

Data Path : Z:\HPCHEM1\BNA M\DATA\BM100917\
 Data File : BM012037.D
 Acq On : 10 Oct 2017 05:53
 Operator : SJ/JU
 Sample : I5522-12
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AE1

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-BM100317.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	7.004	660	666	681	rBV	764796	1374716	10.78%	1.826%
2	7.175	688	695	708	rVB	588574	992499	7.78%	1.318%
3	7.375	722	729	742	rBV	832247	1418083	11.12%	1.884%
4	7.845	801	809	823	rBV	796707	1364831	10.70%	1.813%
5	8.551	921	929	941	rBV	1079380	1895476	14.86%	2.518%
6	9.010	1000	1007	1021	rBV	777070	1376814	10.79%	1.829%
7	9.733	1122	1130	1147	rBV	668922	1212821	9.51%	1.611%
8	10.269	1214	1221	1239	rBV	1063686	1919813	15.05%	2.550%
9	10.645	1277	1285	1294	rBV	1187554	2034258	15.95%	2.702%
10	10.786	1302	1309	1324	rBV	667124	1326548	10.40%	1.762%
11	13.898	1831	1838	1843	rBV	2148797	3067612	24.05%	4.075%
12	13.939	1843	1845	1852	rVB	147871	214752	1.68%	0.285%
13	14.186	1880	1887	1902	rBV	2340928	3438146	26.95%	4.567%
14	14.492	1932	1939	1949	rBV2	1877865	2871142	22.51%	3.814%
15	14.692	1967	1973	1993	rBV	699259	1477261	11.58%	1.962%
16	15.486	2101	2108	2116	rBV	3124368	4341491	34.03%	5.767%
17	15.610	2123	2129	2141	rBV	995583	1447107	11.34%	1.922%
18	17.233	2399	2405	2415	rBV2	2516077	3694228	28.96%	4.907%
19	17.333	2416	2422	2438	rVV	3567512	5289538	41.46%	7.027%
20	18.109	2549	2554	2564	rBV	166419	271027	2.12%	0.360%
21	19.392	2767	2772	2782	rBV	316651	553383	4.34%	0.735%
22	19.627	2806	2812	2821	rBV	5702244	7461625	58.49%	9.912%
23	21.409	3110	3115	3127	rBV	3760951	5172252	40.54%	6.871%
24	22.456	3291	3293	3298	rVB2	256103	327116	2.56%	0.435%
25	23.580	3477	3484	3500	rVB2	6157053	12757021	100.00%	16.947%
26	23.727	3503	3509	3520	rVB2	2540936	4964994	38.92%	6.596%
27	24.244	3592	3597	3605	rVB	690256	1377812	10.80%	1.830%
28	25.021	3725	3729	3739	rVB	744502	1635554	12.82%	2.173%

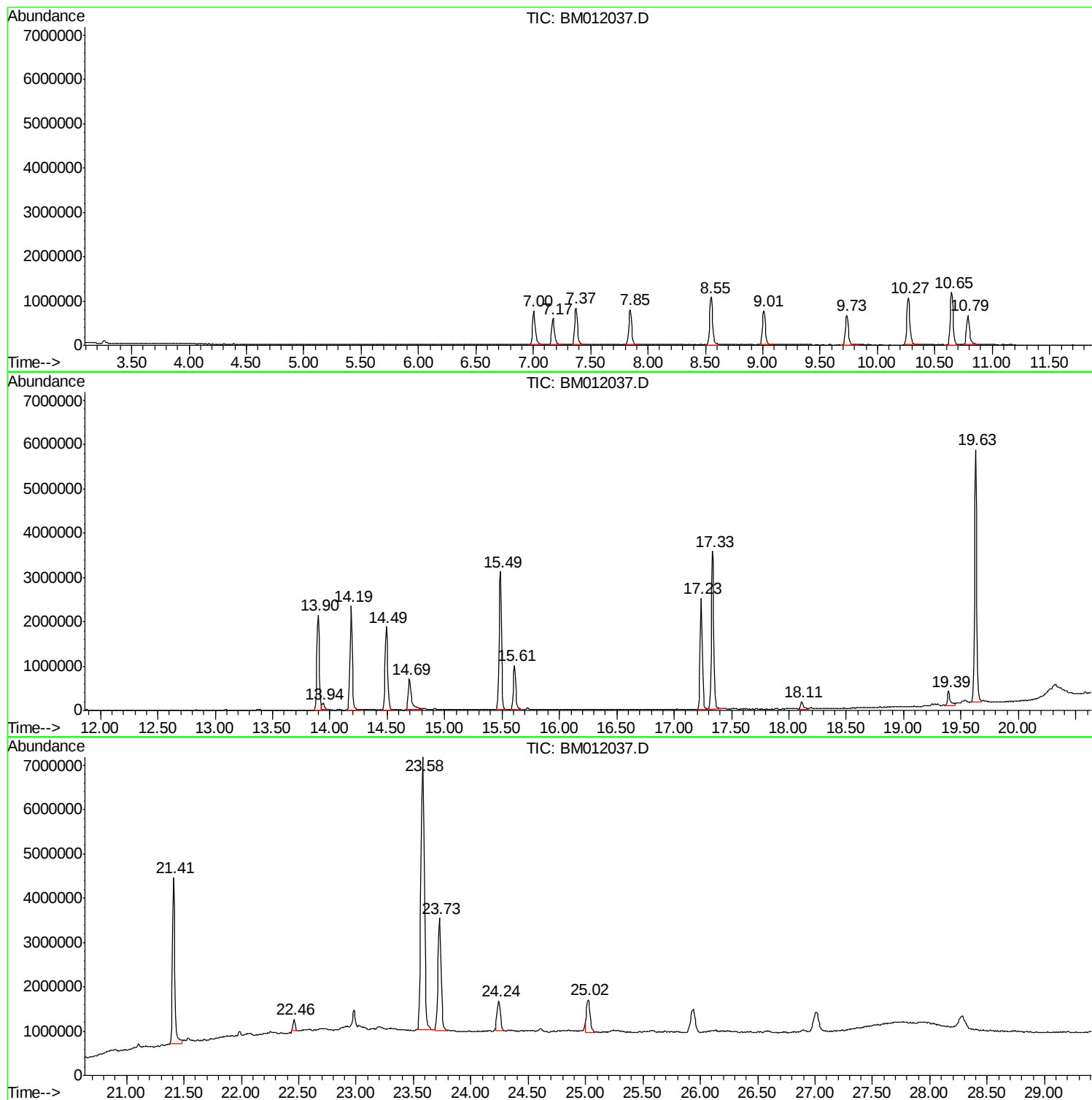
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM100317.M
Quant Title : SVOA CALIBRATION

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



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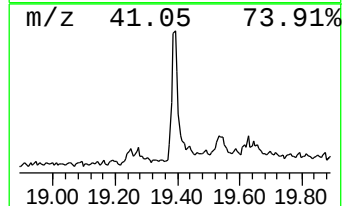
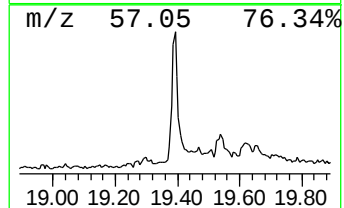
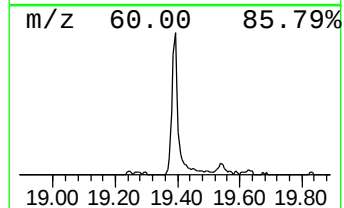
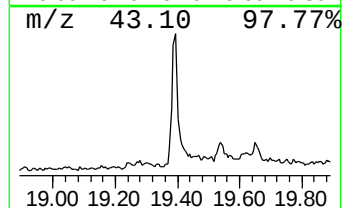
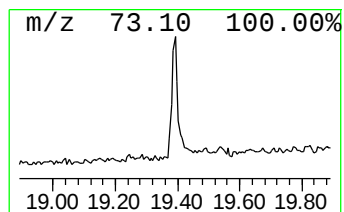
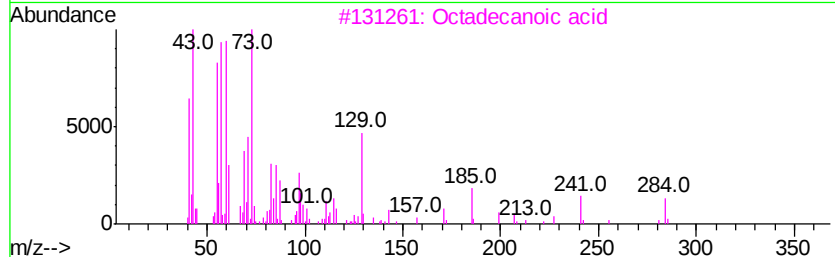
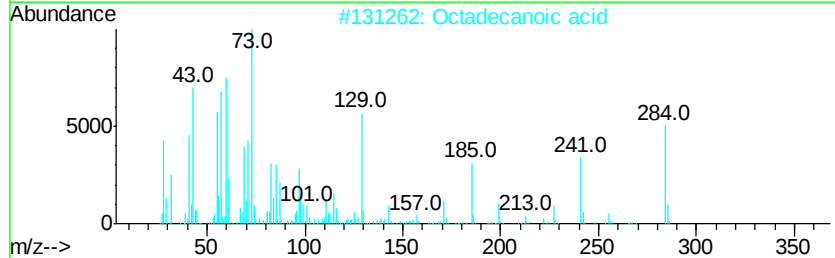
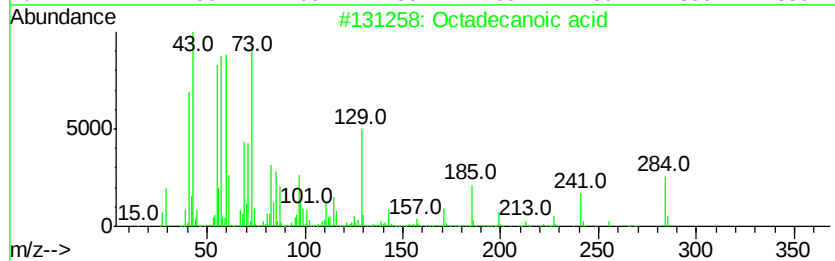
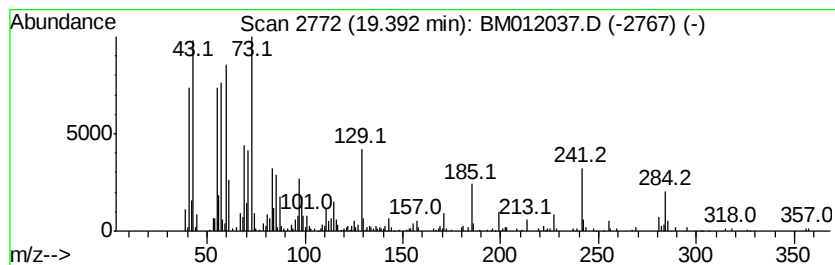
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TIC Integration Parameters: LSCINT.P

Peak Number 1 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.		
19.39	2.14 ng/ul	553383	Chrysene-d12	21.41		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99	
2	Octadecanoic acid	284	C18H36O2	000057-11-4	99	
3	Octadecanoic acid	284	C18H36O2	000057-11-4	99	
4	Octadecanoic acid	284	C18H36O2	000057-11-4	96	
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	81	



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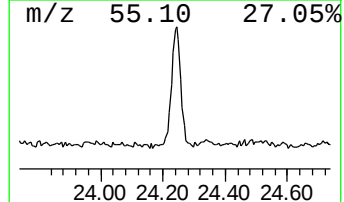
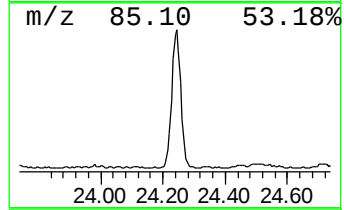
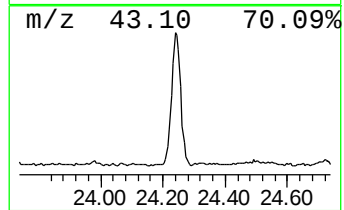
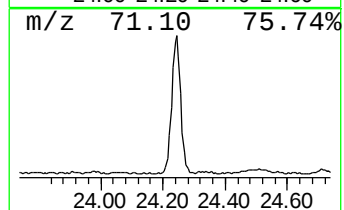
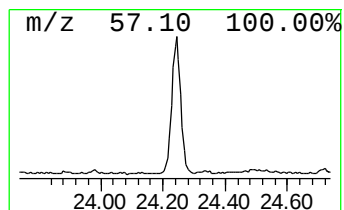
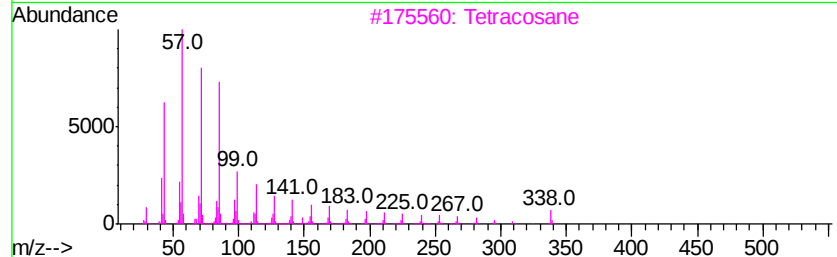
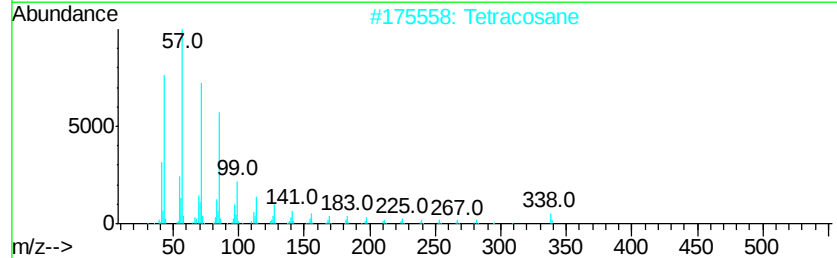
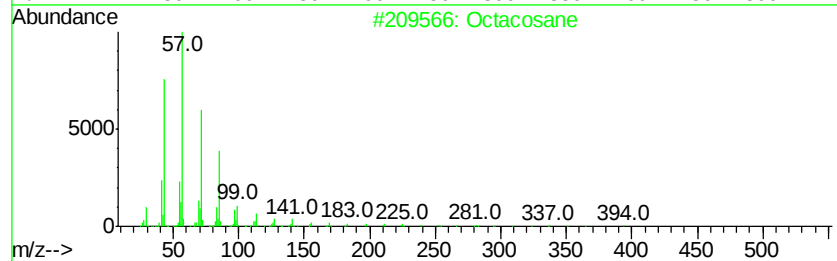
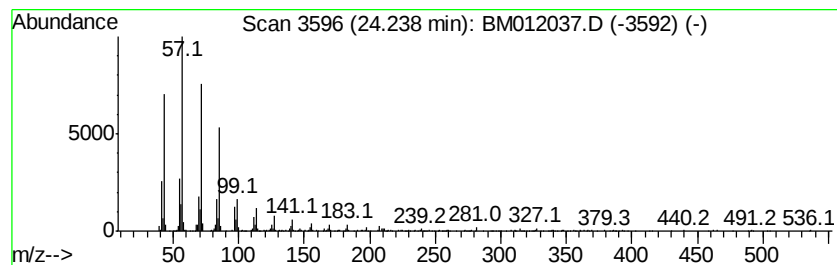
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Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.24	5.55 ng/ul	1377810	Perylene-d12	23.73

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octacosane	394	C28H58	000630-02-4	98
2			Tetracosane	338	C24H50	000646-31-1	98
3			Tetracosane	338	C24H50	000646-31-1	97
4			Tetratetracontane	619	C44H90	007098-22-8	95
5			Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	94



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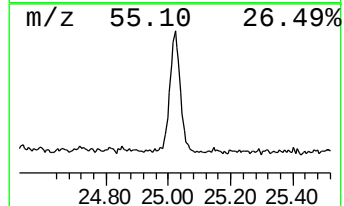
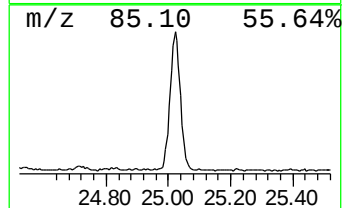
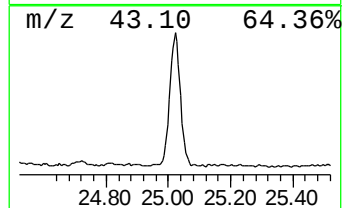
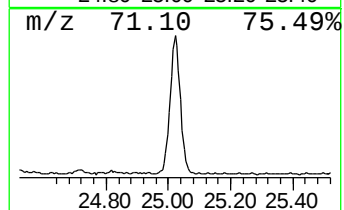
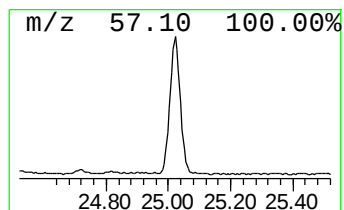
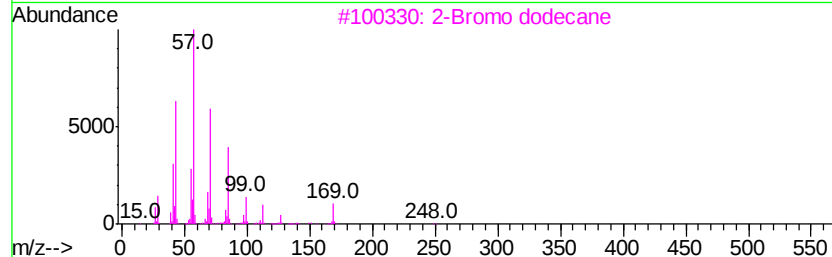
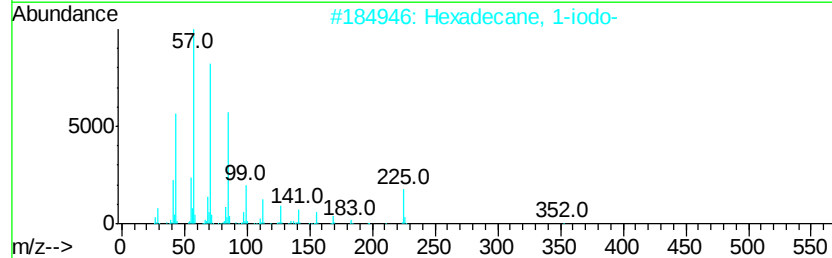
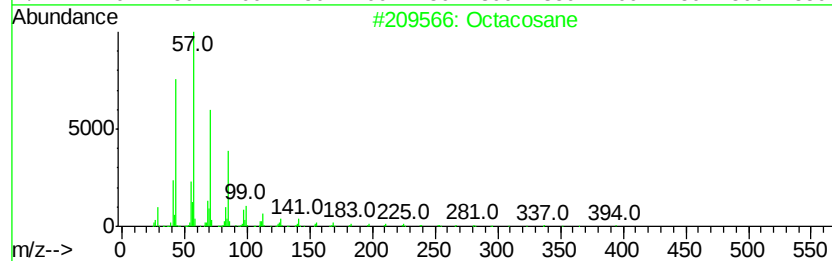
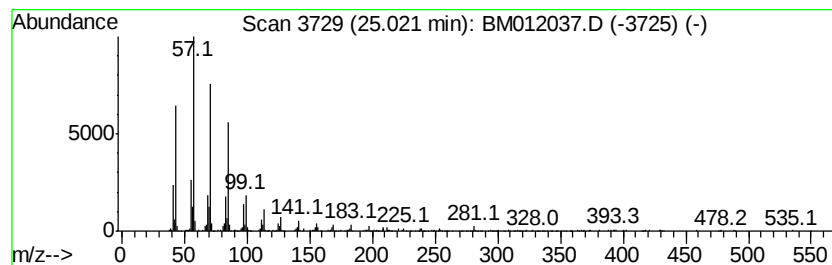
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.02	6.59 ng/ul	1635550	Perylene-d12	23.73

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octacosane	394	C28H58	000630-02-4	96
2			Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	95
3			2-Bromo dodecane	248	C12H25Br	013187-99-0	93
4			triacontane	422	C30H62	000638-68-6	91
5			Heneicosane	296	C21H44	000629-94-7	91



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Octadecanoic acid	19.39	2.1	ng/ul	553383	5	21.41	5172250	20.0
(DEL) Alkane: Str...	24.24	5.5	ng/ul	1377810	6	23.73	4964990	20.0
(DEL) Alkane: Str...	25.02	6.6	ng/ul	1635550	6	23.73	4964990	20.0