

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042817\
Data File : BM009800.D
Acq On : 29 Apr 2017 03:03
Operator : SJ/MA
Sample : I2845-16
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JHSX3

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-BM042517.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	3.310	34	38	45	rVB2	43537	64725	1.34%	0.108%
2	6.993	655	664	677	rVB	1244797	2060159	42.60%	3.448%
3	7.157	686	692	700	rBV	888185	1358620	28.09%	2.274%
4	7.357	719	726	733	rBV	1141092	1851883	38.29%	3.099%
5	7.822	798	805	811	rBV	897106	1437814	29.73%	2.406%
6	8.528	917	925	934	rBV2	1413369	2343435	48.45%	3.922%
7	8.992	996	1004	1013	rBV	1164058	1945572	40.23%	3.256%
8	9.710	1117	1126	1135	rBV	982908	1645218	34.02%	2.753%
9	10.239	1210	1216	1225	rBV	1396470	2403164	49.69%	4.022%
10	10.616	1273	1280	1287	rBV	1217094	2043171	42.25%	3.419%
11	10.763	1298	1305	1318	rBV	1057796	1858998	38.44%	3.111%
12	13.880	1828	1835	1839	rBV	2276660	3182143	65.80%	5.326%
13	13.921	1839	1842	1848	rVB	440703	574181	11.87%	0.961%
14	14.163	1876	1883	1893	rVB	2748718	3934478	81.35%	6.585%
15	14.339	1908	1913	1917	rBV2	74972	99635	2.06%	0.167%
16	14.469	1928	1935	1944	rVB2	1684146	2599582	53.75%	4.351%
17	14.686	1966	1972	1983	rBV	957296	1561958	32.30%	2.614%
18	14.957	2012	2018	2026	rBV9	28382	63975	1.32%	0.107%
19	15.245	2062	2067	2071	rBV2	26997	48873	1.01%	0.082%
20	15.292	2071	2075	2079	rVB	139191	180803	3.74%	0.303%
21	15.463	2098	2104	2111	rBV	3282822	4753804	98.29%	7.956%
22	15.598	2121	2127	2134	rBV	442006	632491	13.08%	1.059%
23	15.698	2136	2144	2149	rVV2	101624	180958	3.74%	0.303%
24	16.157	2217	2222	2230	rBV2	191159	417063	8.62%	0.698%
25	16.951	2352	2357	2360	rBV	100134	132008	2.73%	0.221%
26	16.998	2361	2365	2370	rVB2	107533	151481	3.13%	0.254%
27	17.221	2397	2403	2409	rBV	1965373	2768629	57.25%	4.634%
28	17.321	2409	2420	2426	rVB	3452643	4836427	100.00%	8.094%
29	17.492	2444	2449	2453	rBV8	44648	100911	2.09%	0.169%
30	17.686	2479	2482	2486	rVB	69229	76500	1.58%	0.128%
31	18.092	2547	2551	2558	rBV	313027	485416	10.04%	0.812%
32	19.015	2704	2708	2712	rBV5	79312	108421	2.24%	0.181%
33	19.321	2758	2760	2764	rBV5	60821	61724	1.28%	0.103%
34	19.374	2766	2769	2774	rVV5	90717	123611	2.56%	0.207%

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35	19.615	2804	2810	2816	rBV	3356876	4496561	92.97%	7.525%
36	21.086	3057	3060	3064	rVB	739155	818844	16.93%	1.370%
37	21.403	3109	3114	3119	rBV	1850506	2337644	48.33%	3.912%
38	23.574	3477	3483	3490	rVB2	1887021	3813902	78.86%	6.383%
39	23.715	3503	3507	3515	rVB	1148364	2196215	45.41%	3.676%

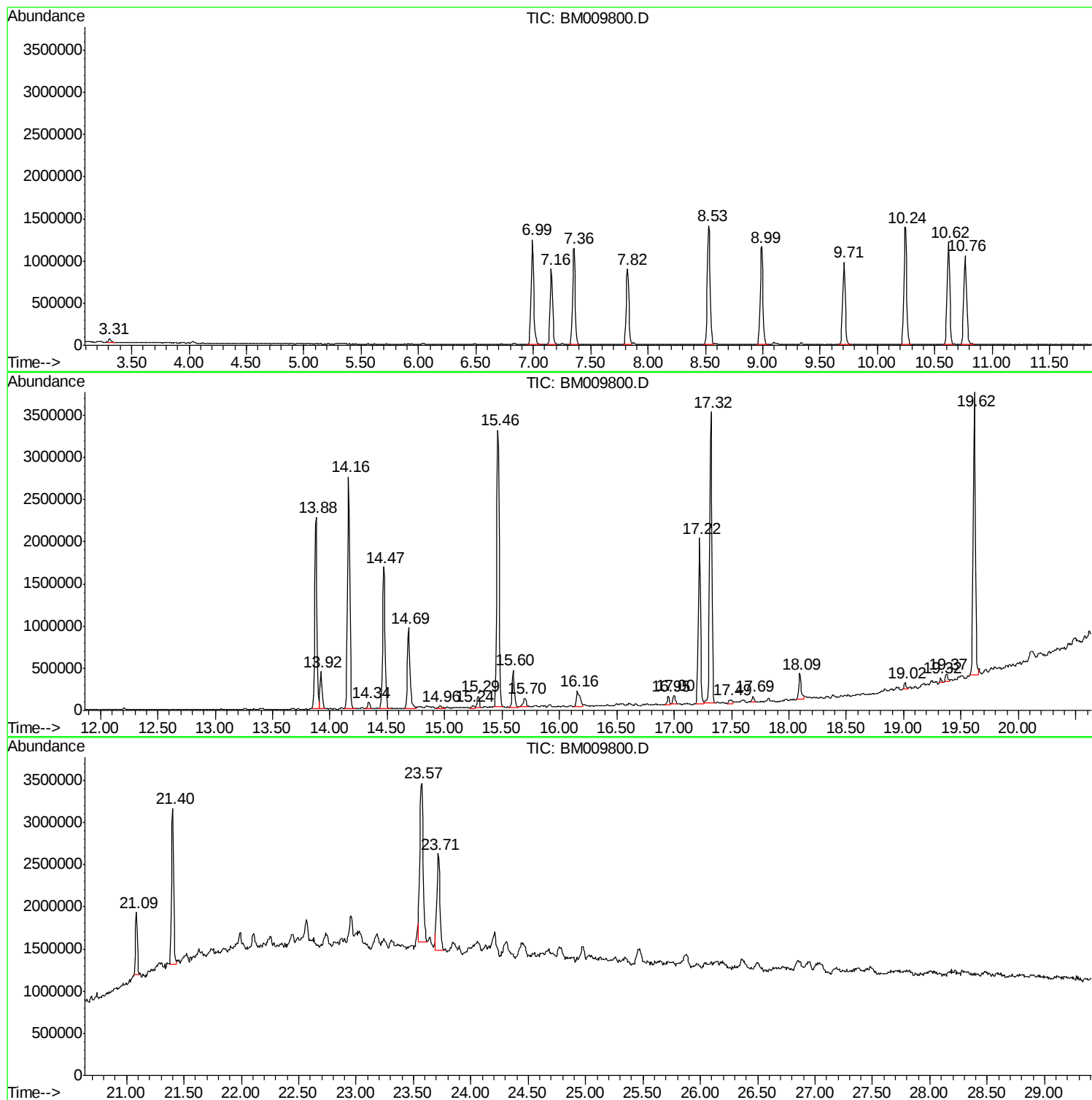
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM042517.M
Quant Title : SVOA CALIBRATION

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



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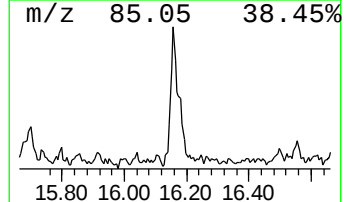
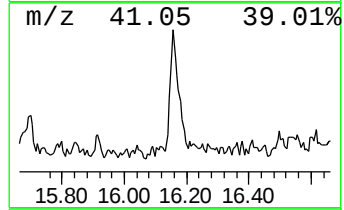
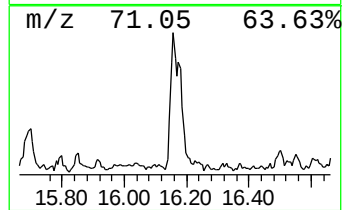
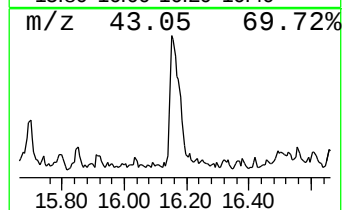
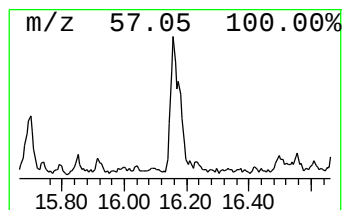
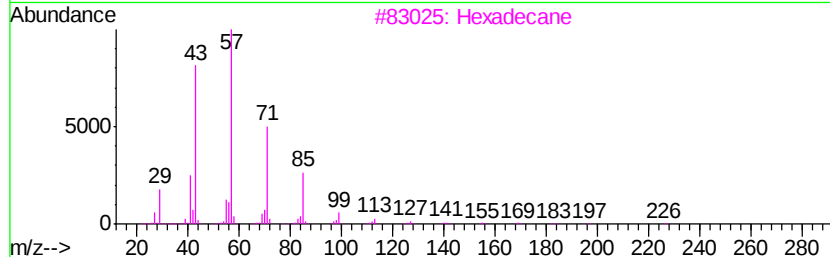
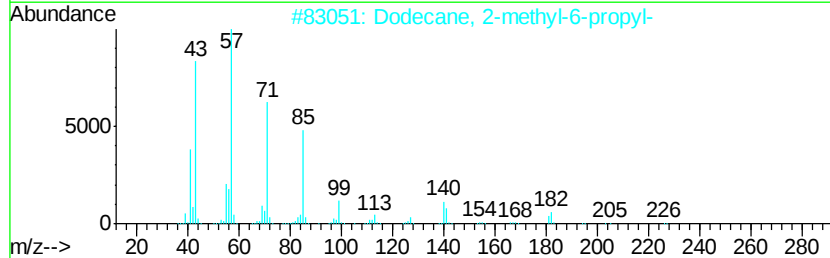
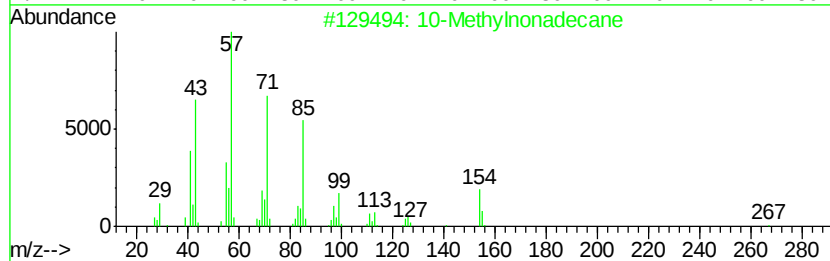
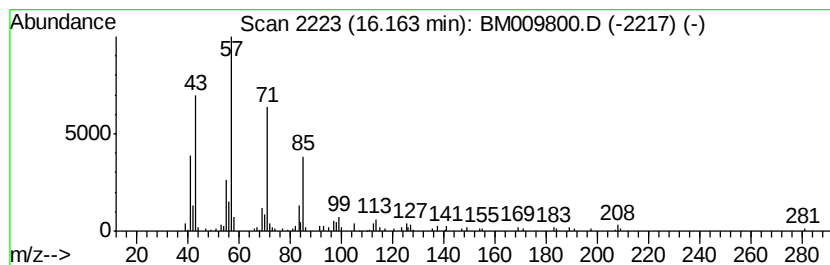
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
16.16	3.01 ng/ul	417063	Phenanthrene-d10	17.22	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10-Methylnonadecane	282	C20H42	056862-62-5	90
2	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86
3	Hexadecane	226	C16H34	000544-76-3	83
4	Tetradecane	198	C14H30	000629-59-4	80
5	Heptacosane	380	C27H56	000593-49-7	72



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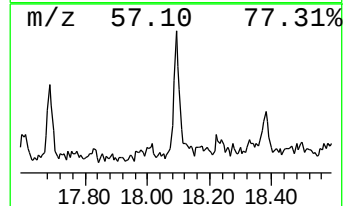
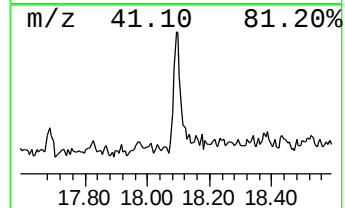
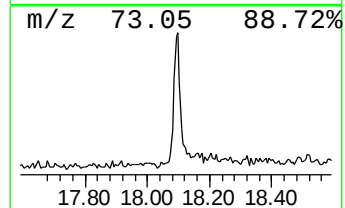
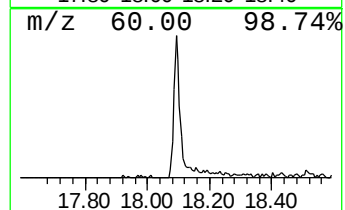
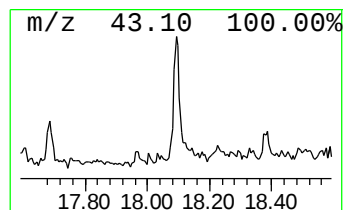
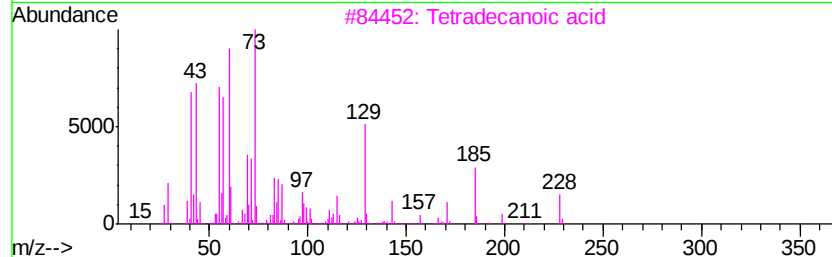
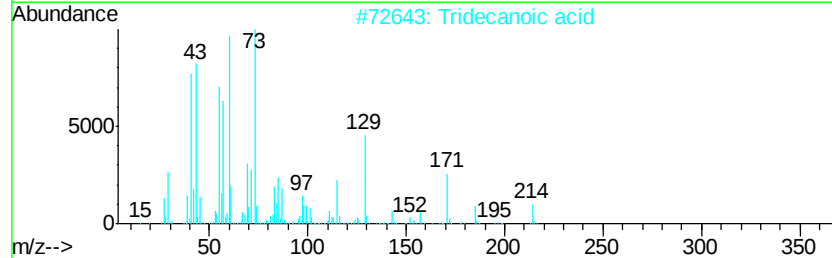
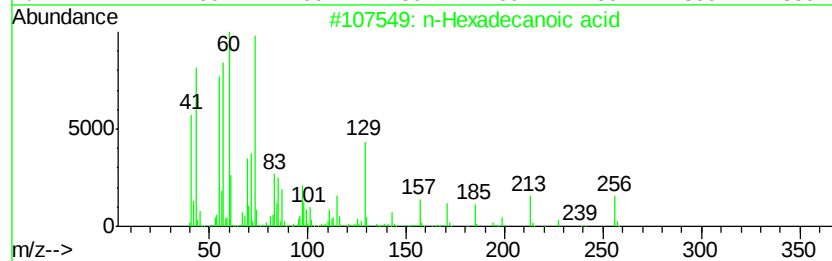
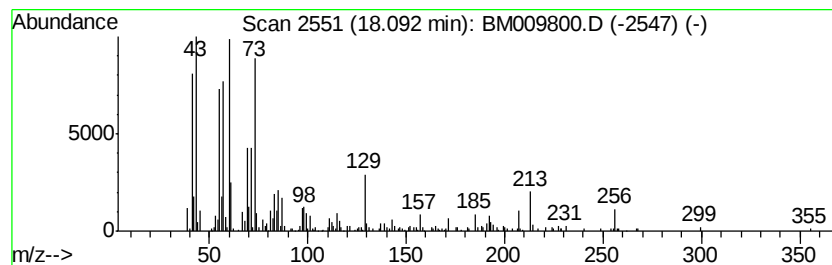
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Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.09	3.51 ng/ul	485416	Phenanthrene-d10	17.22

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97	
2	Tridecanoic acid	214	C13H26O2	000638-53-9	76	
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	72	
4	Undecanoic acid	186	C11H22O2	000112-37-8	64	
5	Undecanoic acid	186	C11H22O2	000112-37-8	64	



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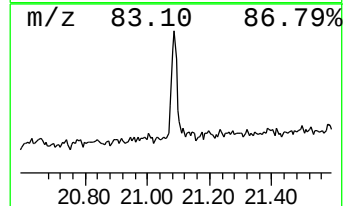
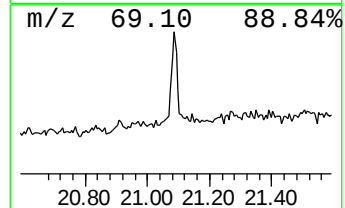
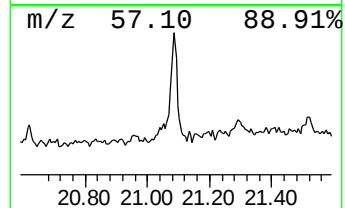
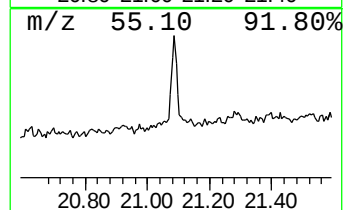
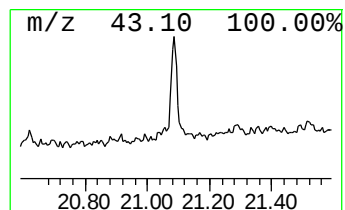
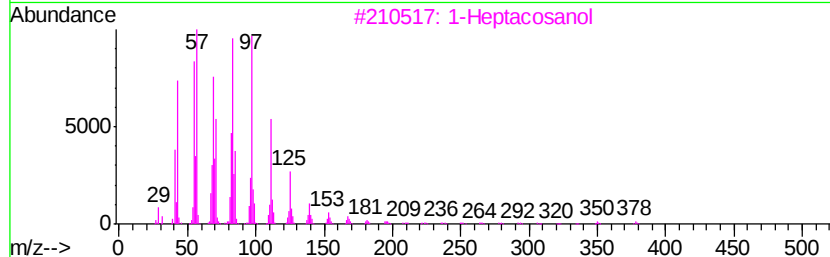
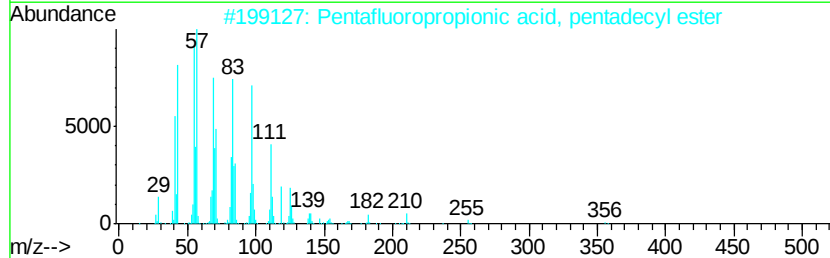
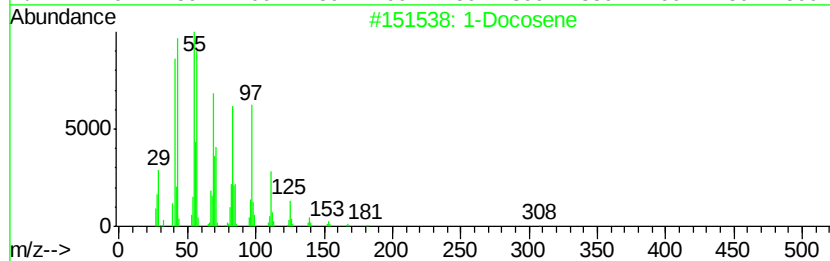
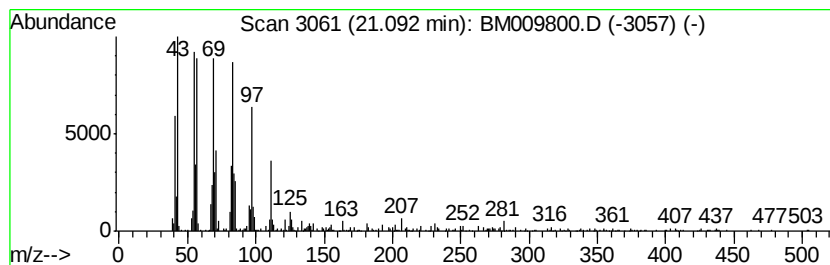
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Peak Number 3 (DEL) Alkane: Cyclic21.09 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.09	7.01 ng/ul	818844	Chrysene-d12	21.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Docosene	308	C22H44	001599-67-3	95
2		Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	91
3		1-Heptacosanol	396	C27H56O	002004-39-9	91
4		Behenic alcohol	326	C22H46O	000661-19-8	91
5		1-Heneicosanol	312	C21H44O	015594-90-8	91



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(DEL) Alkane: Str...	16.16	3.0	ng/ul	417063	4	17.22	2768630	20.0
n-Hexadecanoic acid	18.09	3.5	ng/ul	485416	4	17.22	2768630	20.0
(DEL) Alkane: Cyc...	21.09	7.0	ng/ul	818844	5	21.40	2337640	20.0