

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_M\DATA\BM013018\
 Data File : BM014022.D
 Acq On : 31 Jan 2018 06:20
 Operator : SJ/JU
 Sample : J1314-13
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F6C50

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	3.128	19	24	28	rBV2	37535	56267	1.26%	0.135%
2	6.751	633	640	654	rBV	567292	1067638	23.97%	2.566%
3	6.910	661	667	679	rBV	428097	689903	15.49%	1.658%
4	7.098	692	699	715	rBV	646889	1062589	23.85%	2.553%
5	7.563	772	778	788	rBV	407834	703689	15.80%	1.691%
6	8.275	894	899	917	rBV	694876	1288214	28.92%	3.096%
7	8.722	966	975	990	rBV	623876	1104508	24.79%	2.654%
8	9.440	1089	1097	1106	rBV	525865	981669	22.04%	2.359%
9	9.975	1180	1188	1199	rBV	709027	1368869	30.73%	3.289%
10	10.334	1242	1249	1258	rBV	581081	959057	21.53%	2.305%
11	10.492	1269	1276	1288	rBV	581279	1232445	27.67%	2.962%
12	13.639	1804	1811	1815	rBV	1518679	2119580	47.58%	5.093%
13	13.686	1815	1819	1827	rVB2	301473	490348	11.01%	1.178%
14	13.910	1849	1857	1873	rBV	1669354	2567095	57.63%	6.169%
15	14.216	1903	1909	1921	rVB2	840598	1277467	28.68%	3.070%
16	14.457	1944	1950	1965	rBV2	320657	794893	17.84%	1.910%
17	15.080	2051	2056	2061	rVB	59629	76165	1.71%	0.183%
18	15.216	2073	2079	2091	rVB	2020652	3068501	68.88%	7.374%
19	15.363	2099	2104	2118	rBV	501141	855578	19.21%	2.056%
20	15.945	2198	2203	2210	rBV2	61153	109074	2.45%	0.262%
21	16.739	2334	2338	2343	rBV4	46459	68324	1.53%	0.164%
22	16.974	2371	2378	2385	rBV	1108455	1574877	35.35%	3.784%
23	17.074	2388	2395	2408	rVV	2308094	3404406	76.42%	8.181%
24	17.880	2527	2532	2543	rBV2	250823	418485	9.39%	1.006%
25	19.021	2721	2726	2729	rBV3	48279	73063	1.64%	0.176%
26	19.168	2746	2751	2759	rBV4	105409	199415	4.48%	0.479%
27	19.380	2780	2787	2794	rBV	2860458	4012623	90.08%	9.642%
28	20.898	3040	3045	3054	rBV3	369632	694863	15.60%	1.670%
29	21.180	3087	3093	3101	rBV	1371021	2015528	45.25%	4.843%
30	21.286	3108	3111	3114	rBV4	58490	76874	1.73%	0.185%
31	22.009	3230	3234	3239	rVB	442468	524406	11.77%	1.260%
32	22.692	3347	3350	3357	rVB5	94271	145710	3.27%	0.350%
33	23.221	3433	3440	3453	rVB2	2391584	4454661	100.00%	10.704%
34	23.362	3457	3464	3473	rVB	941876	1867267	41.92%	4.487%

LSC Area Percent Report

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Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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35	25.397	3806	3810	3818	rVB9	87810	211091	4.74%	0.507%
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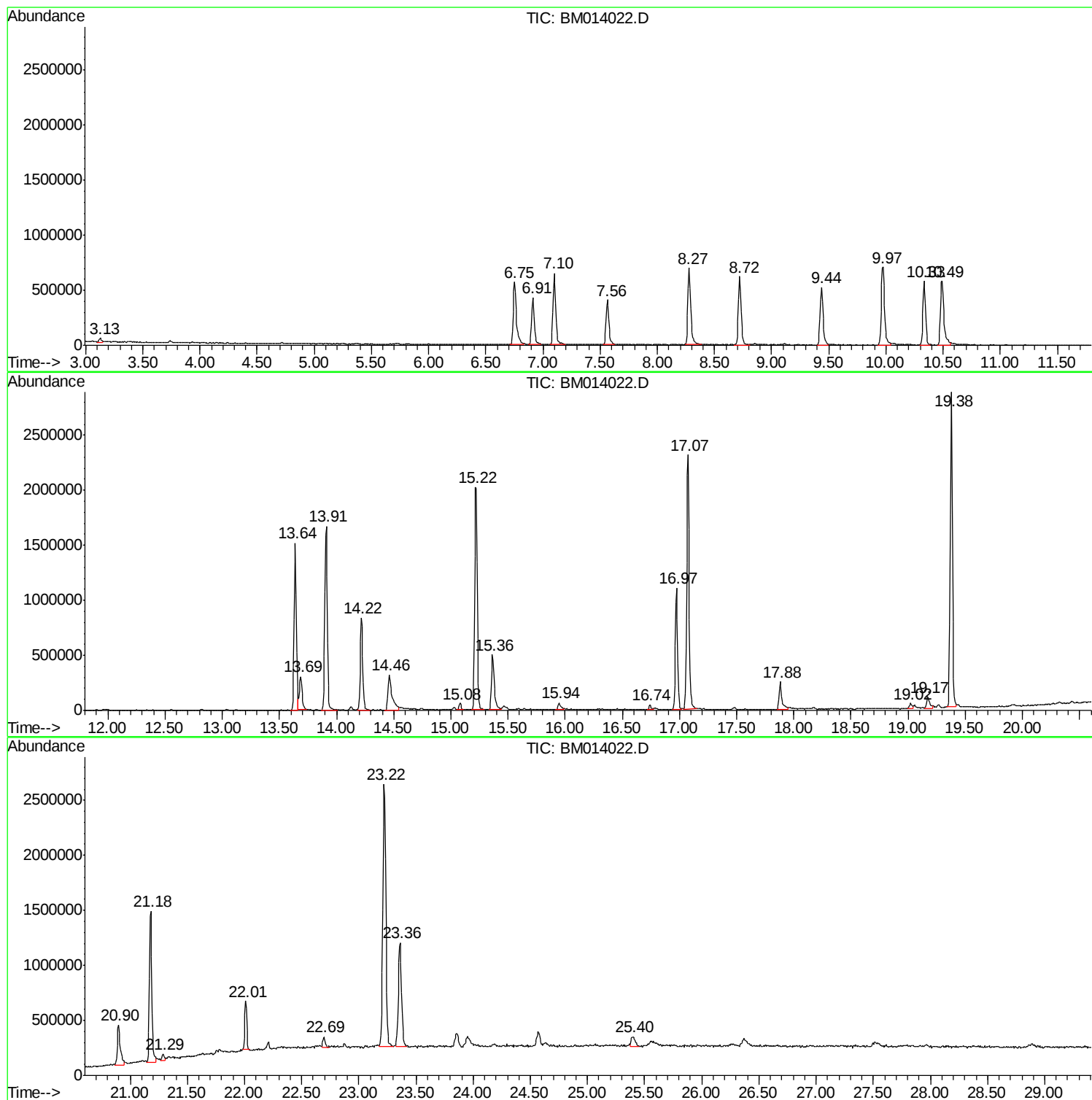
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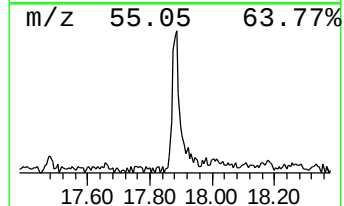
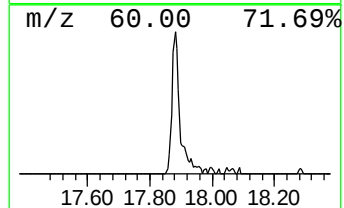
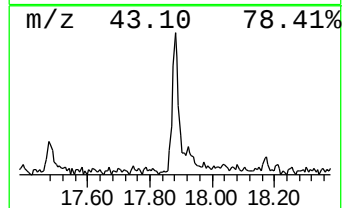
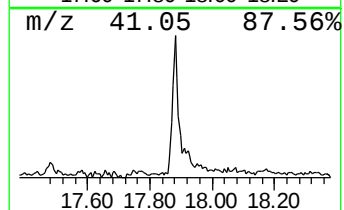
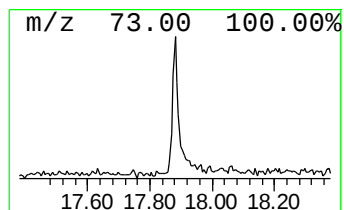
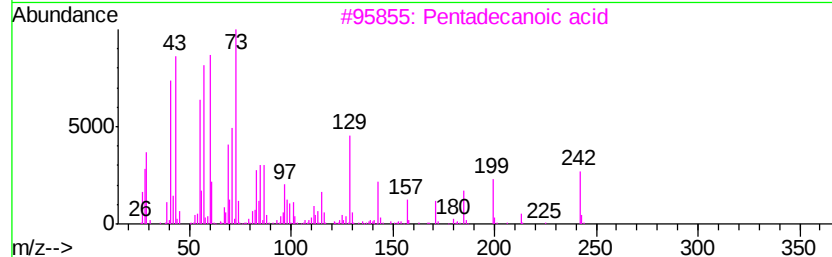
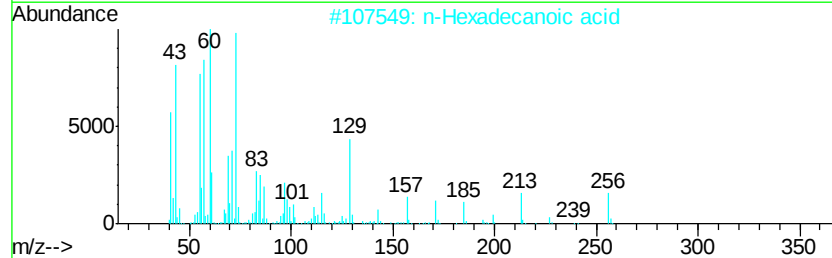
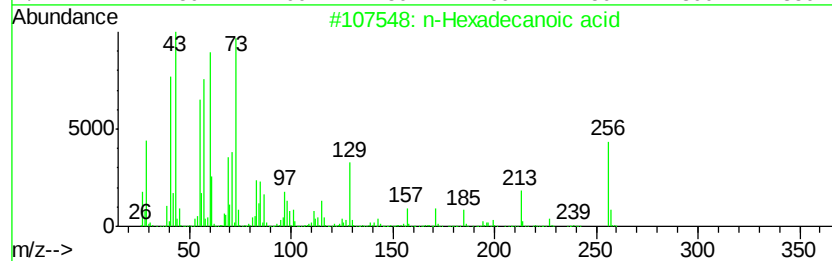
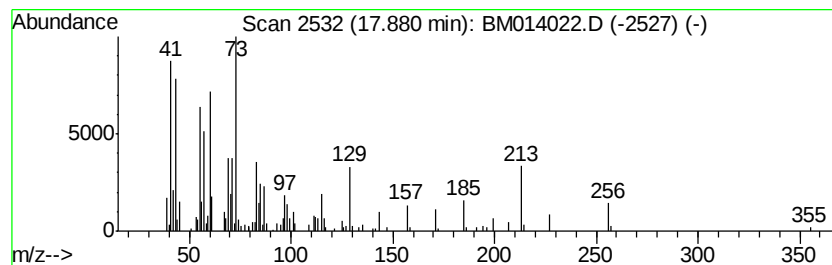
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.88	5.31 ng/ul	418485	Phenanthrene-d10	16.97

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97	
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96	
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	74	
4	Tridecanoic acid	214	C13H26O2	000638-53-9	60	
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	53	



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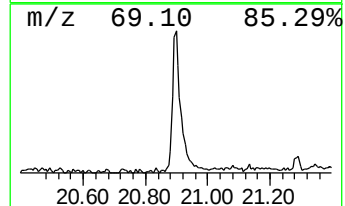
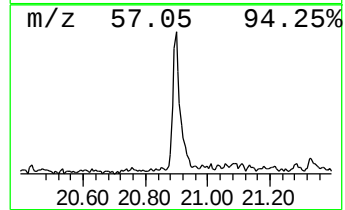
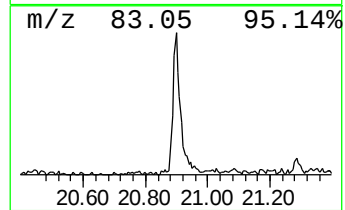
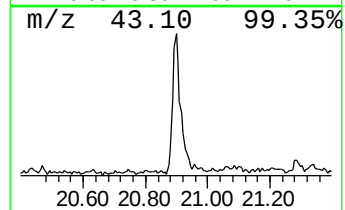
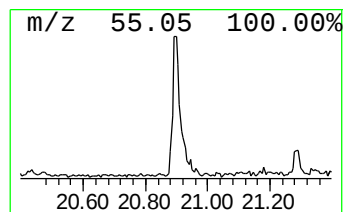
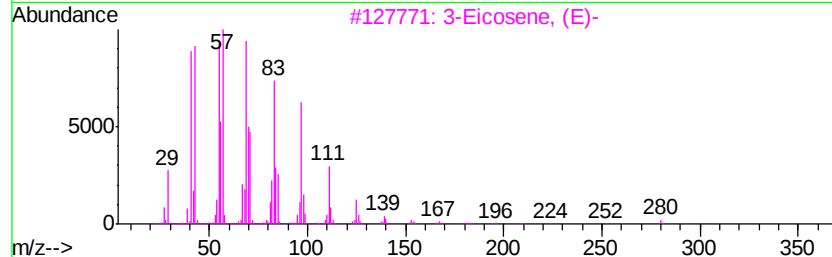
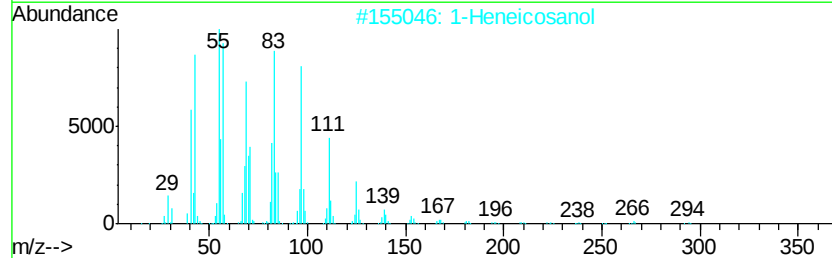
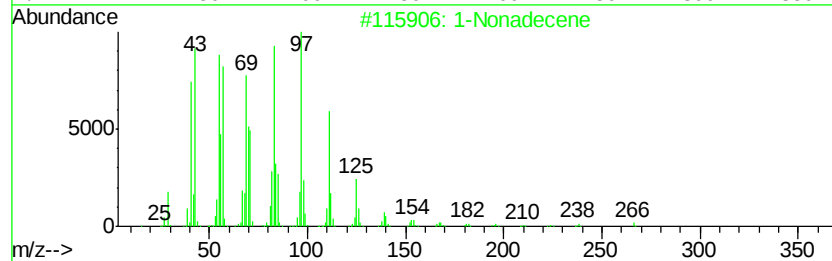
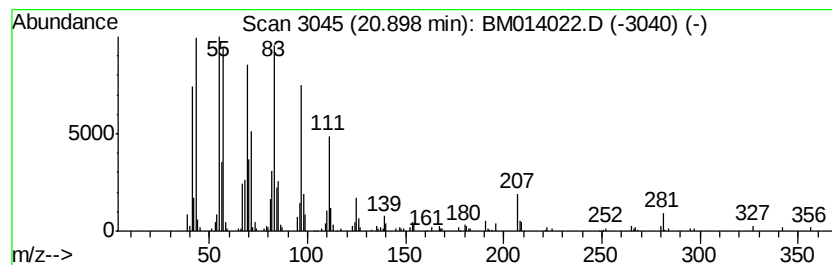
Instrument :
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ClientSampleId :
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Peak Number 2 (DEL) Alkane: Cyclic20.90 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD		R.T.
20.90	6.90 ng/ul	694863	Chrysene-d12		21.18
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	96
2	1-Heneicosanol	312	C21H44O	015594-90-8	93
3	3-Eicosene, (E)-	280	C20H40	074685-33-9	91
4	9-Eicosene, (E)-	280	C20H40	074685-29-3	90
5	Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	87



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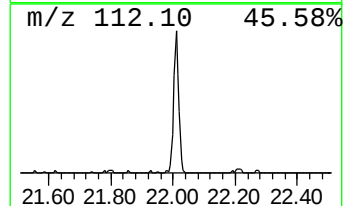
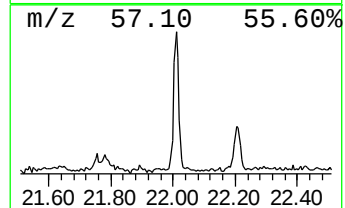
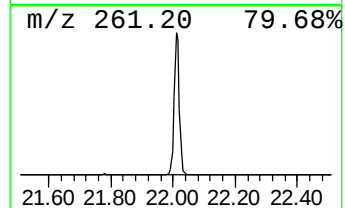
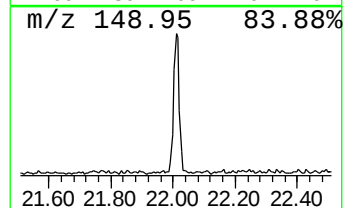
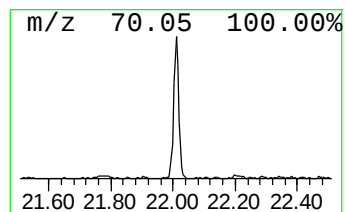
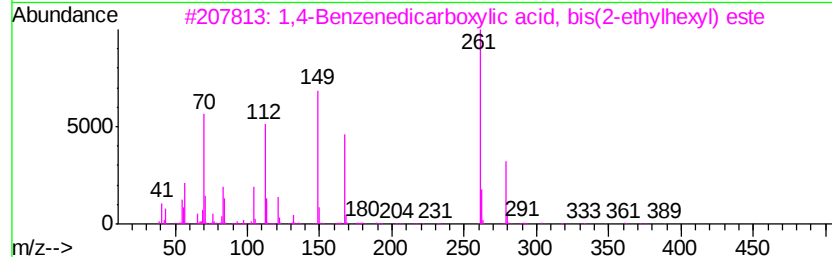
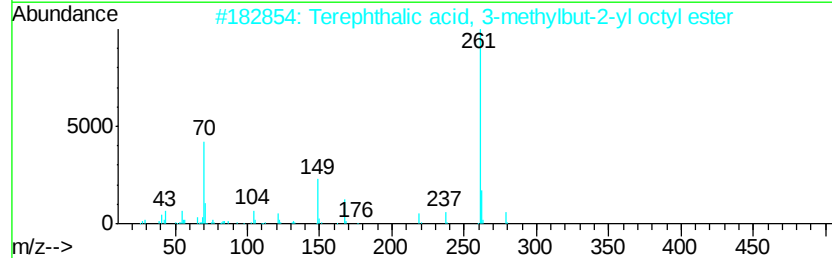
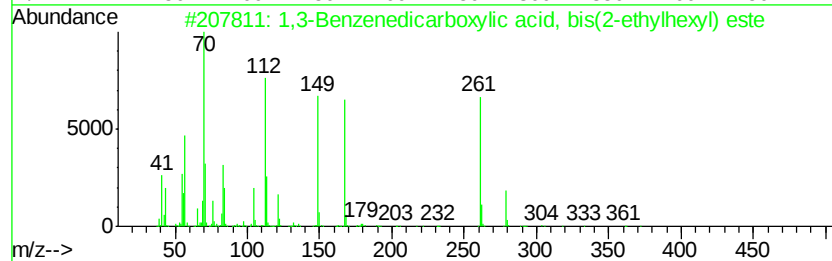
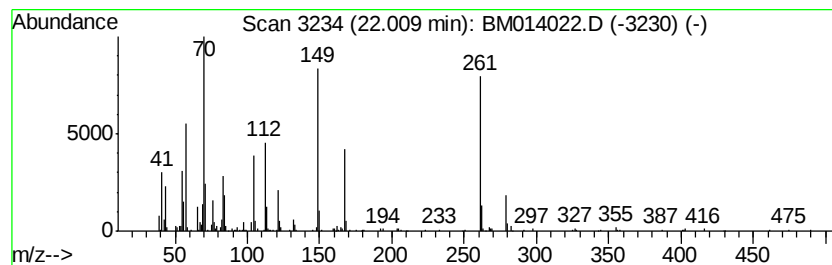
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Peak Number 3 1,3-Benzenedicarboxylic aci... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.01	5.20 ng/ul	524406	Chrysene-d12	21.18

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,3-Benzenedicarboxylic acid, bi...	390	C24H38O4	000137-89-3	62
2		Terephthalic acid, 3-methylbut-2...	348	C21H32O4	1000356-27-6	59
3		1,4-Benzenedicarboxylic acid, bi...	390	C24H38O4	006422-86-2	49
4		Isophthalic acid, 2-nitro-5-fluo...	417	C22H24FN06	1000344-42-3	43
5		1,3-Benzenedicarboxylic acid, bi...	390	C24H38O4	000137-89-3	38



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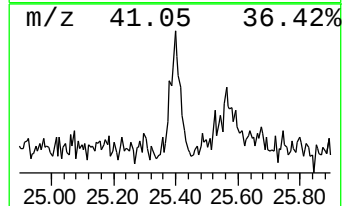
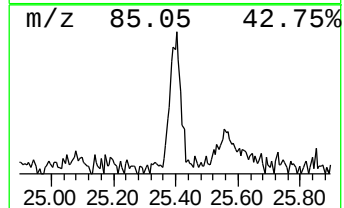
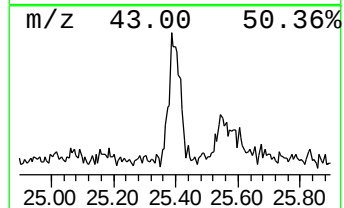
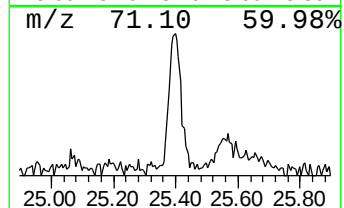
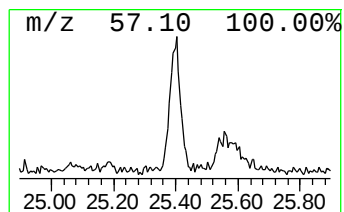
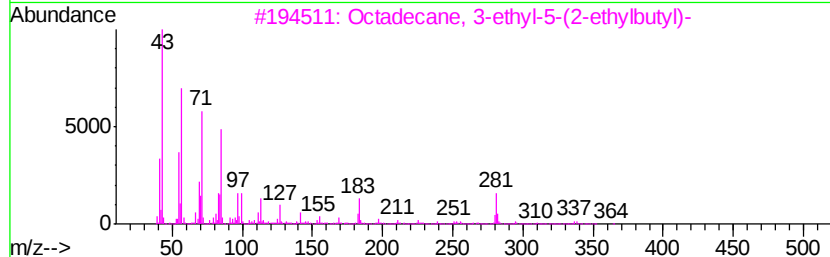
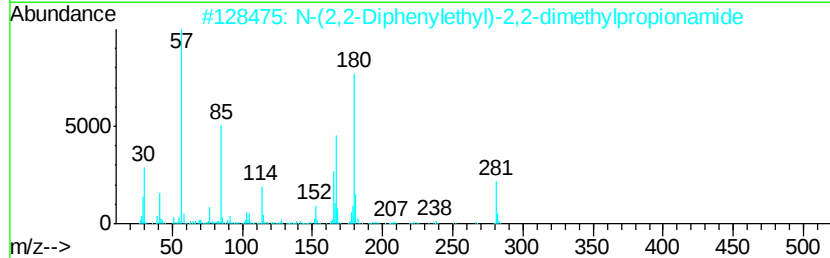
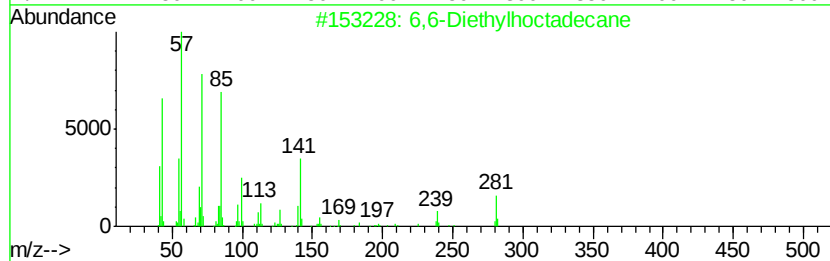
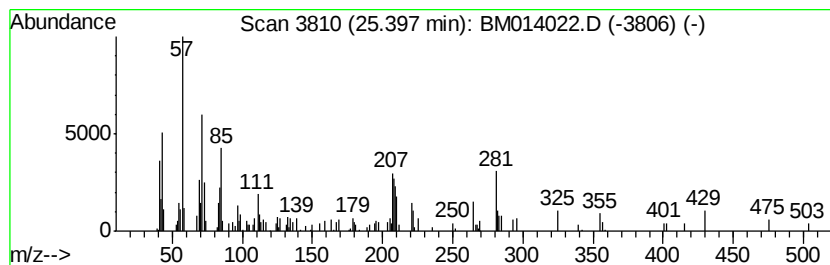
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Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.40	2.26 ng/ul	211091	Perylene-d12	23.36

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			6,6-Diethyloctadecane	310	C22H46	1000360-41-8	35
2			N-(2,2-Diphenylethyl)-2,2-dimeth...	281	C19H23NO	1000211-18-7	25
3			Octadecane, 3-ethyl-5-(2-ethylbu...	366	C26H54	055282-12-7	17
4			Stearic acid, 3-(octadecyloxy)pr...	595	C39H78O3	017367-40-7	17
5			Hexadecane, 8-hexyl-8-pentyl-	380	C27H56	055282-29-6	16



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.88	5.3	ng/ul	418485	4	16.97	1574880	20.0
(DEL) Alkane: Cyc...	20.90	6.9	ng/ul	694863	5	21.18	2015530	20.0
1,3-Benzenedicarb...	22.01	5.2	ng/ul	524406	5	21.18	2015530	20.0
(DEL) Alkane: Str...	25.40	2.3	ng/ul	211091	6	23.36	1867270	20.0