

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080318\
 Data File : BN002222.D
 Acq On : 03 Aug 2018 14:34
 Operator : JU/SJ
 Sample : J4206-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 JJ1K0

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 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-BN071318MA.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	3.252	41	45	50	rVB	67782	84593	1.55%	0.138%
2	3.869	146	150	159	rVB	52451	82897	1.52%	0.135%
3	6.863	652	659	678	rBV	1066229	1881003	34.52%	3.061%
4	7.028	681	687	697	rVV	901481	1366081	25.07%	2.223%
5	7.222	714	720	731	rBV	1117889	1791968	32.88%	2.916%
6	7.687	793	799	807	rBV	885567	1402522	25.74%	2.282%
7	8.393	910	919	930	rBV	1224572	2054107	37.69%	3.342%
8	8.834	987	994	1005	rBV	1081400	1785532	32.76%	2.905%
9	9.552	1109	1116	1129	rBV	865327	1429768	26.24%	2.327%
10	10.087	1200	1207	1221	rBV	1262556	2177804	39.96%	3.544%
11	10.457	1262	1270	1278	rBV	1213468	2025013	37.16%	3.295%
12	10.599	1284	1294	1312	rBV	1114639	1989593	36.51%	3.237%
13	13.734	1820	1827	1831	rBV	2074056	2953657	54.20%	4.806%
14	13.775	1831	1834	1843	rVB	264976	385933	7.08%	0.628%
15	14.010	1867	1874	1883	rBV	2547311	3807593	69.87%	6.196%
16	14.316	1919	1926	1935	rBV2	1533837	2476140	45.44%	4.029%
17	14.540	1958	1964	1980	rBV	511033	1008024	18.50%	1.640%
18	14.751	1995	2000	2005	rVB5	40773	65428	1.20%	0.106%
19	15.316	2090	2096	2103	rVB	2956558	4386634	80.49%	7.138%
20	15.439	2111	2117	2128	rBV	700880	975791	17.91%	1.588%
21	16.322	2263	2267	2275	rBV4	54063	94121	1.73%	0.153%
22	16.451	2284	2289	2293	rBV2	59232	85712	1.57%	0.139%
23	16.545	2299	2305	2315	rVB6	34281	67130	1.23%	0.109%
24	16.745	2333	2339	2344	rBV2	90308	139368	2.56%	0.227%
25	17.069	2387	2394	2400	rBV2	1813260	2732507	50.14%	4.446%
26	17.163	2400	2410	2419	rVB	3235665	4623392	84.84%	7.523%
27	17.969	2543	2547	2556	rBV2	212194	341009	6.26%	0.555%
28	19.098	2730	2739	2742	rBV	46062	94156	1.73%	0.153%
29	19.257	2762	2766	2777	rBV8	41241	91586	1.68%	0.149%
30	19.463	2795	2801	2809	rBV	3726597	5170087	94.87%	8.413%
31	20.027	2894	2897	2901	rVB	86374	84325	1.55%	0.137%
32	20.527	2978	2982	2986	rBV	133168	145788	2.68%	0.237%
33	20.992	3058	3061	3065	rBV	179470	213440	3.92%	0.347%
34	21.263	3102	3107	3113	rBV	2203003	2958626	54.29%	4.814%

LSC Area Percent Report

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35	21.433	3132	3136	3139	rBV	225056	259283	4.76%	0.422%
36	21.869	3206	3210	3214	rBV	230076	273634	5.02%	0.445%
37	22.327	3284	3288	3294	rBV	218586	295835	5.43%	0.481%
38	22.457	3306	3310	3316	rVB	250760	336793	6.18%	0.548%
39	22.833	3370	3374	3379	rVB	225619	315469	5.79%	0.513%
40	23.357	3456	3463	3477	rVB2	2745676	5449756	100.00%	8.868%
41	23.492	3479	3486	3496	rBV2	1528810	2939894	53.95%	4.784%
42	24.027	3572	3577	3584	rVB	185384	365665	6.71%	0.595%
43	24.768	3698	3703	3709	rVB	127200	247893	4.55%	0.403%

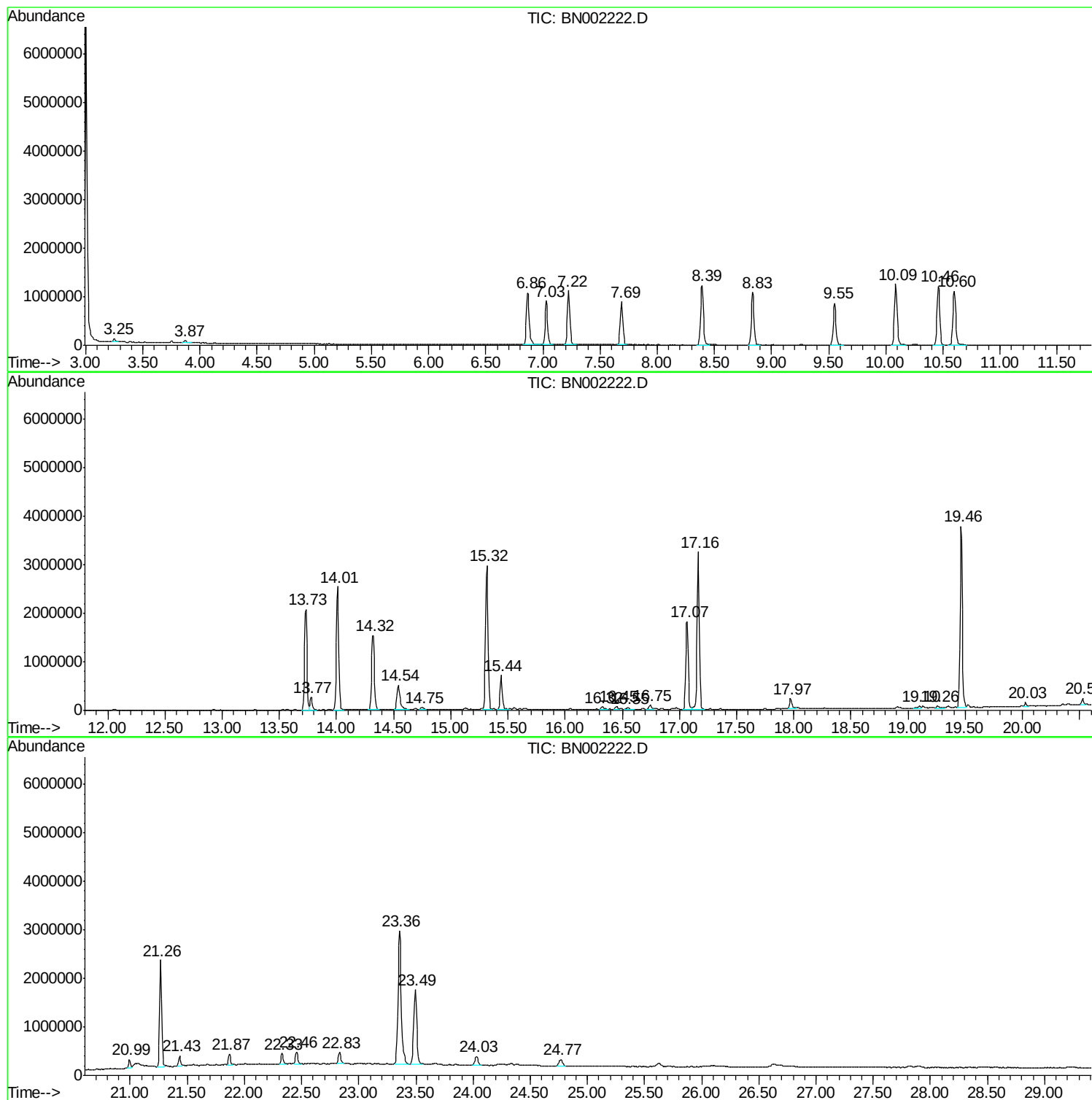
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Quant Title : SVOA CALIBRATION

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



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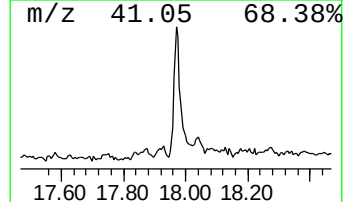
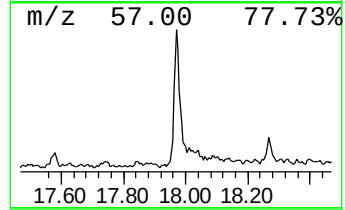
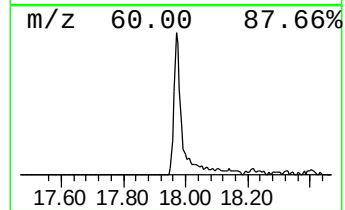
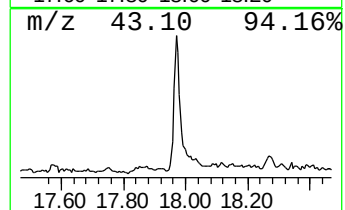
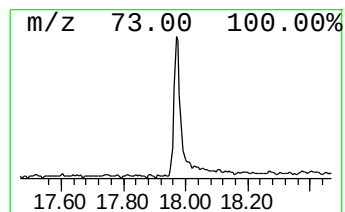
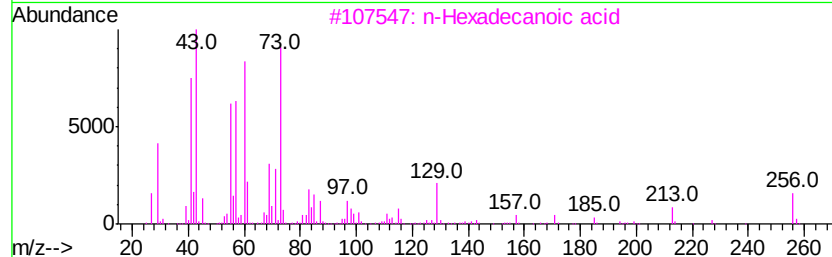
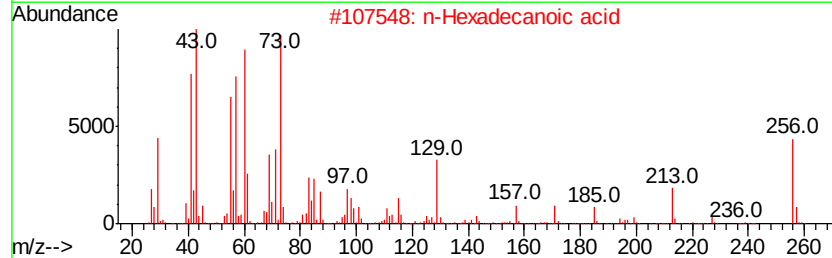
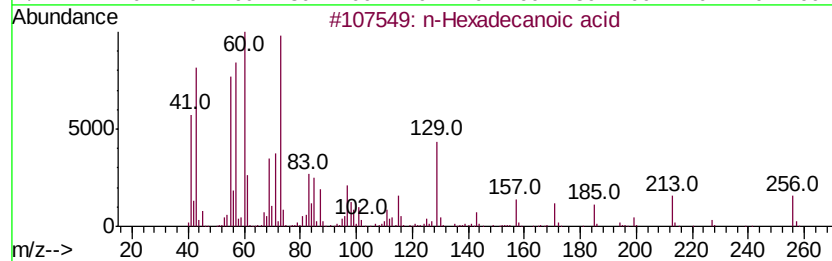
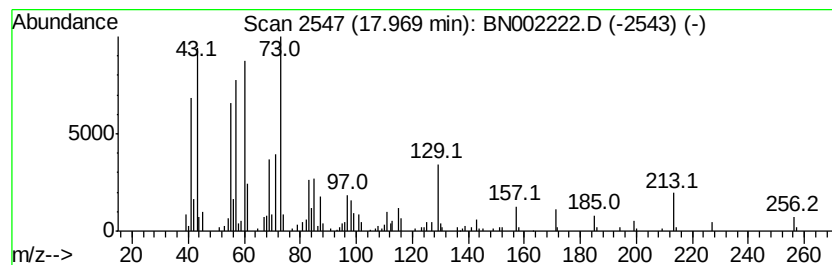
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN071318MA.M
Quant Title : SVOA CALIBRATION

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.
17.97	2.50 ng/ul	341009	Phenanthrene-d10	17.07

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	98
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
4		Tridecanoic acid	214	C13H26O2	000638-53-9	90
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	86



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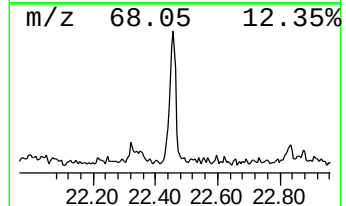
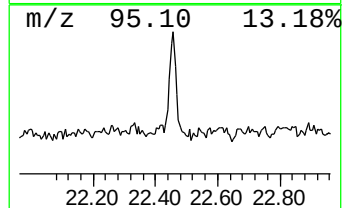
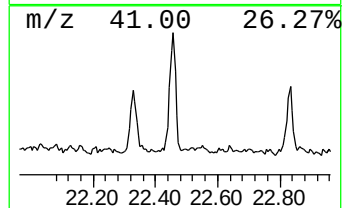
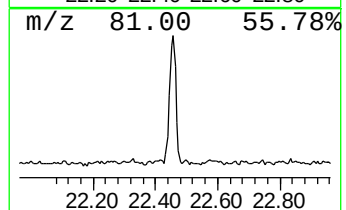
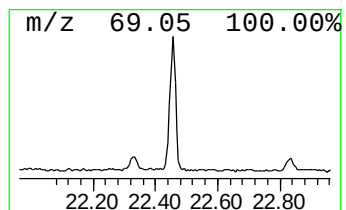
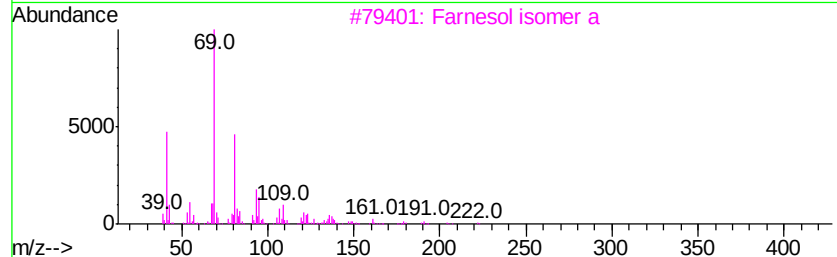
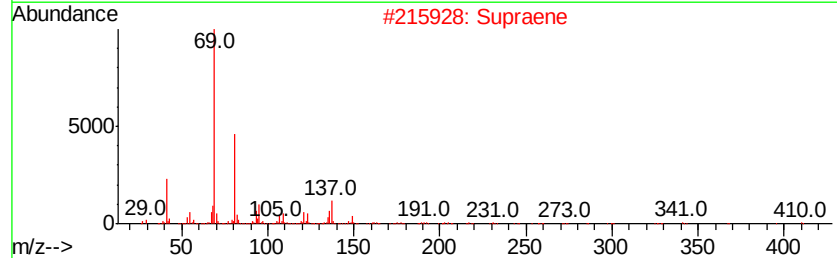
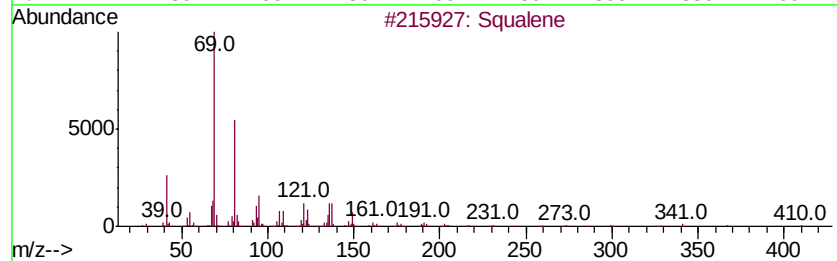
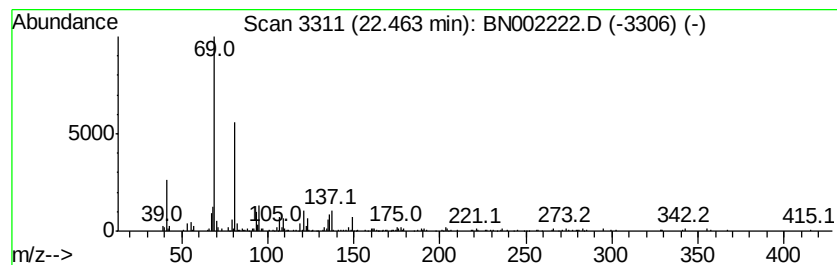
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Peak Number 2 Squalene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.46	2.29 ng/ul	336793	Perylene-d12	23.49
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Squalene	410 C30H50	000111-02-4	91
2	Supraene	410 C30H50	007683-64-9	87
3	Farnesol isomer a	222 C15H26O	1000108-92-4	81
4	7,11-Dimethyldodeca-2,6,10-trien...	208 C14H24O	125529-10-4	80
5	4,8,12-Tetradecatrienal, 5,9,13-...	248 C17H28O	066408-55-7	80



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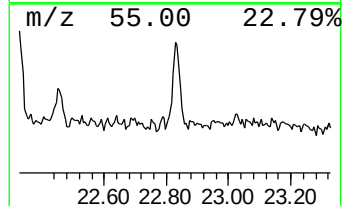
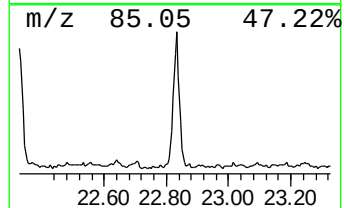
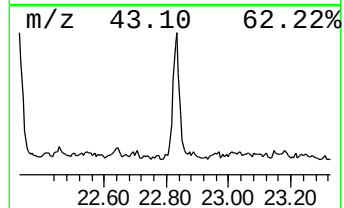
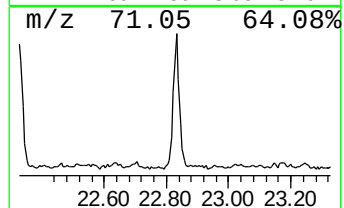
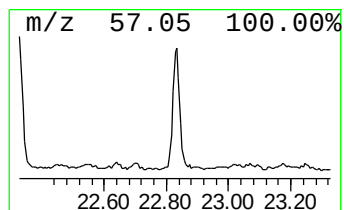
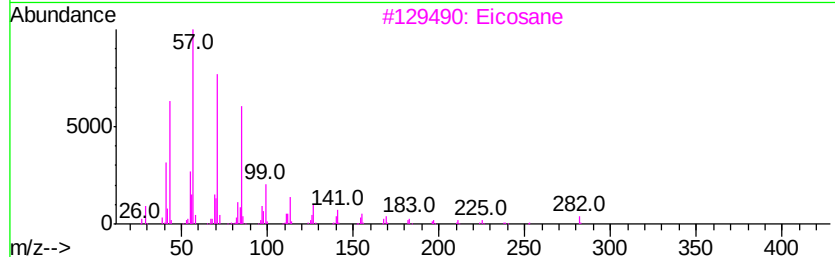
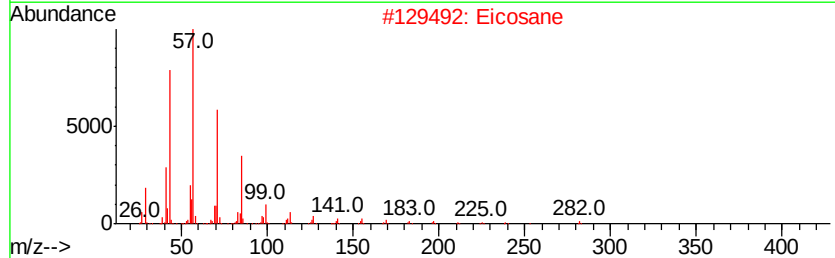
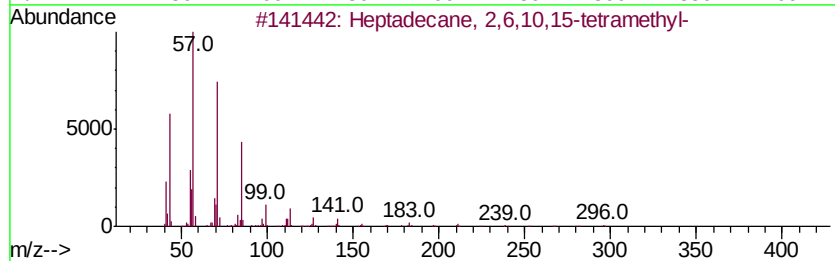
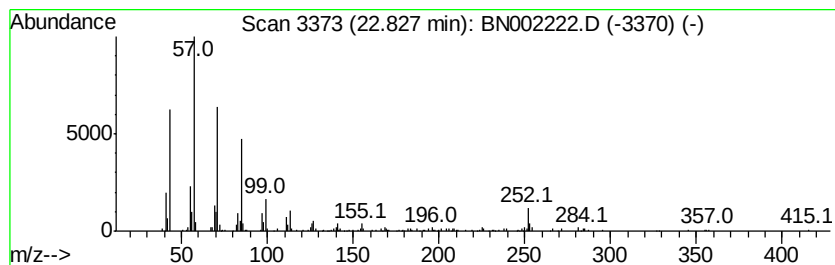
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.83	2.15 ng/ul	315469	Perylene-d12	23.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	96
2		Eicosane	282	C20H42	000112-95-8	96
3		Eicosane	282	C20H42	000112-95-8	93
4		Heneicosane	296	C21H44	000629-94-7	93
5		Octadecane	254	C18H38	000593-45-3	93



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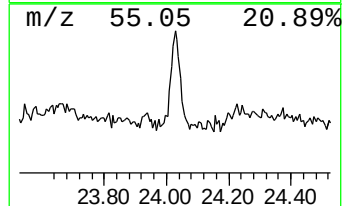
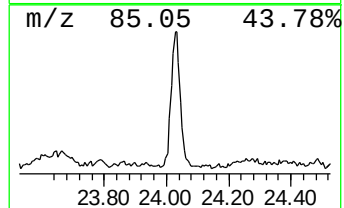
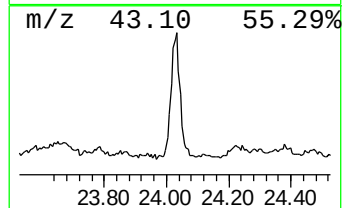
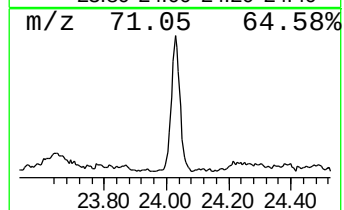
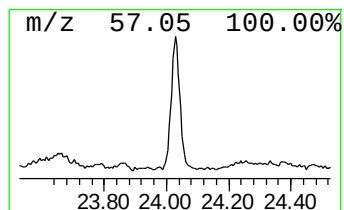
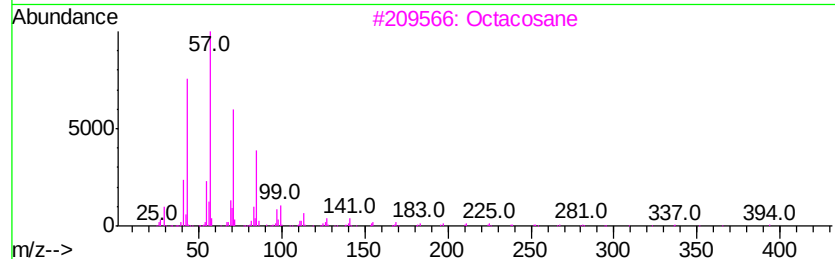
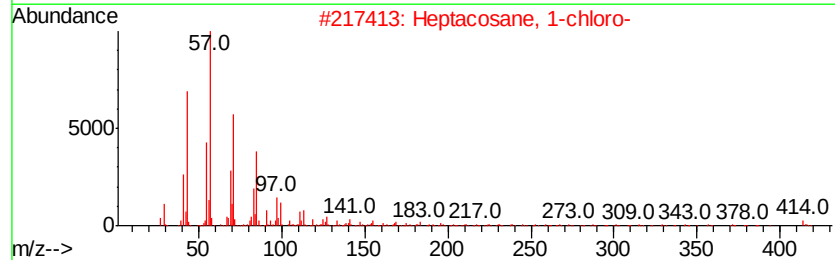
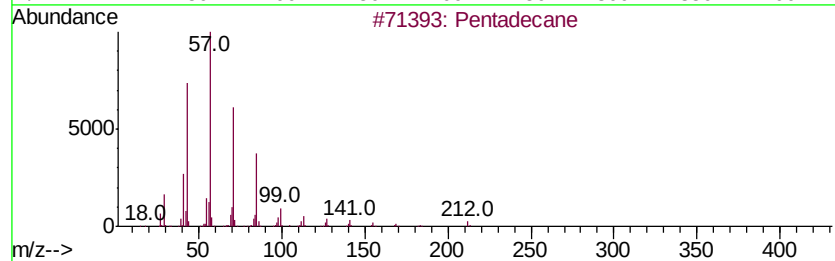
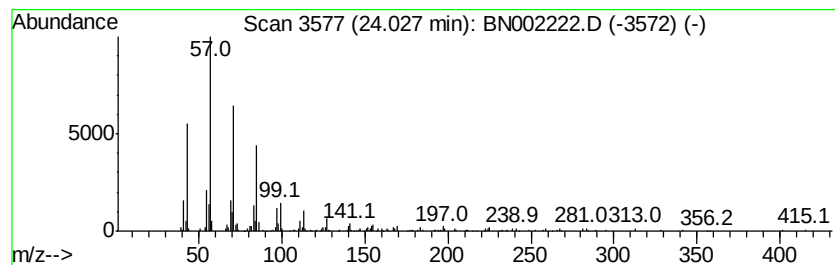
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Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.03	2.49 ng/ul	365665	Perylene-d12	23.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane	212	C15H32	000629-62-9	94
2		Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	91
3		Octacosane	394	C28H58	000630-02-4	90
4		Tetracosane	338	C24H50	000646-31-1	90
5		Hexacosane	366	C26H54	000630-01-3	90



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.97	2.5	ng/ul	341009	4	17.07	2732510	20.0
Squalene	22.46	2.3	ng/ul	336793	6	23.49	2939890	20.0
(DEL) Alkane: Str...	22.83	2.1	ng/ul	315469	6	23.49	2939890	20.0
(DEL) Alkane: Str...	24.03	2.5	ng/ul	365665	6	23.49	2939890	20.0