

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM090316\
 Data File : BM007391.D
 Acq On : 03 Sep 2016 05:22
 Operator : UM/SJ
 Sample : H4655-12
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0020

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:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM082316.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	6.963	736	744	755	rBV	585205	1004933	13.55%	1.389%
2	7.128	765	772	781	rBV	461711	720550	9.72%	0.996%
3	7.328	799	806	814	rBV	631040	1025673	13.83%	1.417%
4	7.793	879	885	894	rBV	705386	1137342	15.34%	1.572%
5	8.493	995	1004	1014	rBV	832910	1355941	18.29%	1.874%
6	8.945	1074	1081	1093	rBV	633646	1070354	14.44%	1.479%
7	9.663	1196	1203	1212	rBV	552708	946793	12.77%	1.308%
8	10.198	1287	1294	1307	rBV	857612	1465357	19.76%	2.025%
9	10.575	1351	1358	1366	rBV	1064853	1845068	24.89%	2.550%
10	10.716	1372	1382	1400	rBV	642667	1195414	16.12%	1.652%
11	13.833	1905	1912	1916	rBV	1876820	2622083	35.37%	3.623%
12	13.880	1916	1920	1928	rVB	1004809	1379786	18.61%	1.907%
13	14.116	1949	1960	1971	rBV	1972091	2984723	40.26%	4.124%
14	14.422	2006	2012	2021	rBV2	1806567	2917453	39.35%	4.031%
15	14.622	2040	2046	2066	rBV	737059	1269287	17.12%	1.754%
16	15.416	2174	2181	2188	rBV	2640064	3885643	52.41%	5.369%
17	15.539	2195	2202	2213	rBV	790273	1125216	15.18%	1.555%
18	16.133	2299	2303	2312	rBV2	45115	77870	1.05%	0.108%
19	16.568	2373	2377	2387	rBV	80149	120306	1.62%	0.166%
20	17.168	2473	2479	2484	rBV	2763683	4039955	54.49%	5.582%
21	17.210	2484	2486	2490	rVV	190163	216330	2.92%	0.299%
22	17.268	2490	2496	2504	rVV	3093958	4645682	62.66%	6.419%
23	17.933	2604	2609	2616	rBV2	103614	197869	2.67%	0.273%
24	18.057	2624	2630	2639	rBV2	510655	801404	10.81%	1.107%
25	19.186	2816	2822	2823	rBV3	65597	90224	1.22%	0.125%
26	19.221	2823	2828	2834	rVV	605170	842670	11.37%	1.164%
27	19.333	2843	2847	2851	rBV2	88955	131179	1.77%	0.181%
28	19.557	2879	2885	2898	rVB2	4355169	6928563	93.45%	9.574%
29	20.080	2970	2974	2983	rVB	85542	149692	2.02%	0.207%
30	20.180	2986	2991	2995	rBV	69690	102027	1.38%	0.141%
31	20.227	2995	2999	3006	rVB4	40349	88473	1.19%	0.122%
32	21.056	3133	3140	3148	rBV4	422349	754248	10.17%	1.042%
33	21.345	3183	3189	3194	rBV	4923673	6905232	93.14%	9.542%
34	21.380	3194	3195	3203	rVB	303975	327103	4.41%	0.452%

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35	21.662	3240	3243	3247	rVB2	63182	85871	1.16%	0.119%
36	21.933	3286	3289	3290	rBV	126365	132699	1.79%	0.183%
37	22.398	3365	3368	3369	rBV2	66357	74773	1.01%	0.103%
38	22.427	3369	3373	3384	rVV	344607	513896	6.93%	0.710%
39	22.527	3385	3390	3401	rVB	1210280	1698495	22.91%	2.347%
40	23.421	3537	3542	3544	rBV	135272	241734	3.26%	0.334%
41	23.474	3544	3551	3564	rVV	3626781	7414035	100.00%	10.245%
42	23.615	3568	3575	3591	rVB2	3020769	6294928	84.91%	8.698%
43	24.133	3658	3663	3672	rVB	263349	506379	6.83%	0.700%
44	24.897	3786	3793	3805	rVB3	235030	649438	8.76%	0.897%
45	25.768	3936	3941	3951	rVB3	153253	386824	5.22%	0.535%

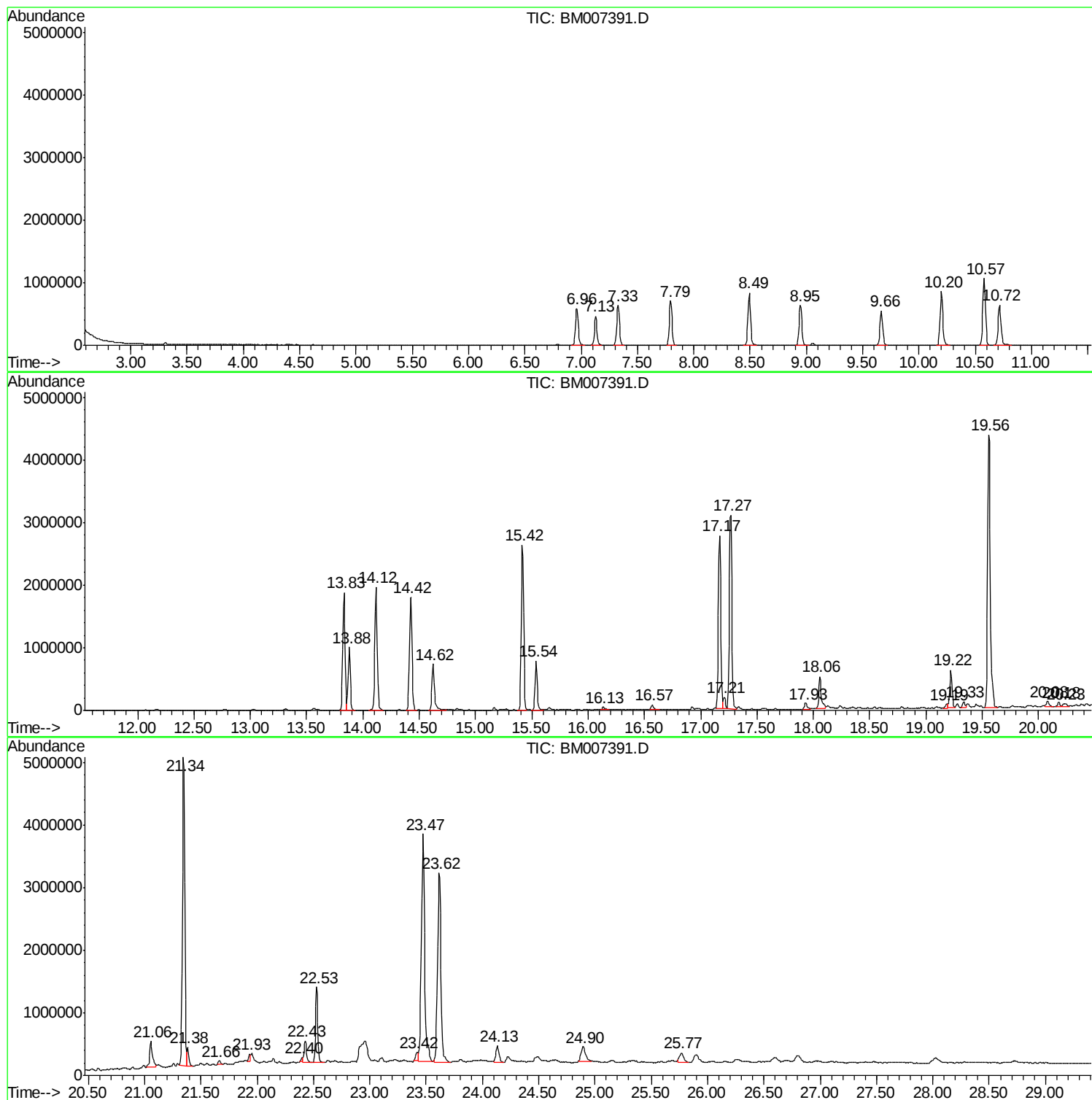
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM082316.M
Quant Title : SVOA CALIBRATION

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



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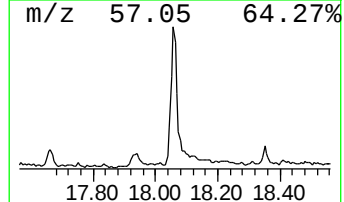
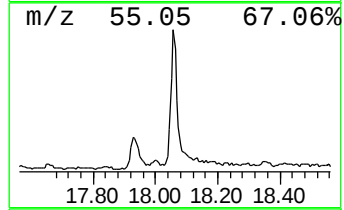
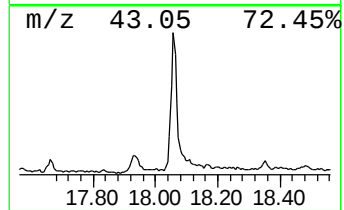
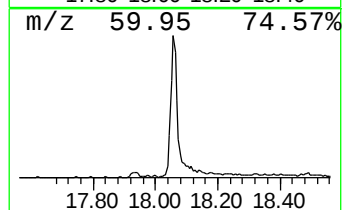
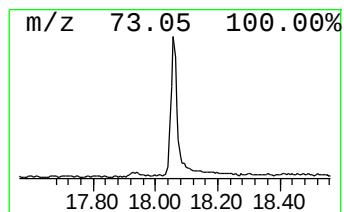
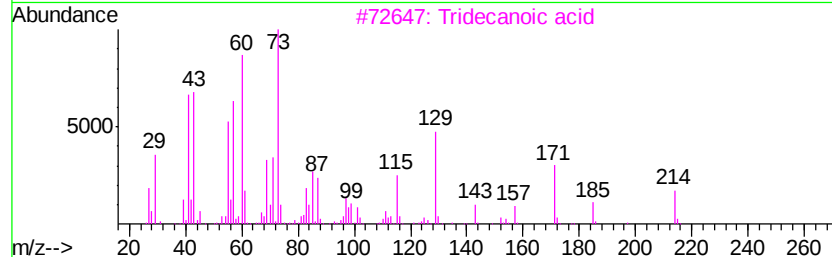
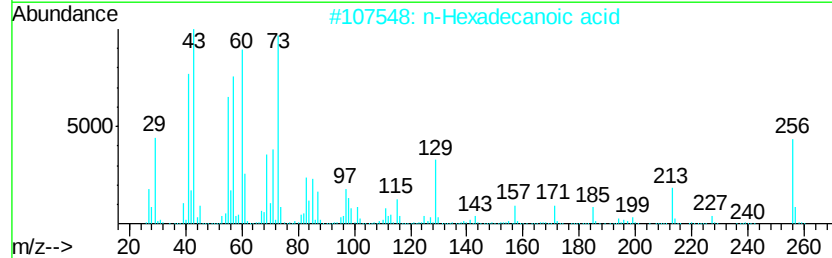
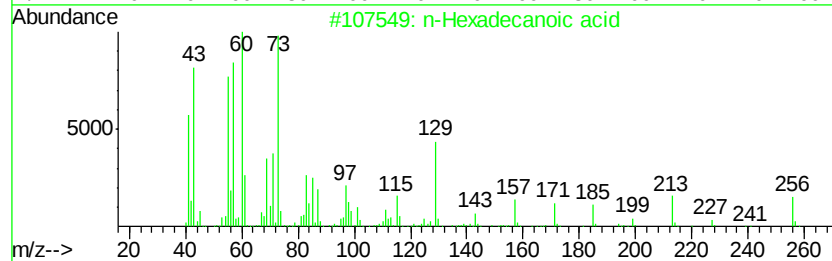
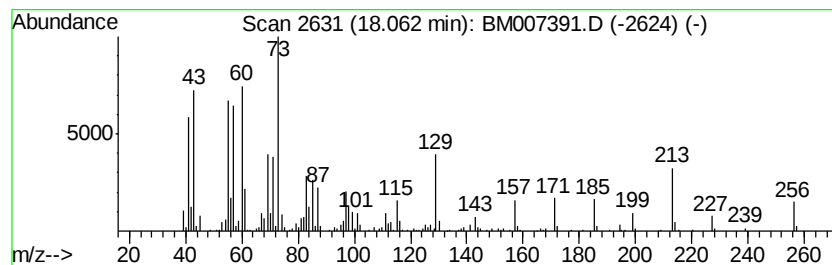
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM082316.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.06	3.97 ng/ul	801404	Phenanthrene-d10	17.17

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	97
3		Tridecanoic acid	214	C13H26O2	000638-53-9	93
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	93
5		Tridecanoic acid	214	C13H26O2	000638-53-9	93



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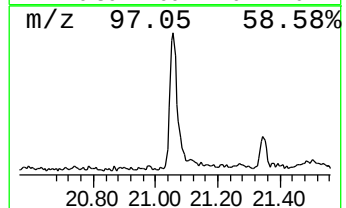
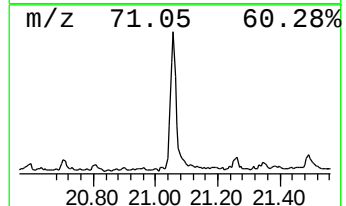
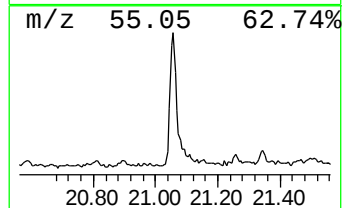
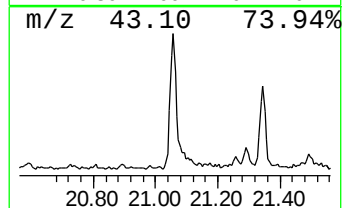
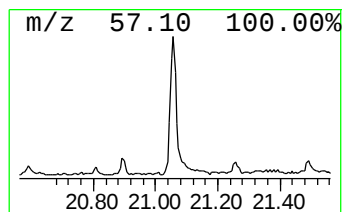
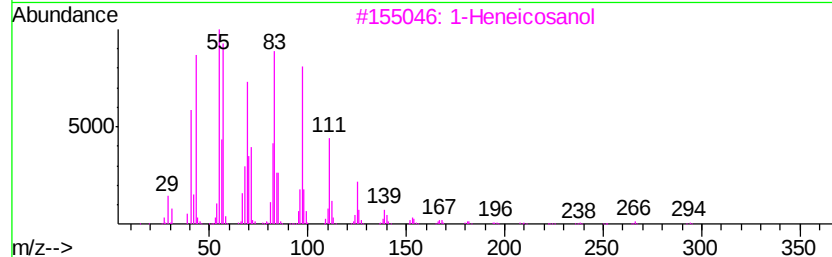
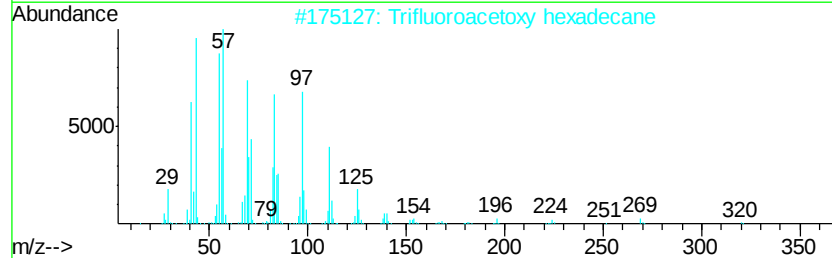
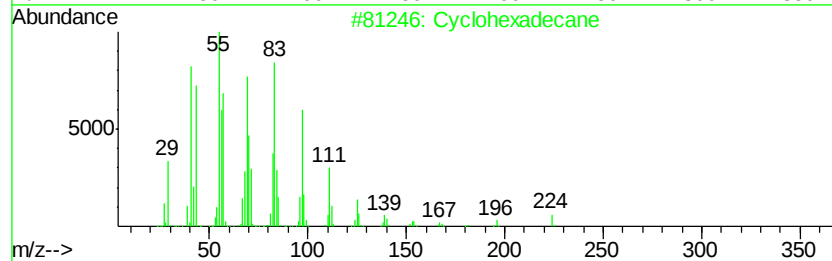
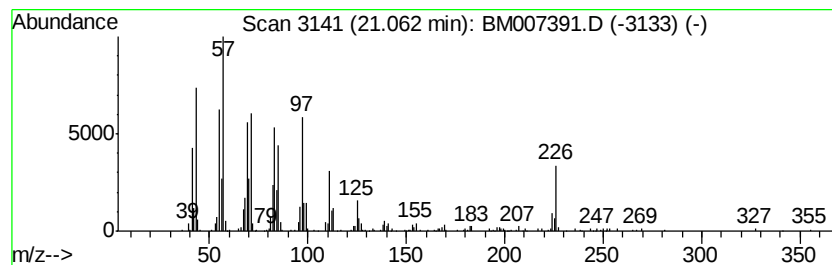
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Peak Number 2 (DEL) Alkane: Cyclic21.06 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.06	2.18 ng/ul	754248	Chrysene-d12	21.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexadecane	224	C16H32	000295-65-8	92
2		Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	92
3		1-Heneicosanol	312	C21H44O	015594-90-8	92
4		Tricosyl heptafluorobutyrate	536	C27H47F7O2	1000351-83-4	91
5		Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	91



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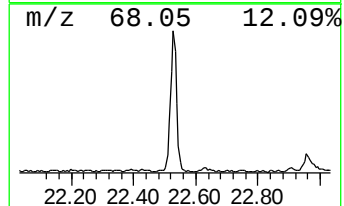
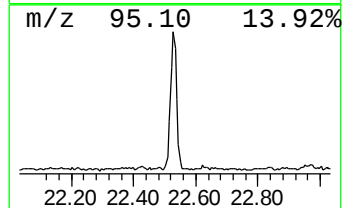
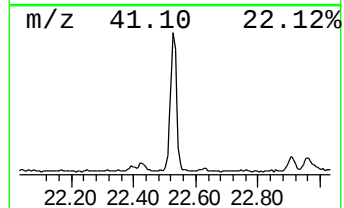
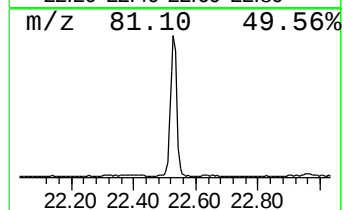
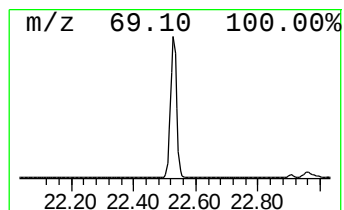
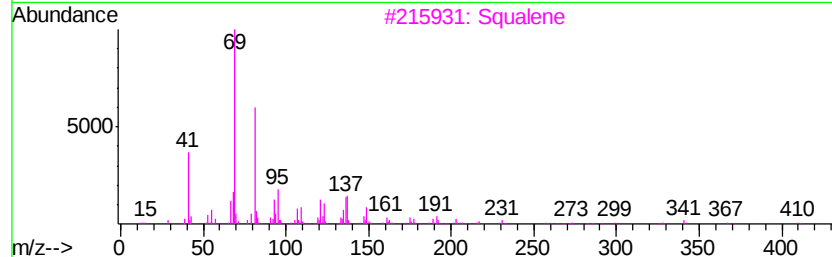
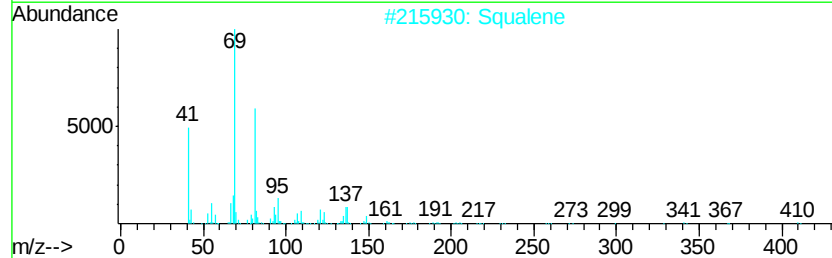
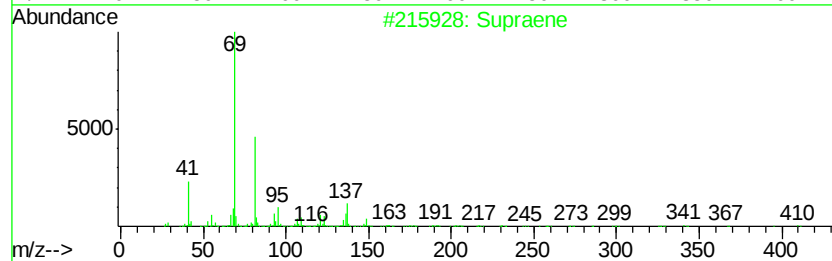
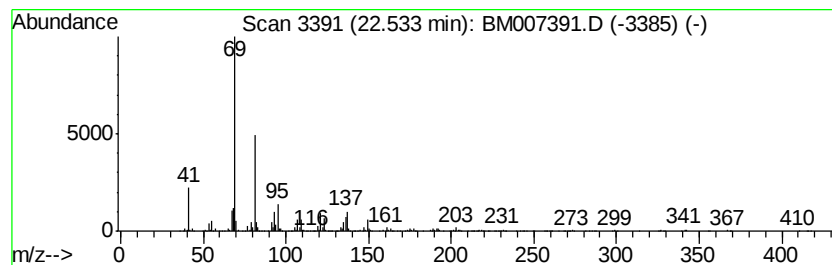
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Supraene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.53	5.40 ng/ul	1698500	Perylene-d12	23.62
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Supraene		410 C30H50	007683-64-9 91
2	Squalene		410 C30H50	000111-02-4 91
3	Squalene		410 C30H50	000111-02-4 90
4	Squalene		410 C30H50	000111-02-4 90
5	Squalene		410 C30H50	000111-02-4 86



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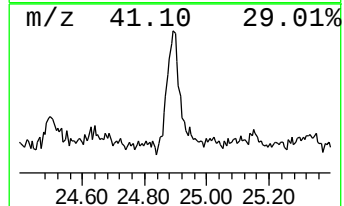
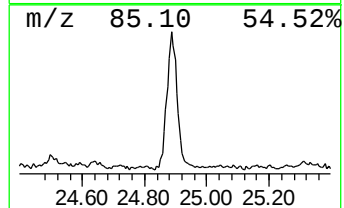
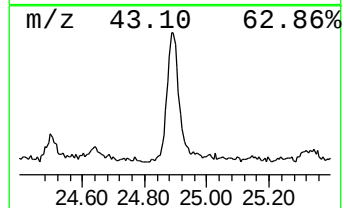
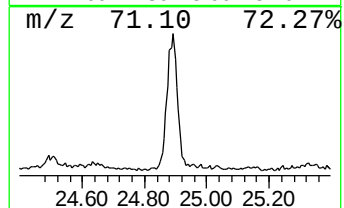
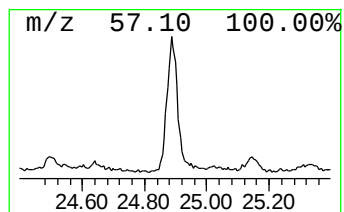
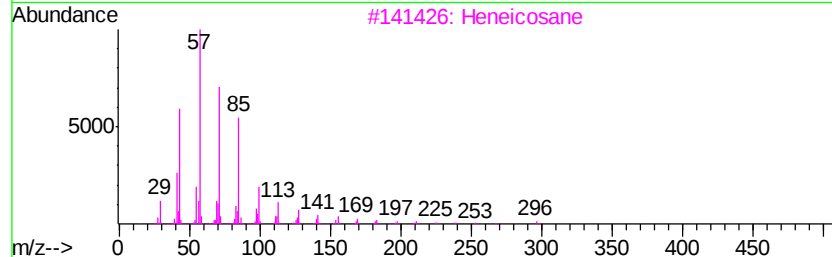
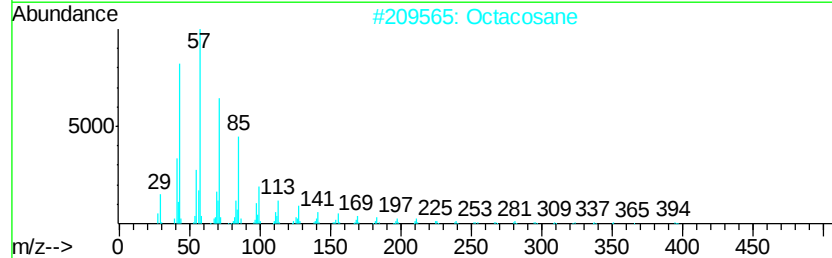
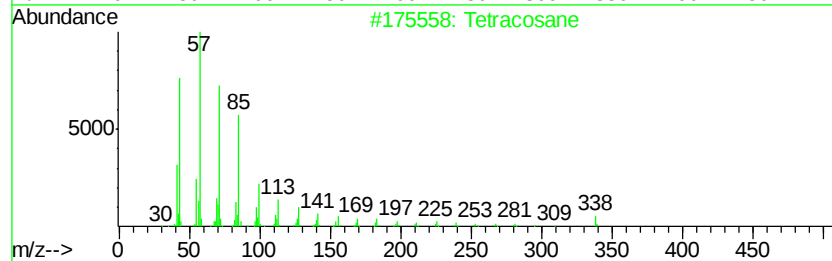
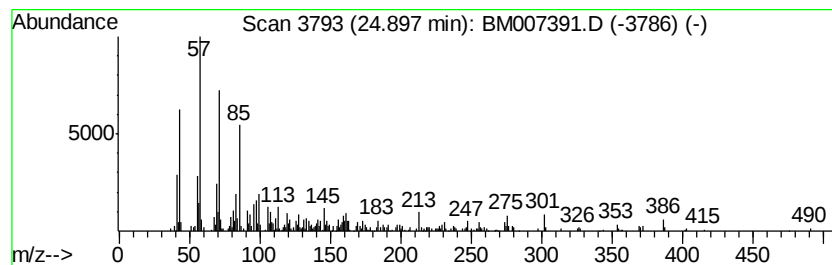
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Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.90	2.06 ng/ul	649438	Perylene-d12	23.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane	338	C24H50	000646-31-1	70
2		Octacosane	394	C28H58	000630-02-4	70
3		Heneicosane	296	C21H44	000629-94-7	70
4		Tetracosane, 11-decyl-	479	C34H70	055429-84-0	70
5		Hentriacontane	437	C31H64	000630-04-6	70



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	18.06	4.0	ng/ul	801404	4	17.17	4039960	20.0
(DEL) Alkane: Cyc...	21.06	2.2	ng/ul	754248	5	21.34	6905230	20.0
Supraene	22.53	5.4	ng/ul	1698500	6	23.62	6294930	20.0
(DEL) Alkane: Str...	24.90	2.1	ng/ul	649438	6	23.62	6294930	20.0