

Data Path : Z:\HPCHEM1\BNA M\DATA\BM103017\
 Data File : BM012580.D
 Acq On : 30 Oct 2017 19:15
 Operator : SJ/JU
 Sample : I5886-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 ESNE1

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-BM102417.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	3.351	41	45	54	rVB	66074	99993	1.75%	0.146%
2	4.992	318	324	329	rBV2	65762	114037	2.00%	0.166%
3	7.022	661	669	681	rBV2	913811	1689995	29.63%	2.463%
4	7.186	691	697	707	rBV	750616	1159973	20.33%	1.691%
5	7.392	724	732	740	rVB	990267	1572688	27.57%	2.292%
6	7.857	803	811	820	rVB	1120305	1793939	31.45%	2.615%
7	8.557	923	930	941	rBV	933901	1479255	25.93%	2.156%
8	9.010	1000	1007	1015	rBV	901628	1480807	25.96%	2.158%
9	9.439	1072	1080	1084	rVB	39153	60530	1.06%	0.088%
10	9.733	1122	1130	1140	rBV	734564	1262251	22.13%	1.840%
11	10.269	1213	1221	1230	rBV	1151814	1923743	33.72%	2.804%
12	10.645	1274	1285	1294	rBV	1421753	2383331	41.78%	3.474%
13	10.780	1301	1308	1322	rBV	857249	1518309	26.62%	2.213%
14	11.963	1501	1509	1518	rBV2	110749	179323	3.14%	0.261%
15	13.892	1827	1837	1842	rBV	1913949	2678493	46.95%	3.904%
16	13.939	1842	1845	1851	rVB	124308	175151	3.07%	0.255%
17	14.180	1879	1886	1898	rBV	2228299	3229937	56.62%	4.707%
18	14.321	1903	1910	1919	rVB2	72682	160535	2.81%	0.234%
19	14.486	1931	1938	1946	rBV2	1984398	3017159	52.89%	4.397%
20	14.686	1965	1972	1986	rBV	675210	1041027	18.25%	1.517%
21	14.904	2003	2009	2014	rVB4	61220	103583	1.82%	0.151%
22	15.480	2101	2107	2114	rBV	2812380	3958964	69.40%	5.770%
23	15.598	2121	2127	2135	rBV	650686	951165	16.67%	1.386%
24	15.845	2161	2169	2176	rVB	553398	744597	13.05%	1.085%
25	16.768	2322	2326	2330	rBV2	48657	73488	1.29%	0.107%
26	17.227	2395	2404	2409	rBV2	2473754	3679629	64.51%	5.363%
27	17.268	2409	2411	2416	rVV	317109	414239	7.26%	0.604%
28	17.327	2416	2421	2431	rVB2	2866707	4079253	71.51%	5.945%
29	18.121	2549	2556	2560	rBV2	492550	747672	13.11%	1.090%
30	18.298	2581	2586	2590	rBV3	92833	168844	2.96%	0.246%
31	18.603	2634	2638	2642	rBV	86600	123204	2.16%	0.180%
32	19.280	2745	2753	2760	rBV	1223781	1797387	31.51%	2.620%
33	19.397	2768	2773	2777	rBV	228947	313301	5.49%	0.457%
34	19.615	2804	2810	2814	rBV	3946992	5609120	98.33%	8.175%

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35	19.827	2843	2846	2847	rBV	66220	78050	1.37%	0.114%
36	20.139	2895	2899	2904	rVB	198764	257888	4.52%	0.376%
37	20.239	2912	2916	2919	rBV	145806	184959	3.24%	0.270%
38	21.109	3061	3064	3072	rVB3	566693	754771	13.23%	1.100%
39	21.180	3073	3076	3080	rVB2	138095	162252	2.84%	0.236%
40	21.315	3097	3099	3103	rVB	188415	161169	2.83%	0.235%
41	21.403	3107	3114	3117	rVV2	3683755	5704389	100.00%	8.314%
42	21.438	3117	3120	3129	rVB	735268	982392	17.22%	1.432%
43	23.003	3382	3386	3390	rBV2	554568	1061615	18.61%	1.547%
44	23.550	3474	3479	3485	rBV2	2593241	4843885	84.92%	7.060%
45	23.697	3498	3504	3510	rBV	2479362	4637035	81.29%	6.758%

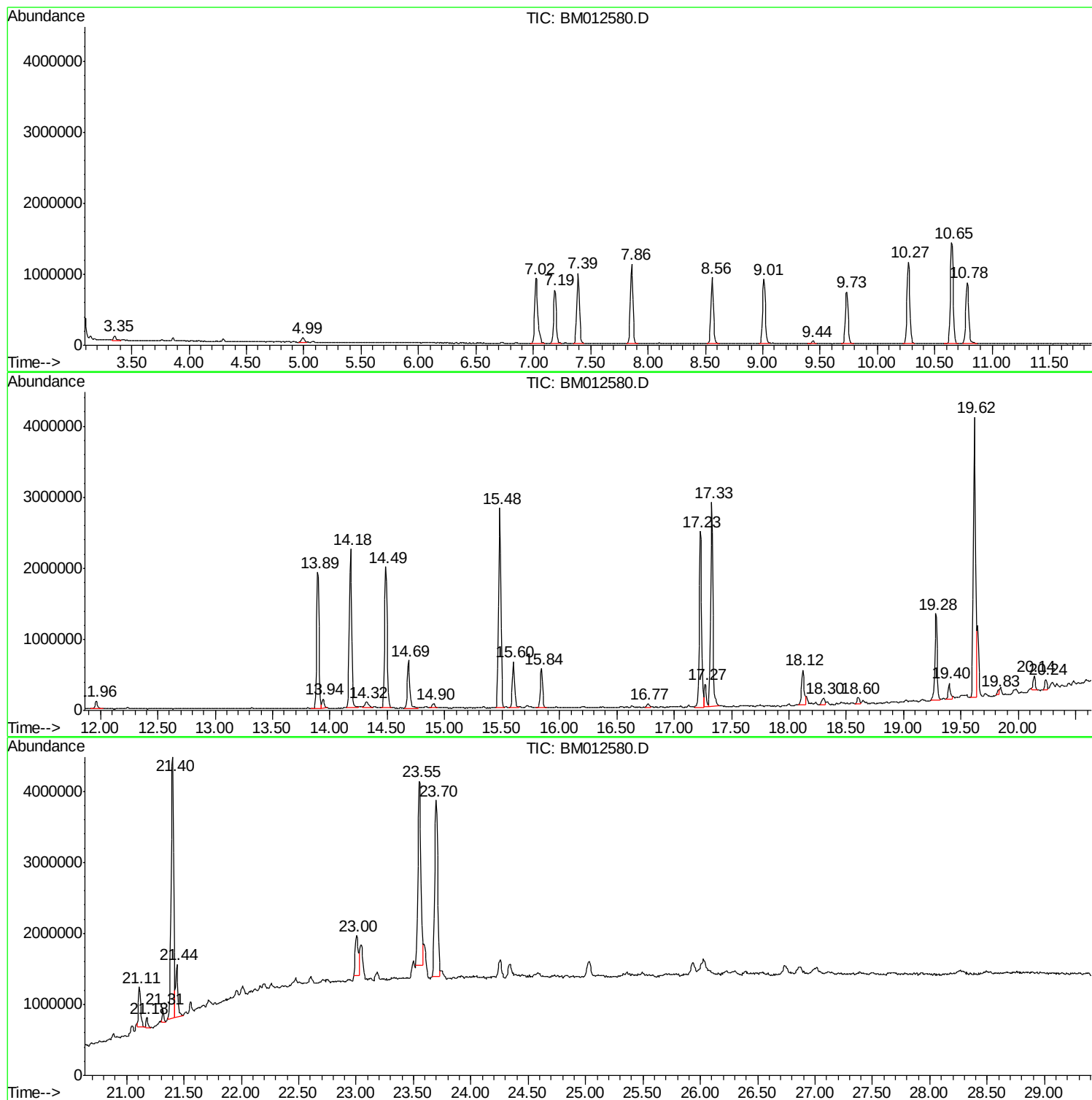
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

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



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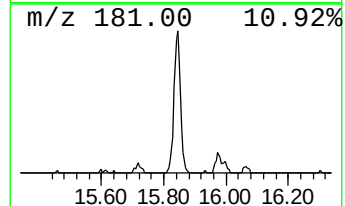
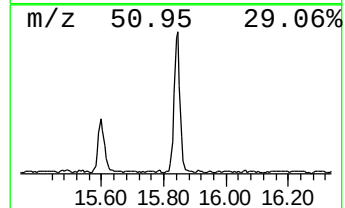
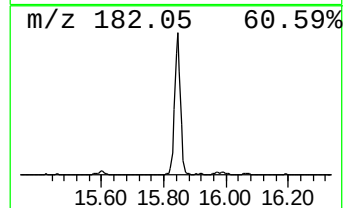
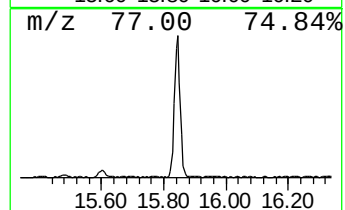
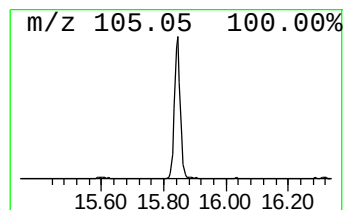
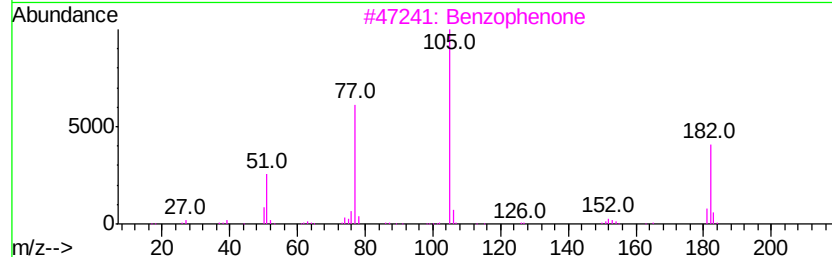
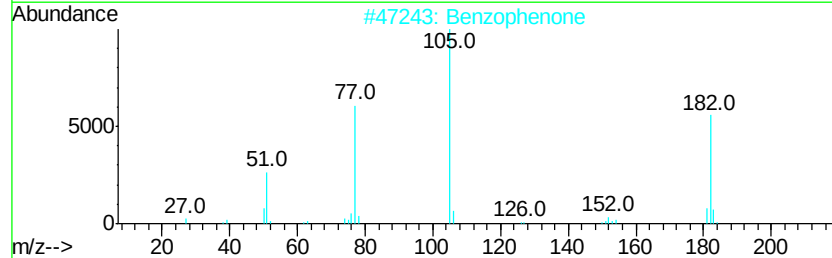
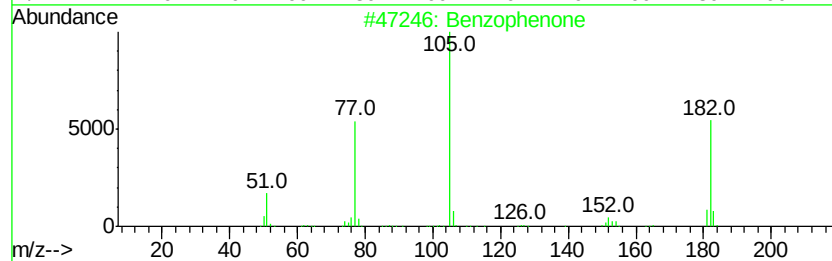
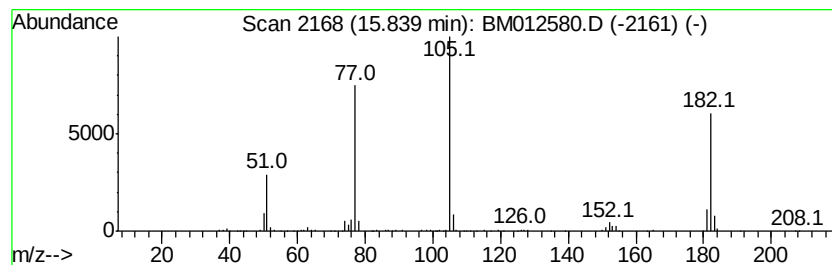
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Peak Number 1 Benzophenone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.84	4.94 ng/ul	744597	Acenaphthene-d10	14.49
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Benzophenone	182 C13H10O	000119-61-9	97
2	Benzophenone	182 C13H10O	000119-61-9	96
3	Benzophenone	182 C13H10O	000119-61-9	94
4	Benzophenone	182 C13H10O	000119-61-9	94
5	Benzophenone	182 C13H10O	000119-61-9	91



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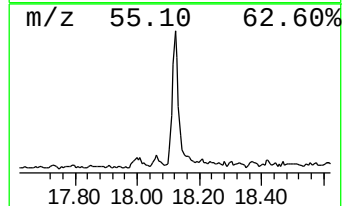
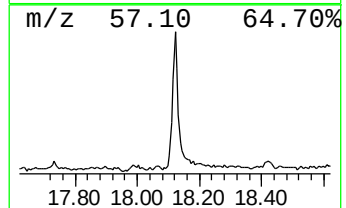
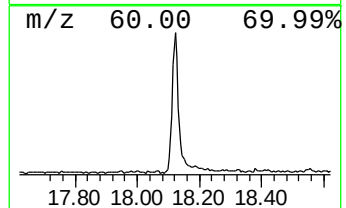
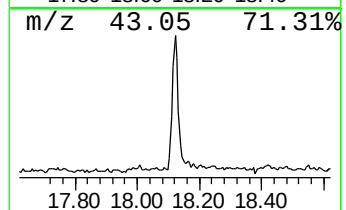
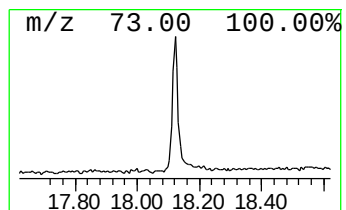
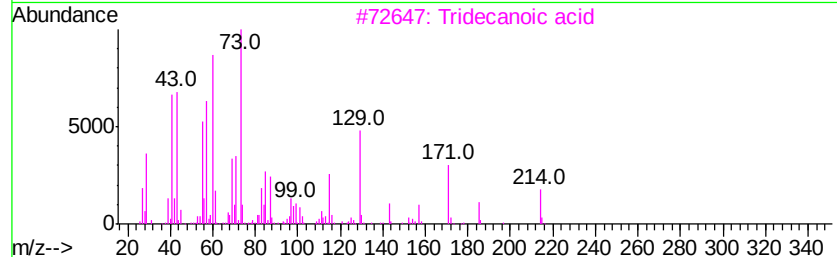
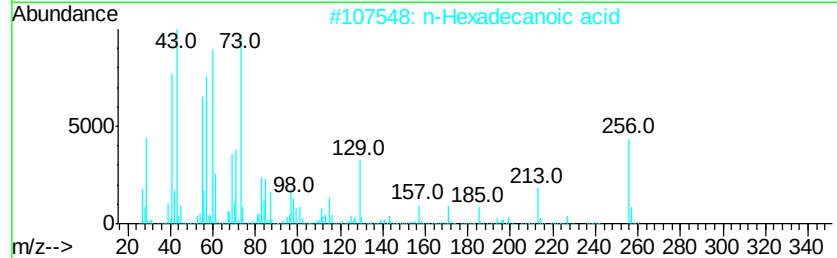
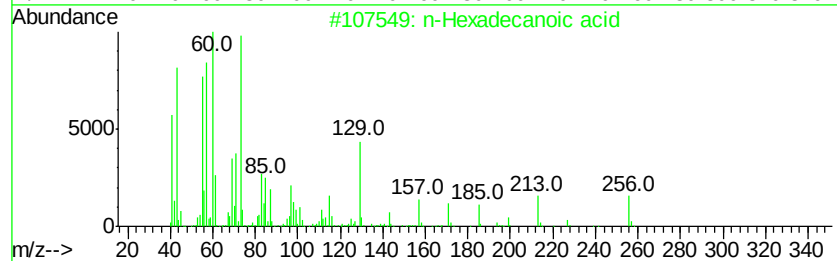
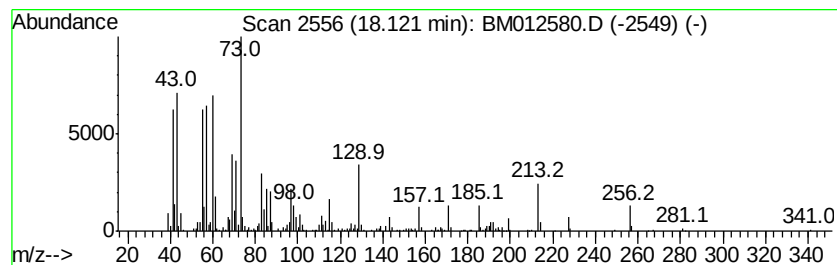
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Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.12	4.06 ng/ul	747672	Phenanthrene-d10	17.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
3		Tridecanoic acid	214	C13H26O2	000638-53-9	96
4		Tridecanoic acid	214	C13H26O2	000638-53-9	93
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	86



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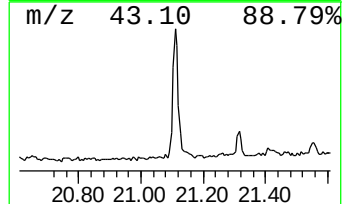
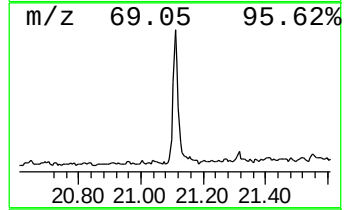
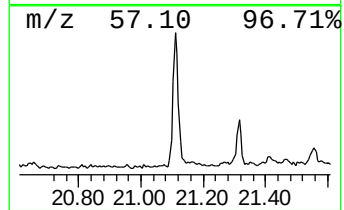
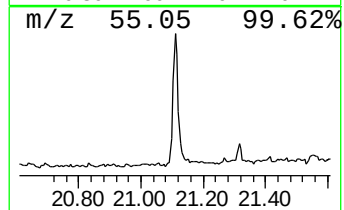
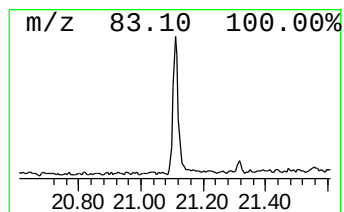
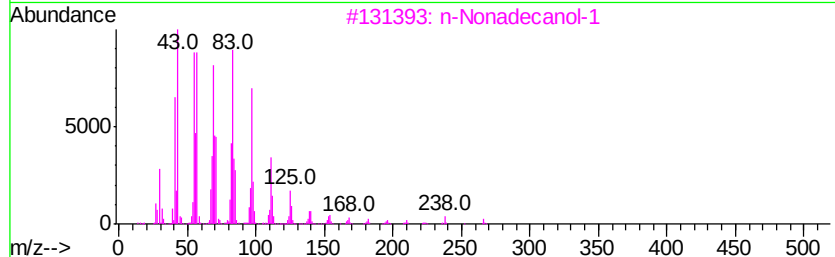
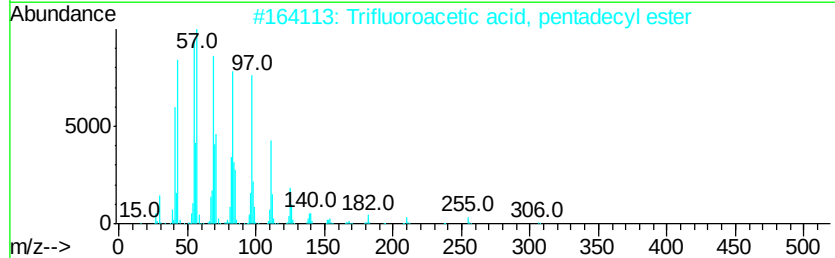
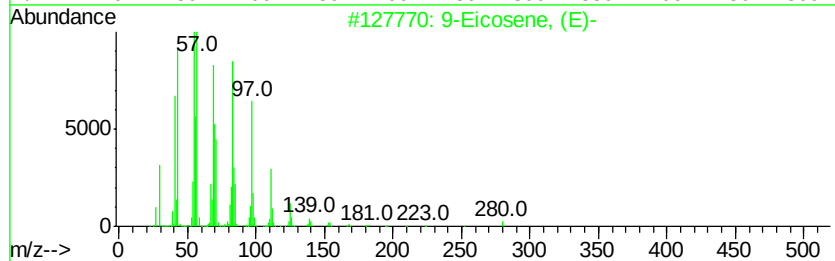
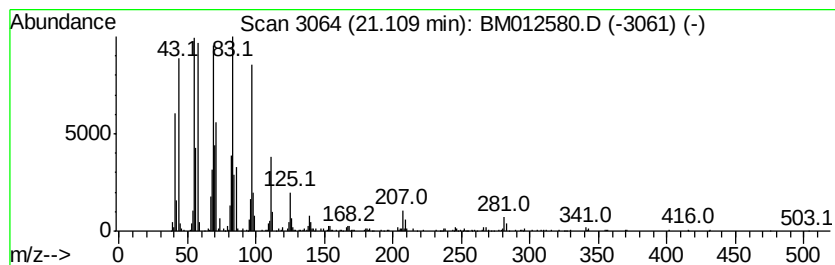
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Peak Number 3 (DEL) Alkane: Cyclic21.11 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.11	2.65 ng/ul	754771	Chrysene-d12	21.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9-Eicosene, (E)-	280	C20H40	074685-29-3	94
2		Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	94
3		n-Nonadecanol-1	284	C19H40O	001454-84-8	94
4		Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94
5		Behenic alcohol	326	C22H46O	000661-19-8	94



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Benzophenone	15.84	4.9	ng/ul	744597	3	14.49	3017160	20.0
n-Hexadecanoic acid	18.12	4.1	ng/ul	747672	4	17.23	3679630	20.0
(DEL) Alkane: Cyc...	21.11	2.6	ng/ul	754771	5	21.40	5704390	20.0