

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM042717\
 Data File : BM009763.D
 Acq On : 28 Apr 2017 04:53
 Operator : SJ/MA
 Sample : I2806-08
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JHSM7

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-BM042517.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	3.305	33	37	47	rVB	41290	67546	1.04%	0.103%
2	6.987	656	663	676	rBV	970437	1578696	24.38%	2.406%
3	7.158	686	692	701	rVB	719975	1112453	17.18%	1.696%
4	7.352	718	725	736	rBV	899279	1451552	22.42%	2.212%
5	7.822	794	805	811	rBV	666617	1076114	16.62%	1.640%
6	8.522	917	924	935	rBV	1165261	1909308	29.49%	2.910%
7	8.987	996	1003	1011	rBV	992787	1626215	25.12%	2.479%
8	9.704	1117	1125	1134	rBV2	857855	1439168	22.23%	2.194%
9	10.240	1208	1216	1224	rBV	1187678	1980283	30.58%	3.018%
10	10.616	1272	1280	1292	rBV	956569	1616706	24.97%	2.464%
11	10.763	1297	1305	1317	rBV	1159582	1993660	30.79%	3.039%
12	13.675	1793	1800	1804	rBV	62544	88051	1.36%	0.134%
13	13.875	1828	1834	1839	rBV	2239724	3152514	48.69%	4.805%
14	13.922	1839	1842	1848	rVB	422428	520853	8.04%	0.794%
15	14.163	1876	1883	1894	rVB	2556353	3663982	56.59%	5.585%
16	14.469	1927	1935	1942	rBV2	1509792	2308311	35.65%	3.518%
17	14.675	1964	1970	1982	rBV	1314120	2145562	33.14%	3.270%
18	15.292	2071	2075	2081	rVB	107637	133641	2.06%	0.204%
19	15.463	2098	2104	2111	rVB	3329947	4692814	72.48%	7.153%
20	15.592	2119	2126	2136	rBV	1371142	1877064	28.99%	2.861%
21	15.704	2138	2145	2148	rVV3	68267	110134	1.70%	0.168%
22	16.157	2217	2222	2230	rBV	140074	234651	3.62%	0.358%
23	16.951	2353	2357	2361	rBV	79734	93355	1.44%	0.142%
24	17.216	2396	2402	2411	rBV2	1990403	2905438	44.87%	4.429%
25	17.316	2413	2419	2426	rBV	3893991	5377743	83.06%	8.197%
26	18.092	2545	2551	2563	rBV	664917	977955	15.10%	1.491%
27	19.245	2740	2747	2754	rBV3	78611	170129	2.63%	0.259%
28	19.369	2764	2768	2777	rBV2	234376	349324	5.40%	0.532%
29	19.616	2803	2810	2819	rBV	4799642	6474867	100.00%	9.869%
30	20.098	2889	2892	2896	rBV6	45504	82535	1.27%	0.126%
31	20.621	2978	2981	2984	rVB3	59335	71240	1.10%	0.109%
32	21.086	3055	3060	3069	rBV	970588	1220607	18.85%	1.860%
33	21.398	3108	3113	3119	rBV	3133342	3754181	57.98%	5.722%
34	22.568	3309	3312	3318	rVB	194878	256464	3.96%	0.391%

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35	22.957	3374	3378	3382	rVB4	159822	241763	3.73%	0.368%
36	23.562	3473	3481	3488	rVB2	2876117	5494790	84.86%	8.375%
37	23.709	3500	3506	3513	rVB	1523977	2978603	46.00%	4.540%
38	24.298	3602	3606	3614	rVB3	193916	379210	5.86%	0.578%

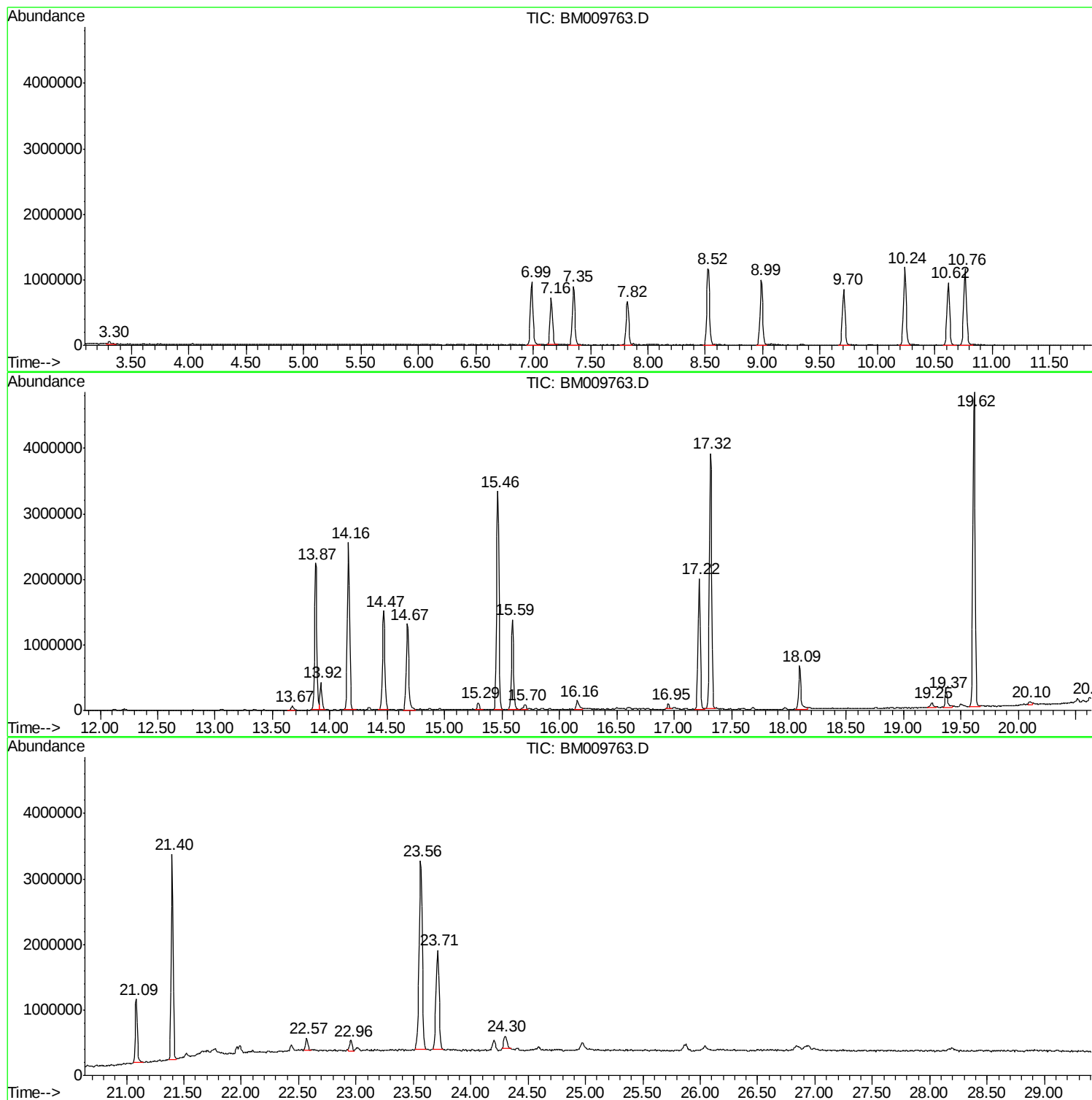
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M
Quant Title : SVOA CALIBRATION

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



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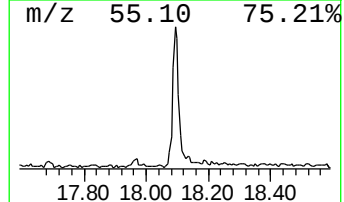
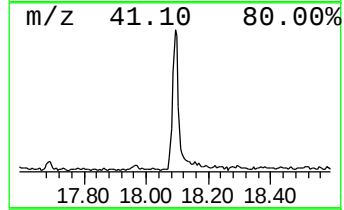
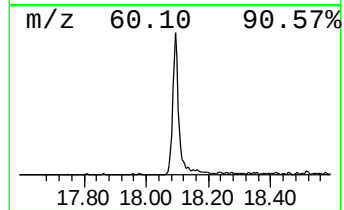
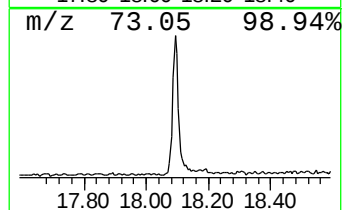
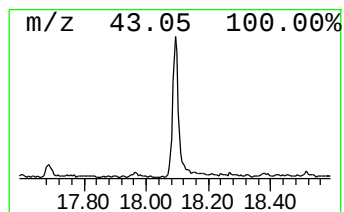
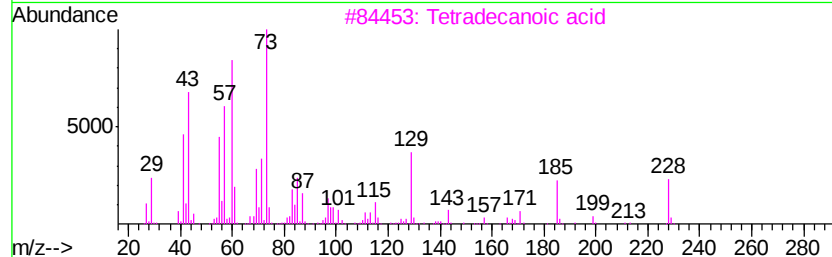
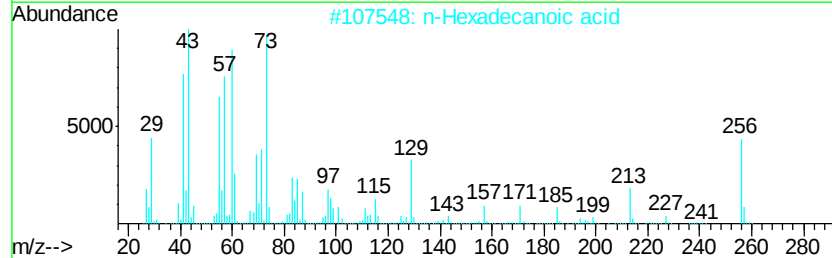
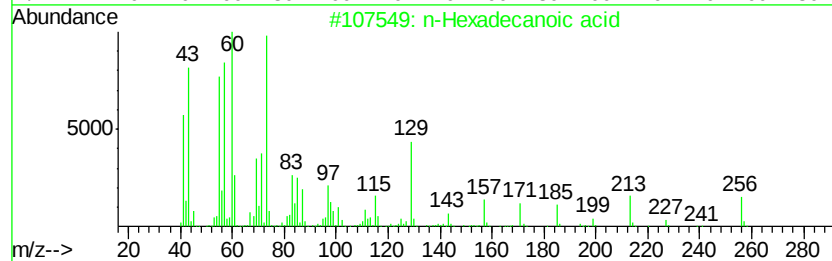
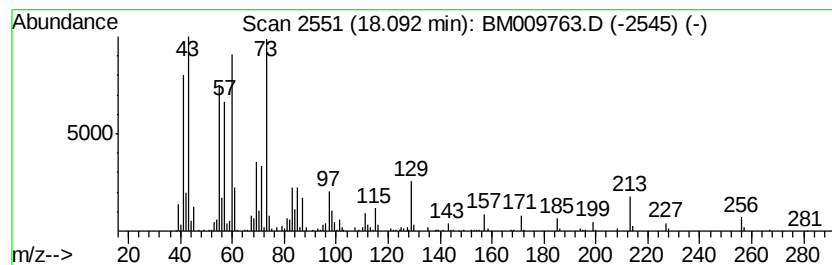
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Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD		R.T.	
18.09	6.73 ng/ul	977955	Phenanthrene-d10		17.22	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	95
4		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	83
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	83



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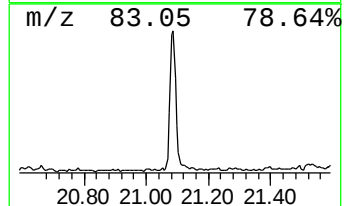
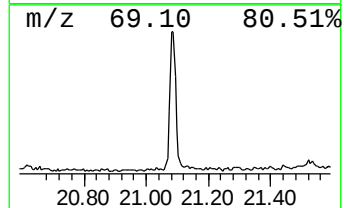
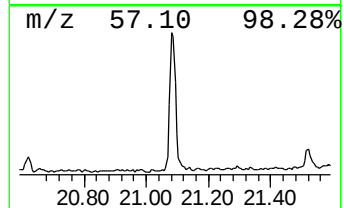
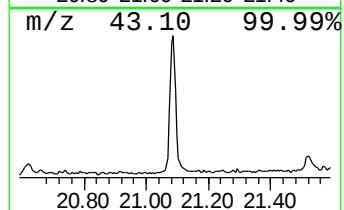
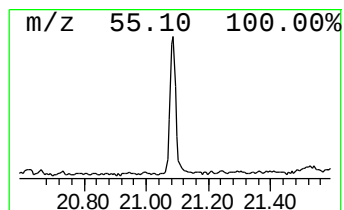
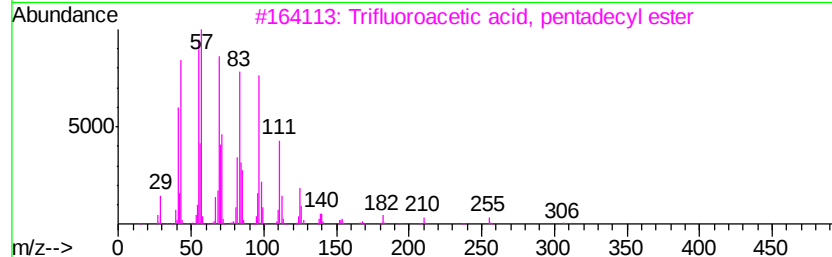
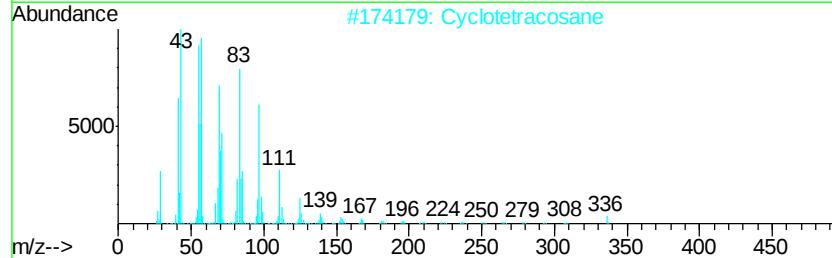
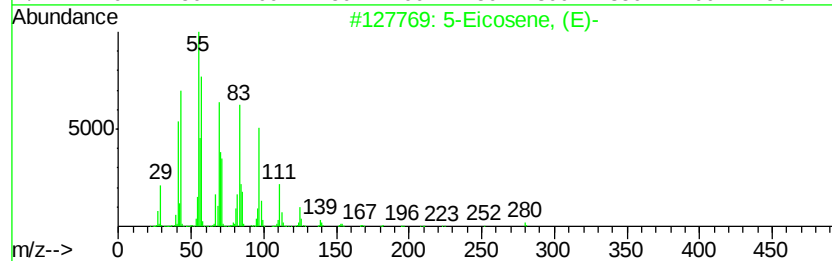
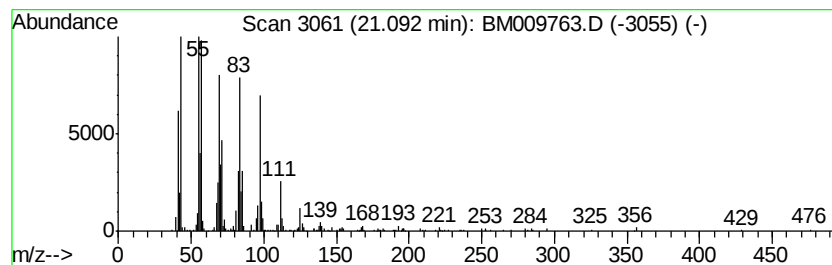
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Peak Number 2 (DEL) Alkane: Cyclic21.09 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
21.09	6.50 ng/ul	1220610	Chrysene-d12	21.40	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	99
2	Cyclotetracosane	336	C24H48	000297-03-0	95
3	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	94
4	3-Eicosene, (E)-	280	C20H40	074685-33-9	94
5	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94



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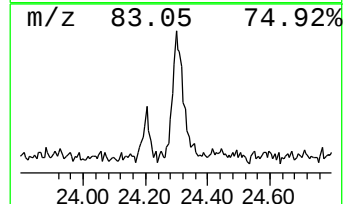
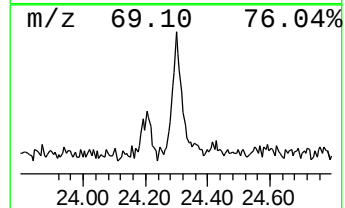
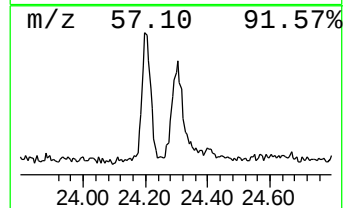
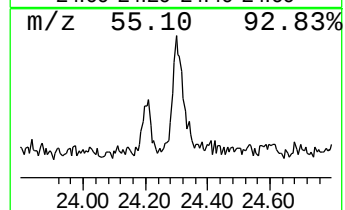
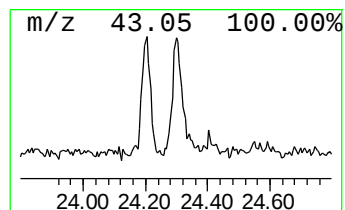
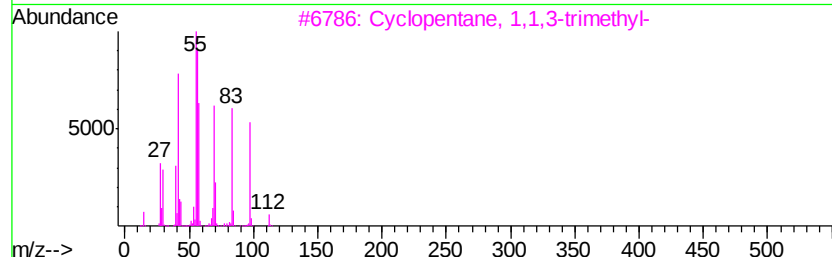
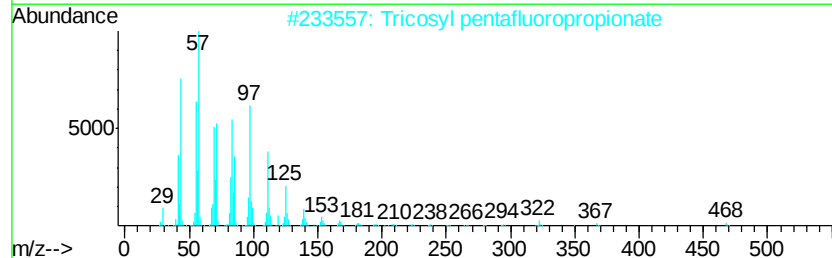
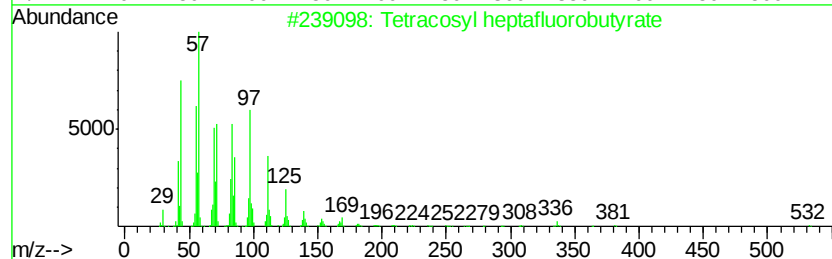
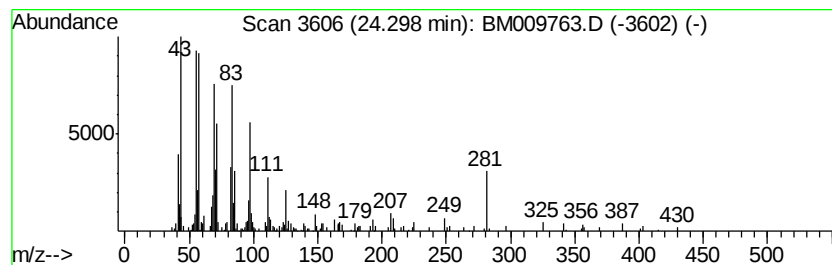
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Peak Number 3 Tetracosyl heptafluorobutyrate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.30	2.55 ng/ul	379210	Perylene-d12	23.71

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosyl heptafluorobutyrate	550	C28H49F7O2	1000351-83-7	55
2		Tricosyl pentafluoropropionate	486	C26H47F5O2	1000351-81-0	55
3		Cyclopentane, 1,1,3-trimethyl-	112	C8H16	004516-69-2	53
4		17-Pentatriacontene	491	C35H70	006971-40-0	52
5		Triacontyl heptafluorobutyrate	634	C34H61F7O2	1000351-83-2	49



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	18.09	6.7	ng/ul	977955	4	17.22	2905440	20.0
(DEL) Alkane: Cyc...	21.09	6.5	ng/ul	1220610	5	21.40	3754180	20.0
Tetracosyl heptaf...	24.30	2.5	ng/ul	379210	6	23.71	2978600	20.0