

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081220\
 Data File : BM027042.D
 Acq On : 12 Aug 2020 11:12
 Operator : JU/CG
 Sample : L3612-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBFM9

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-BM080720MA.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	3.199	32	36	40	rVB	17068	19163	0.96%	0.102%
2	3.475	80	83	92	rVB7	1973	4483	0.22%	0.024%
3	3.698	119	121	127	rVB3	2236	2270	0.11%	0.012%
4	3.828	137	143	148	rVB3	3515	5259	0.26%	0.028%
5	3.916	153	158	163	rBV	74345	92300	4.61%	0.490%
6	4.128	190	194	199	rBV2	18069	21349	1.07%	0.113%
7	4.228	207	211	216	rVB3	1588	2467	0.12%	0.013%
8	4.528	258	262	267	rBV	13652	17728	0.89%	0.094%
9	4.816	306	311	317	rVB4	1491	2882	0.14%	0.015%
10	6.816	644	651	663	rVB	320210	480409	23.99%	2.548%
11	6.981	673	679	690	rVB	232286	350344	17.50%	1.858%
12	7.181	706	713	723	rVB	342117	515988	25.77%	2.737%
13	7.263	723	727	739	rBV2	7670	14936	0.75%	0.079%
14	7.639	785	791	799	rBV	263665	402806	20.12%	2.137%
15	8.345	902	911	918	rBV	366731	574853	28.71%	3.049%
16	8.392	918	919	924	rVB2	2675	3242	0.16%	0.017%
17	8.780	977	985	994	rBV	304129	471657	23.56%	2.502%
18	9.498	1100	1107	1117	rVB	230442	369027	18.43%	1.957%
19	10.039	1192	1199	1210	rBV	405720	651755	32.55%	3.457%
20	10.416	1255	1263	1270	rBV	298284	491170	24.53%	2.605%
21	10.545	1278	1285	1297	rBV	346900	576742	28.81%	3.059%
22	12.010	1529	1534	1539	rBV2	4218	7250	0.36%	0.038%
23	13.198	1730	1736	1740	rBV2	1914	2494	0.12%	0.013%
24	13.692	1813	1820	1824	rBV	686062	924669	46.18%	4.905%
25	13.733	1824	1827	1837	rVB	159376	213047	10.64%	1.130%
26	13.963	1860	1866	1874	rVB	740830	1060946	52.99%	5.627%
27	14.274	1912	1919	1926	rBV	462782	670119	33.47%	3.554%
28	14.339	1926	1930	1937	rVB3	2370	3206	0.16%	0.017%
29	14.468	1944	1952	1965	rBV	285698	399566	19.96%	2.119%
30	14.551	1965	1966	1971	rVB5	2133	2379	0.12%	0.013%
31	15.268	2081	2088	2095	rBV	961369	1330192	66.44%	7.056%
32	15.327	2096	2098	2102	rVB4	2555	2499	0.12%	0.013%
33	15.386	2102	2108	2118	rBV	239996	316215	15.79%	1.677%
34	15.509	2124	2129	2134	rVB2	10606	12417	0.62%	0.066%

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35	16.051	2218	2221	2225	rVV4	3470	3731	0.19%	0.020%
36	16.809	2347	2350	2356	rVB5	2337	4664	0.23%	0.025%
37	17.015	2379	2385	2391	rBV	559334	788807	39.40%	4.184%
38	17.056	2391	2392	2396	rVB	7766	6498	0.32%	0.034%
39	17.115	2396	2402	2413	rBV	1091303	1452399	72.54%	7.704%
40	17.427	2449	2455	2459	rBV6	2039	3797	0.19%	0.020%
41	17.556	2473	2477	2480	rBV3	2272	2471	0.12%	0.013%
42	17.939	2536	2542	2548	rBV2	69272	102299	5.11%	0.543%
43	18.592	2650	2653	2655	rBV4	2849	3612	0.18%	0.019%
44	18.815	2687	2691	2694	rBV6	4136	4845	0.24%	0.026%
45	18.880	2700	2702	2705	rVV2	4980	3972	0.20%	0.021%
46	18.927	2707	2710	2713	rBV4	2677	3965	0.20%	0.021%
47	18.956	2713	2715	2720	rBV5	2024	2900	0.14%	0.015%
48	19.050	2724	2731	2733	rBV	11605	17166	0.86%	0.091%
49	19.080	2733	2736	2744	rVB	22244	31140	1.56%	0.165%
50	19.162	2748	2750	2751	rBV	2529	2012	0.10%	0.011%
51	19.221	2756	2760	2765	rBV3	25041	31839	1.59%	0.169%
52	19.297	2770	2773	2778	rVV	10599	14486	0.72%	0.077%
53	19.415	2786	2793	2805	rBV	1339637	1813465	90.58%	9.619%
54	19.997	2890	2892	2897	rBV4	7841	10412	0.52%	0.055%
55	20.950	3050	3054	3061	rBV	168136	228119	11.39%	1.210%
56	21.209	3093	3098	3103	rBV	861969	1033956	51.64%	5.484%
57	21.838	3201	3205	3210	rBV3	95569	132920	6.64%	0.705%
58	23.268	3442	3448	3456	rBV	1153594	2002124	100.00%	10.620%
59	23.409	3466	3472	3483	rVB2	605513	1135483	56.71%	6.023%

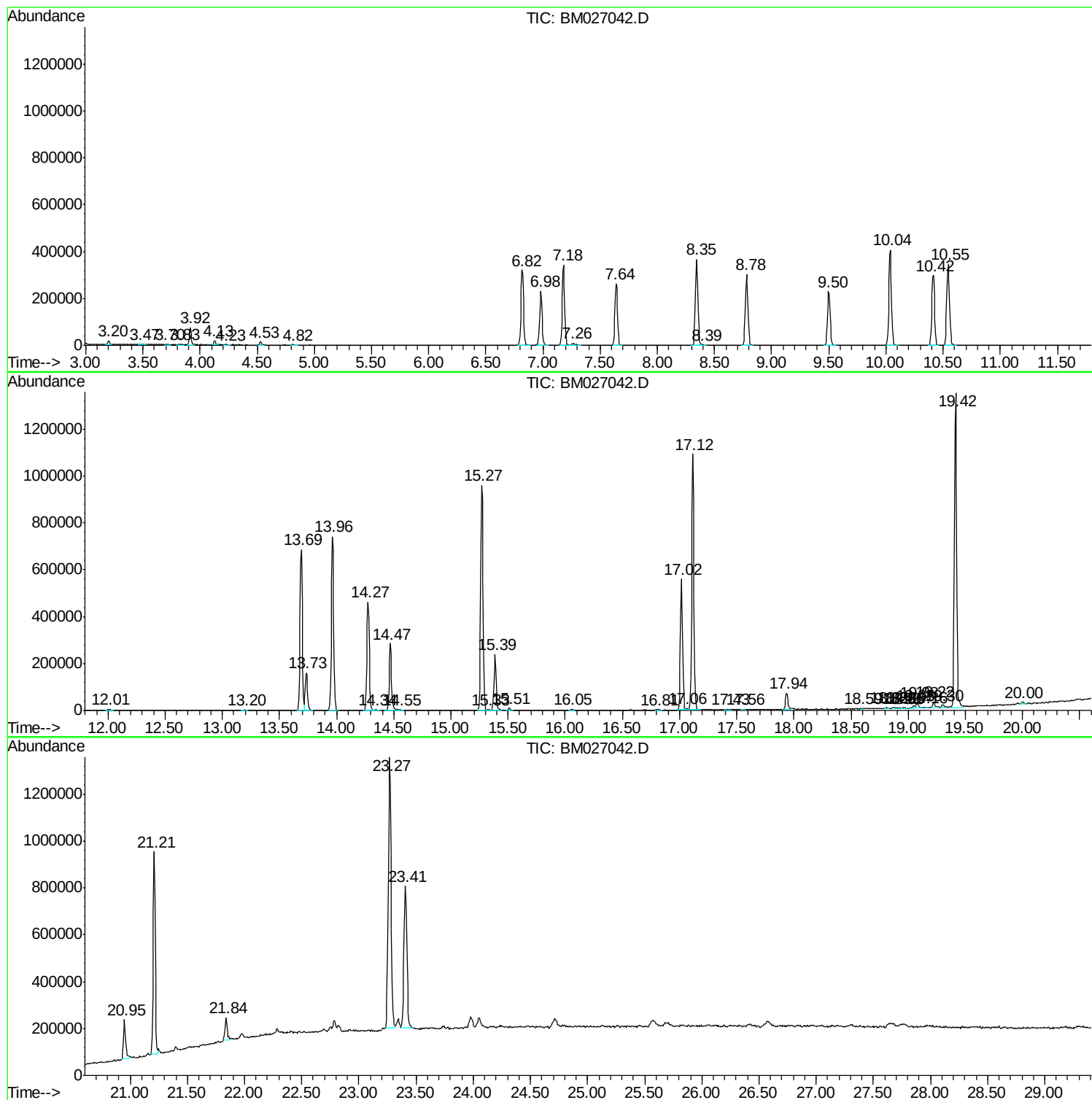
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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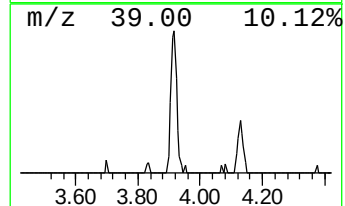
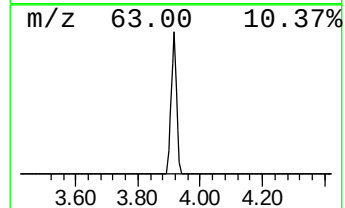
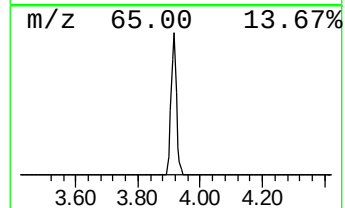
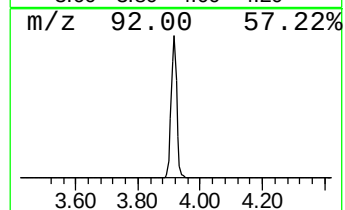
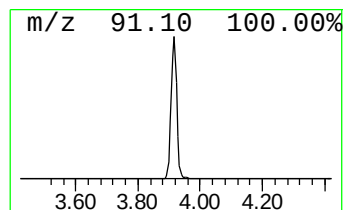
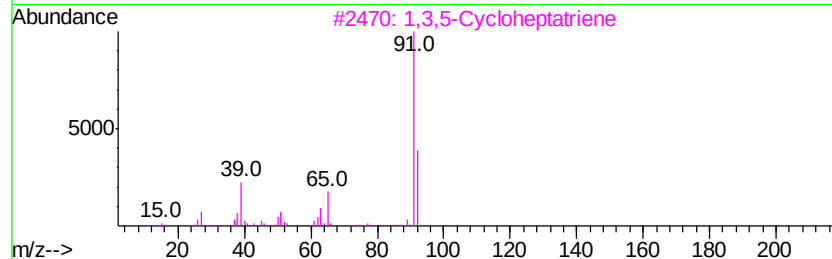
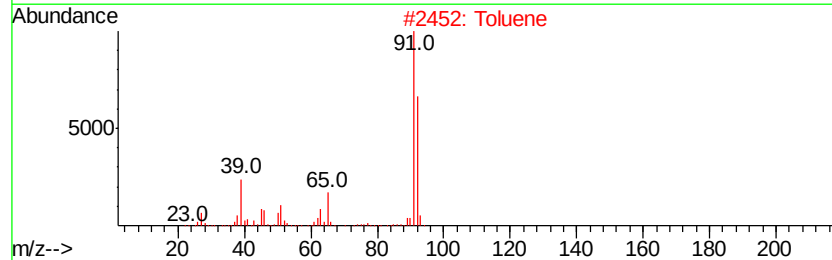
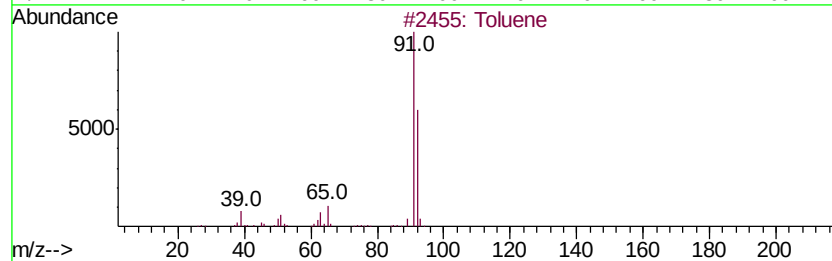
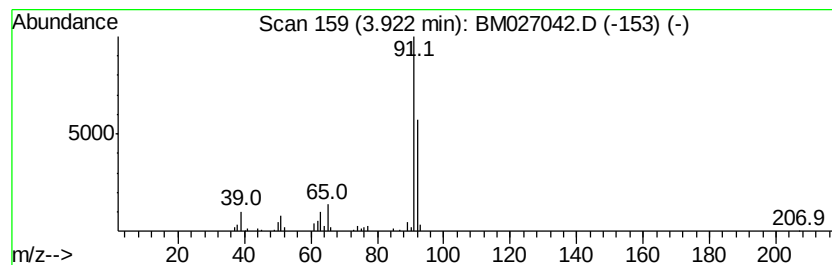
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM080720MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Toluene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.92	4.58 ng/ul	92300	1,4-Dichlorobenzene-d4	7.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Toluene	92	C7H8	000108-88-3	90
2		Toluene	92	C7H8	000108-88-3	87
3		1,3,5-Cycloheptatriene	92	C7H8	000544-25-2	87
4		1,3,5-Cycloheptatriene	92	C7H8	000544-25-2	87
5		Toluene	92	C7H8	000108-88-3	87



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ALS Vial : 5 Sample Multiplier: 1

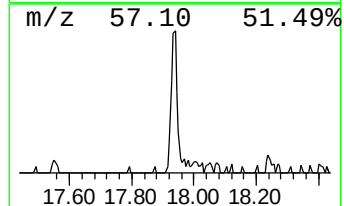
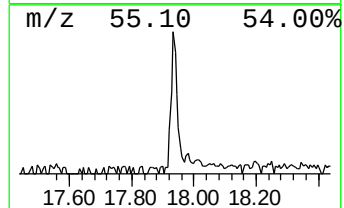
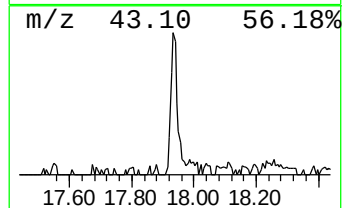
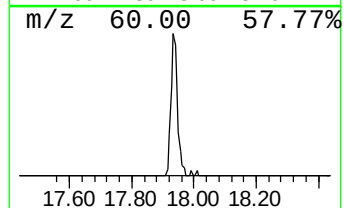
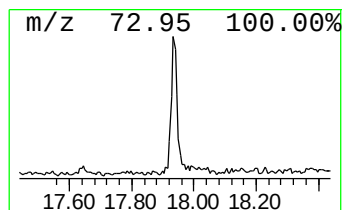
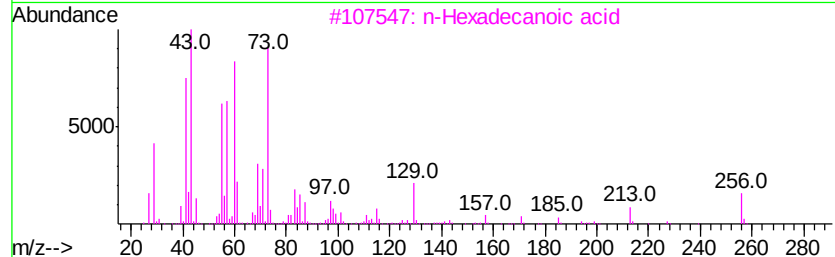
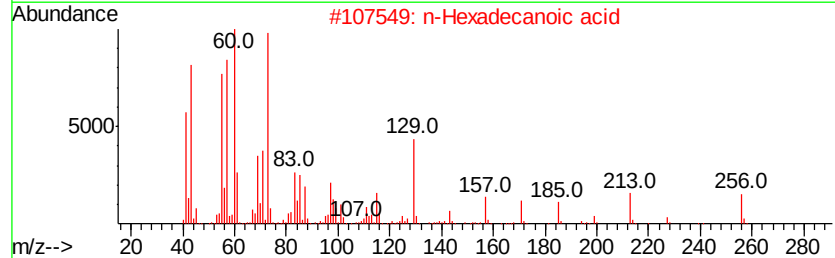
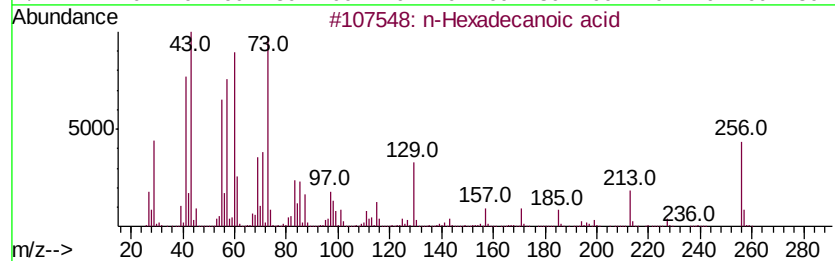
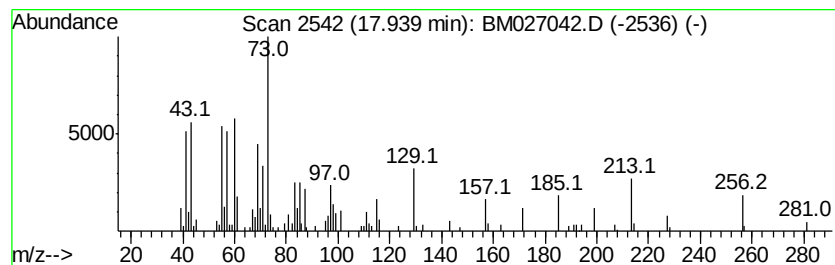
Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM080720MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.94	2.59 ng/ul	102299	Phenanthrene-d10	17.02
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	n-Hexadecanoic acid	256 C16H32O2	000057-10-3	96
2	n-Hexadecanoic acid	256 C16H32O2	000057-10-3	92
3	n-Hexadecanoic acid	256 C16H32O2	000057-10-3	89
4	Pentadecanoic acid	242 C15H30O2	001002-84-2	62
5	Tridecanoic acid	214 C13H26O2	000638-53-9	50



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Misc :
ALS Vial : 5 Sample Multiplier: 1

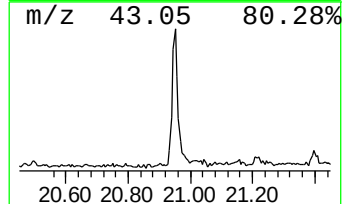
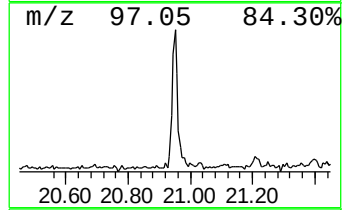
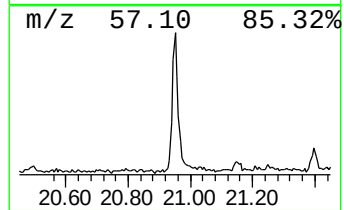
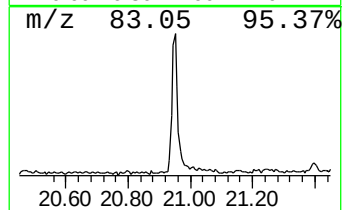
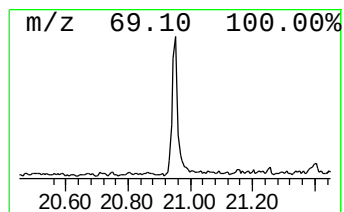
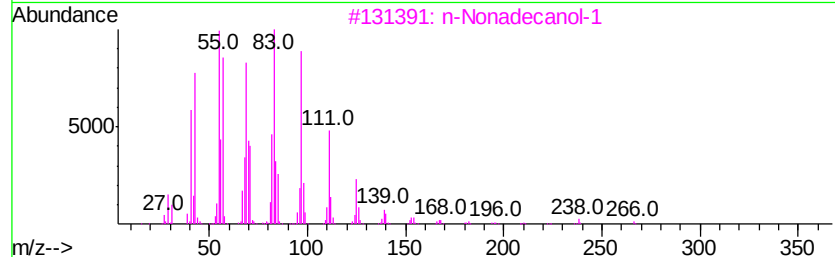
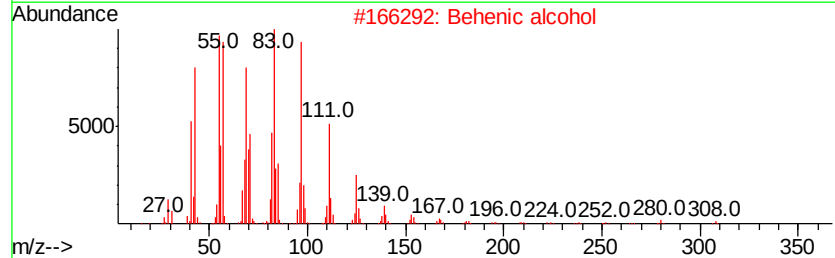
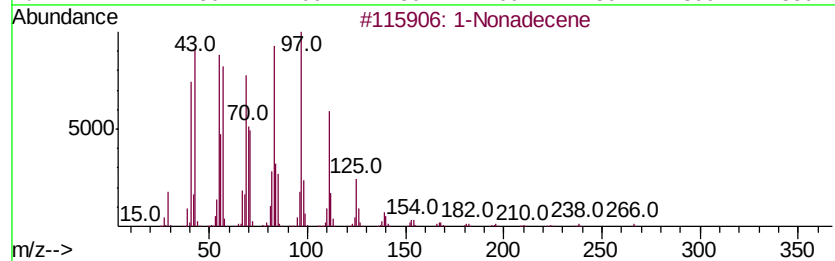
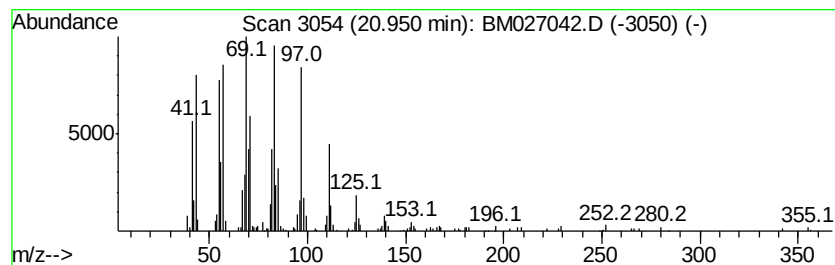
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
20.95	4.41 ng/ul	228119	Chrysene-d12	21.21	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	99
2	Behenic alcohol	326	C22H46O	000661-19-8	93
3	n-Nonadecanol-1	284	C19H40O	001454-84-8	93
4	n-Tetracosanol-1	354	C24H50O	000506-51-4	93
5	1-Octadecene	252	C18H36	000112-88-9	86



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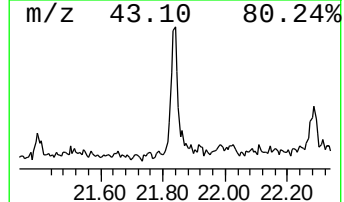
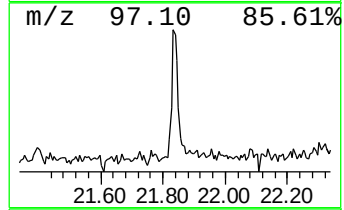
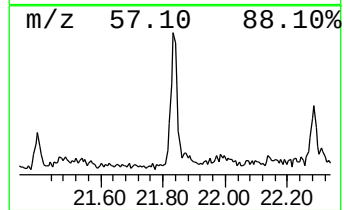
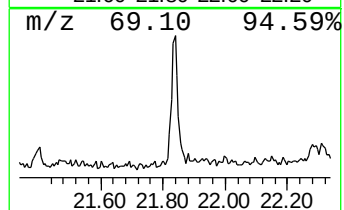
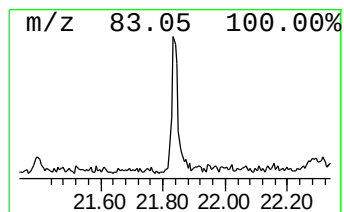
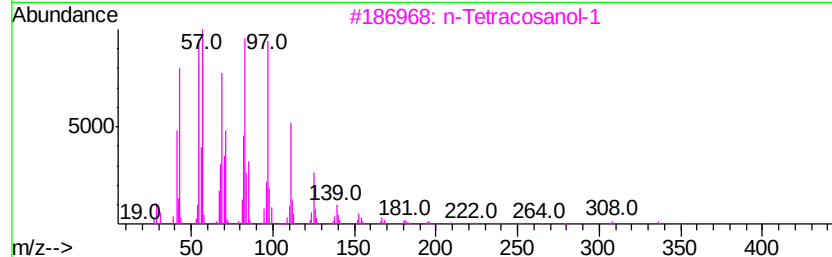
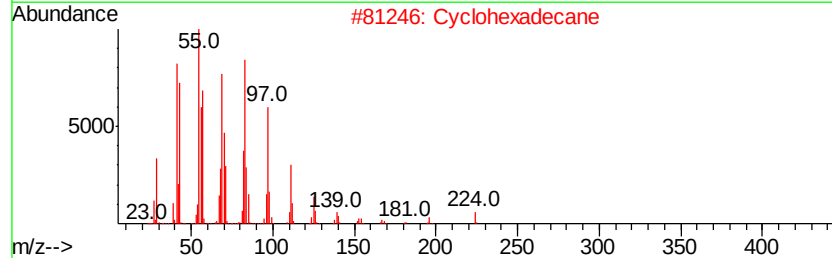
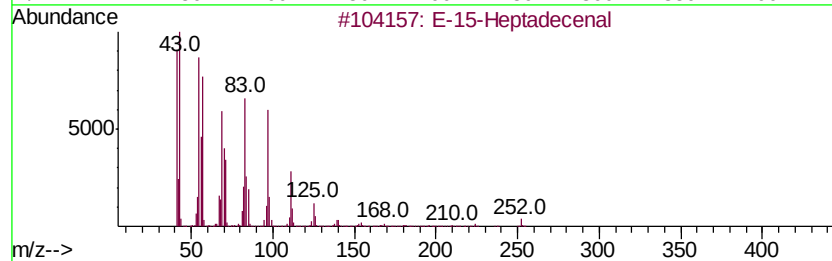
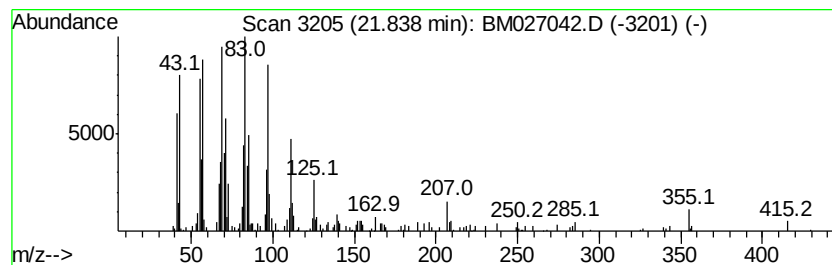
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Peak Number 4 E-15-Heptadecenal Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD		R.T.		
21.84	2.57 ng/ul	132920	Chrysene-d12		21.21		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	E-15-Heptadecenal			252	C17H32O	1000130-97-9	96
2	Cyclohexadecane			224	C16H32	000295-65-8	95
3	n-Tetracosanol-1			354	C24H50O	000506-51-4	93
4	1-Hexacosanol			382	C26H54O	000506-52-5	90
5	Bromoacetic acid, octadecyl ester			390	C20H39BrO2	018992-03-5	87



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Toluene	3.92	4.6	ng/ul	92300	1	7.64	402806	20.0
n-Hexadecanoic acid	17.94	2.6	ng/ul	102299	4	17.02	788807	20.0
(DEL) Alkane: Str...	20.95	4.4	ng/ul	228119	5	21.21	1033960	20.0
E-15-Heptadecenal	21.84	2.6	ng/ul	132920	5	21.21	1033960	20.0