

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012918\
 Data File : BM013971.D
 Acq On : 29 Jan 2018 23:05
 Operator : SJ/JU
 Sample : J1295-02
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F6C00

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\SOM-EPA-BM011018.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	3.128	21	24	33	rVB3	28803	45743	1.22%	0.123%
2	6.757	635	641	656	rBV	470494	924016	24.69%	2.484%
3	6.916	661	668	681	rVB	374309	596154	15.93%	1.602%
4	7.104	694	700	718	rVB	548055	912068	24.37%	2.452%
5	7.569	773	779	793	rBV	373897	629338	16.81%	1.692%
6	8.287	895	901	921	rBV	607262	1104601	29.51%	2.969%
7	8.728	967	976	987	rBV	537466	956700	25.56%	2.572%
8	9.440	1091	1097	1106	rBV	451119	856588	22.88%	2.302%
9	9.981	1181	1189	1200	rBV	602446	1173828	31.36%	3.155%
10	10.339	1243	1250	1260	rVB	507170	858382	22.93%	2.307%
11	10.492	1270	1276	1294	rBV	475437	1043288	27.87%	2.804%
12	13.645	1805	1812	1816	rBV	1278534	1821074	48.65%	4.895%
13	13.692	1816	1820	1829	rVB	344638	563084	15.04%	1.514%
14	13.910	1850	1857	1870	rBV	1350353	2142757	57.24%	5.760%
15	14.127	1887	1894	1901	rBV4	32920	58338	1.56%	0.157%
16	14.222	1901	1910	1922	rVB3	735974	1177045	31.44%	3.164%
17	14.463	1946	1951	1968	rBV	322974	801995	21.43%	2.156%
18	15.086	2052	2057	2062	rVB	40817	57346	1.53%	0.154%
19	15.222	2072	2080	2096	rBV	1798975	2627976	70.21%	7.064%
20	15.369	2099	2105	2117	rVV	496221	835932	22.33%	2.247%
21	15.469	2117	2122	2130	rVB4	26009	55361	1.48%	0.149%
22	15.951	2201	2204	2211	rBV3	40348	61262	1.64%	0.165%
23	16.745	2335	2339	2343	rBV4	25368	40614	1.09%	0.109%
24	16.980	2370	2379	2389	rBV	987323	1485141	39.68%	3.992%
25	17.074	2389	2395	2408	rVV2	1853913	2882293	77.00%	7.748%
26	17.757	2505	2511	2518	rBV8	39218	66776	1.78%	0.179%
27	17.886	2527	2533	2543	rBV2	389919	605487	16.18%	1.628%
28	18.174	2578	2582	2586	rBV5	30959	44324	1.18%	0.119%
29	18.757	2677	2681	2686	rBV6	30771	64264	1.72%	0.173%
30	18.839	2692	2695	2699	rVB6	57600	70258	1.88%	0.189%
31	19.021	2722	2726	2729	rBV4	38070	66719	1.78%	0.179%
32	19.051	2729	2731	2738	rVB7	40560	72951	1.95%	0.196%
33	19.174	2746	2752	2758	rBV3	124360	207421	5.54%	0.558%
34	19.380	2780	2787	2795	rBV	2559623	3542157	94.63%	9.521%

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35	20.898	3041	3045	3055	rBV	388073	670649	17.92%	1.803%
36	21.180	3088	3093	3105	rBV	1360166	1912652	51.10%	5.141%
37	22.333	3285	3289	3297	rVB	507017	635922	16.99%	1.709%
38	23.227	3434	3441	3449	rBV2	2071551	3743206	100.00%	10.062%
39	23.362	3458	3464	3474	rVB	947166	1788915	47.79%	4.809%

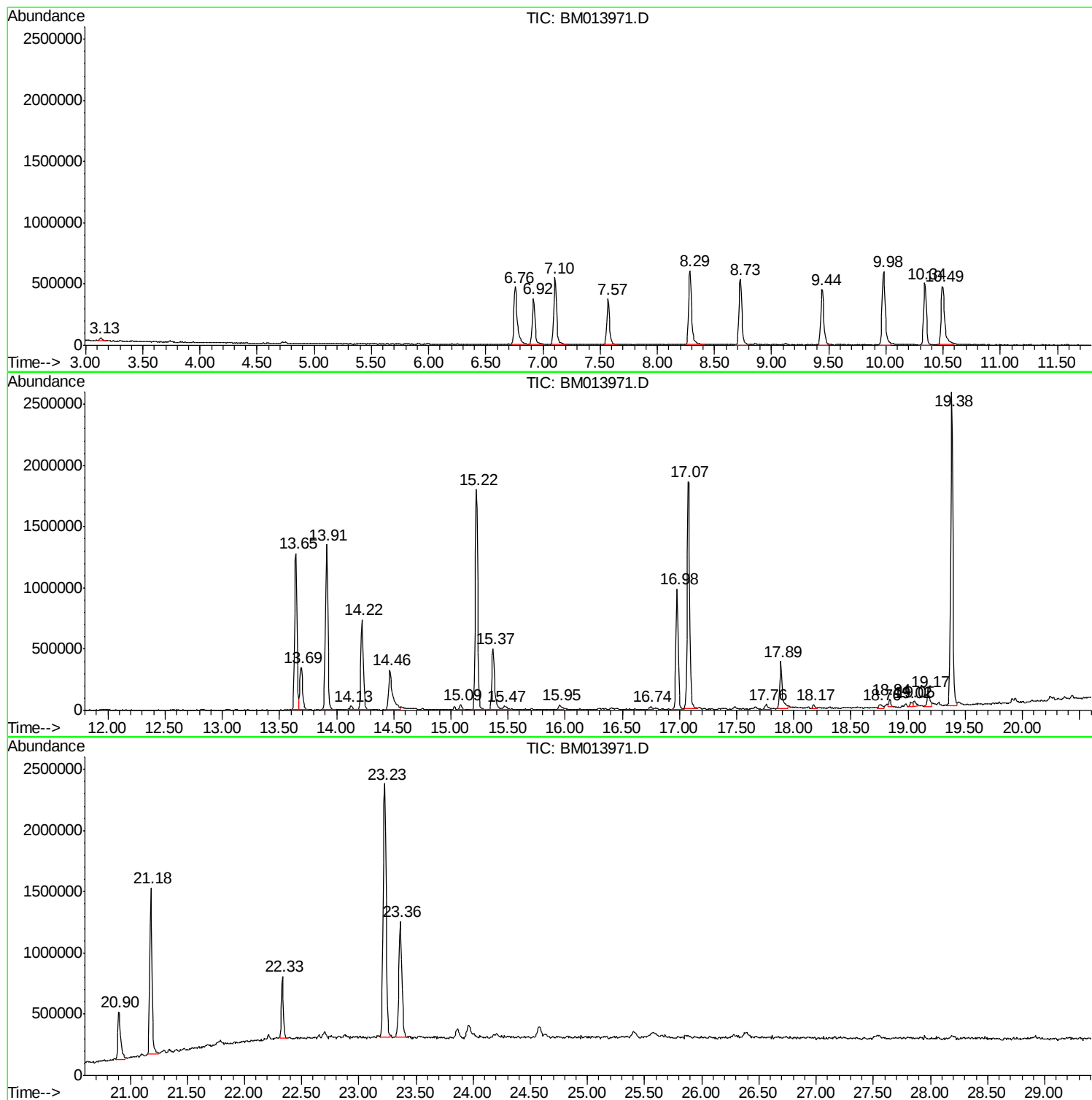
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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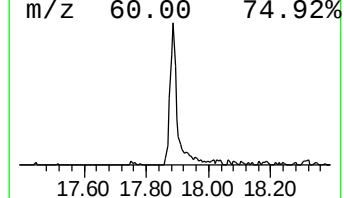
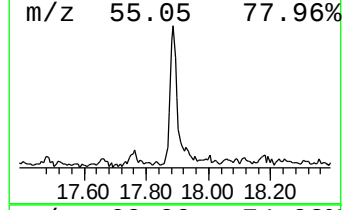
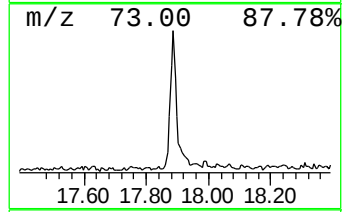
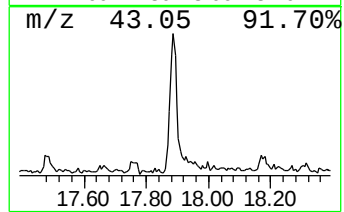
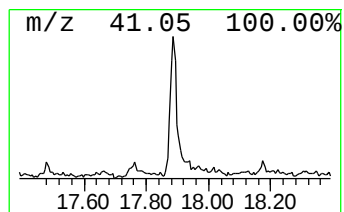
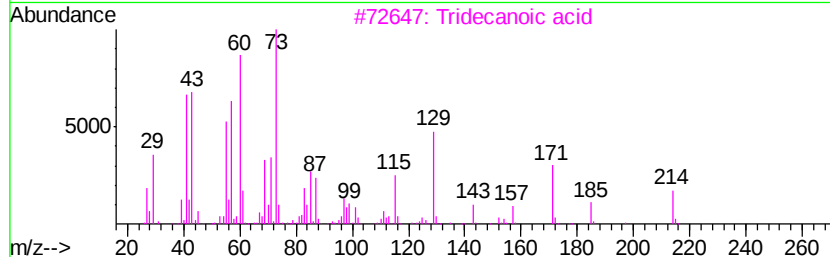
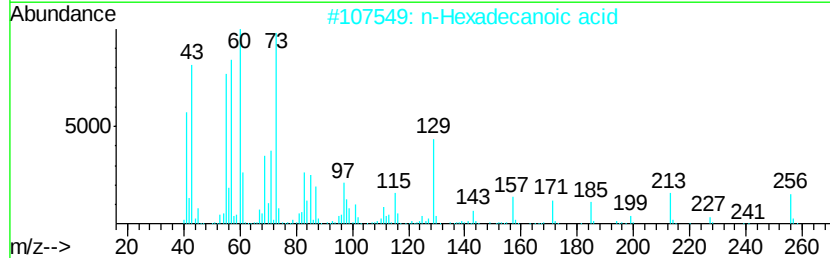
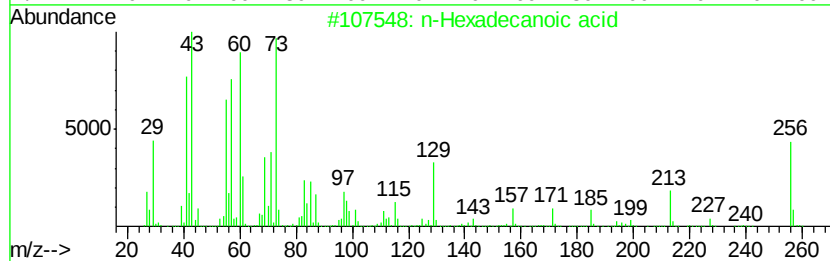
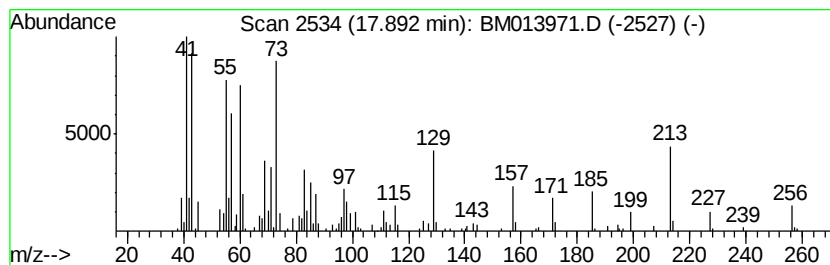
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD		R.T.		
17.89	8.15 ng/ul	605487	Phenanthrene-d10		16.98		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
3			Tridecanoic acid	214	C13H26O2	000638-53-9	95
4			Tridecanoic acid	214	C13H26O2	000638-53-9	93
5			Tridecanoic acid	214	C13H26O2	000638-53-9	76



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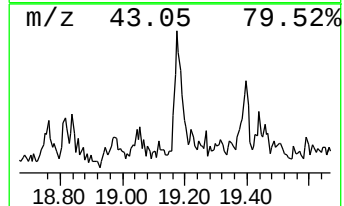
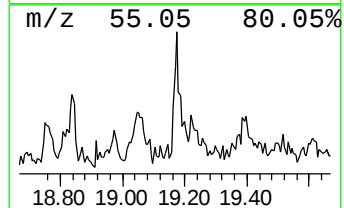
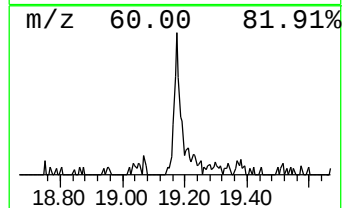
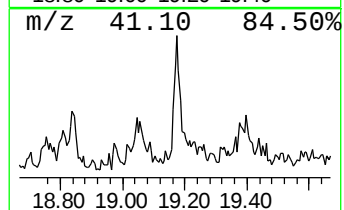
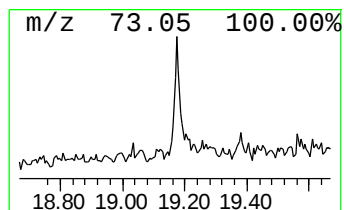
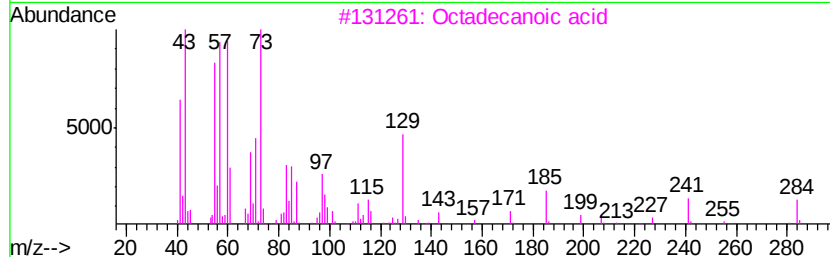
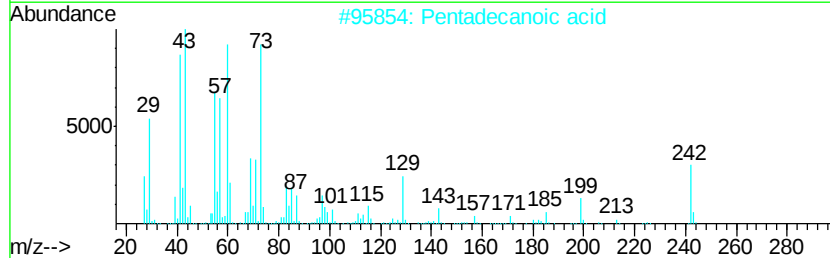
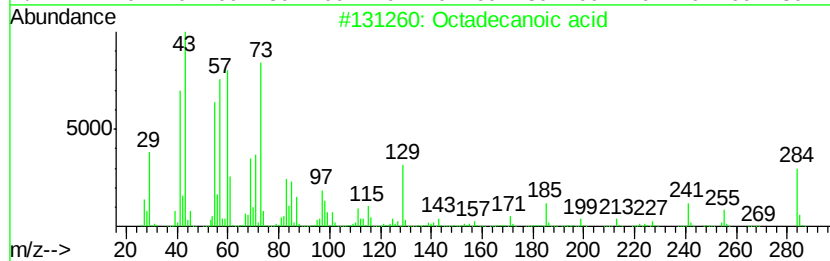
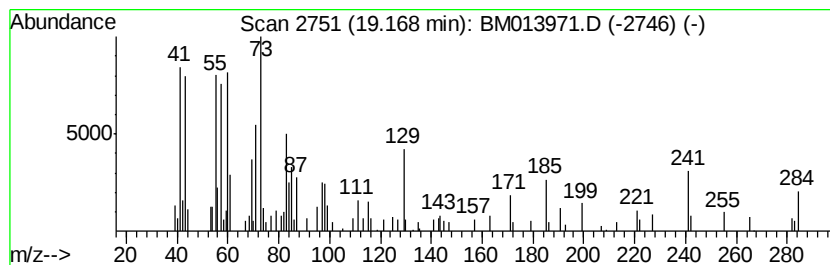
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Peak Number 2 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.17	2.17 ng/ul	207421	Chrysene-d12	21.18

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	89
2			Pentadecanoic acid	242	C15H30O2	001002-84-2	89
3			Octadecanoic acid	284	C18H36O2	000057-11-4	87
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5			Octadecanoic acid	284	C18H36O2	000057-11-4	72



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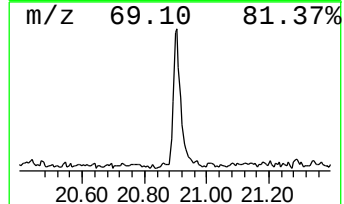
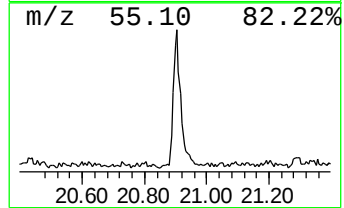
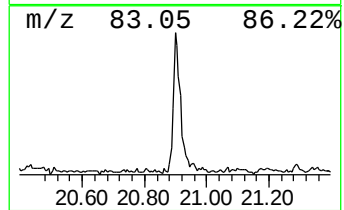
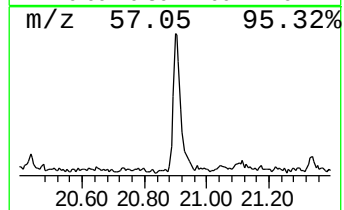
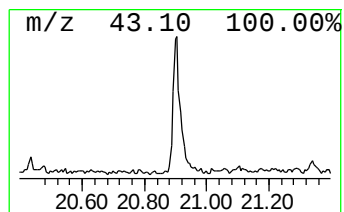
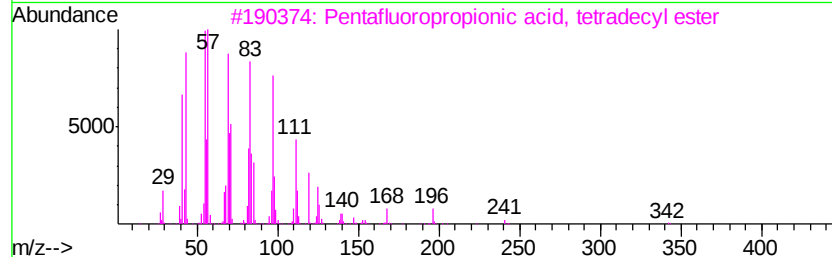
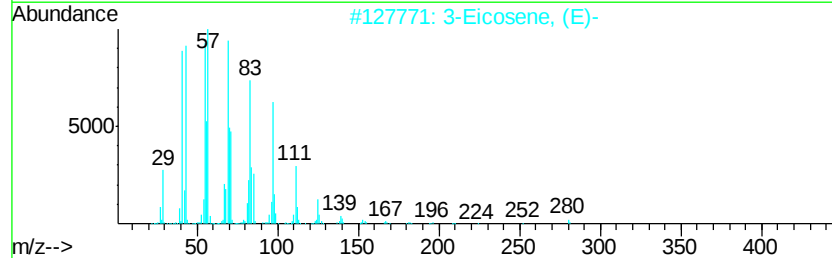
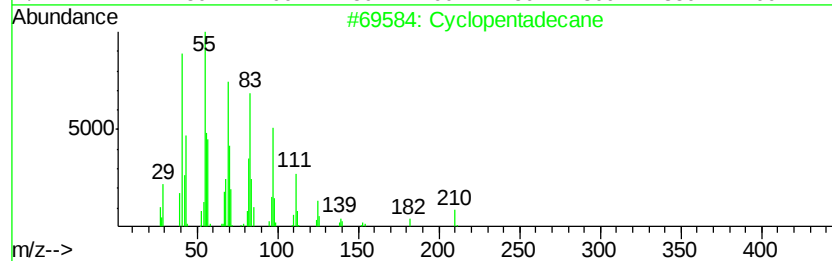
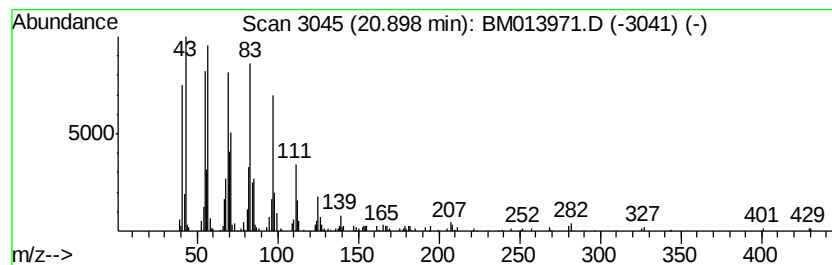
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Peak Number 3 (DEL) Alkane: Cyclic20.90 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.90	7.01 ng/ul	670649	Chrysene-d12	21.18

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentadecane	210	C15H30	000295-48-7	97
2		3-Eicosene, (E)-	280	C20H40	074685-33-9	94
3		Pentafluoropropionic acid, tetra...	360	C17H29F5O2	006222-06-6	94
4		Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	94
5		Behenic alcohol	326	C22H46O	000661-19-8	94



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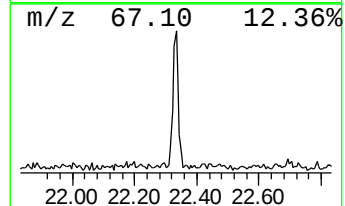
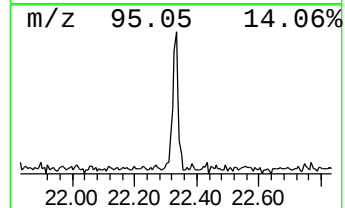
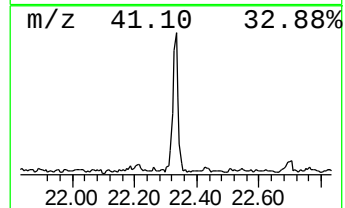
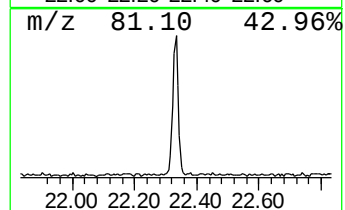
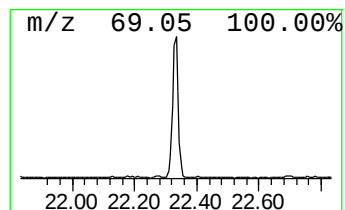
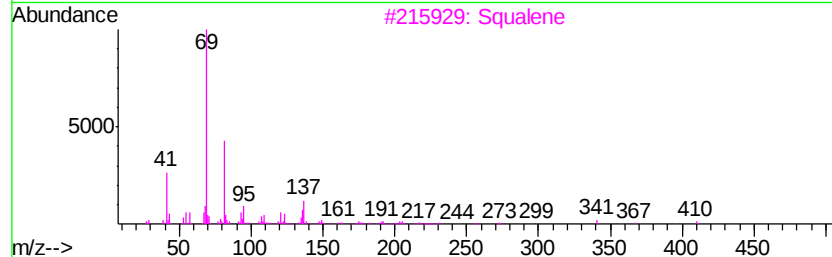
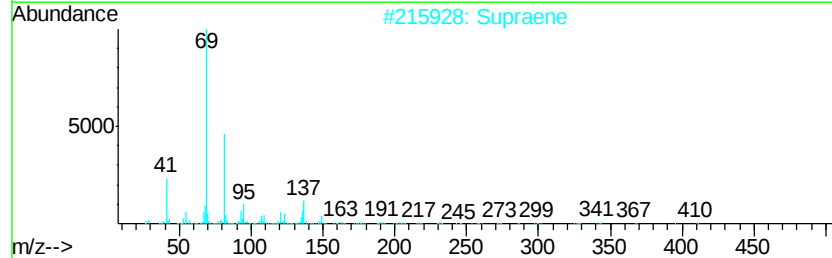
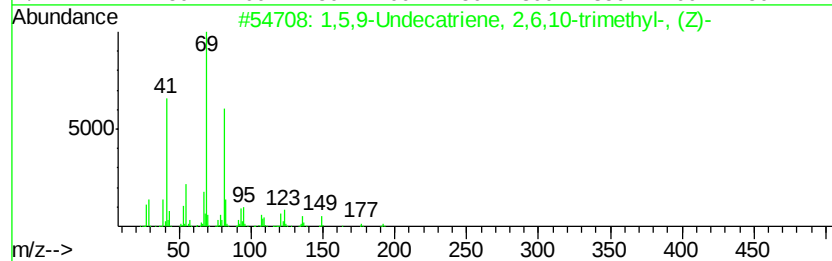
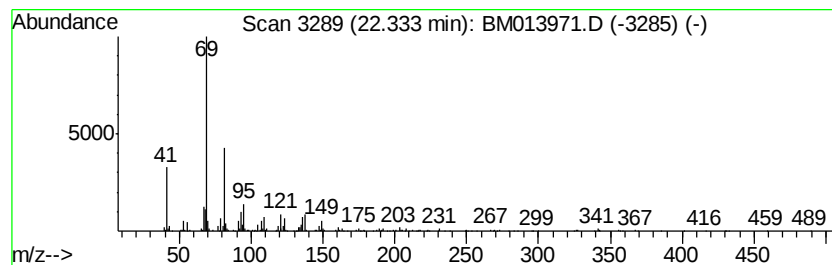
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Peak Number 4 1,5,9-Undecatriene, 2,6,10-... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
22.33	7.11 ng/ul	635922	Perylene-d12	23.36	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,5,9-Undecatriene, 2,6,10-trime...	192	C14H24	062951-96-6	87
2	Supraene	410	C30H50	007683-64-9	83
3	Squalene	410	C30H50	000111-02-4	83
4	Squalene	410	C30H50	000111-02-4	83
5	7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	64



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.89	8.2	ng/ul	605487	4	16.98	1485140	20.0
Octadecanoic acid	19.17	2.2	ng/ul	207421	5	21.18	1912650	20.0
(DEL) Alkane: Cyc...	20.90	7.0	ng/ul	670649	5	21.18	1912650	20.0
1,5,9-Undecatrien...	22.33	7.1	ng/ul	635922	6	23.36	1788920	20.0