

Data Path : Z:\HPCHEM1\BNA M\DATA\BM031218\
 Data File : BM014538.D
 Acq On : 13 Mar 2018 03:36
 Operator : SJ/JU
 Sample : J1835-04
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F6F03

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-BM021418.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	6.687	638	646	663	rBV	276617	676711	21.33%	2.218%
2	6.828	663	670	680	rBV	245320	416154	13.12%	1.364%
3	7.016	695	702	713	rBV	365235	664041	20.93%	2.176%
4	7.475	774	780	791	rBV2	306275	555457	17.51%	1.820%
5	8.210	899	905	922	rBV2	420085	879328	27.71%	2.882%
6	8.640	970	978	993	rBV	400956	746341	23.52%	2.446%
7	9.351	1092	1099	1113	rBV2	360728	711373	22.42%	2.331%
8	9.898	1184	1192	1211	rBV	413399	932528	29.39%	3.056%
9	10.245	1244	1251	1259	rBV	469163	785012	24.74%	2.573%
10	10.410	1272	1279	1301	rBV	358756	909964	28.68%	2.982%
11	13.563	1809	1815	1821	rBV	1149103	1696540	53.47%	5.560%
12	13.610	1821	1823	1837	rVB	141766	237322	7.48%	0.778%
13	13.827	1852	1860	1874	rBV	1203141	1824610	57.50%	5.980%
14	14.039	1889	1896	1905	rBV2	45005	66155	2.08%	0.217%
15	14.139	1905	1913	1925	rVB2	660570	1065877	33.59%	3.493%
16	14.433	1958	1963	1978	rBV2	241402	755656	23.82%	2.477%
17	14.998	2055	2059	2066	rVB2	65447	79014	2.49%	0.259%
18	15.145	2078	2084	2095	rVB	1456650	2166119	68.27%	7.099%
19	15.327	2109	2115	2123	rBV	354180	666244	21.00%	2.184%
20	15.392	2123	2126	2133	rVB7	34918	70106	2.21%	0.230%
21	15.863	2202	2206	2214	rBV2	55512	88471	2.79%	0.290%
22	16.663	2338	2342	2345	rBV3	30407	39352	1.24%	0.129%
23	16.904	2377	2383	2390	rBV	947770	1325473	41.77%	4.344%
24	17.004	2392	2400	2412	rBV2	1735468	2540732	80.07%	8.327%
25	17.398	2463	2467	2473	rVB5	23842	32533	1.03%	0.107%
26	17.810	2533	2537	2547	rBV2	197104	322566	10.17%	1.057%
27	18.951	2727	2731	2738	rBV6	24290	54096	1.70%	0.177%
28	19.104	2752	2757	2765	rBV4	90820	147601	4.65%	0.484%
29	19.315	2787	2793	2805	rBV	2170865	3076030	96.94%	10.081%
30	20.256	2947	2953	2958	rBV3	102351	157277	4.96%	0.515%
31	20.833	3047	3051	3056	rBV2	180094	212550	6.70%	0.697%
32	21.127	3095	3101	3109	rBV2	1205660	1712984	53.99%	5.614%
33	23.156	3439	3446	3453	rVB2	1789824	3173003	100.00%	10.399%
34	23.292	3462	3469	3480	rVB	794784	1539906	48.53%	5.047%

LSC Area Percent Report

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35	23.744	3543	3546	3553	rVB6	106887	184794	5.82%	0.606%
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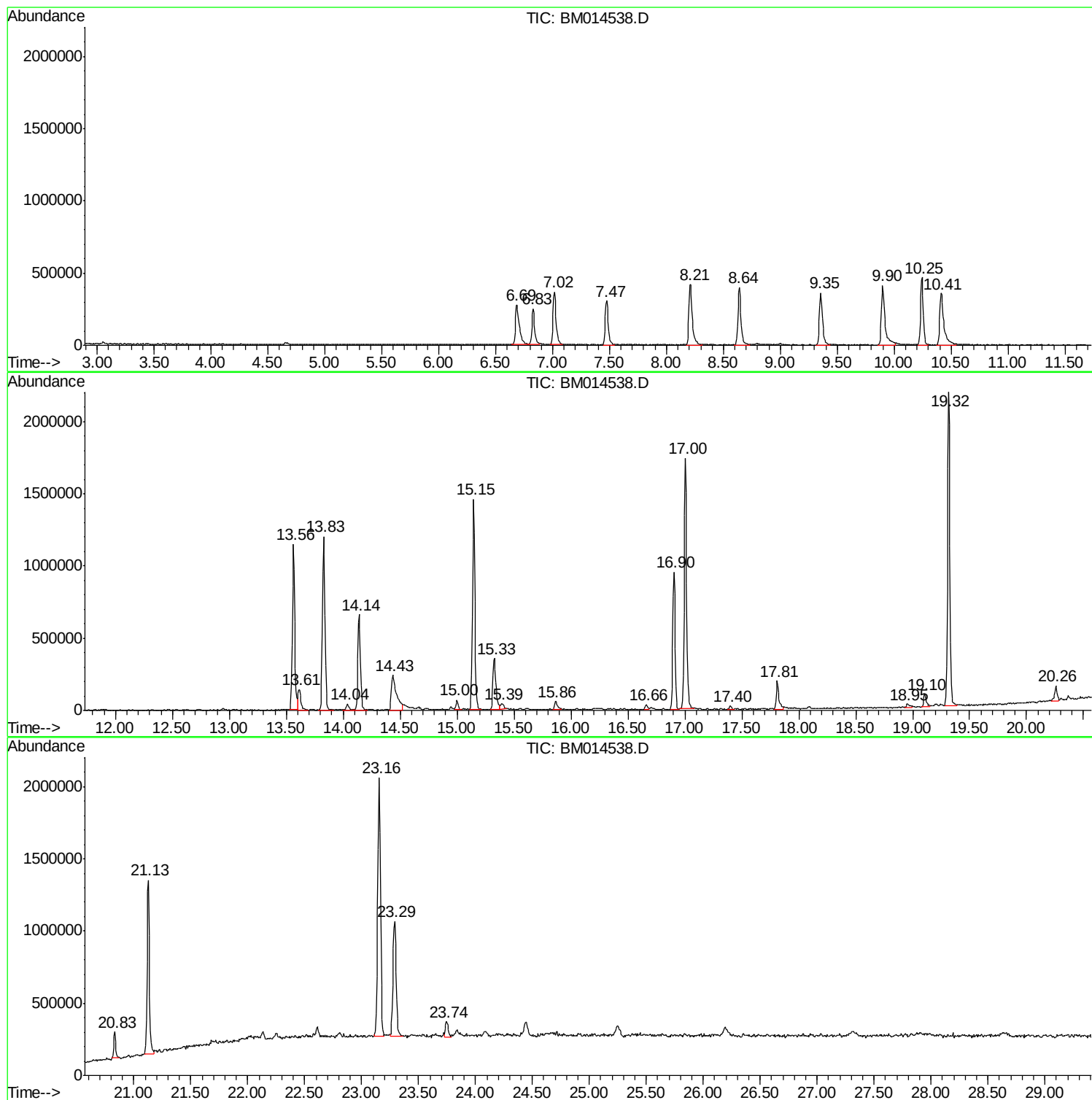
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION

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



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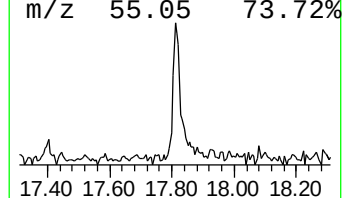
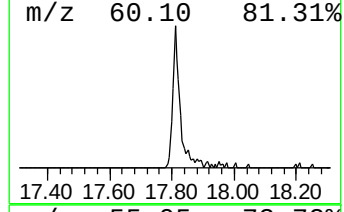
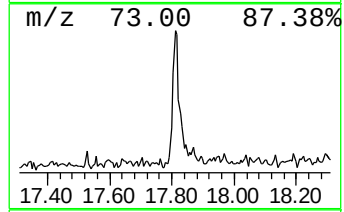
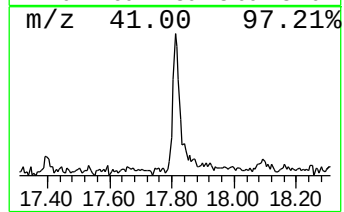
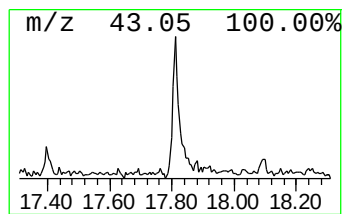
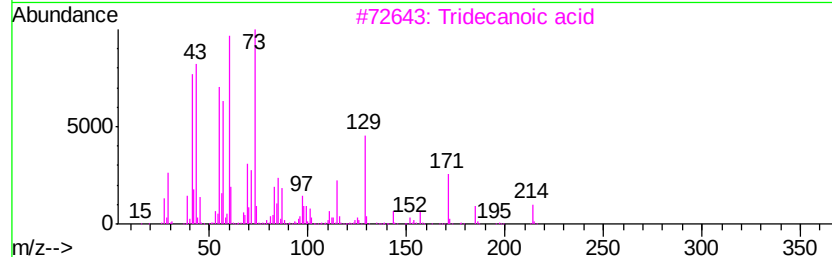
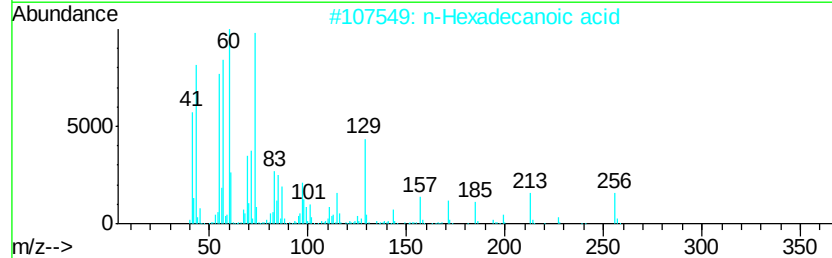
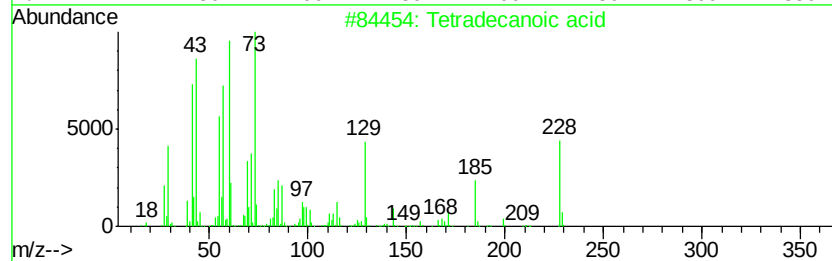
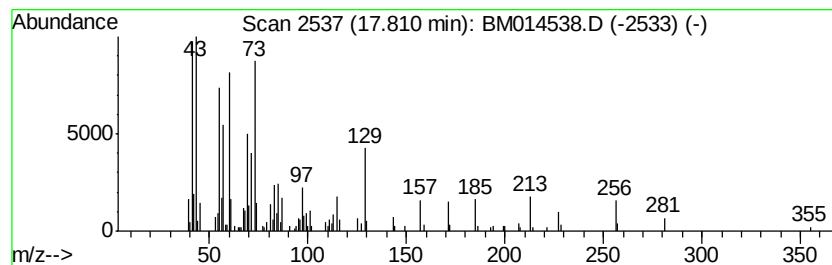
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Peak Number 1 Tetradecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.81	4.87 ng/ul	322566	Phenanthrene-d10	16.90

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetradecanoic acid	228	C14H28O2	000544-63-8	95
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
3		Tridecanoic acid	214	C13H26O2	000638-53-9	94
4		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	89
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	89



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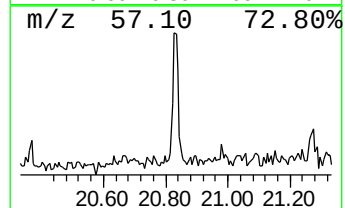
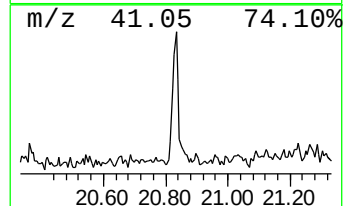
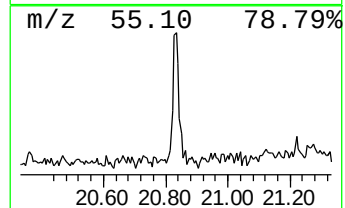
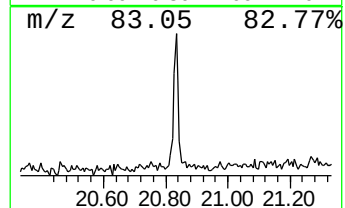
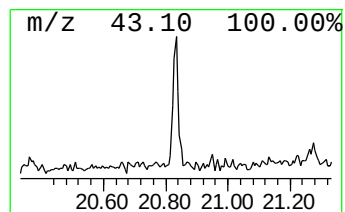
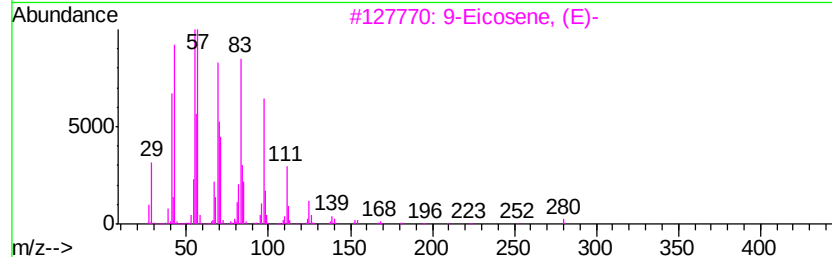
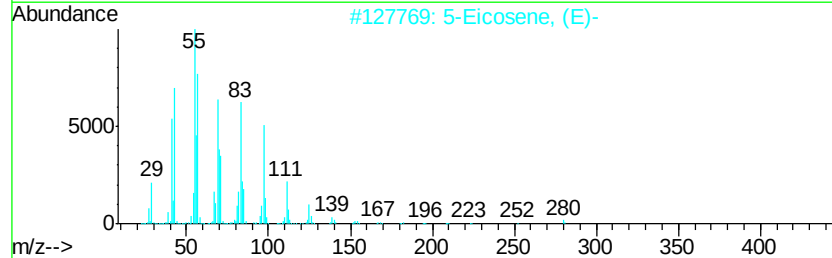
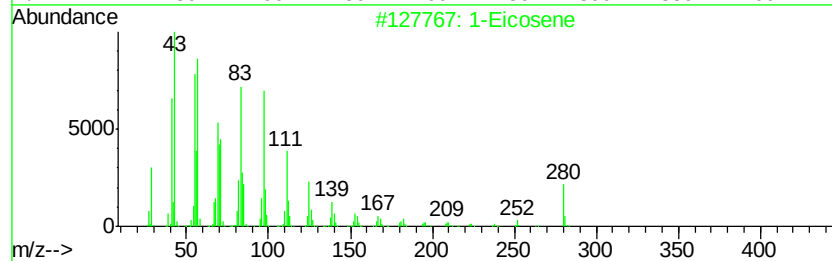
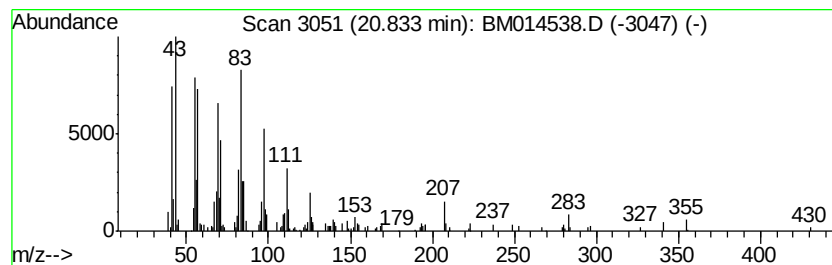
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Peak Number 2 (DEL) Alkane: Cyclic20.83 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.83	2.48 ng/ul	212550	Chrysene-d12	21.13
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1-Eicosene		280 C20H40	003452-07-1 93
2	5-Eicosene, (E)-		280 C20H40	074685-30-6 91
3	9-Eicosene, (E)-		280 C20H40	074685-29-3 90
4	Cyclohexadecane, 1,2-diethyl-		280 C20H40	1000155-85-3 89
5	3-Eicosene, (E)-		280 C20H40	074685-33-9 86



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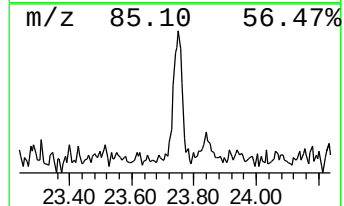
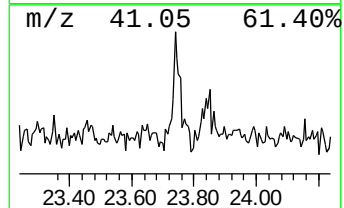
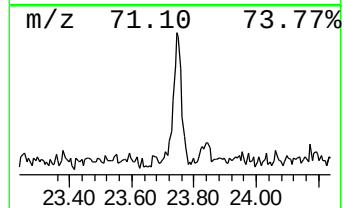
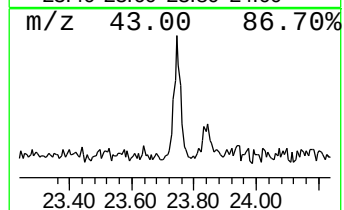
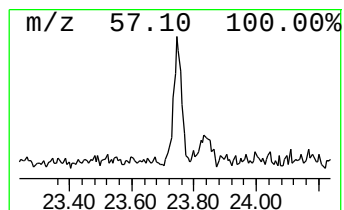
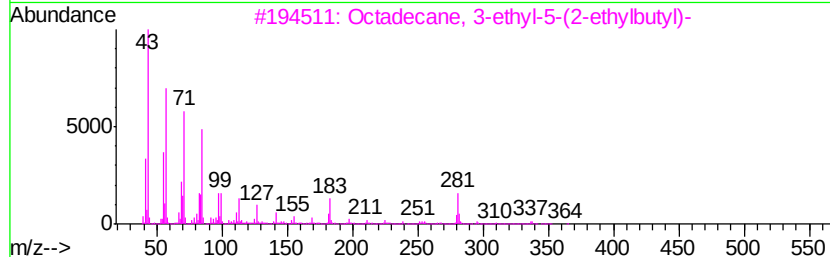
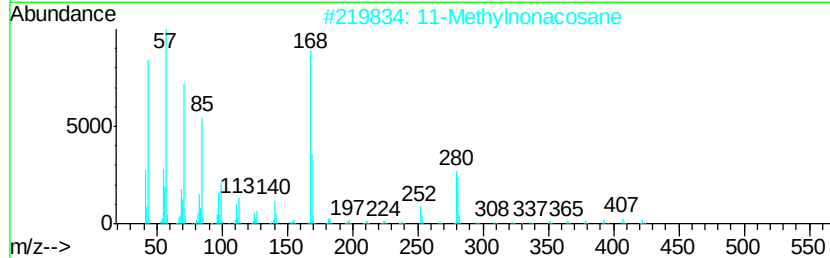
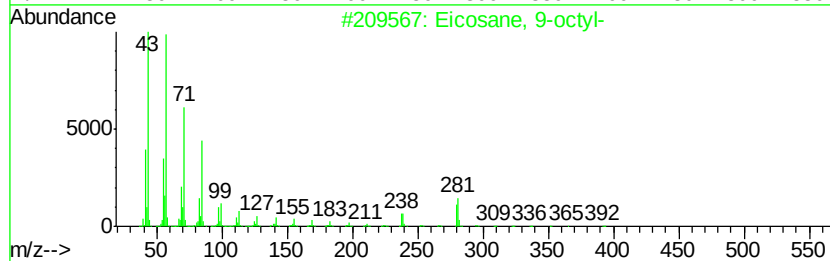
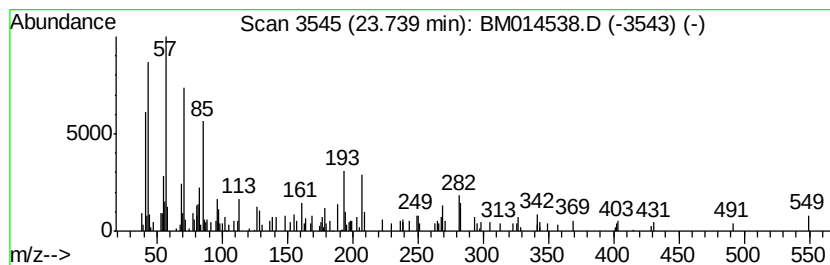
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.74	2.40 ng/ul	184794	Perylene-d12	23.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane, 9-octyl-	394	C28H58	013475-77-9	47
2		11-Methylnonacosane	422	C30H62	007371-99-5	43
3		Octadecane, 3-ethyl-5-(2-ethylbu...	366	C26H54	055282-12-7	38
4		13-Methylhentriacontane	451	C32H66	1000131-19-4	37
5		Octadecane, 9-ethyl-9-heptyl-	380	C27H56	055282-27-4	37



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Tetradecanoic acid	17.81	4.9	ng/ul	322566	4	16.90	1325470	20.0
(DEL) Alkane: Cyc...	20.83	2.5	ng/ul	212550	5	21.13	1712980	20.0
(DEL) Alkane: Str...	23.74	2.4	ng/ul	184794	6	23.29	1539910	20.0