

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112719\
 Data File : BM023949.D
 Acq On : 28 Nov 2019 13:05
 Operator : JU
 Sample : K5915-10
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JLNW8

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	44	rVB	88554	155598	1.65%	0.163%
2	3.658	125	131	137	rBV	58280	102667	1.09%	0.108%
3	3.740	141	145	150	rVB	20188	30420	0.32%	0.032%
4	4.646	295	299	304	rBV	50382	75929	0.80%	0.080%
5	6.675	636	644	658	rBV	1346094	2272618	24.09%	2.383%
6	6.834	665	671	688	rBV	1062325	1710822	18.13%	1.794%
7	7.022	696	703	717	rBV	1461041	2304698	24.43%	2.417%
8	7.487	775	782	792	rBV	1081878	1729498	18.33%	1.814%
9	7.569	792	796	803	rVB6	11928	21980	0.23%	0.023%
10	8.204	897	904	917	rBV	1651497	2742963	29.08%	2.876%
11	8.316	919	923	933	rVB	53187	99838	1.06%	0.105%
12	8.640	969	978	989	rBV	1222436	2111640	22.38%	2.214%
13	8.822	1002	1009	1013	rBV8	7954	16093	0.17%	0.017%
14	9.087	1048	1054	1058	rVB2	20189	33125	0.35%	0.035%
15	9.357	1090	1100	1115	rBV	1001165	1752317	18.57%	1.838%
16	9.892	1184	1191	1209	rBV	1618629	2845335	30.16%	2.984%
17	10.257	1242	1253	1264	rBV	1571557	2587364	27.43%	2.713%
18	10.404	1270	1278	1307	rBV	1301418	2541125	26.94%	2.665%
19	11.869	1521	1527	1533	rBV3	23671	42202	0.45%	0.044%
20	12.492	1628	1633	1637	rBV7	6502	10995	0.12%	0.012%
21	12.757	1673	1678	1684	rVB8	10541	18445	0.20%	0.019%
22	13.445	1791	1795	1801	rBV6	7626	15488	0.16%	0.016%
23	13.569	1809	1816	1820	rBV	3040110	4237456	44.92%	4.444%
24	13.616	1820	1824	1835	rVB	1345547	1872651	19.85%	1.964%
25	13.833	1854	1861	1878	rBV	3688736	5283029	56.00%	5.540%
26	14.145	1907	1914	1924	rVV2	2655443	3874096	41.07%	4.063%
27	14.375	1947	1953	1974	rBV	837201	1664397	17.64%	1.745%
28	14.592	1984	1990	2004	rVV5	108540	231566	2.45%	0.243%
29	14.692	2004	2007	2011	rVB6	7384	11642	0.12%	0.012%
30	14.980	2051	2056	2061	rVV4	12113	21575	0.23%	0.023%
31	15.027	2061	2064	2069	rVB5	12493	16302	0.17%	0.017%
32	15.145	2078	2084	2098	rBV	4710918	6659338	70.59%	6.983%
33	15.286	2102	2108	2120	rVV	1167439	1639382	17.38%	1.719%
34	15.386	2121	2125	2129	rVB	50948	72980	0.77%	0.077%

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35	15.527	2146	2149	2152	rBV4	6348	10801	0.11%	0.011%
36	15.586	2157	2159	2165	rVB7	9159	13359	0.14%	0.014%
37	15.645	2165	2169	2176	rBV9	5957	12319	0.13%	0.013%
38	15.839	2198	2202	2208	rBV6	7482	13998	0.15%	0.015%
39	15.898	2208	2212	2214	rVV4	11746	16090	0.17%	0.017%
40	15.933	2214	2218	2225	rVB5	25217	46413	0.49%	0.049%
41	16.051	2233	2238	2246	rVB9	14552	35367	0.37%	0.037%
42	16.339	2285	2287	2290	rBV3	8974	11226	0.12%	0.012%
43	16.580	2325	2328	2332	rVB6	8612	9751	0.10%	0.010%
44	16.692	2343	2347	2352	rBV4	20052	28592	0.30%	0.030%
45	16.739	2352	2355	2361	rBV7	7763	10615	0.11%	0.011%
46	16.857	2369	2375	2376	rBV6	6433	11435	0.12%	0.012%
47	16.898	2376	2382	2392	rVV	3243855	4540722	48.13%	4.762%
48	16.998	2392	2399	2413	rVV	5144338	7068967	74.93%	7.413%
49	17.116	2417	2419	2425	rVB6	25742	34600	0.37%	0.036%
50	17.316	2449	2453	2461	rVB4	62001	110694	1.17%	0.116%
51	17.698	2515	2518	2522	rBV5	7632	11985	0.13%	0.013%
52	17.821	2534	2539	2549	rBV	428134	738035	7.82%	0.774%
53	18.257	2609	2613	2617	rBV4	48160	57761	0.61%	0.061%
54	18.380	2631	2634	2638	rVB5	29786	38713	0.41%	0.041%
55	18.939	2725	2729	2733	rBV	56602	76438	0.81%	0.080%
56	19.115	2755	2759	2768	rBV3	123085	214442	2.27%	0.225%
57	19.192	2768	2772	2777	rVB	50684	78244	0.83%	0.082%
58	19.304	2785	2791	2801	rBV	6266875	8501949	90.12%	8.916%
59	20.851	3049	3054	3061	rBV2	905478	1408787	14.93%	1.477%
60	21.109	3093	3098	3108	rBV	4075323	5292398	56.10%	5.550%
61	21.286	3126	3128	3134	rVB3	133628	147526	1.56%	0.155%
62	21.709	3197	3200	3207	rBV2	238937	328811	3.49%	0.345%
63	22.151	3272	3275	3279	rBV	262681	304838	3.23%	0.320%
64	22.268	3292	3295	3302	rVB	582872	696504	7.38%	0.730%
65	22.633	3354	3357	3362	rVB	361788	461131	4.89%	0.484%
66	23.115	3433	3439	3445	rBV	5455595	9433863	100.00%	9.893%
67	23.250	3456	3462	3467	rBV	3235523	5687546	60.29%	5.964%
68	23.303	3468	3471	3478	rVB3	703030	1098832	11.65%	1.152%

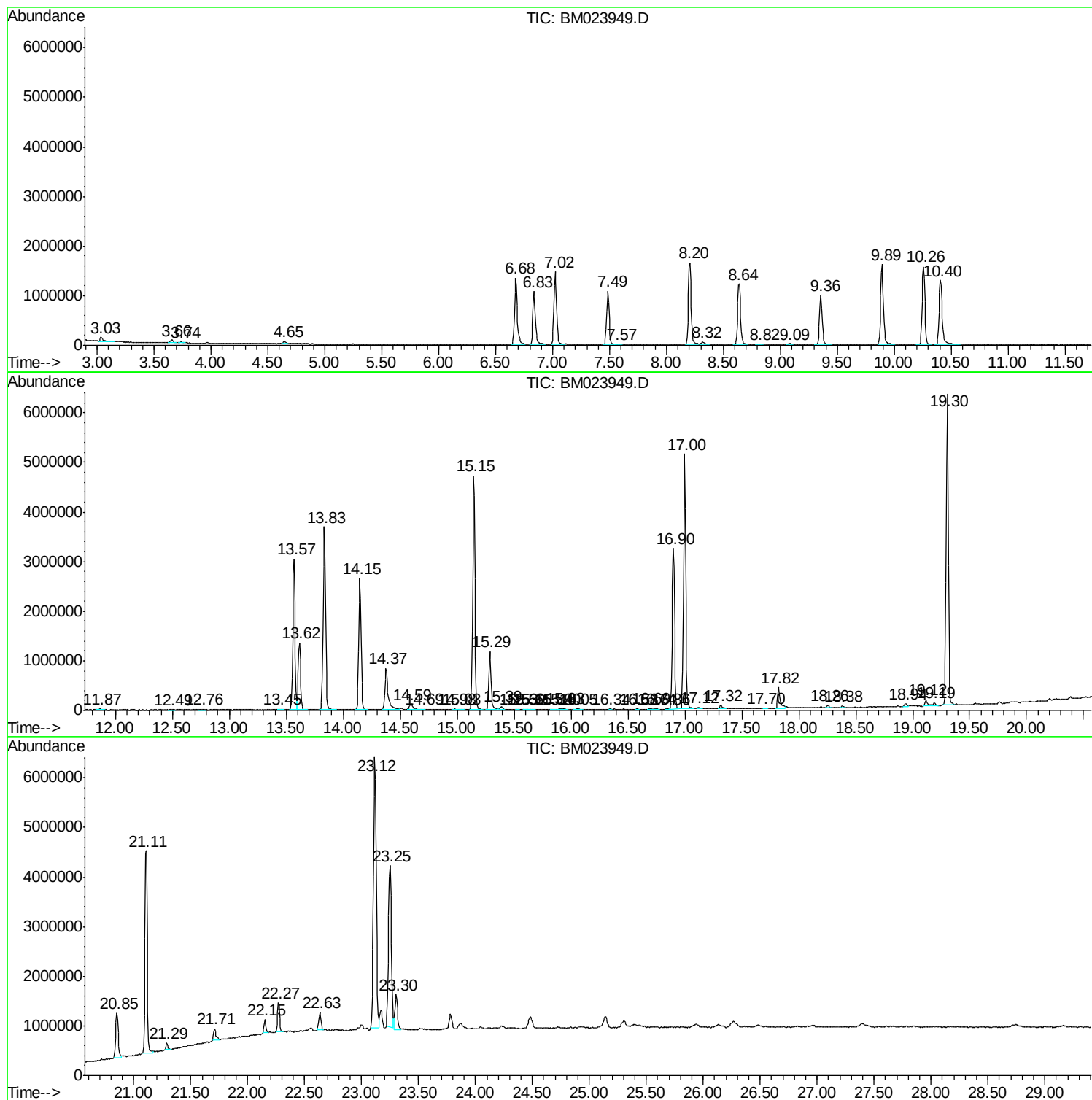
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Quant Title : SVOA CALIBRATION

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



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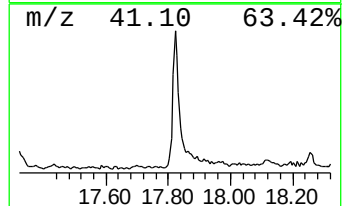
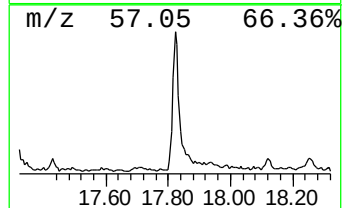
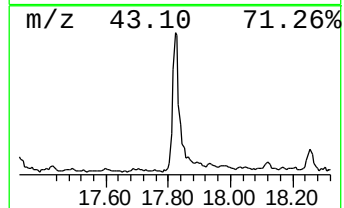
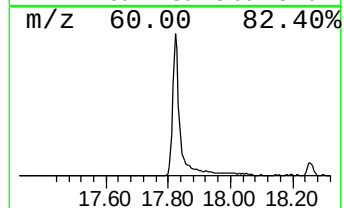
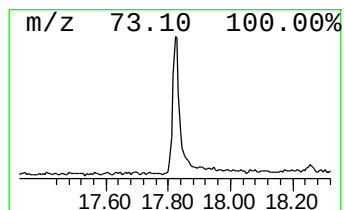
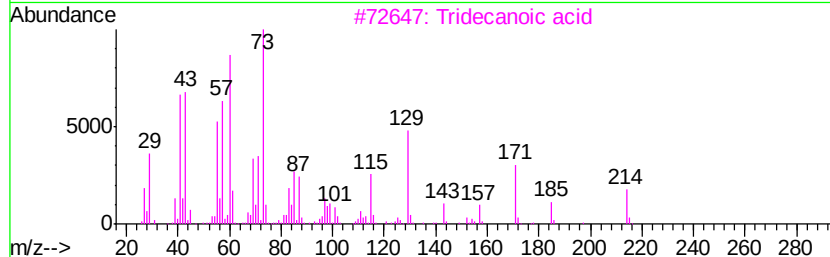
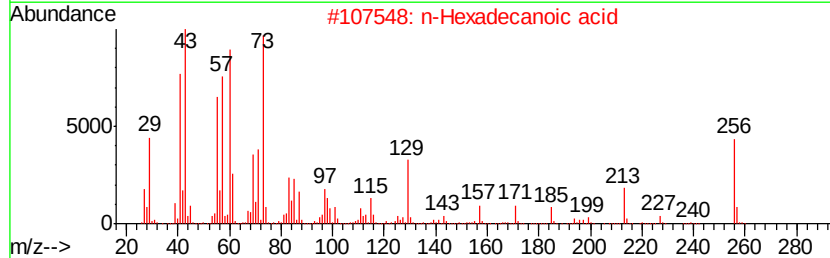
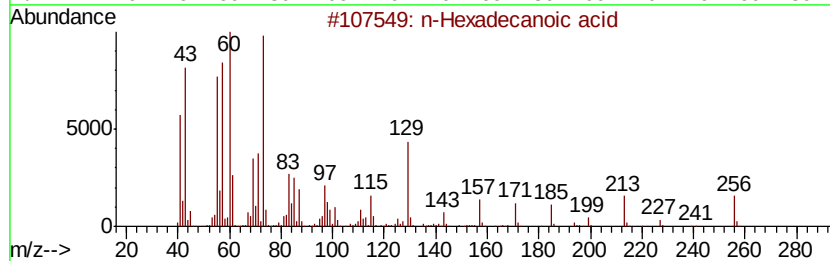
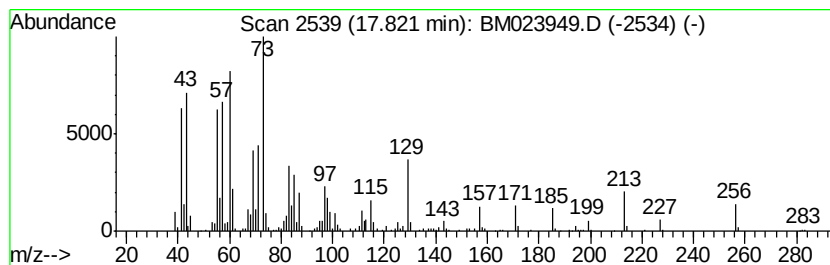
Instrument :
BNA_M
ClientSampleId :
JLNW8

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 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.82	3.25 ng/ul	738035	Phenanthrene-d10	16.90	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
3	Tridecanoic acid	214	C13H26O2	000638-53-9	91
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	76
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	74



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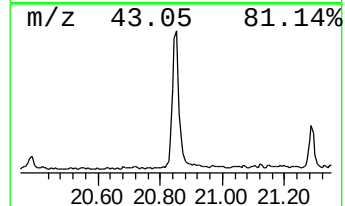
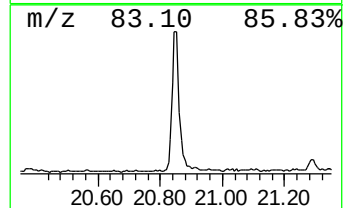
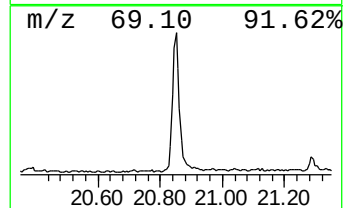
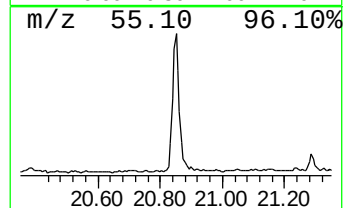
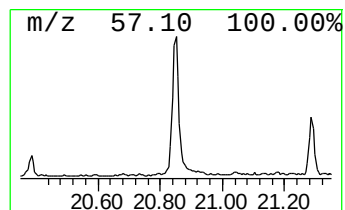
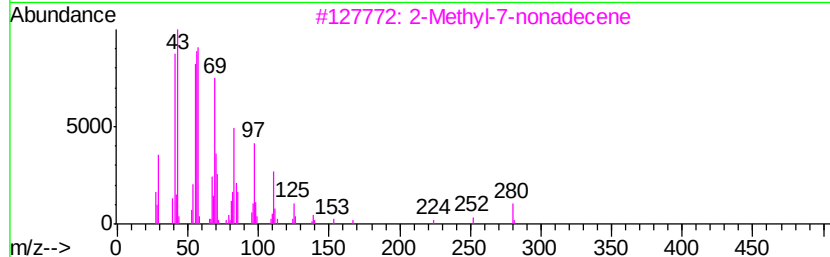
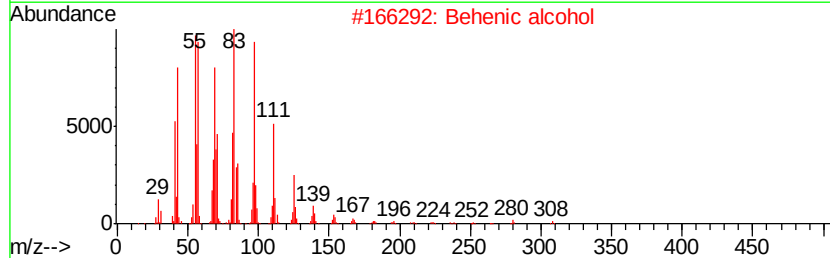
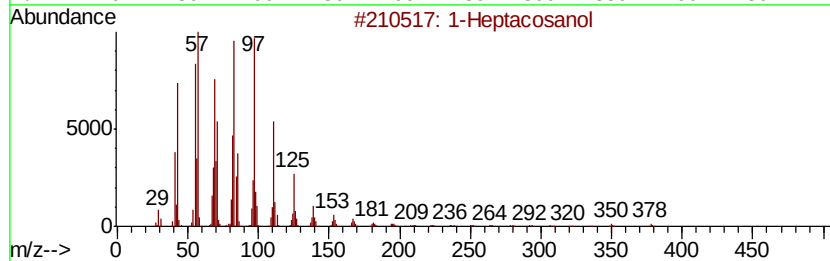
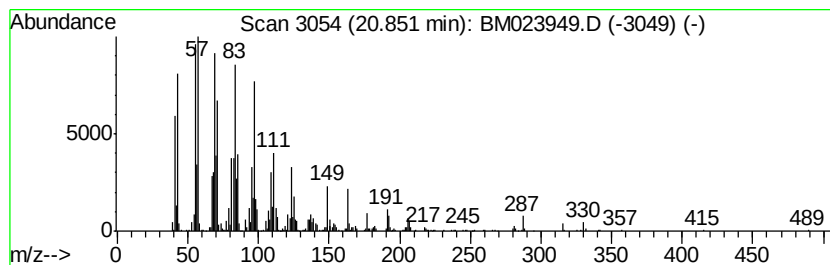
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 1-Heptacosanol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.85	5.32 ng/ul	1408790	Chrysene-d12	21.11

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptacosanol		396	C27H56O	002004-39-9	89
2	Behenic alcohol		326	C22H46O	000661-19-8	87
3	2-Methyl-7-nonadecene		280	C20H40	219750-68-2	86
4	n-Tetracosanol-1		354	C24H50O	000506-51-4	76
5	Bromoacetic acid, hexadecyl ester		362	C18H35BrO2	005454-48-8	76



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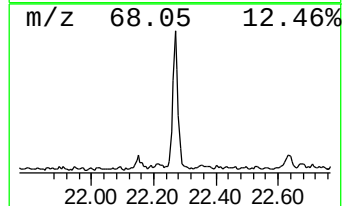
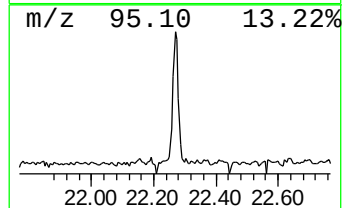
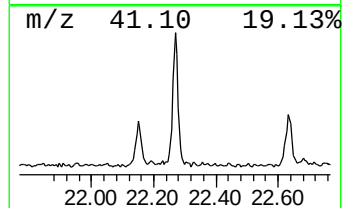
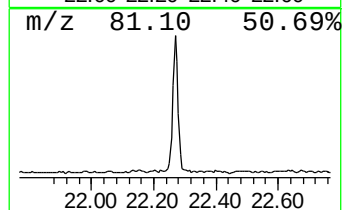
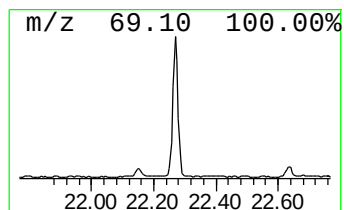
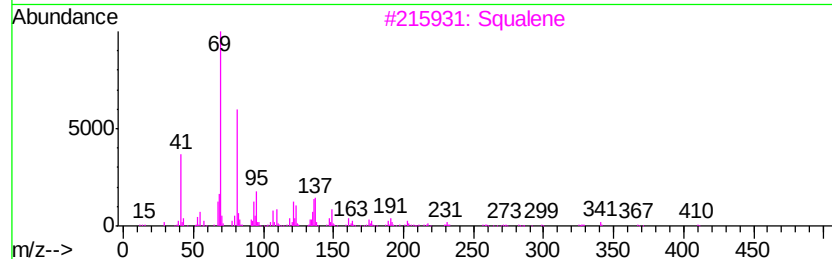
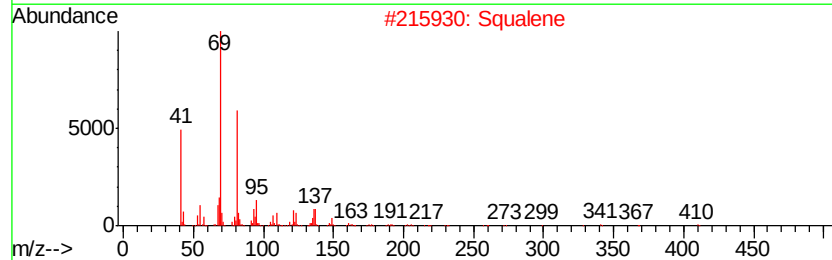
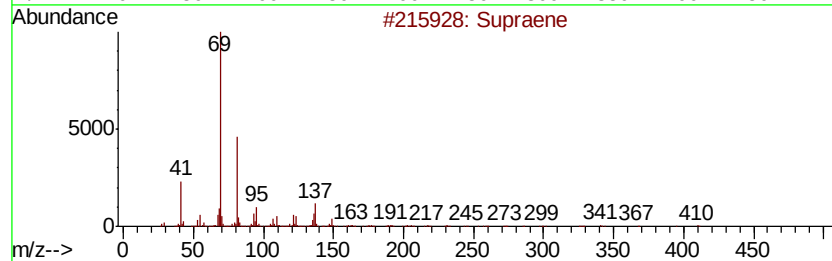
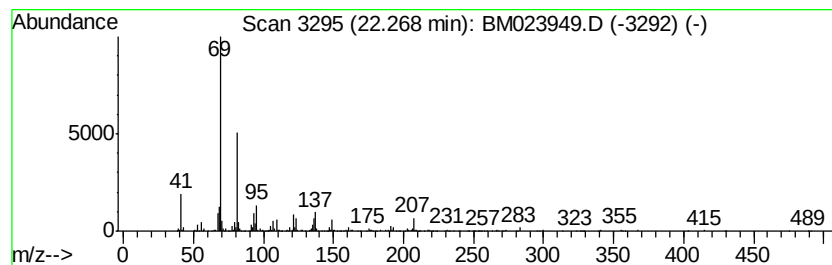
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 Quant Title : SVOA CALIBRATION

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

 Peak Number 3 Supraene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.27	2.45 ng/ul	696504	Perylene-d12	23.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Supraene	410	C30H50	007683-64-9	90
2		Squalene	410	C30H50	000111-02-4	90
3		Squalene	410	C30H50	000111-02-4	86
4		Squalene	410	C30H50	000111-02-4	86
5		Squalene	410	C30H50	000111-02-4	86



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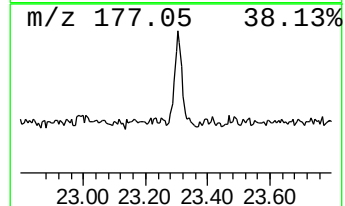
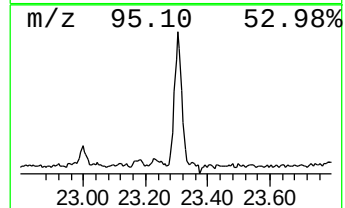
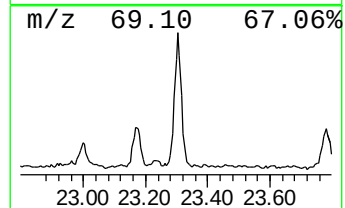
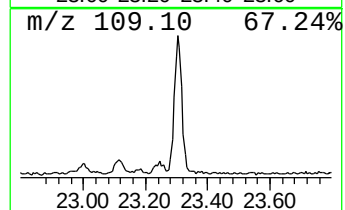
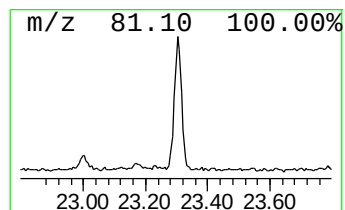
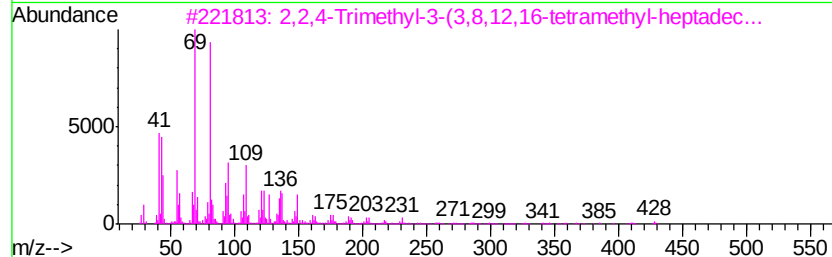
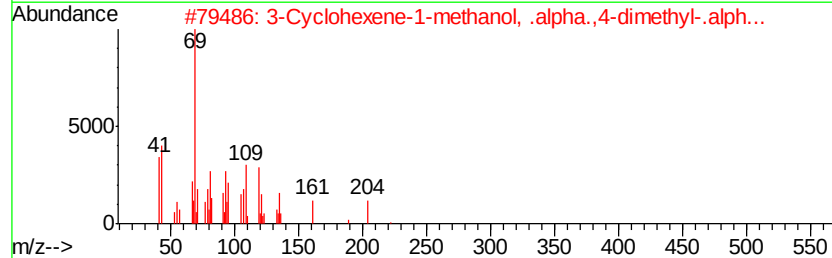
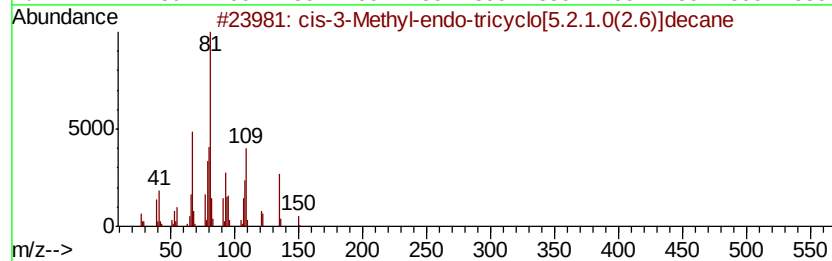
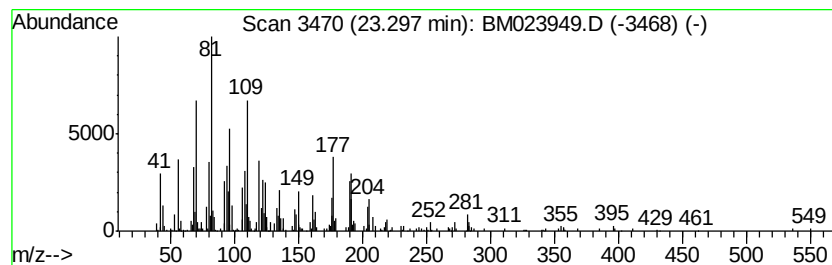
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 4 unknown-01 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.30	3.86 ng/ul	1098830	Perylene-d12	23.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	cis-3-Methyl-endo-tricyclo[5.2.1...	150	C11H18	1000215-29-0	38
2		3-Cyclohexene-1-methanol, .alpha...	222	C15H26O	023178-88-3	25
3		2,2,4-Trimethyl-3-(3,8,12,16-tet...	428	C30H52O	1000194-01-4	22
4		Cyclohexene,3-(1-methylpropyl)-	138	C10H18	015232-91-4	22
5		(-)-Isolongifolol, methyl ether	236	C16H28O	1000333-80-8	22



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TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.82	3.3	ng/ul	738035	4	16.90	4540720	20.0
1-Heptacosanol	20.85	5.3	ng/ul	1408790	5	21.11	5292400	20.0
Supraene	22.27	2.5	ng/ul	696504	6	23.25	5687550	20.0
unknown-01	23.30	3.9	ng/ul	1098830	6	23.25	5687550	20.0