

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN020320\
 Data File : BN009590.D
 Acq On : 05 Feb 2020 07:15
 Operator : CG/JU
 Sample : L1323-12
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAT50

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_N\METHODS\SOM-EPA-BN020320MA.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	3.075	12	15	22	rBV	36585	49901	1.54%	0.109%
2	3.375	64	66	67	rBV2	13916	13761	0.43%	0.030%
3	3.764	129	132	136	rVB4	9925	12816	0.40%	0.028%
4	4.687	288	289	293	rVB4	3613	4300	0.13%	0.009%
5	6.152	533	538	539	rBV4	5298	6034	0.19%	0.013%
6	6.499	595	597	601	rBV4	3642	5168	0.16%	0.011%
7	6.634	614	620	635	rBV2	708880	1316824	40.73%	2.865%
8	6.793	639	647	659	rVV	512943	791793	24.49%	1.723%
9	6.981	673	679	690	rVB	695894	1099202	34.00%	2.392%
10	7.275	725	729	733	rVB4	2729	4784	0.15%	0.010%
11	7.440	749	757	767	rBV	651303	1041804	32.23%	2.267%
12	7.528	767	772	780	rVB4	11832	21474	0.66%	0.047%
13	8.146	872	877	888	rBV	823566	1309051	40.49%	2.848%
14	8.222	888	890	897	rVB4	4522	5727	0.18%	0.012%
15	8.581	944	951	963	rBV	682155	1119069	34.62%	2.435%
16	8.722	971	975	978	rVV5	3579	5442	0.17%	0.012%
17	8.763	981	982	987	rVB3	3413	4431	0.14%	0.010%
18	9.028	1018	1027	1033	rBV	11318	20951	0.65%	0.046%
19	9.293	1063	1072	1084	rVV	563592	941827	29.13%	2.049%
20	9.822	1156	1162	1177	rVV	791718	1350104	41.76%	2.937%
21	10.051	1195	1201	1205	rBV4	9465	20568	0.64%	0.045%
22	10.187	1217	1224	1231	rBV	930662	1490470	46.11%	3.243%
23	10.234	1231	1232	1236	rVB4	7809	7955	0.25%	0.017%
24	10.334	1242	1249	1267	rBV	752997	1352537	41.84%	2.943%
25	11.057	1367	1372	1374	rVB4	3702	5806	0.18%	0.013%
26	11.428	1432	1435	1437	rBV3	3294	4570	0.14%	0.010%
27	11.751	1485	1490	1492	rBV5	3199	5231	0.16%	0.011%
28	11.793	1492	1497	1503	rVB4	13846	21193	0.66%	0.046%
29	11.869	1503	1510	1515	rBV5	6692	12000	0.37%	0.026%
30	12.093	1544	1548	1553	rBV3	4507	7975	0.25%	0.017%
31	12.687	1647	1649	1654	rVB4	5081	5415	0.17%	0.012%
32	12.916	1685	1688	1693	rVB4	4959	6567	0.20%	0.014%
33	12.993	1697	1701	1704	rVB4	4959	7971	0.25%	0.017%
34	13.310	1750	1755	1760	rVV5	8358	13723	0.42%	0.030%

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35	13.387	1763	1768	1771	rVV5	5114	8918	0.28%	0.019%
36	13.498	1781	1787	1792	rVV	1381154	1876393	58.04%	4.083%
37	13.545	1792	1795	1807	rVV	279147	378830	11.72%	0.824%
38	13.634	1807	1810	1814	rVB5	5187	5713	0.18%	0.012%
39	13.763	1825	1832	1845	rVB	1516436	2228531	68.94%	4.849%
40	14.010	1870	1874	1878	rVV4	8979	13086	0.40%	0.028%
41	14.075	1878	1885	1892	rVV	1349111	1933676	59.82%	4.207%
42	14.304	1918	1924	1941	rBV	544036	962540	29.77%	2.094%
43	14.534	1958	1963	1967	rVB7	14036	22690	0.70%	0.049%
44	14.628	1975	1979	1983	rBV5	5234	7242	0.22%	0.016%
45	14.704	1989	1992	1994	rBV3	5559	6510	0.20%	0.014%
46	14.910	2023	2027	2032	rBV4	6359	9311	0.29%	0.020%
47	14.969	2032	2037	2041	rVV2	14097	18038	0.56%	0.039%
48	15.075	2049	2055	2062	rBV	1902913	2707028	83.74%	5.890%
49	15.139	2064	2066	2071	rVB6	5672	6656	0.21%	0.014%
50	15.222	2074	2080	2093	rBV	612196	868194	26.86%	1.889%
51	15.322	2093	2097	2101	rVB2	21873	25471	0.79%	0.055%
52	15.528	2129	2132	2138	rBV6	3907	6848	0.21%	0.015%
53	15.834	2180	2184	2187	rBV5	10498	15361	0.48%	0.033%
54	15.863	2187	2189	2192	rVV4	6764	8759	0.27%	0.019%
55	16.004	2208	2213	2216	rVV7	3254	5149	0.16%	0.011%
56	16.245	2251	2254	2255	rBV2	4483	5223	0.16%	0.011%
57	16.269	2255	2258	2263	rVB3	38310	51539	1.59%	0.112%
58	16.410	2278	2282	2284	rBV3	4112	4615	0.14%	0.010%
59	16.628	2313	2319	2323	rBV3	16973	25593	0.79%	0.056%
60	16.686	2327	2329	2333	rVB4	7415	8855	0.27%	0.019%
61	16.769	2339	2343	2347	rBV5	2757	5124	0.16%	0.011%
62	16.828	2347	2353	2358	rVV	1700346	2230459	69.00%	4.853%
63	16.869	2358	2360	2364	rVV3	33628	40373	1.25%	0.088%
64	16.928	2364	2370	2383	rVV	2047585	2879490	89.07%	6.265%
65	17.039	2385	2389	2394	rVV2	33932	46677	1.44%	0.102%
66	17.233	2418	2422	2423	rBV3	5750	8104	0.25%	0.018%
67	17.281	2429	2430	2434	rVB4	4225	4388	0.14%	0.010%
68	17.363	2441	2444	2448	rVV3	7214	10590	0.33%	0.023%
69	17.628	2484	2489	2496	rBV	67381	96210	2.98%	0.209%
70	17.710	2496	2503	2506	rBV5	8902	17615	0.54%	0.038%
71	17.763	2506	2512	2521	rBV	762269	1035455	32.03%	2.253%

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72	17.939	2540	2542	2547	rVB6	10772	14067	0.44%	0.031%
73	18.057	2556	2562	2566	rBV7	11134	19778	0.61%	0.043%
74	18.192	2582	2585	2587	rBV4	5024	7920	0.24%	0.017%
75	18.310	2602	2605	2610	rVV7	10073	14972	0.46%	0.033%
76	18.439	2622	2627	2632	rVV7	13906	22268	0.69%	0.048%
77	18.563	2647	2648	2651	rBV3	6390	6132	0.19%	0.013%
78	18.628	2656	2659	2665	rBV6	13303	24717	0.76%	0.054%
79	18.698	2668	2671	2676	rVB6	10658	14237	0.44%	0.031%
80	18.869	2695	2700	2703	rBV	27035	40524	1.25%	0.088%
81	18.904	2703	2706	2707	rVV2	29221	34371	1.06%	0.075%
82	18.927	2707	2710	2721	rVB3	56264	101624	3.14%	0.221%
83	19.051	2727	2731	2738	rBV2	196811	285665	8.84%	0.622%
84	19.233	2756	2762	2771	rBV	2457298	3232719	100.00%	7.034%
85	19.410	2790	2792	2793	rBV2	7036	5424	0.17%	0.012%
86	19.780	2853	2855	2860	rBV5	14339	24987	0.77%	0.054%
87	19.927	2878	2880	2881	rBV2	8665	7964	0.25%	0.017%
88	20.327	2945	2948	2951	rVB4	31858	33324	1.03%	0.073%
89	20.786	3022	3026	3031	rBV2	325484	448185	13.86%	0.975%
90	21.039	3064	3069	3075	rBV2	2007258	2399514	74.23%	5.221%
91	21.227	3098	3101	3105	rBV	156561	171467	5.30%	0.373%
92	21.651	3169	3173	3179	rBV	267001	324200	10.03%	0.705%
93	22.086	3243	3247	3252	rBV	390877	450925	13.95%	0.981%
94	22.198	3262	3266	3273	rVB	592264	758744	23.47%	1.651%
95	22.557	3323	3327	3332	rVB	444683	597966	18.50%	1.301%
96	23.021	3400	3406	3411	rBV	1821246	2983962	92.31%	6.492%
97	23.080	3412	3416	3422	rVV	472710	691209	21.38%	1.504%
98	23.151	3422	3428	3439	rVB	1349168	2362838	73.09%	5.141%
99	23.674	3512	3517	3524	rVB	367966	633032	19.58%	1.377%
100	24.345	3627	3631	3639	rVB2	273479	576643	17.84%	1.255%

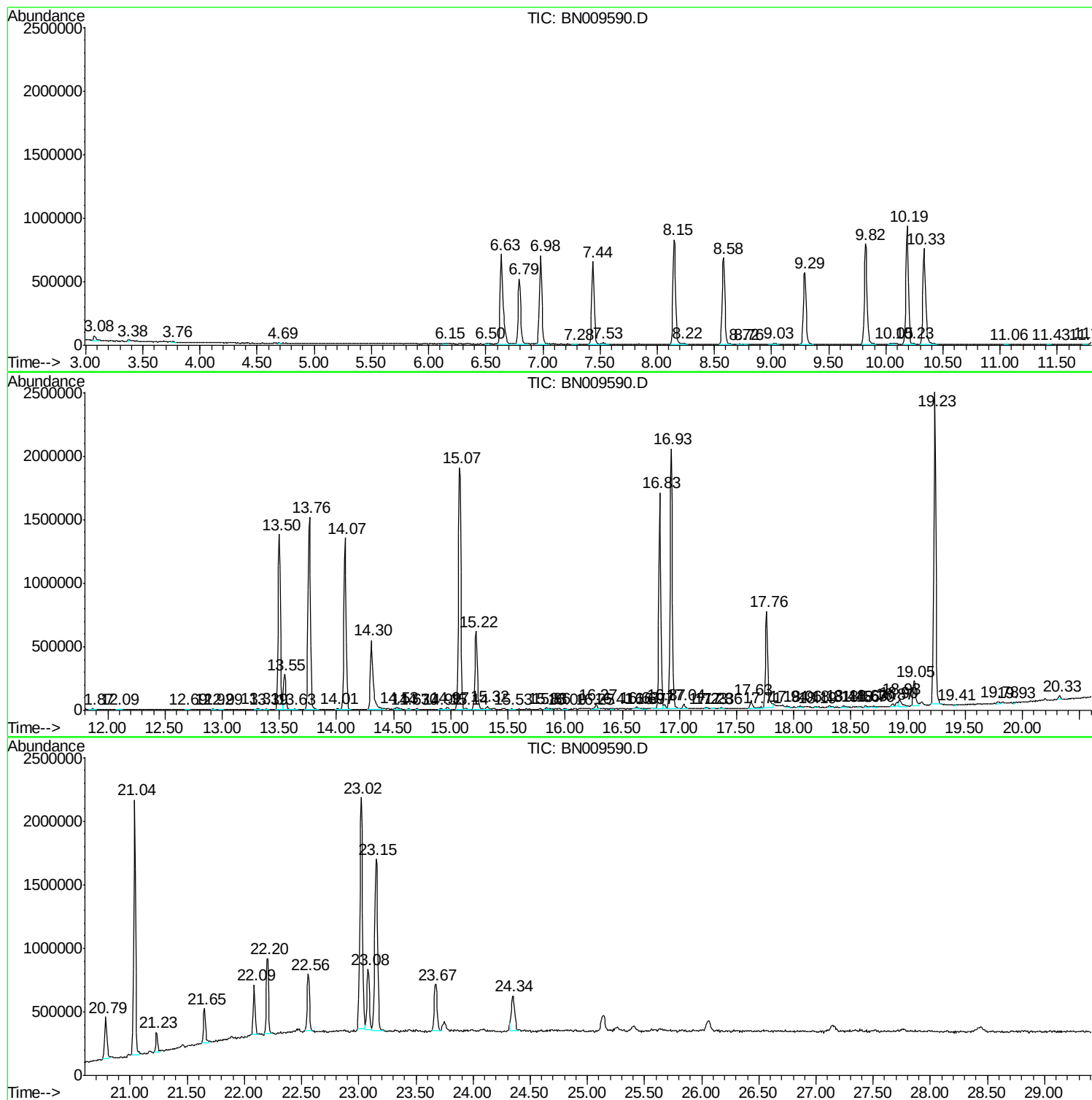
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION

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



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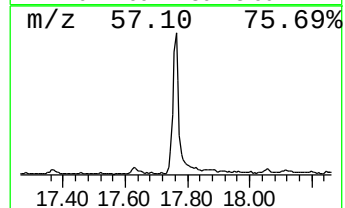
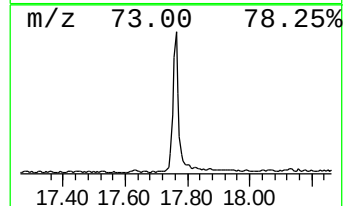
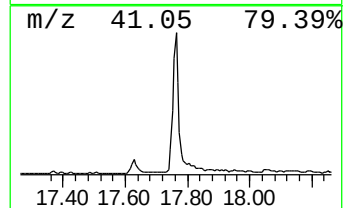
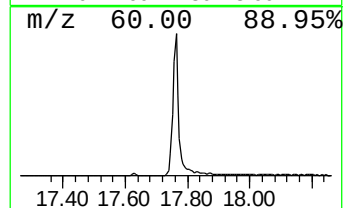
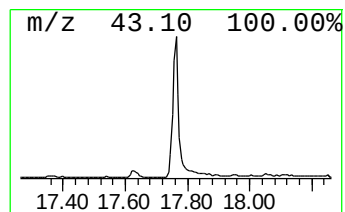
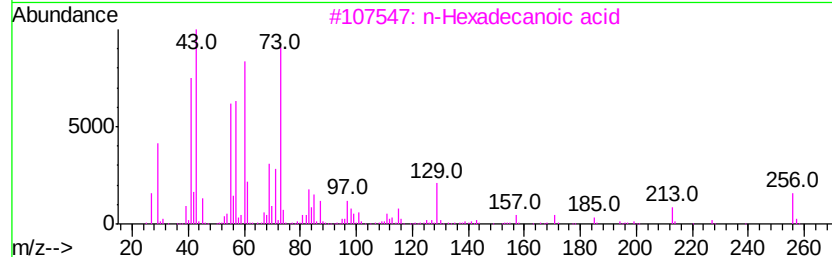
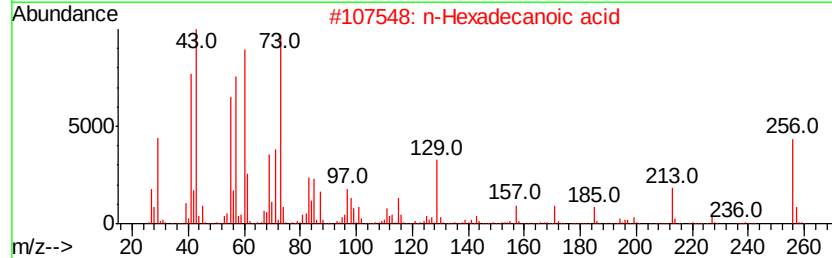
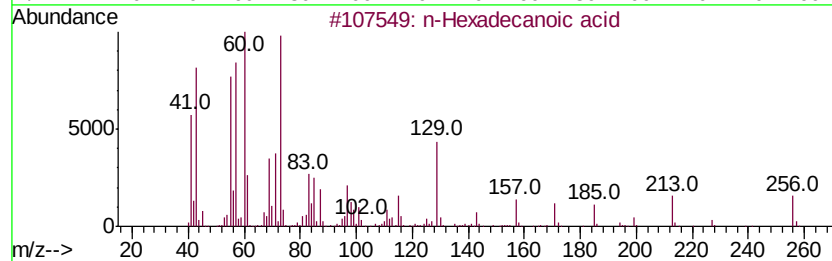
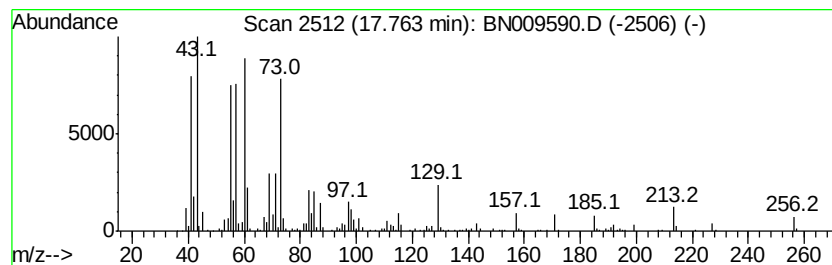
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.76	9.28 ng/ul	1035460	Phenanthrene-d10	16.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	87
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	83
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	78



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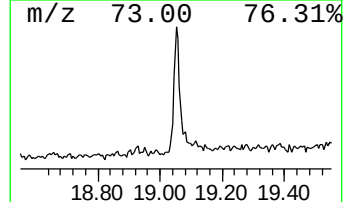
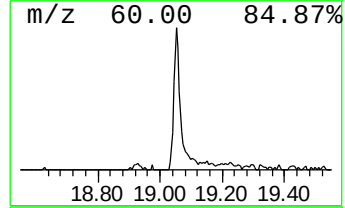
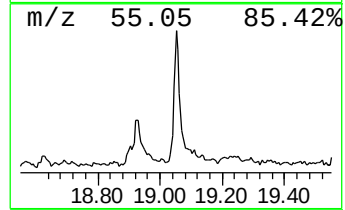
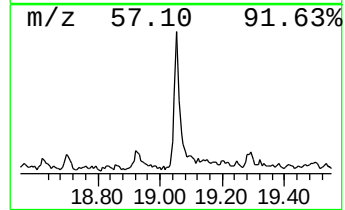
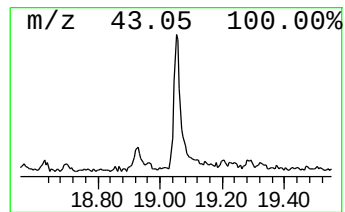
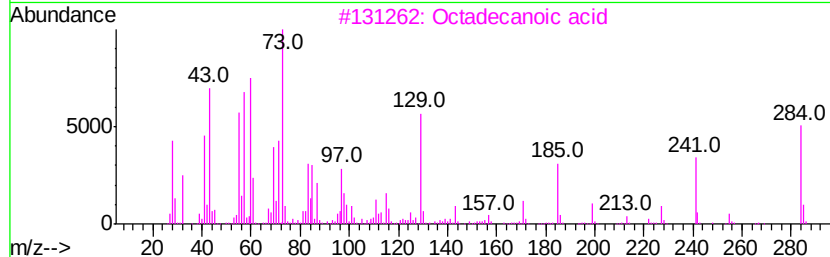
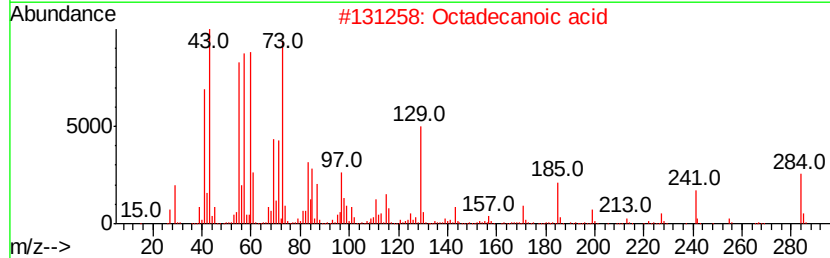
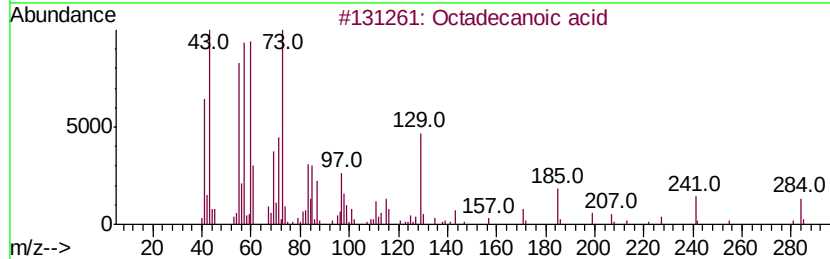
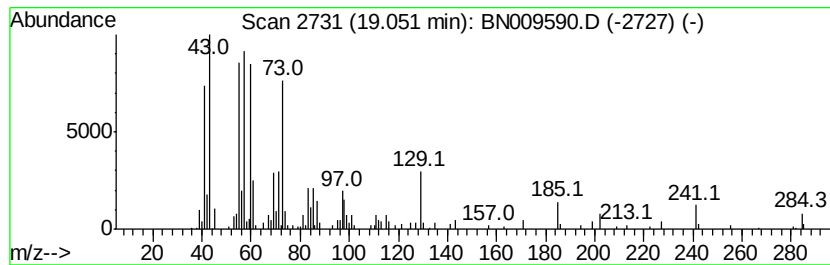
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 Octadecanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.05	2.38 ng/ul	285665	Chrysene-d12	21.04

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2		Octadecanoic acid	284	C18H36O2	000057-11-4	99
3		Octadecanoic acid	284	C18H36O2	000057-11-4	98
4		Octadecanoic acid	284	C18H36O2	000057-11-4	98
5		Octadecanoic acid	284	C18H36O2	000057-11-4	91



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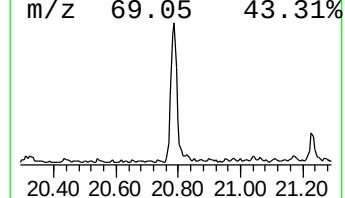
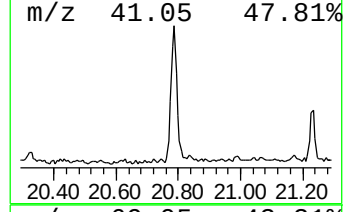
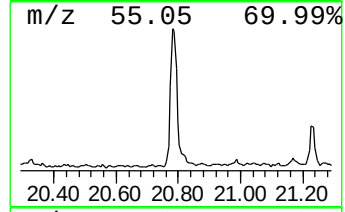
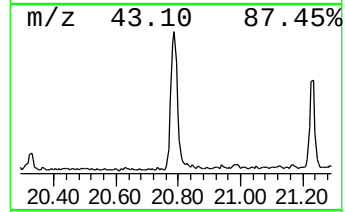
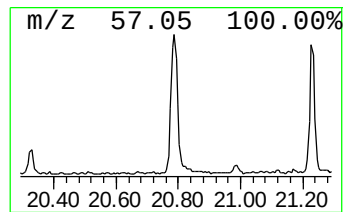
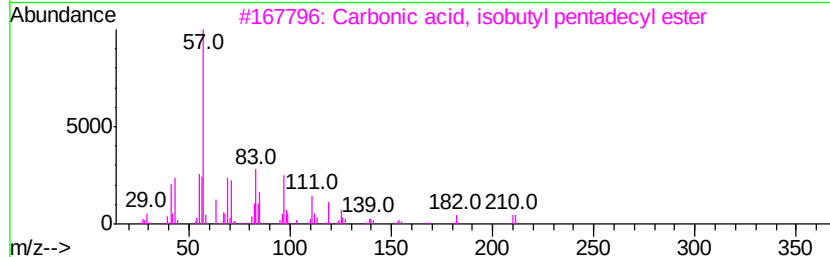
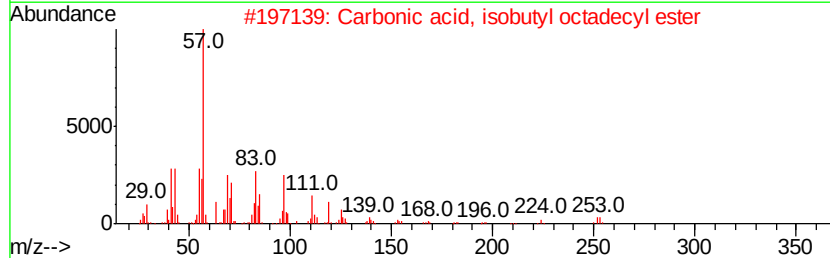
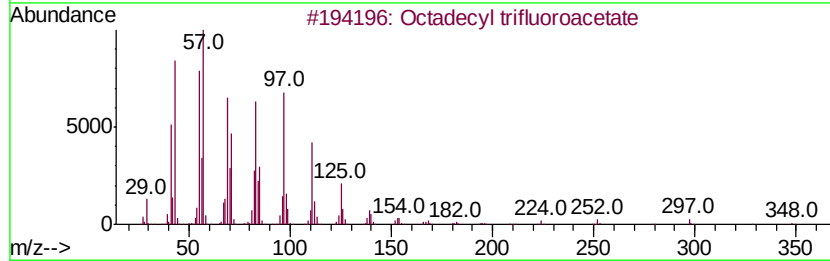
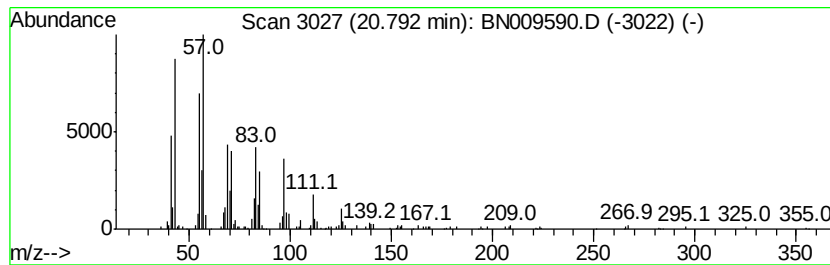
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Peak Number 3 Octadecyl trifluoroacetate Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD		R.T.	
20.79	3.74 ng/ul	448185	Chrysene-d12		21.04	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	91
2		Carbonic acid, isobutyl octadecy...	370	C23H46O3	1000314-61-5	91
3		Carbonic acid, isobutyl pentadec...	328	C20H40O3	1000314-61-2	91
4		Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	91
5		Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	87



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Acq On : 05 Feb 2020 07:15
Operator : CG/JU
Sample : L1323-12
Misc :
ALS Vial : 66 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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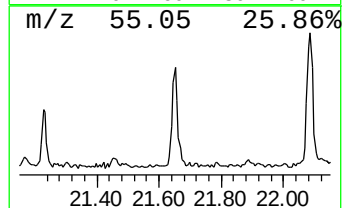
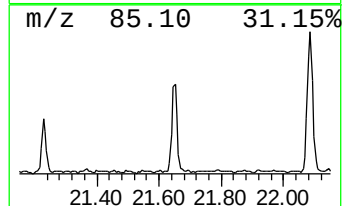
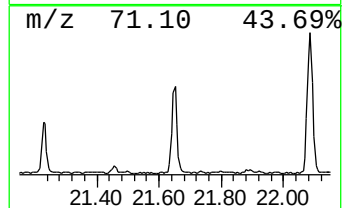
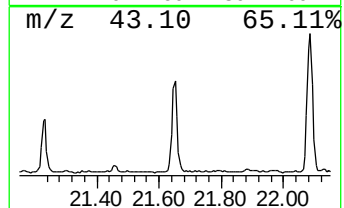
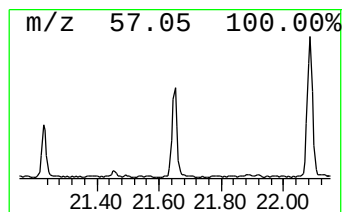
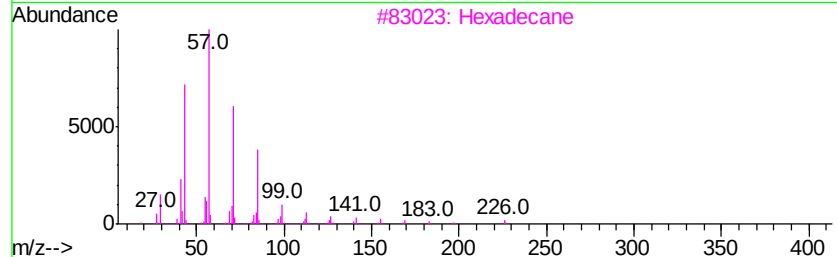
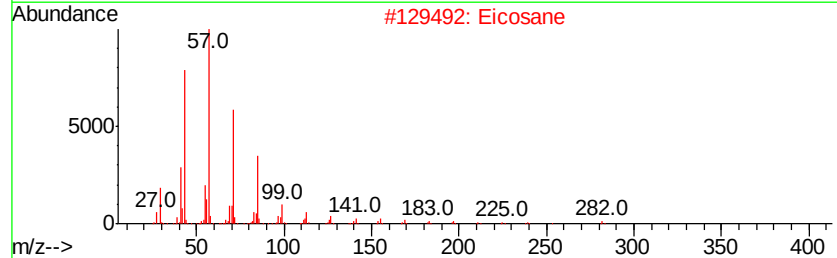
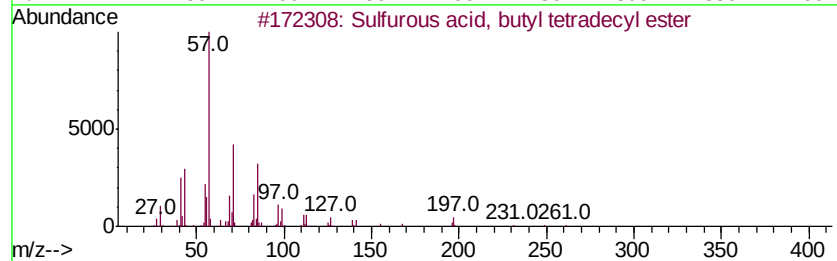
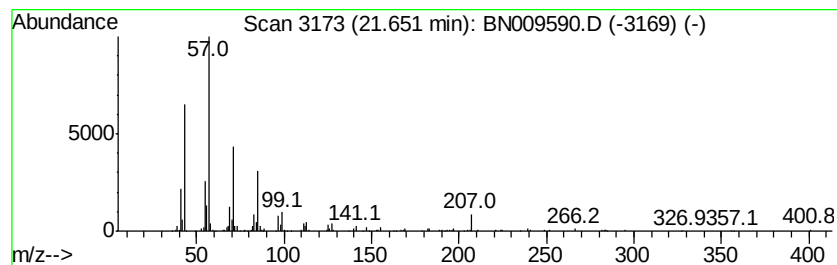
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 Sulfurous acid, butyl tetra... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.65	2.70 ng/ul	324200	Chrysene-d12	21.04

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Sulfurous acid, butyl tetradecyl...	334	C18H38O3S	1000309-18-1	87
2		Eicosane	282	C20H42	000112-95-8	87
3		Hexadecane	226	C16H34	000544-76-3	83
4		Tetratetracontane	619	C44H90	007098-22-8	81
5		1-Iodoundecane	282	C11H23I	004282-44-4	81



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020320\
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Sample : L1323-12
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ALS Vial : 66 Sample Multiplier: 1

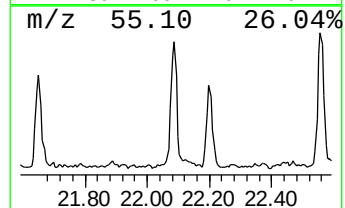
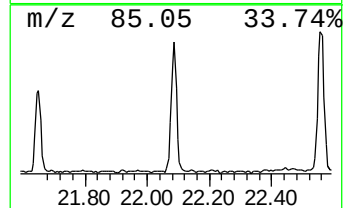
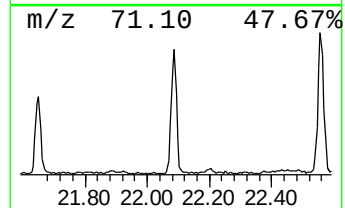
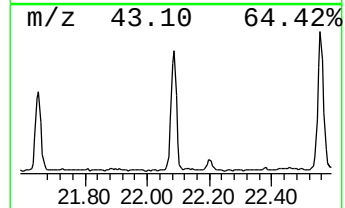
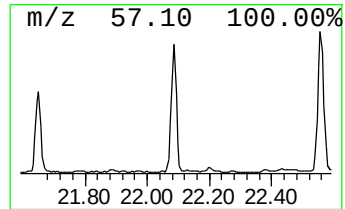
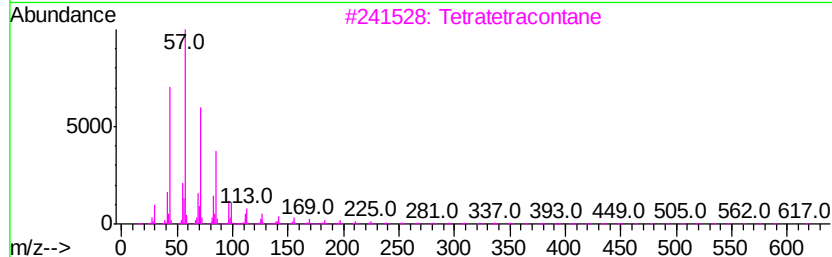
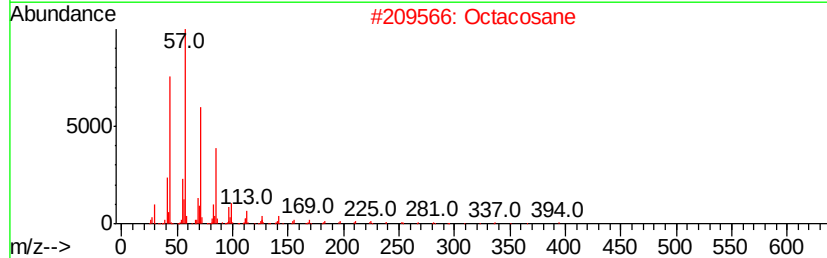
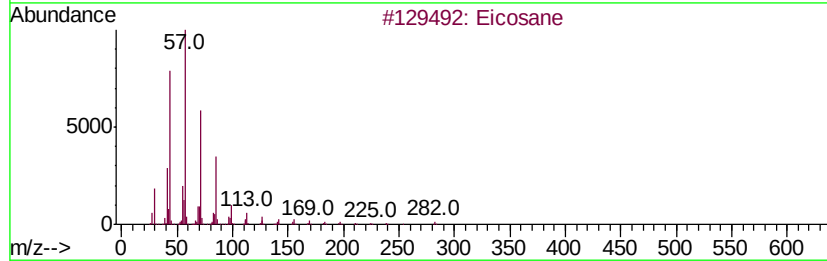
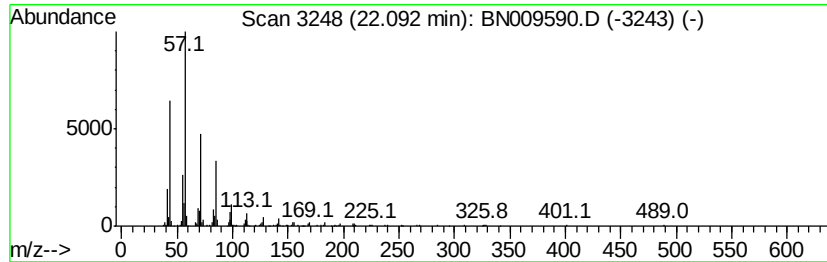
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
22.09	3.76 ng/ul	450925	Chrysene-d12	21.04	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	91
2	Octacosane	394	C28H58	000630-02-4	90
3	Tetratetracontane	619	C44H90	007098-22-8	90
4	Hentriacontane	437	C31H64	000630-04-6	90
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020320\
Data File : BN009590.D
Acq On : 05 Feb 2020 07:15
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Sample : L1323-12
Misc :
ALS Vial : 66 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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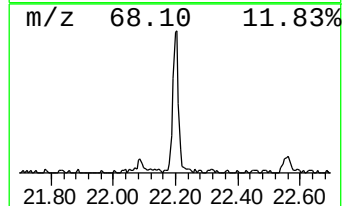
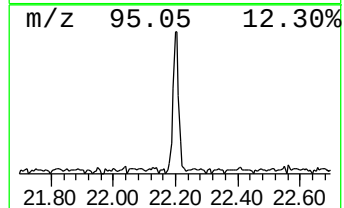
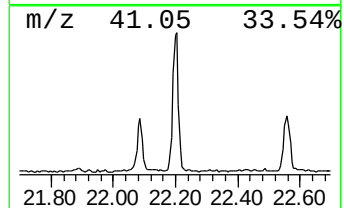
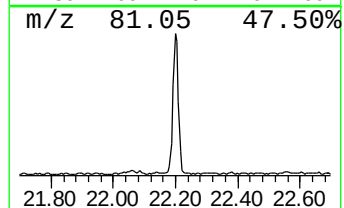
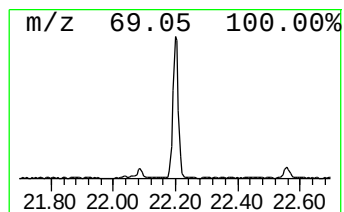
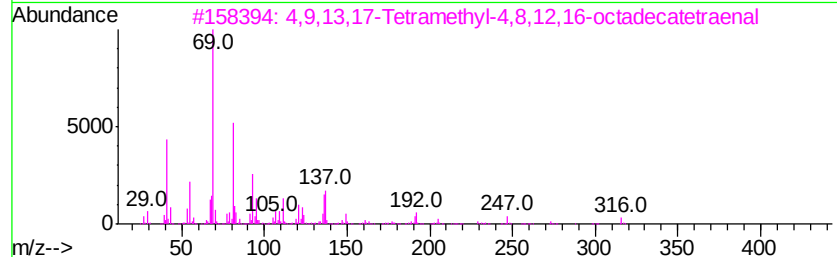
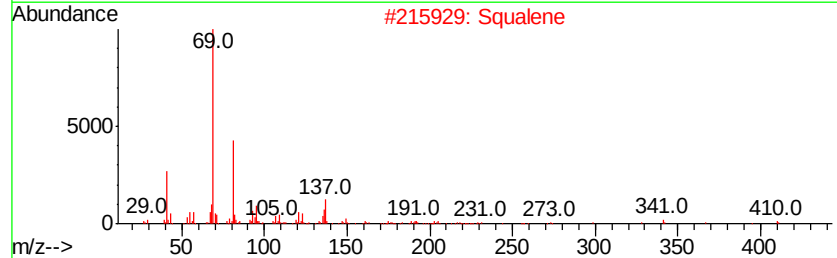
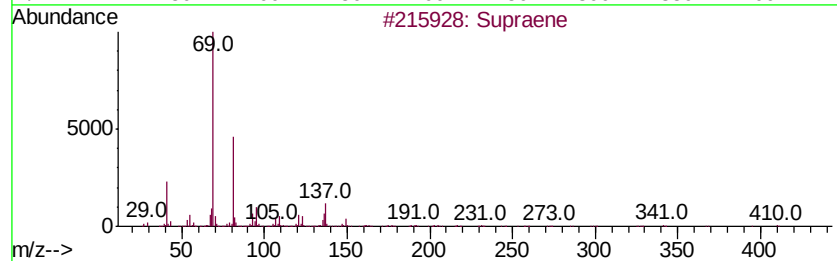
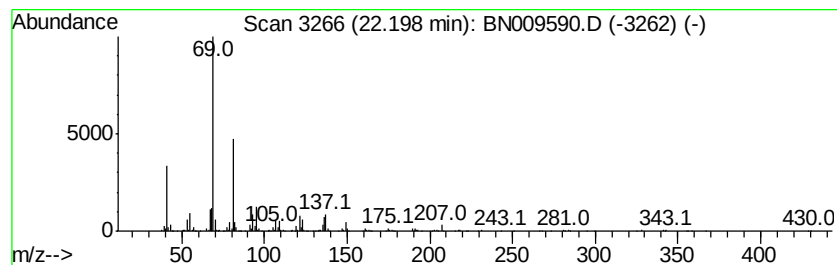
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 Supraene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.20	6.42 ng/ul	758744	Perylene-d12	23.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Supraene	410	C30H50	007683-64-9	91
2		Squalene	410	C30H50	000111-02-4	83
3		4,9,13,17-Tetramethyl-4,8,12,16-...	316	C22H36O	056882-09-8	83
4		7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	72
5		Bis(3-methylbut-3-enyl) phthalate	302	C18H22O4	022711-53-1	59



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN020320\
Data File : BN009590.D
Acq On : 05 Feb 2020 07:15
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Sample : L1323-12
Misc :
ALS Vial : 66 Sample Multiplier: 1

Instrument :
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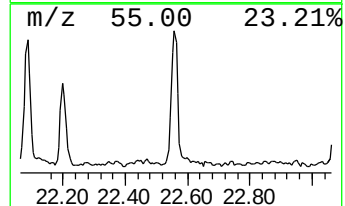
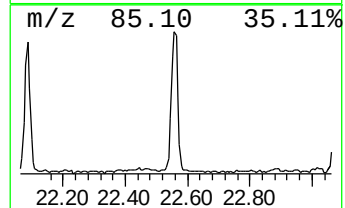
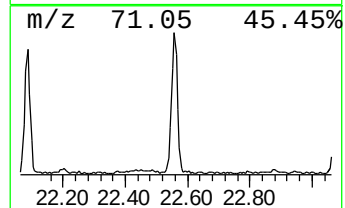
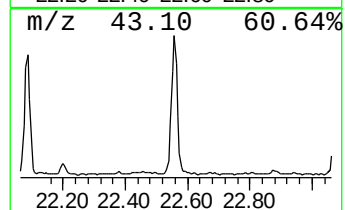
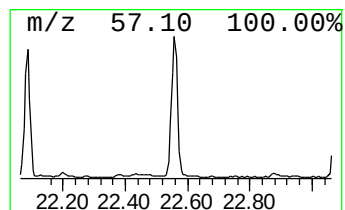
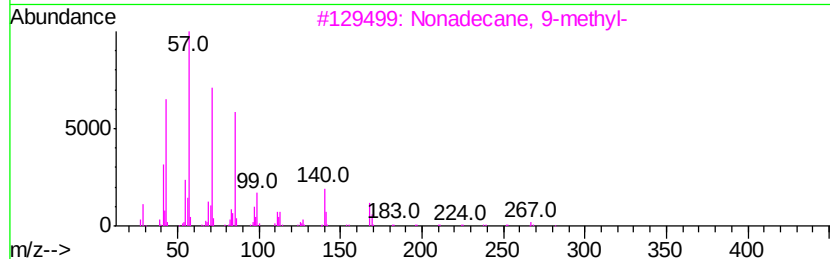
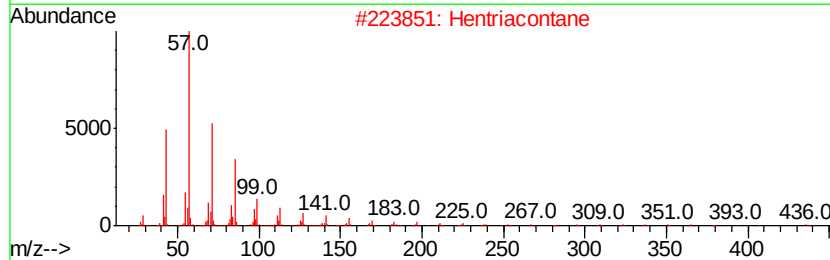
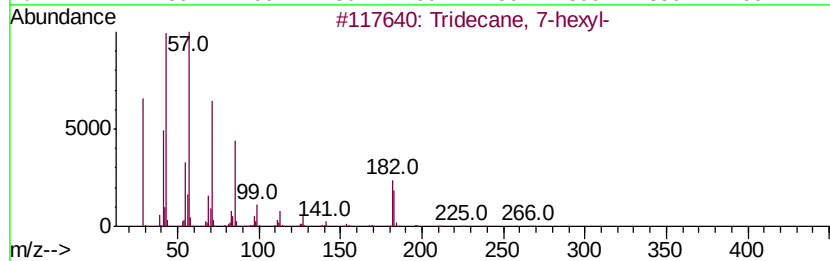
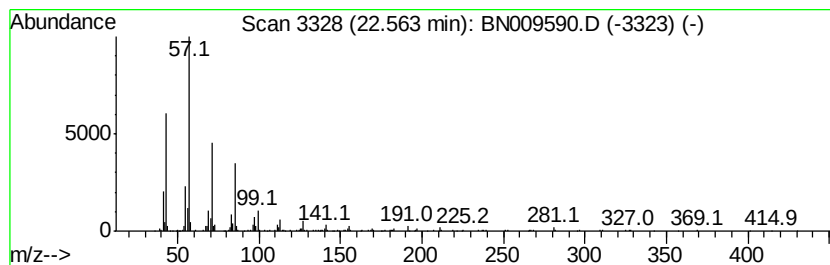
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.56	5.06 ng/ul	597966	Perylene-d12	23.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	94
2		Hentriacontane	437	C31H64	000630-04-6	91
3		Nonadecane, 9-methyl-	282	C20H42	013287-24-6	90
4		Eicosane	282	C20H42	000112-95-8	87
5		Tetratetracontane	619	C44H90	007098-22-8	87



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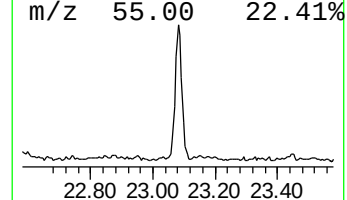
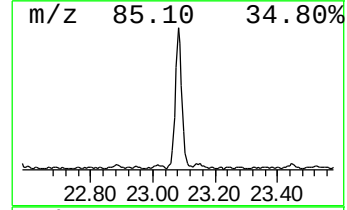
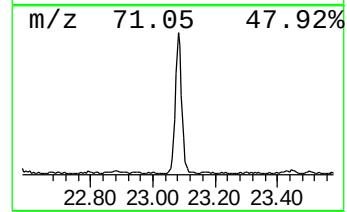
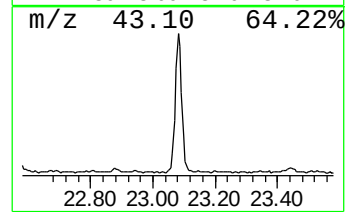
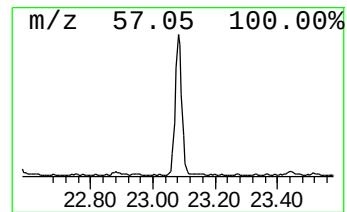
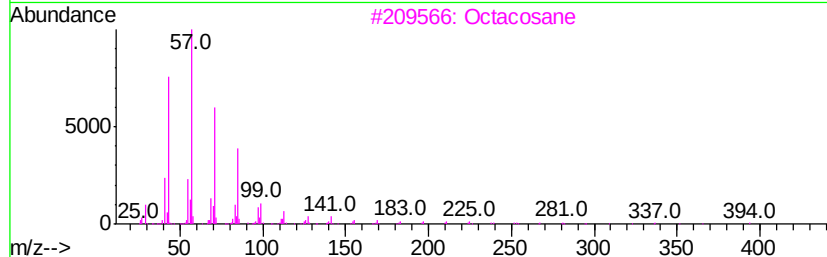
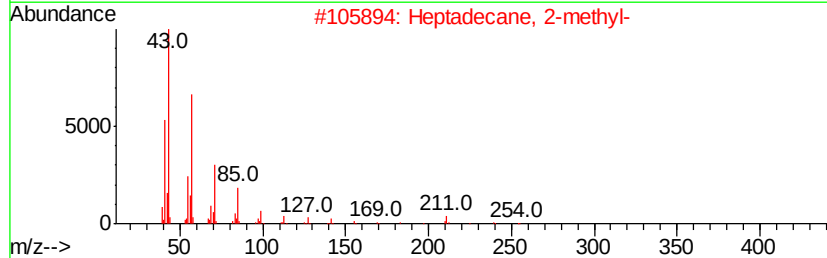
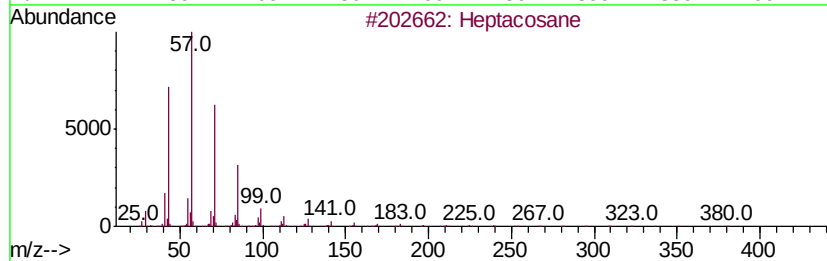
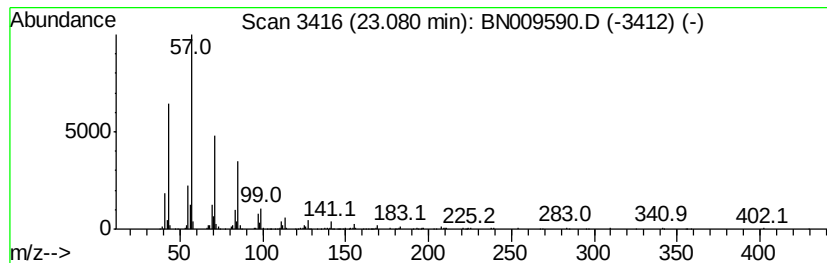
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.08	5.85 ng/ul	691209	Perylene-d12	23.15

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptacosane	380	C27H56	000593-49-7	90
2			Heptadecane, 2-methyl-	254	C18H38	001560-89-0	90
3			Octacosane	394	C28H58	000630-02-4	90
4			Hexatriacontane	507	C36H74	000630-06-8	87
5			Tetracosane	338	C24H50	000646-31-1	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020320\
Data File : BN009590.D
Acq On : 05 Feb 2020 07:15
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ALS Vial : 66 Sample Multiplier: 1

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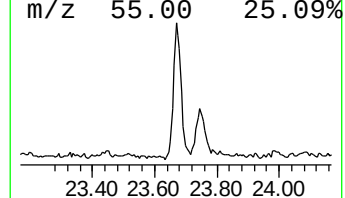
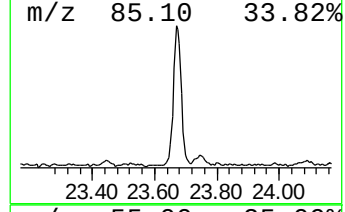
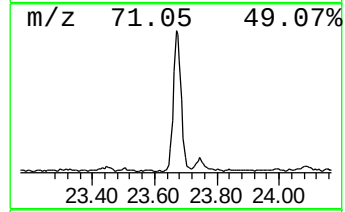
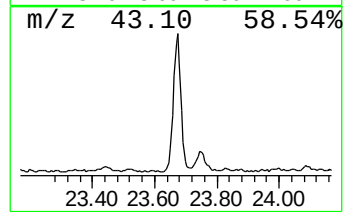
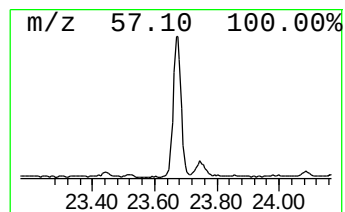
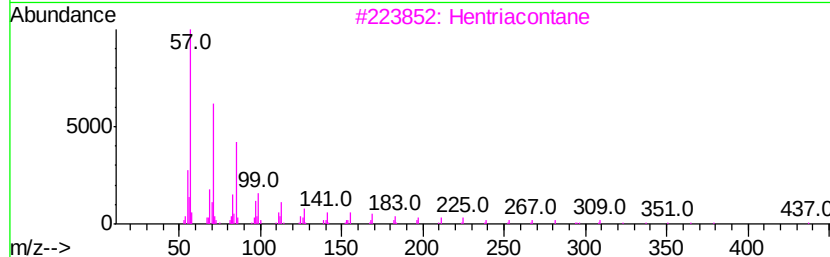
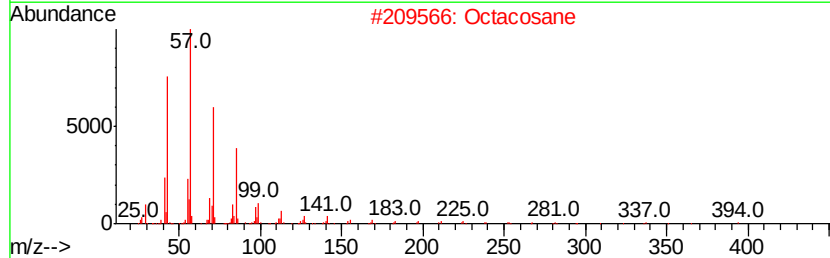
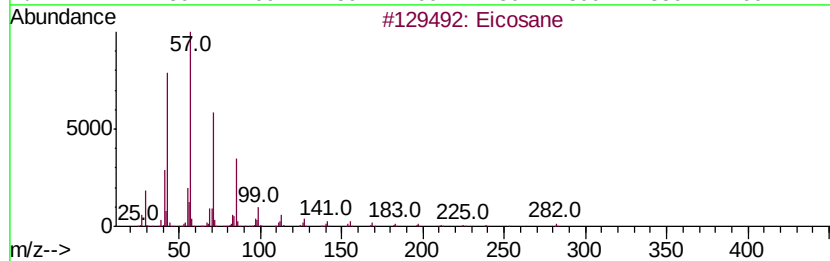
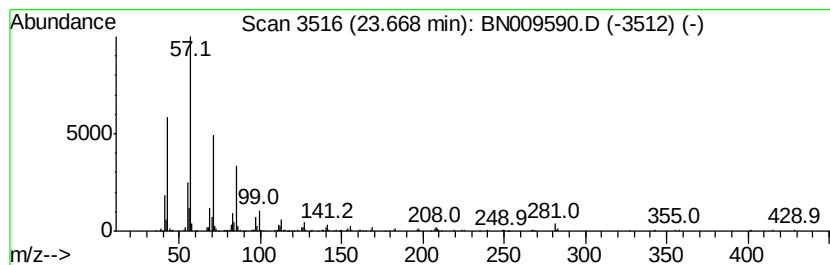
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.67	5.36 ng/ul	633032	Perylene-d12	23.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	98
2		Octacosane	394	C28H58	000630-02-4	87
3		Hentriacontane	437	C31H64	000630-04-6	83
4		Hexatriacontane	507	C36H74	000630-06-8	83
5		Octadecane	254	C18H38	000593-45-3	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020320\
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Acq On : 05 Feb 2020 07:15
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Misc :
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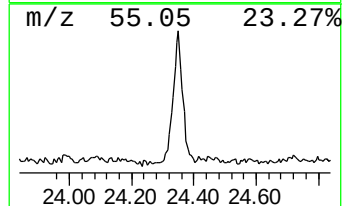
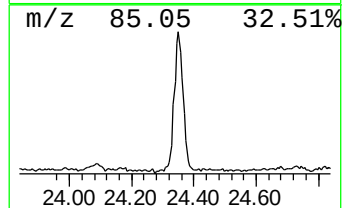
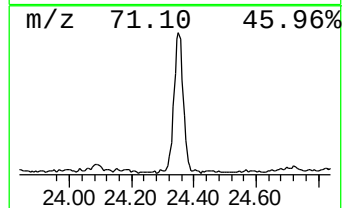
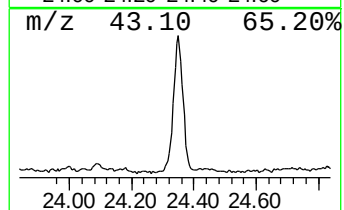
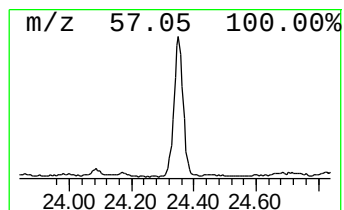
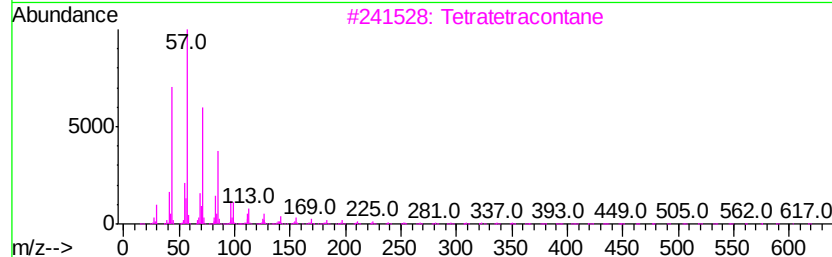
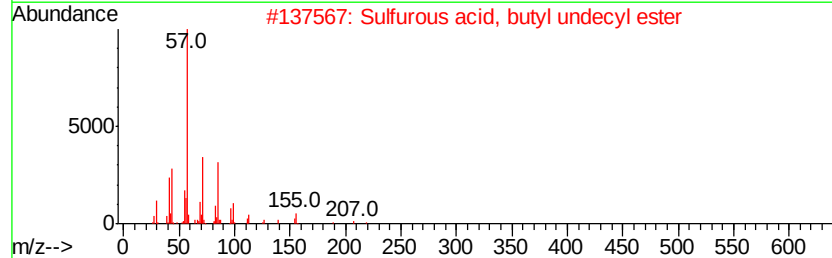
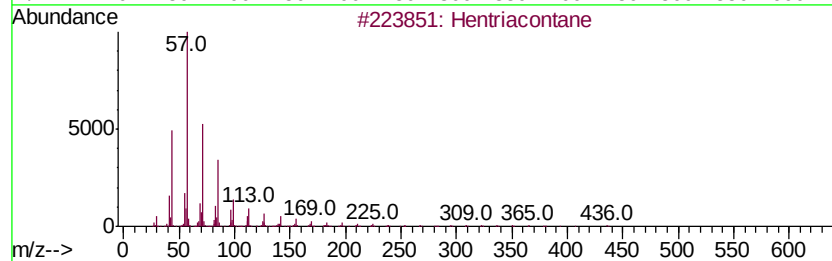
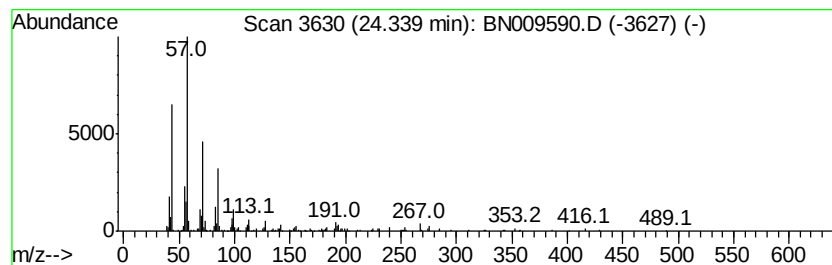
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.34	4.88 ng/ul	576643	Perylene-d12	23.15

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hentriacontane	437	C31H64	000630-04-6	87
2			Sulfurous acid, butyl undecyl ester	292	C15H32O3S	1000309-17-8	87
3			Tetratetracontane	619	C44H90	007098-22-8	87
4			Eicosane	282	C20H42	000112-95-8	81
5			Heneicosane, 11-decyl-	437	C31H64	055320-06-4	76



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN020320\
 Data File : BN009590.D
 Acq On : 05 Feb 2020 07:15
 Operator : CG/JU
 Sample : L1323-12
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAT50

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.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	17.76	9.3	ng/ul	1035460	4	16.83	2230460	20.0
Octadecanoic acid	19.05	2.4	ng/ul	285665	5	21.04	2399510	20.0
Octadecyl trifluo...	20.79	3.7	ng/ul	448185	5	21.04	2399510	20.0
Sulfurous acid, b...	21.65	2.7	ng/ul	324200	5	21.04	2399510	20.0
(DEL) Alkane: Str...	22.09	3.8	ng/ul	450925	5	21.04	2399510	20.0
Supraene	22.20	6.4	ng/ul	758744	6	23.15	2362840	20.0
(DEL) Alkane: Str...	22.56	5.1	ng/ul	597966	6	23.15	2362840	20.0
(DEL) Alkane: Str...	23.08	5.8	ng/ul	691209	6	23.15	2362840	20.0
(DEL) Alkane: Str...	23.67	5.4	ng/ul	633032	6	23.15	2362840	20.0
(DEL) Alkane: Str...	24.34	4.9	ng/ul	576643	6	23.15	2362840	20.0