

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012218\
 Data File : BM013708.D
 Acq On : 22 Jan 2018 23:35
 Operator : SJ/JU
 Sample : J1174-02
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F6A01

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	3.157	26	29	34	rVB3	21492	28191	1.07%	0.099%
2	4.775	299	304	310	rVB3	23665	38504	1.46%	0.135%
3	6.792	641	647	660	rVB2	393900	720225	27.37%	2.524%
4	6.957	669	675	684	rVB	302613	473911	18.01%	1.661%
5	7.145	701	707	716	rBV	426720	669581	25.44%	2.346%
6	7.239	719	723	730	rBV2	16597	33707	1.28%	0.118%
7	7.610	779	786	794	rBV	547639	862864	32.79%	3.024%
8	8.322	901	907	917	rBV	409762	702777	26.70%	2.463%
9	8.763	974	982	994	rVB	391803	683423	25.97%	2.395%
10	9.163	1045	1050	1057	rVB4	22962	36265	1.38%	0.127%
11	9.480	1097	1104	1115	rBV2	330843	582675	22.14%	2.042%
12	10.016	1188	1195	1205	rBV	467847	827574	31.45%	2.900%
13	10.386	1250	1258	1266	rBV	673167	1109550	42.16%	3.888%
14	10.533	1275	1283	1298	rBV	361800	701252	26.65%	2.457%
15	13.674	1811	1817	1822	rBV	845140	1220426	46.37%	4.277%
16	13.727	1822	1826	1833	rVB	251117	379535	14.42%	1.330%
17	13.951	1857	1864	1873	rBV	974947	1424861	54.14%	4.993%
18	14.168	1896	1901	1905	rBV	42028	54197	2.06%	0.190%
19	14.262	1908	1917	1927	rBV2	905796	1402231	53.28%	4.914%
20	14.492	1950	1956	1972	rBV	202126	464680	17.66%	1.628%
21	15.121	2058	2063	2068	rVB3	49253	65399	2.48%	0.229%
22	15.257	2080	2086	2097	rVB	1225092	1731227	65.78%	6.066%
23	15.398	2105	2110	2119	rBV2	299868	470586	17.88%	1.649%
24	15.504	2123	2128	2131	rBV6	16395	28984	1.10%	0.102%
25	15.986	2206	2210	2218	rBV2	45429	72669	2.76%	0.255%
26	16.780	2338	2345	2350	rBV4	27700	41229	1.57%	0.144%
27	17.009	2378	2384	2391	rBV2	1152199	1655766	62.91%	5.802%
28	17.109	2395	2401	2409	rBV	1311610	1936429	73.58%	6.786%
29	17.915	2533	2538	2548	rBV2	118936	188005	7.14%	0.659%
30	19.056	2728	2732	2735	rBV4	25576	36231	1.38%	0.127%
31	19.203	2753	2757	2763	rBV3	68181	101085	3.84%	0.354%
32	19.415	2787	2793	2801	rBV	1734842	2326209	88.39%	8.151%
33	19.756	2847	2851	2856	rBV2	35717	45879	1.74%	0.161%
34	20.933	3047	3051	3057	rBV3	125743	173845	6.61%	0.609%

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35	21.209	3093	3098	3105	rBV	1631533	2057798	78.19%	7.211%
36	22.744	3355	3359	3364	rVB	162536	208420	7.92%	0.730%
37	23.268	3441	3448	3459	rVB2	1376713	2631763	100.00%	9.222%
38	23.409	3466	3472	3481	rVB	1108795	2027817	77.05%	7.106%
39	23.921	3555	3559	3565	rVB3	187633	321795	12.23%	1.128%

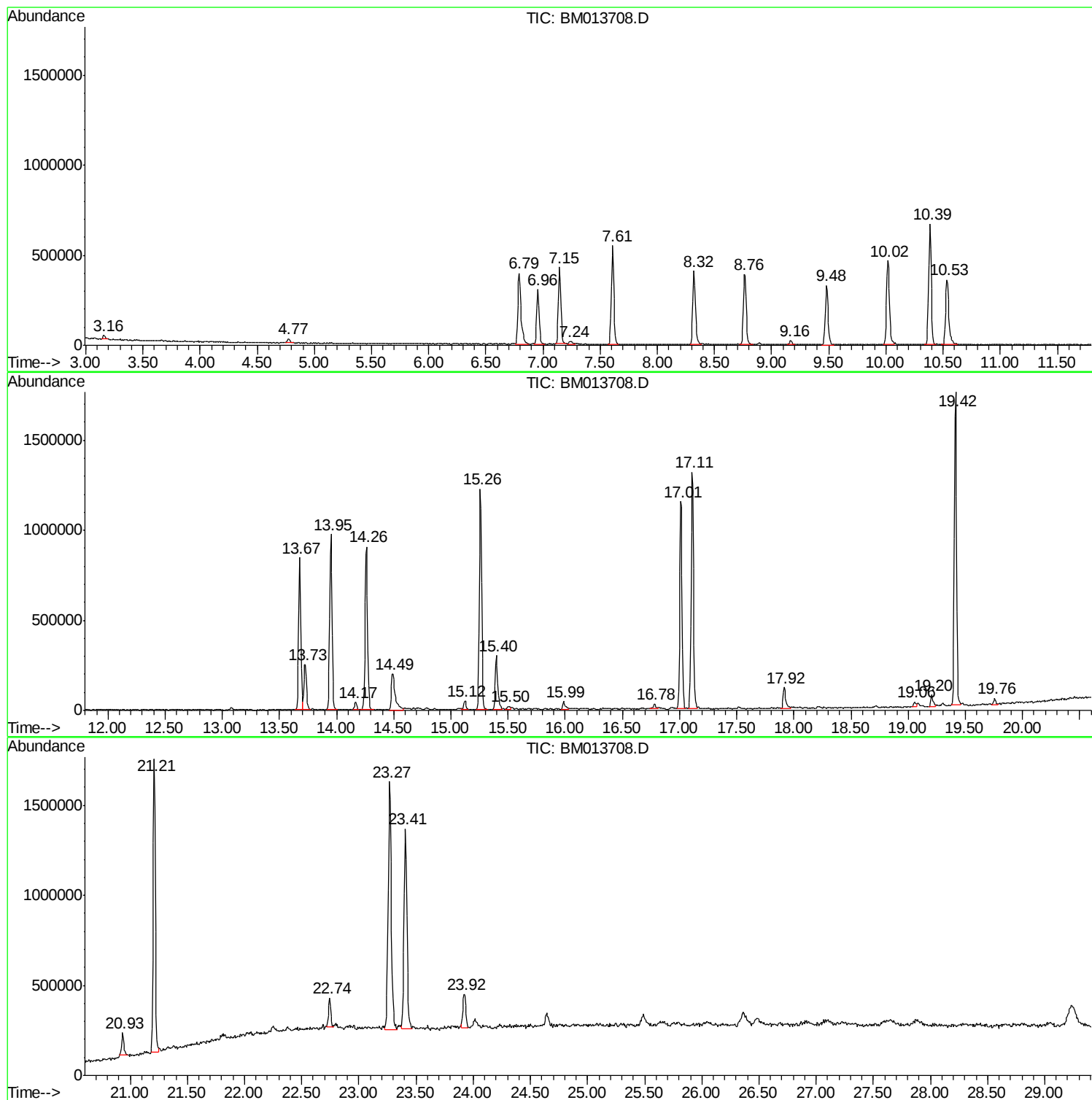
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

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



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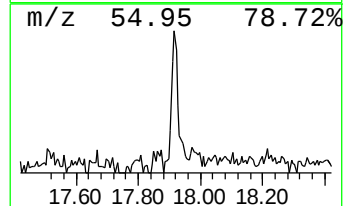
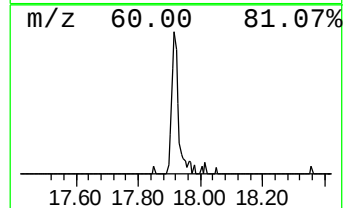
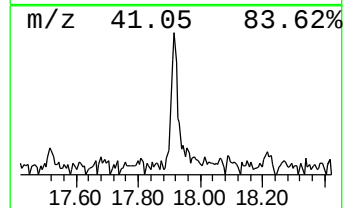
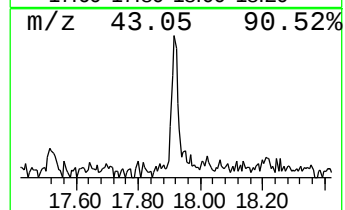
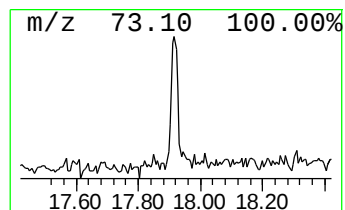
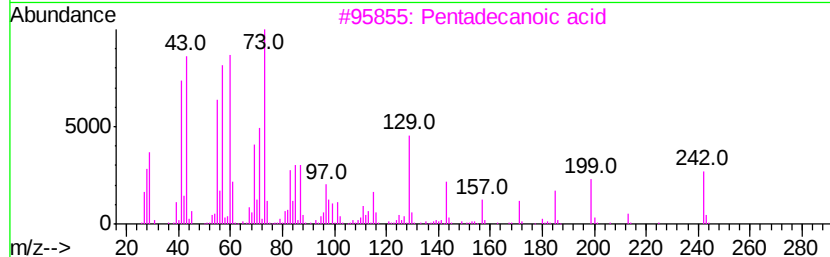
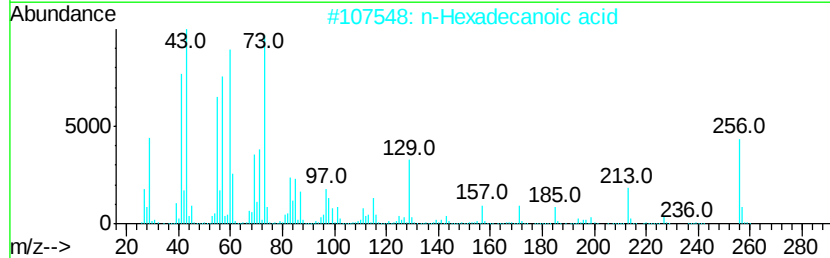
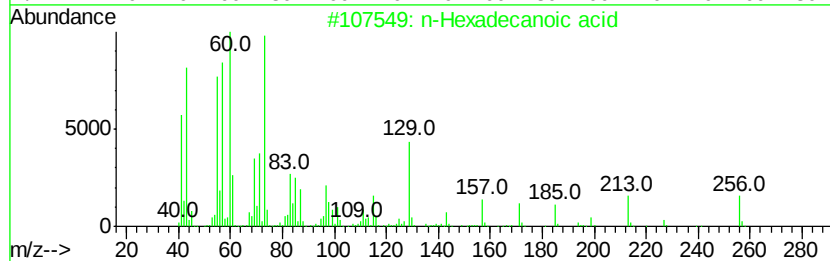
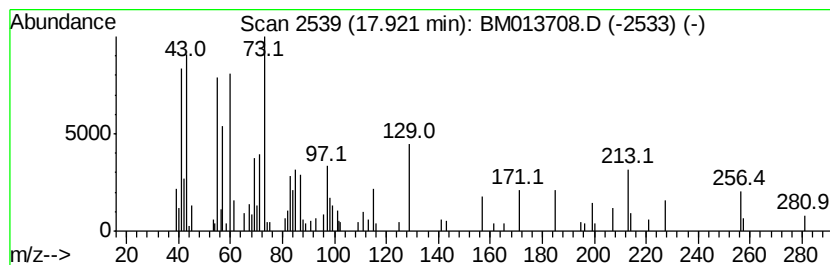
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Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.		
17.92	2.27 ng/ul	188005	Phenanthrene-d10	17.01		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98	
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95	
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	64	
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	59	
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	50	



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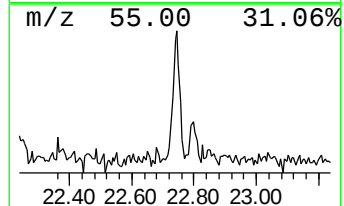
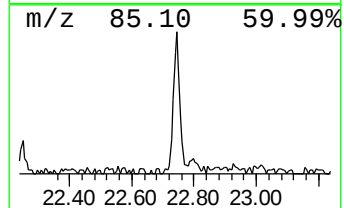
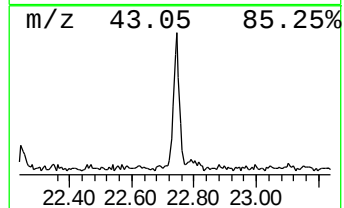
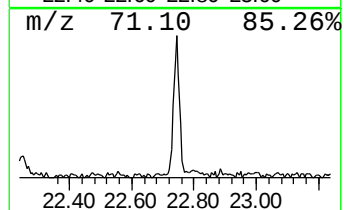
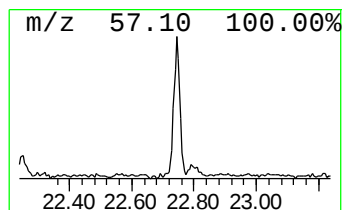
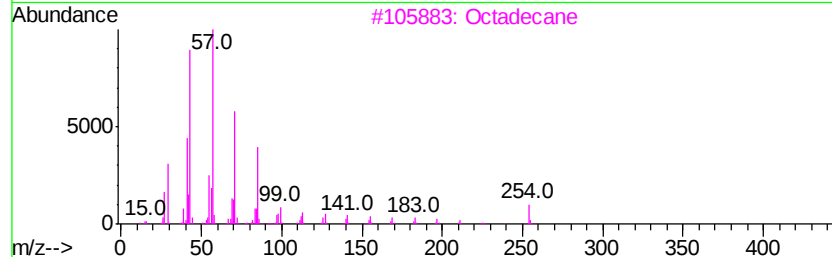
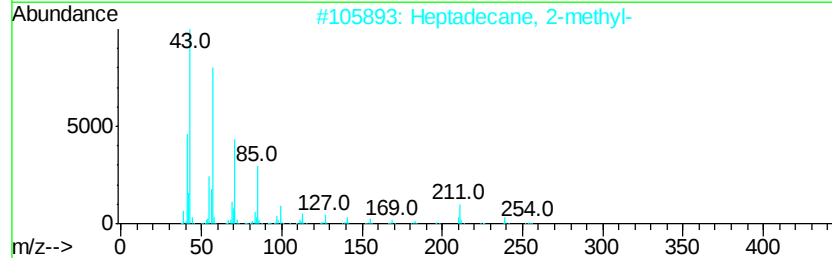
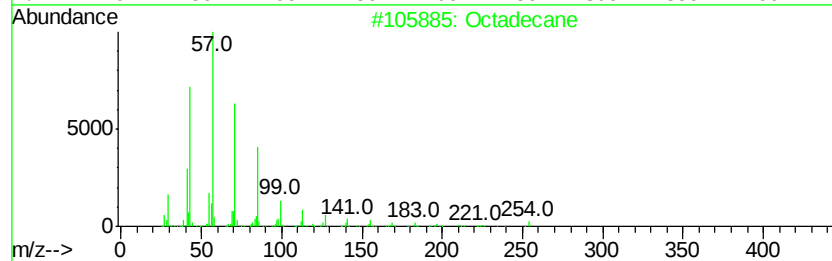
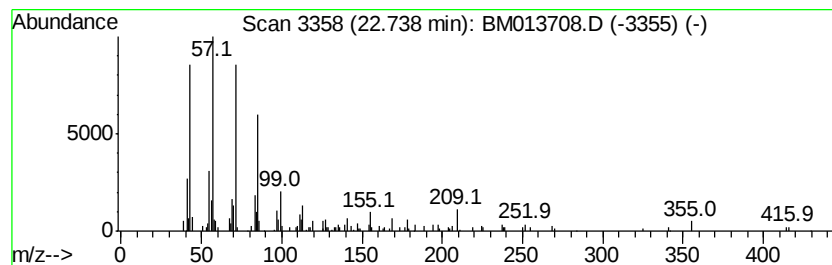
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Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.74	2.06 ng/ul	208420	Perylene-d12	23.41

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecane	254	C18H38	000593-45-3	93
2			Heptadecane, 2-methyl-	254	C18H38	001560-89-0	90
3			Octadecane	254	C18H38	000593-45-3	87
4			Octacosane	394	C28H58	000630-02-4	87
5			triacontane	422	C30H62	000638-68-6	87



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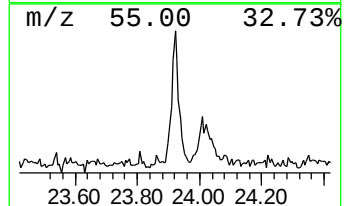
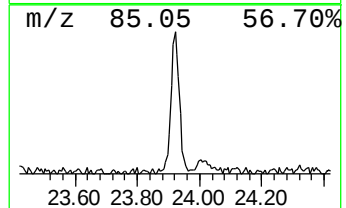
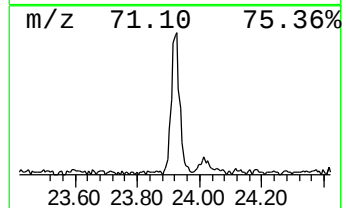
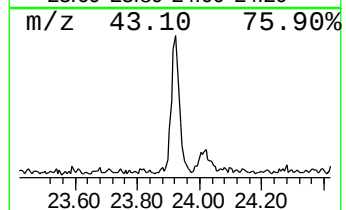
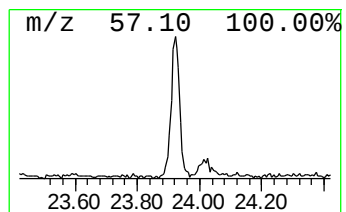
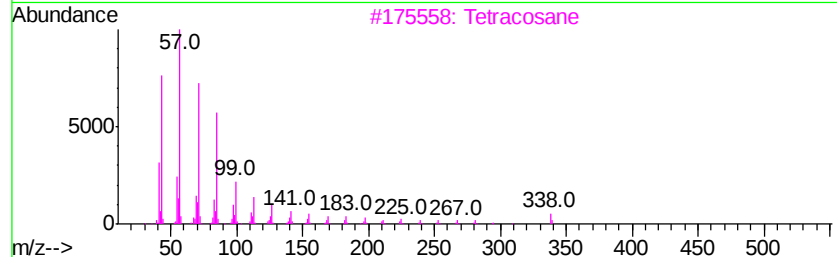
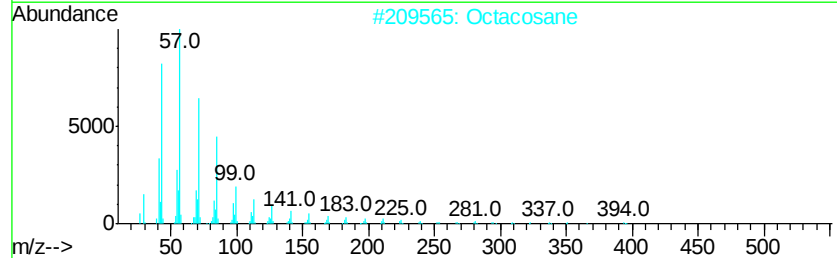
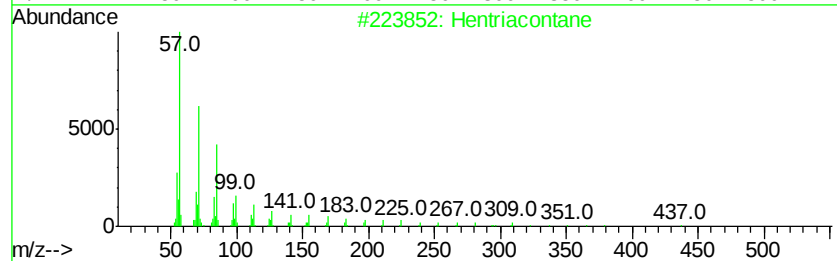
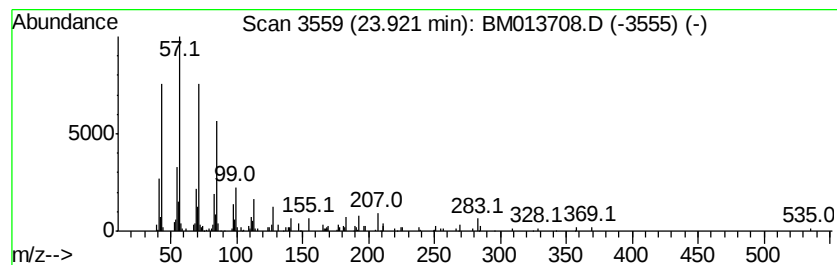
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.92	3.17 ng/ul	321795	Perylene-d12	23.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hentriacontane	437	C31H64	000630-04-6	90
2		Octacosane	394	C28H58	000630-02-4	87
3		Tetracosane	338	C24H50	000646-31-1	87
4		Pentacosane	352	C25H52	000629-99-2	87
5		Eicosane, 7-hexyl-	366	C26H54	055333-99-8	87



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.92	2.3	ng/ul	188005	4	17.01	1655770	20.0
(DEL) Alkane: Str...	22.74	2.1	ng/ul	208420	6	23.41	2027820	20.0
(DEL) Alkane: Str...	23.92	3.2	ng/ul	321795	6	23.41	2027820	20.0