

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012617\
 Data File : BM008890.D
 Acq On : 27 Jan 2017 00:01
 Operator : SJ/MA
 Sample : I1426-07
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BDMX9

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\SOM02.2-EPA-BM012317.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	3.381	132	135	141	rBV4	21023	28478	1.41%	0.118%
2	7.075	756	763	776	rVB2	468101	807559	39.99%	3.346%
3	7.257	788	794	806	rVB	288518	458864	22.72%	1.901%
4	7.451	821	827	834	rBV	443581	713357	35.32%	2.955%
5	7.928	901	908	914	rBV	390327	643326	31.85%	2.665%
6	8.616	1019	1025	1032	rBV	500386	798274	39.53%	3.307%
7	9.093	1099	1106	1113	rBV	460284	760288	37.65%	3.150%
8	9.457	1165	1168	1173	rVB4	20351	25986	1.29%	0.108%
9	9.810	1222	1228	1237	rVB2	383937	625796	30.99%	2.593%
10	10.340	1312	1318	1325	rBV	529389	851615	42.17%	3.528%
11	10.728	1378	1384	1395	rVB	466978	789777	39.11%	3.272%
12	10.863	1401	1407	1416	rVB	294674	495722	24.55%	2.054%
13	13.969	1926	1935	1939	rBV	759023	1060465	52.51%	4.394%
14	14.016	1939	1943	1949	rVB	262885	364639	18.06%	1.511%
15	14.257	1977	1984	1992	rBV	855791	1217634	60.29%	5.045%
16	14.439	2008	2015	2019	rBV3	16531	22091	1.09%	0.092%
17	14.563	2030	2036	2042	rBV	666384	954869	47.28%	3.956%
18	14.745	2058	2067	2073	rBV	424325	609289	30.17%	2.524%
19	15.345	2163	2169	2173	rBV	25734	37088	1.84%	0.154%
20	15.392	2173	2177	2182	rVB	53657	62711	3.11%	0.260%
21	15.557	2199	2205	2211	rBV	1074545	1530312	75.77%	6.340%
22	15.669	2217	2224	2231	rBV	339583	474029	23.47%	1.964%
23	15.792	2236	2245	2250	rBV5	27705	51934	2.57%	0.215%
24	16.251	2319	2323	2332	rBV2	65467	107890	5.34%	0.447%
25	17.045	2452	2458	2462	rBV	63521	71688	3.55%	0.297%
26	17.092	2462	2466	2470	rBV4	17651	26423	1.31%	0.109%
27	17.310	2496	2503	2509	rBV	822673	1188531	58.85%	4.924%
28	17.410	2512	2520	2528	rVB2	1186156	1736558	85.99%	7.195%
29	17.780	2578	2583	2590	rBV	56515	69469	3.44%	0.288%
30	18.180	2645	2651	2656	rBV2	142157	187204	9.27%	0.776%
31	18.474	2696	2701	2706	rBV4	28164	46474	2.30%	0.193%
32	19.327	2840	2846	2850	rBV7	26515	44467	2.20%	0.184%
33	19.451	2862	2867	2870	rBV5	61478	77106	3.82%	0.319%
34	19.692	2903	2908	2917	rBV	1481745	2019575	100.00%	8.367%

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35	21.162	3155	3158	3163	rBV	171914	208804	10.34%	0.865%
36	21.474	3206	3211	3218	rBV	1174182	1488598	73.71%	6.167%
37	23.686	3580	3587	3596	rVB	997734	1990323	98.55%	8.246%
38	23.833	3606	3612	3620	rVB	687240	1308423	64.79%	5.421%
39	24.362	3698	3702	3708	rVB4	100863	181249	8.97%	0.751%

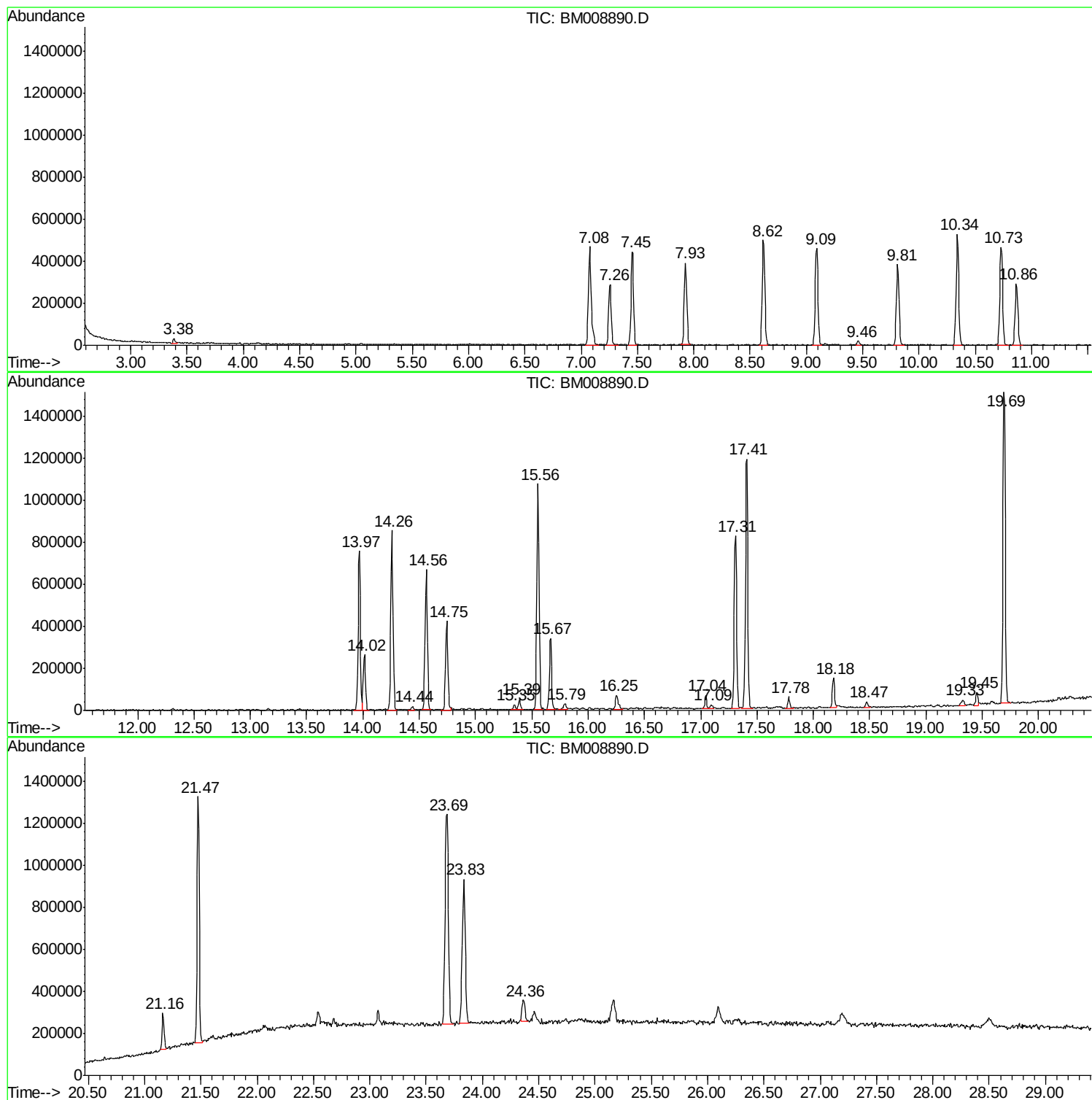
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM012317.M
Quant Title : SVOA CALIBRATION

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



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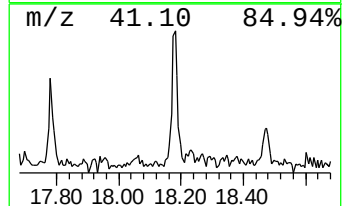
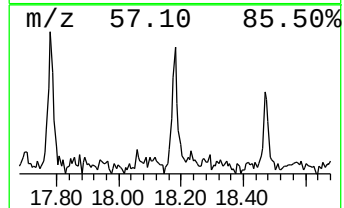
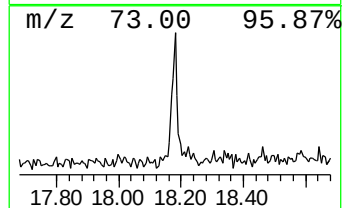
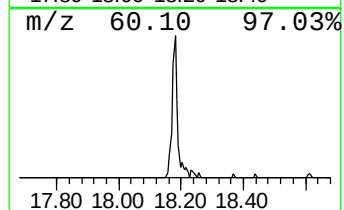
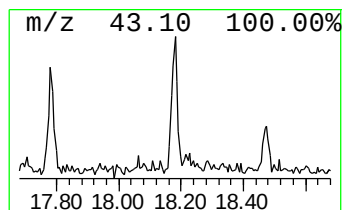
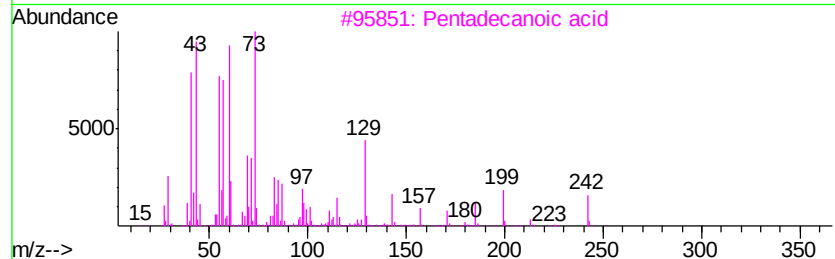
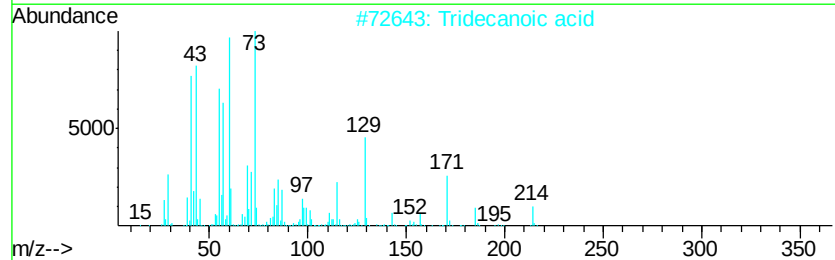
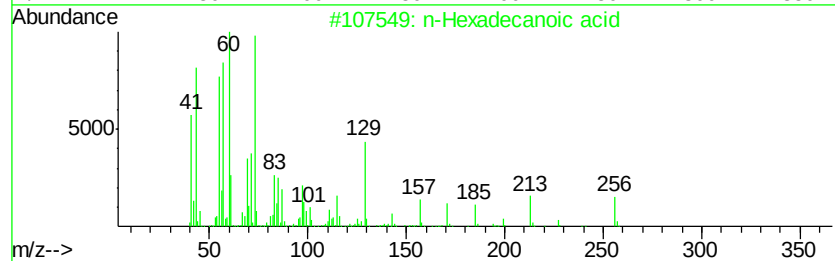
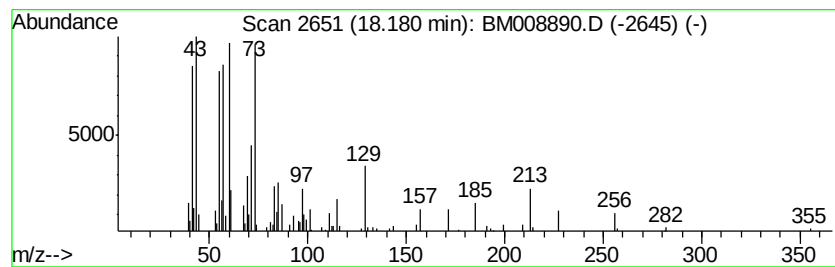
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Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.		
18.18	3.15 ng/ul	187204	Phenanthrene-d10	17.31		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2		Tridecanoic acid	214	C13H26O2	000638-53-9	94
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	80
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	72
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	72



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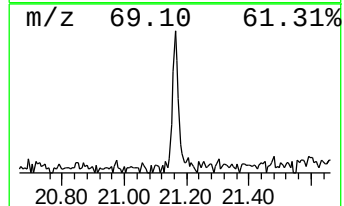
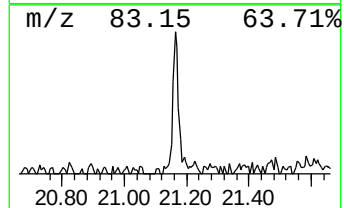
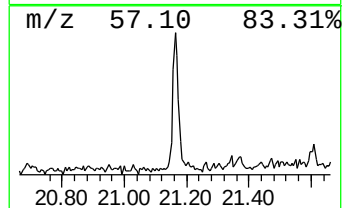
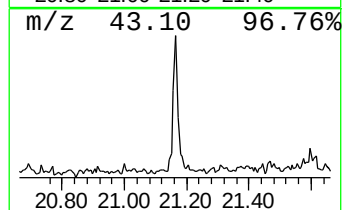
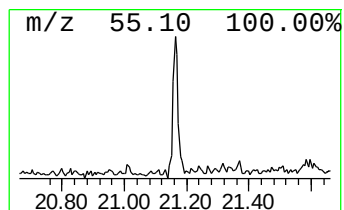
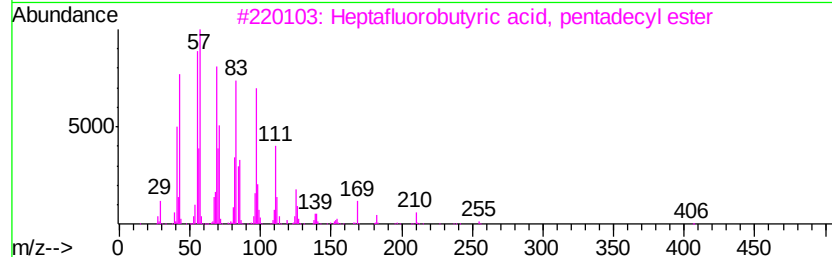
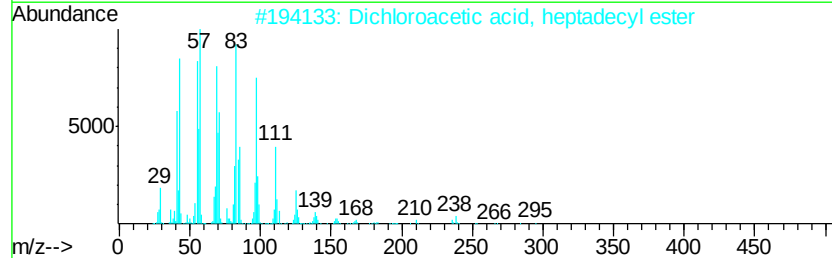
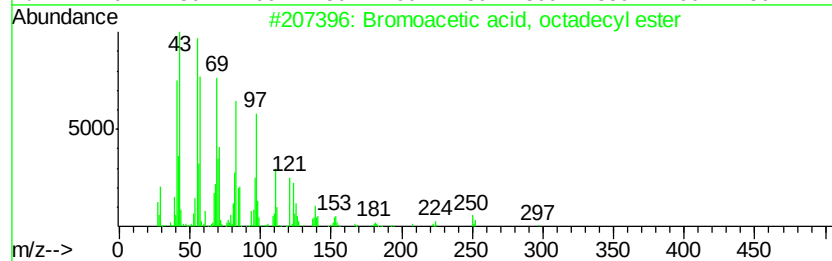
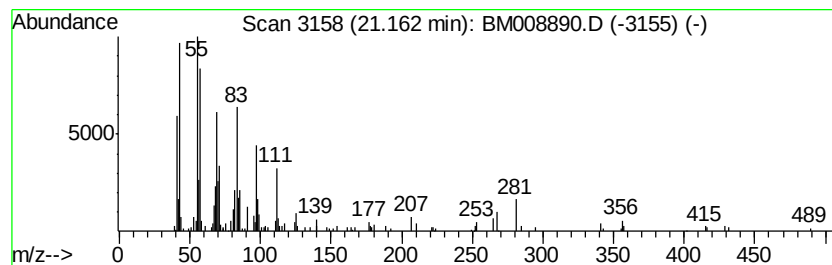
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Peak Number 2 Bromoacetic acid, octadecyl... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.16	2.81 ng/ul	208804	Chrysene-d12	21.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	87
2		Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	87
3		Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	83
4		Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	83
5		Nonadecyl trifluoroacetate	380	C21H39F3O2	1000351-76-3	80



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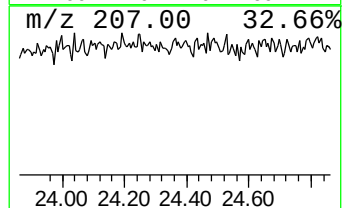
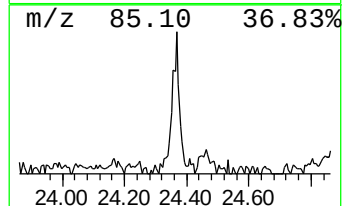
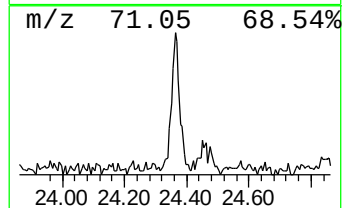
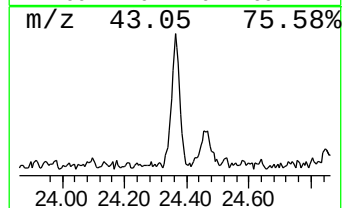
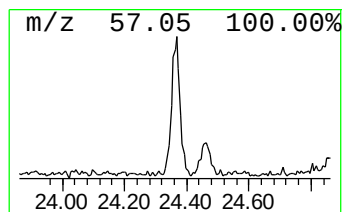
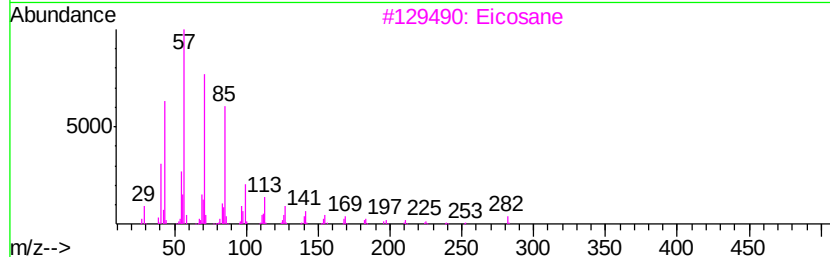
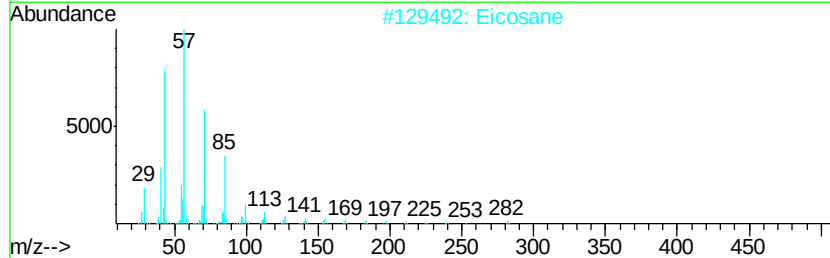
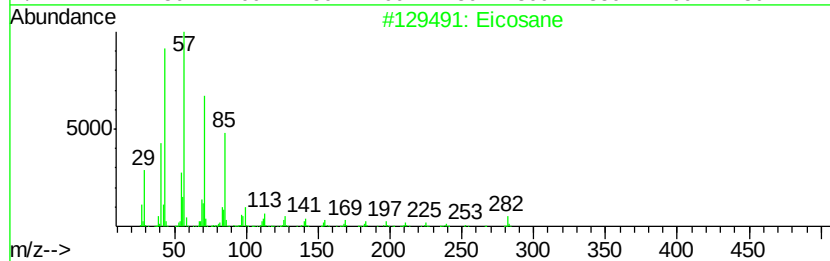
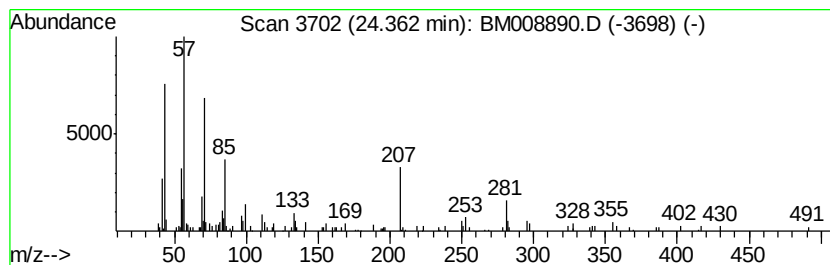
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.36	2.77 ng/ul	181249	Perylene-d12	23.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	87
2		Eicosane	282	C20H42	000112-95-8	55
3		Eicosane	282	C20H42	000112-95-8	55
4		Octacosane	394	C28H58	000630-02-4	46
5		10-Methylnonadecane	282	C20H42	056862-62-5	46



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	18.18	3.1	ng/ul	187204	4	17.31	1188530	20.0
Bromoacetic acid,...	21.16	2.8	ng/ul	208804	5	21.47	1488600	20.0
(DEL) Alkane: Str...	24.36	2.8	ng/ul	181249	6	23.83	1308420	20.0