

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM060117\
 Data File : BM010355.D
 Acq On : 01 Jun 2017 15:00
 Operator : SJ/MA
 Sample : I3163-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JHSE7

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-BM052717.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	7.104	676	683	699	rBV	997666	1662277	23.57%	2.168%
2	7.263	703	710	719	rBV	743212	1169584	16.59%	1.526%
3	7.457	735	743	754	rBV	1206153	1889260	26.79%	2.464%
4	7.916	814	821	829	rBV	1242124	2022972	28.69%	2.639%
5	8.645	938	945	959	rVB	1090972	1844285	26.15%	2.406%
6	9.104	1015	1023	1031	rBV	1015133	1693138	24.01%	2.208%
7	9.816	1137	1144	1153	rBV	915356	1565434	22.20%	2.042%
8	10.351	1226	1235	1248	rBV	1396265	2451324	34.76%	3.197%
9	10.722	1290	1298	1307	rVB	1485725	2503708	35.50%	3.266%
10	10.892	1319	1327	1338	rBV	370199	716148	10.16%	0.934%
11	13.969	1842	1850	1855	rBV	2519853	3470614	49.22%	4.527%
12	14.016	1855	1858	1863	rVB	421919	561827	7.97%	0.733%
13	14.251	1892	1898	1907	rBV	2632121	3927539	55.70%	5.123%
14	14.557	1942	1950	1959	rVB2	2106969	3337250	47.33%	4.353%
15	14.792	1983	1990	2006	rBV	548574	1088619	15.44%	1.420%
16	15.333	2079	2082	2087	rVB5	83366	108974	1.55%	0.142%
17	15.545	2111	2118	2125	rBV	3578585	4954022	70.25%	6.462%
18	15.669	2132	2139	2146	rBV	865189	1240318	17.59%	1.618%
19	15.780	2154	2158	2164	rVB4	46373	76436	1.08%	0.100%
20	16.198	2223	2229	2241	rBV5	120817	316220	4.48%	0.412%
21	17.304	2409	2417	2427	rBV	2716975	4022812	57.05%	5.247%
22	17.398	2427	2433	2441	rBV2	3746308	5301343	75.18%	6.915%
23	18.145	2556	2560	2569	rBV2	430485	626208	8.88%	0.817%
24	18.457	2608	2613	2617	rBV4	196605	282273	4.00%	0.368%
25	19.415	2772	2776	2779	rBV5	178600	246589	3.50%	0.322%
26	19.621	2808	2811	2815	rVB4	67863	82834	1.17%	0.108%
27	19.686	2817	2822	2827	rBV	4763376	6517255	92.42%	8.501%
28	20.151	2898	2901	2905	rBV2	169841	196869	2.79%	0.257%
29	20.645	2983	2985	2989	rBV3	166264	187081	2.65%	0.244%
30	21.109	3061	3064	3066	rBV2	345883	452205	6.41%	0.590%
31	21.462	3120	3124	3129	rVB	4284142	5193909	73.65%	6.775%
32	21.986	3206	3213	3215	rBV2	1920767	3662239	51.93%	4.777%
33	22.974	3378	3381	3387	rVB3	548660	726247	10.30%	0.947%
34	23.656	3492	3497	3505	rVB2	3726697	7051768	100.00%	9.198%

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35	23.809	3518	3523	3531	rVB	2851030	5517483	78.24%	7.197%
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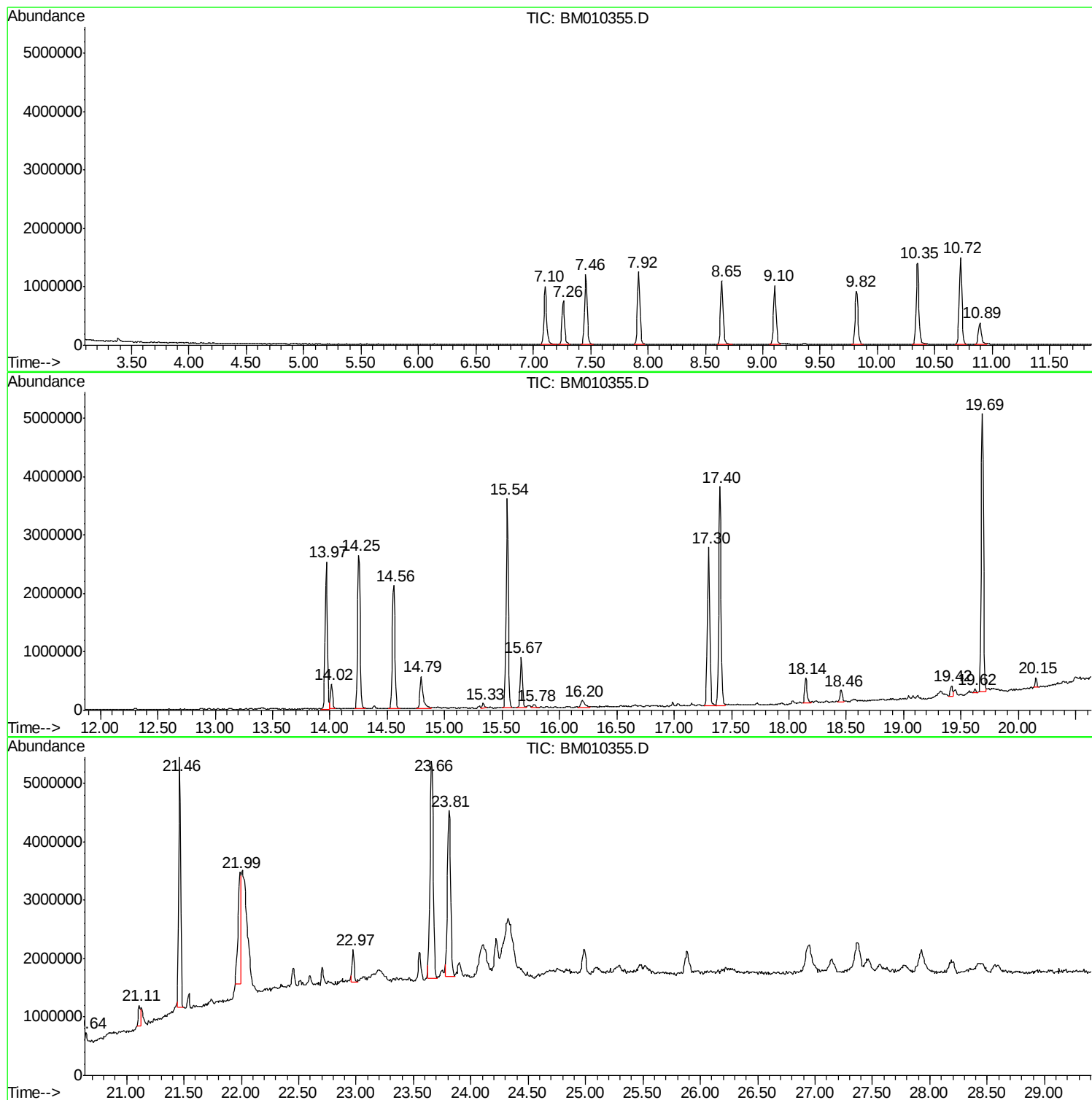
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION

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



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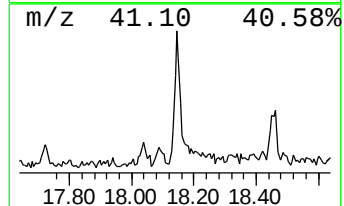
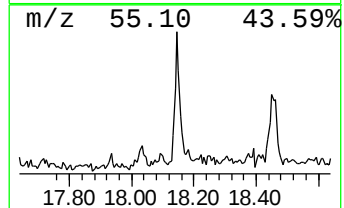
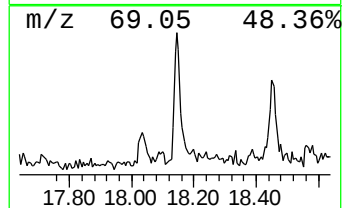
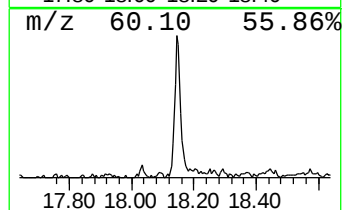
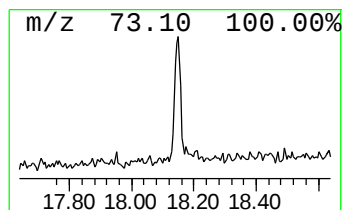
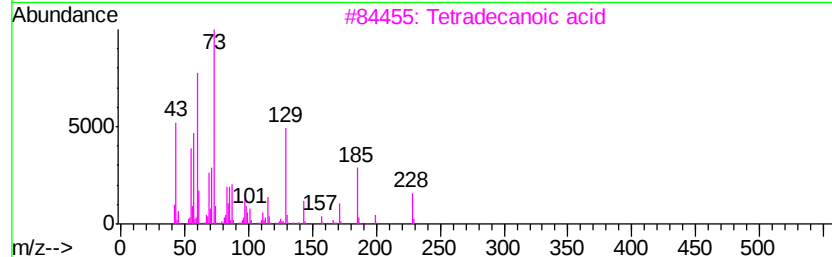
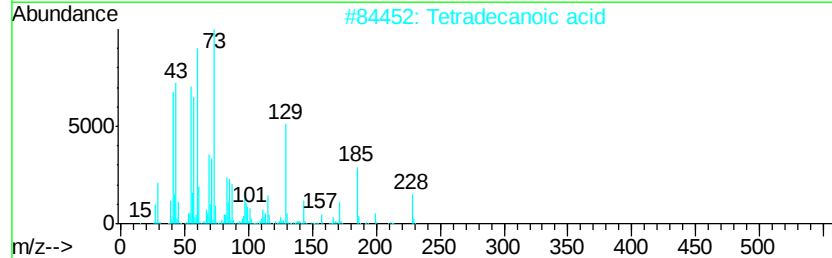
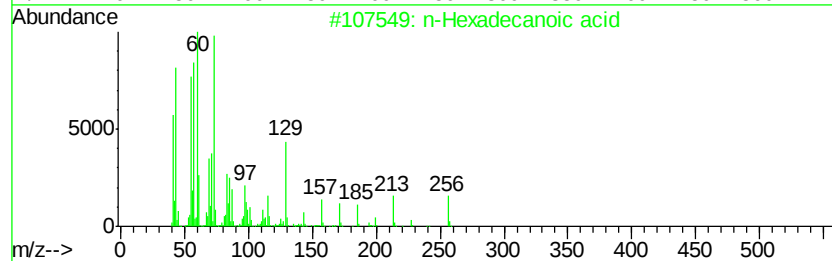
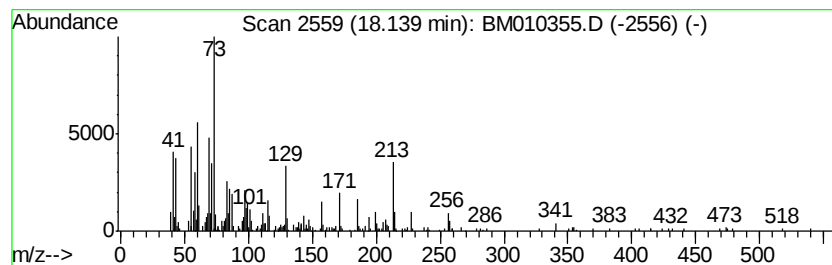
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Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.14	3.11 ng/ul	626208	Phenanthrene-d10	17.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	78
2		Tetradecanoic acid	228	C14H28O2	000544-63-8	46
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	46
4		Tridecanoic acid	214	C13H26O2	000638-53-9	46
5		Tridecanoic acid	214	C13H26O2	000638-53-9	46



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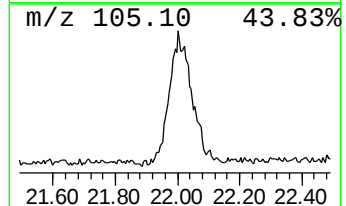
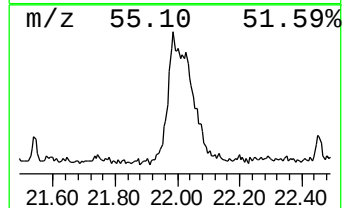
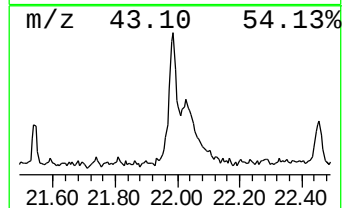
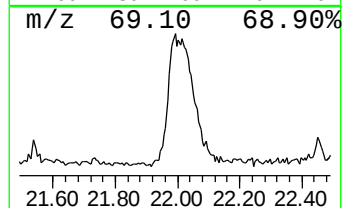
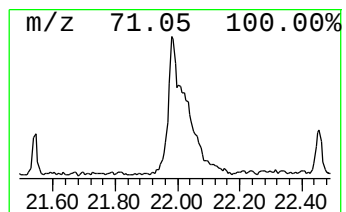
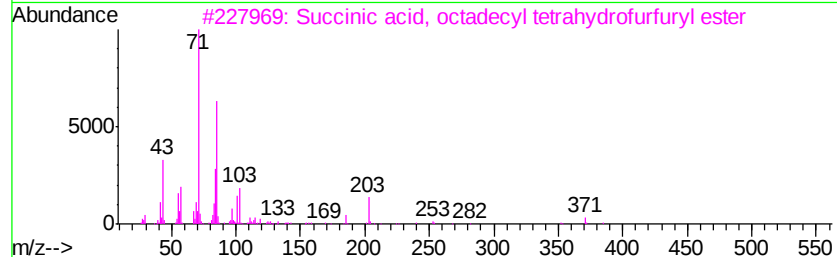
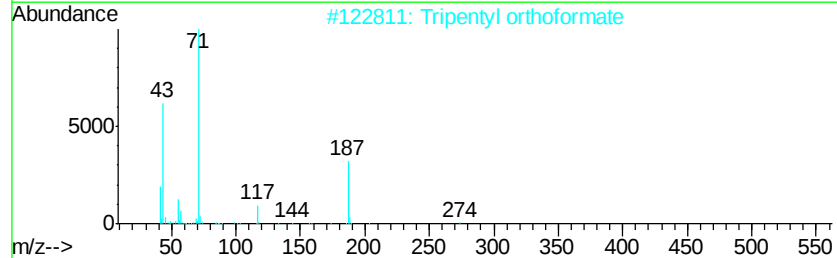
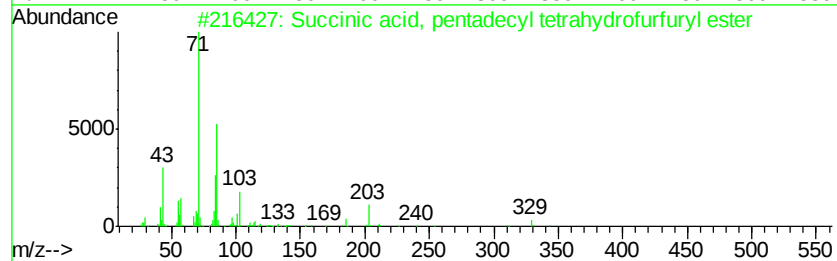
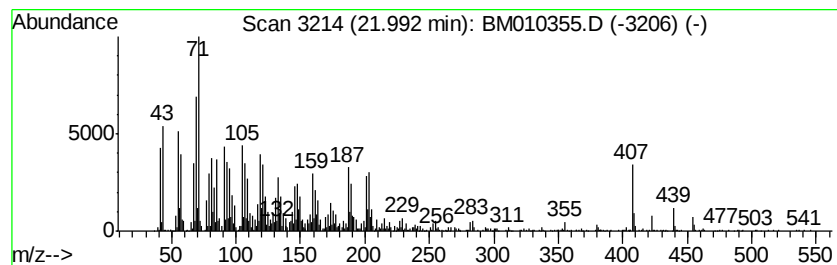
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Peak Number 2 unknown-01 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.99	14.10 ng/ul	3662240	Chrysene-d12	21.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Succinic acid, pentadecyl tetrah...	412	C24H44O5	1000329-87-1	37
2		Tripentyl orthoformate	274	C16H34O3	000637-42-3	30
3		Succinic acid, octadecyl tetrahy...	454	C27H50O5	1000329-87-4	25
4		Tetratriacontane, 17-hexadecyl-	703	C50H102	055256-07-0	25
5		Succinic acid, hexadecyl tetrahy...	426	C25H46O5	1000329-87-2	25



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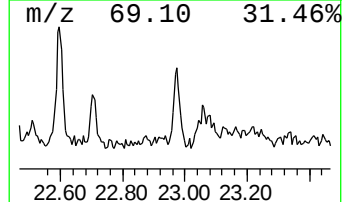
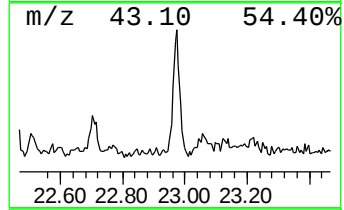
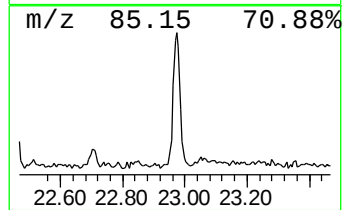
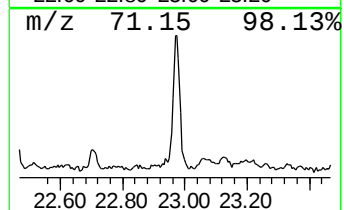
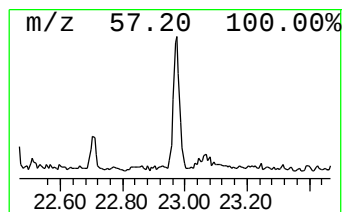
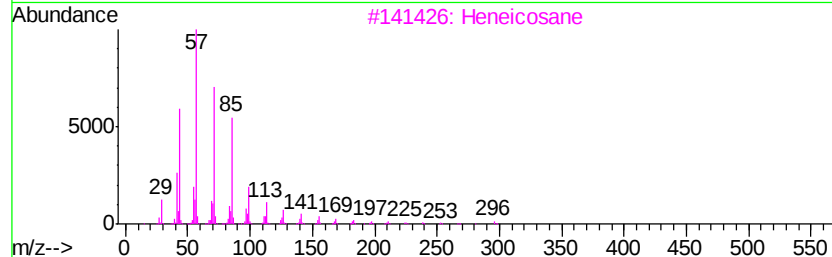
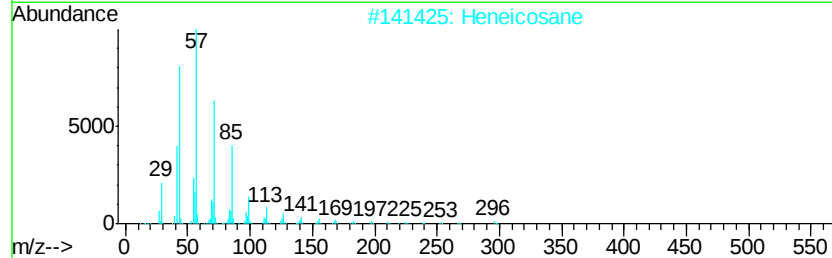
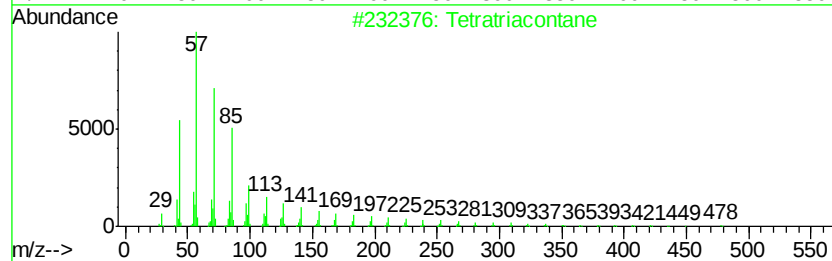
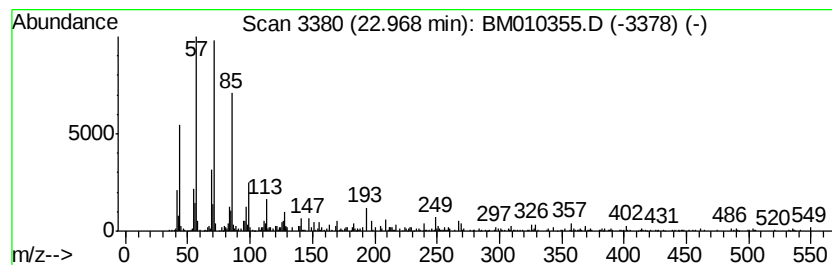
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.97	2.63 ng/ul	726247	Perylene-d12	23.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetratriacontane	479	C34H70	014167-59-0	91
2		Heneicosane	296	C21H44	000629-94-7	91
3		Heneicosane	296	C21H44	000629-94-7	90
4		2-methyloctacosane	408	C29H60	1000376-72-8	87
5		Hexacosane	366	C26H54	000630-01-3	87



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	18.14	3.1	ng/ul	626208	4	17.30	4022810	20.0
unknown-01	21.99	14.1	ng/ul	3662240	5	21.46	5193910	20.0
(DEL) Alkane: Str...	22.97	2.6	ng/ul	726247	6	23.81	5517480	20.0