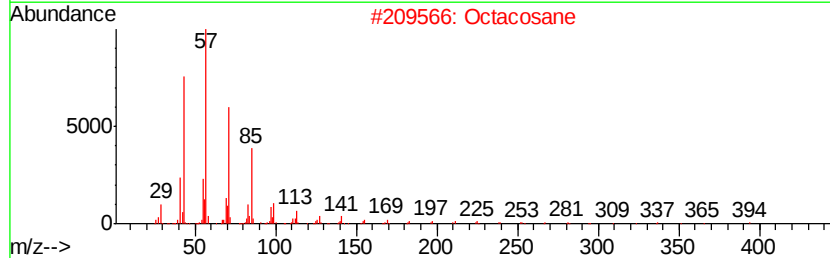
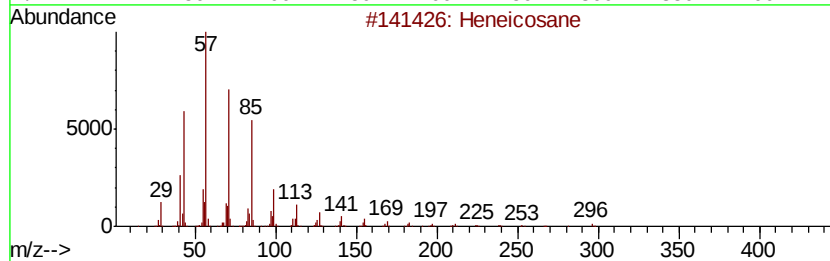
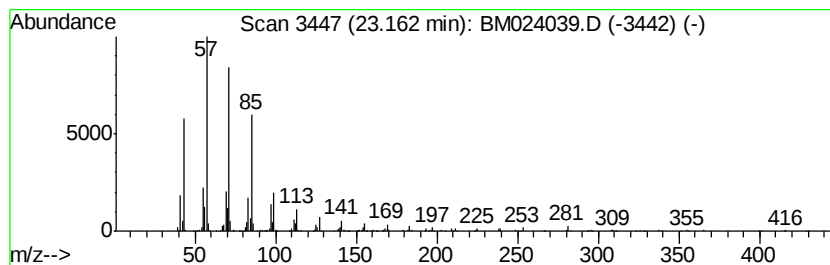
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.16	7.06 ng/ul	1584780	Perylene-d12	23.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Octacosane	394	C28H58	000630-02-4	91
3		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4		Hexacosane	366	C26H54	000630-01-3	91
5		Heptacosane	380	C27H56	000593-49-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121119\
Data File : BM024039.D
Acq On : 11 Dec 2019 18:29
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Misc :
ALS Vial : 8 Sample Multiplier: 1

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ClientSampleId :
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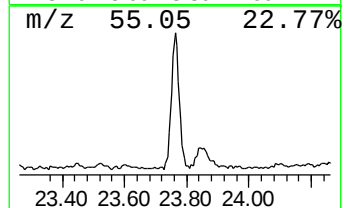
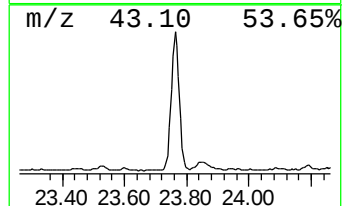
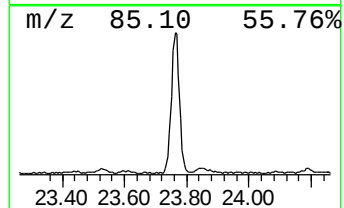
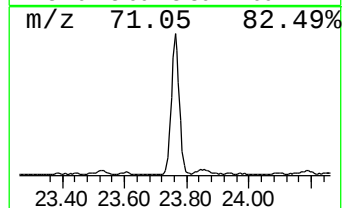
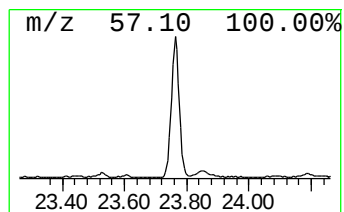
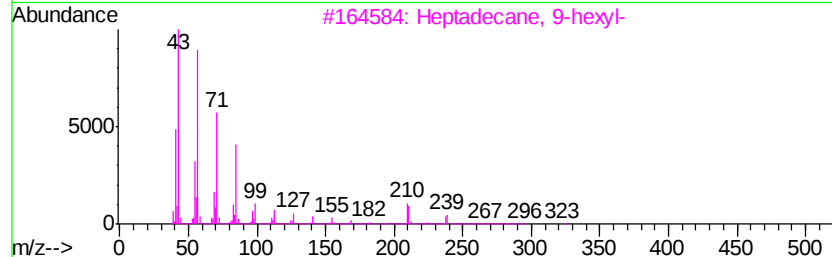
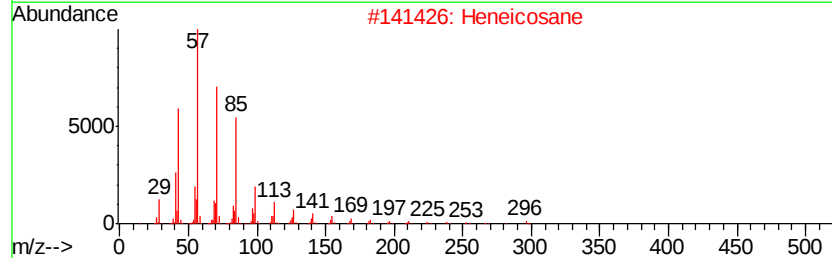
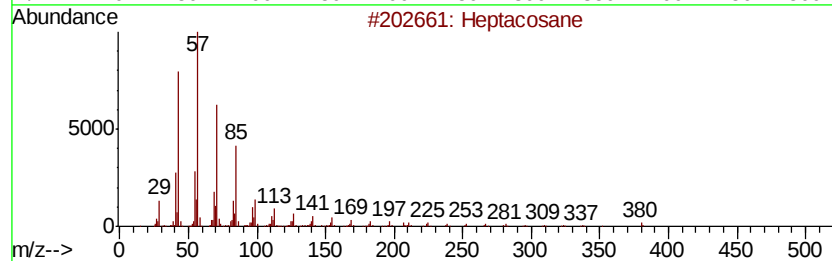
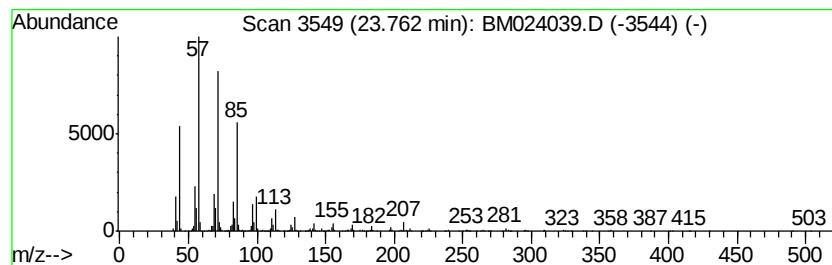
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.76	6.07 ng/ul	1362970	Perylene-d12	23.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptacosane	380	C27H56	000593-49-7	91
2		Heneicosane	296	C21H44	000629-94-7	90
3		Heptadecane, 9-hexyl-	324	C23H48	055124-79-3	90
4		Hexacosane	366	C26H54	000630-01-3	90
5		Tetracosane	338	C24H50	000646-31-1	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121119\
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ALS Vial : 8 Sample Multiplier: 1

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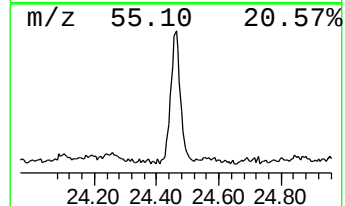
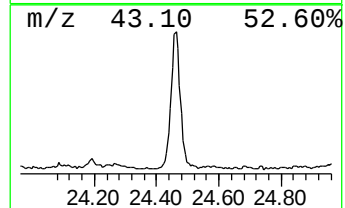
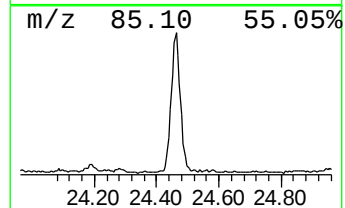
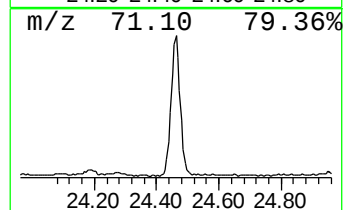
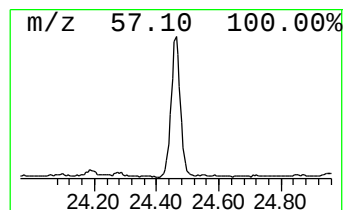
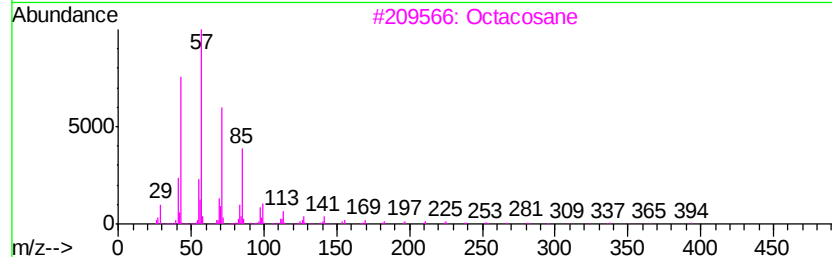
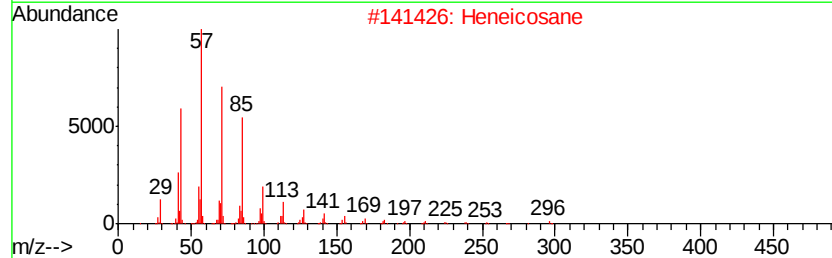
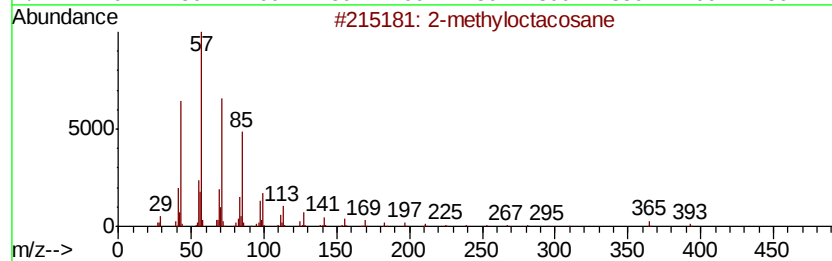
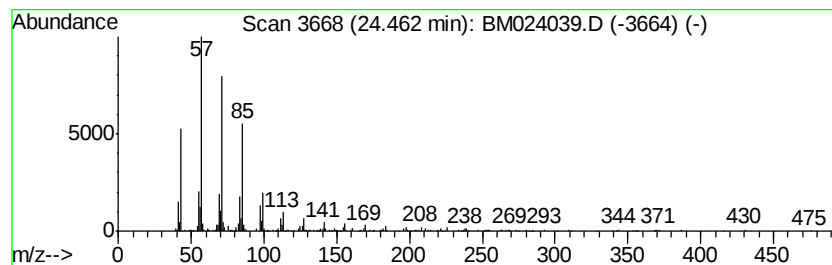
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.46	4.35 ng/ul	976978	Perylene-d12	23.23

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-methyloctacosane	408	C29H60	1000376-72-8	91
2			Heneicosane	296	C21H44	000629-94-7	91
3			Octacosane	394	C28H58	000630-02-4	90
4			Hexacosane	366	C26H54	000630-01-3	90
5			Heneicosane	296	C21H44	000629-94-7	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM121119\
Data File : BM024039.D
Acq On : 11 Dec 2019 18:29
Operator : JU
Sample : K6088-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0BM7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
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
n-Hexadecanoic acid	17.81	2.0	ng/ul	422458	4	16.89	4141550	20.0
Oxalic acid, isob...	20.84	3.8	ng/ul	793539	5	21.10	4184710	20.0
(DEL) Alkane: Str...	21.28	2.8	ng/ul	575330	5	21.10	4184710	20.0
(DEL) Alkane: Str...	21.70	5.2	ng/ul	1085200	5	21.10	4184710	20.0
(DEL) Alkane: Str...	22.14	6.4	ng/ul	1343420	5	21.10	4184710	20.0
Squalene	22.26	5.8	ng/ul	1305620	6	23.23	4487490	20.0
(DEL) Alkane: Str...	22.62	6.5	ng/ul	1465750	6	23.23	4487490	20.0
(DEL) Alkane: Str...	23.16	7.1	ng/ul	1584780	6	23.23	4487490	20.0
(DEL) Alkane: Str...	23.76	6.1	ng/ul	1362970	6	23.23	4487490	20.0
(DEL) Alkane: Str...	24.46	4.3	ng/ul	976978	6	23.23	4487490	20.0