

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM090316\
 Data File : BM007380.D
 Acq On : 02 Sep 2016 22:47
 Operator : UM/SJ
 Sample : H4639-09
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BD386

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-BM082316.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	6.963	736	744	756	rBV	613973	1023653	13.94%	1.492%
2	7.128	766	772	783	rVB	466678	737221	10.04%	1.074%
3	7.328	799	806	820	rBV	631597	1036357	14.11%	1.510%
4	7.792	878	885	895	rBV	737246	1208034	16.45%	1.760%
5	8.492	996	1004	1015	rBV	829922	1356567	18.48%	1.977%
6	8.945	1074	1081	1092	rBV	660316	1112061	15.15%	1.620%
7	9.663	1197	1203	1214	rBV	570349	987836	13.45%	1.439%
8	10.198	1285	1294	1310	rBV	871081	1514621	20.63%	2.207%
9	10.580	1351	1359	1367	rBV	1108909	1917275	26.11%	2.794%
10	10.716	1374	1382	1400	rBV	387908	714508	9.73%	1.041%
11	13.833	1905	1912	1916	rBV	2029501	2866189	39.04%	4.176%
12	13.880	1916	1920	1928	rVB	829494	1137098	15.49%	1.657%
13	14.115	1953	1960	1973	rVB	2119139	3171174	43.19%	4.621%
14	14.427	2006	2013	2022	rVB2	1947884	2967091	40.41%	4.323%
15	14.621	2038	2046	2067	rBV	869556	1524156	20.76%	2.221%
16	15.415	2175	2181	2188	rBV	2813734	4200333	57.21%	6.120%
17	15.539	2196	2202	2211	rBV	935622	1318441	17.96%	1.921%
18	16.133	2299	2303	2311	rBV	67932	115587	1.57%	0.168%
19	16.933	2430	2439	2457	rBV2	303491	557166	7.59%	0.812%
20	17.168	2472	2479	2486	rBV	2909127	4061153	55.31%	5.918%
21	17.268	2489	2496	2505	rVB	3389853	4937744	67.25%	7.195%
22	18.056	2625	2630	2640	rBV	374696	593446	8.08%	0.865%
23	19.197	2818	2824	2826	rBV	59208	91570	1.25%	0.133%
24	19.339	2843	2848	2855	rBV2	98845	170042	2.32%	0.248%
25	19.562	2879	2886	2891	rBV	4731343	6677337	90.94%	9.730%
26	21.056	3135	3140	3151	rBV	686350	1127429	15.35%	1.643%
27	21.350	3184	3190	3200	rBV	4683850	6182654	84.20%	9.009%
28	21.950	3289	3292	3302	rVB6	118960	239931	3.27%	0.350%
29	22.397	3365	3368	3372	rVB2	75221	89987	1.23%	0.131%
30	22.909	3451	3455	3459	rBV	150149	207977	2.83%	0.303%
31	22.962	3460	3464	3473	rVB5	87881	185085	2.52%	0.270%
32	23.474	3543	3551	3561	rVB2	3876197	7342592	100.00%	10.699%
33	23.615	3567	3575	3584	rVB	3080317	6055225	82.47%	8.823%
34	24.132	3658	3663	3670	rVB2	212005	426391	5.81%	0.621%

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35	24.227	3673	3679	3692	rBV5	156478	471210	6.42%	0.687%
36	24.891	3787	3792	3799	rVB2	152687	302666	4.12%	0.441%

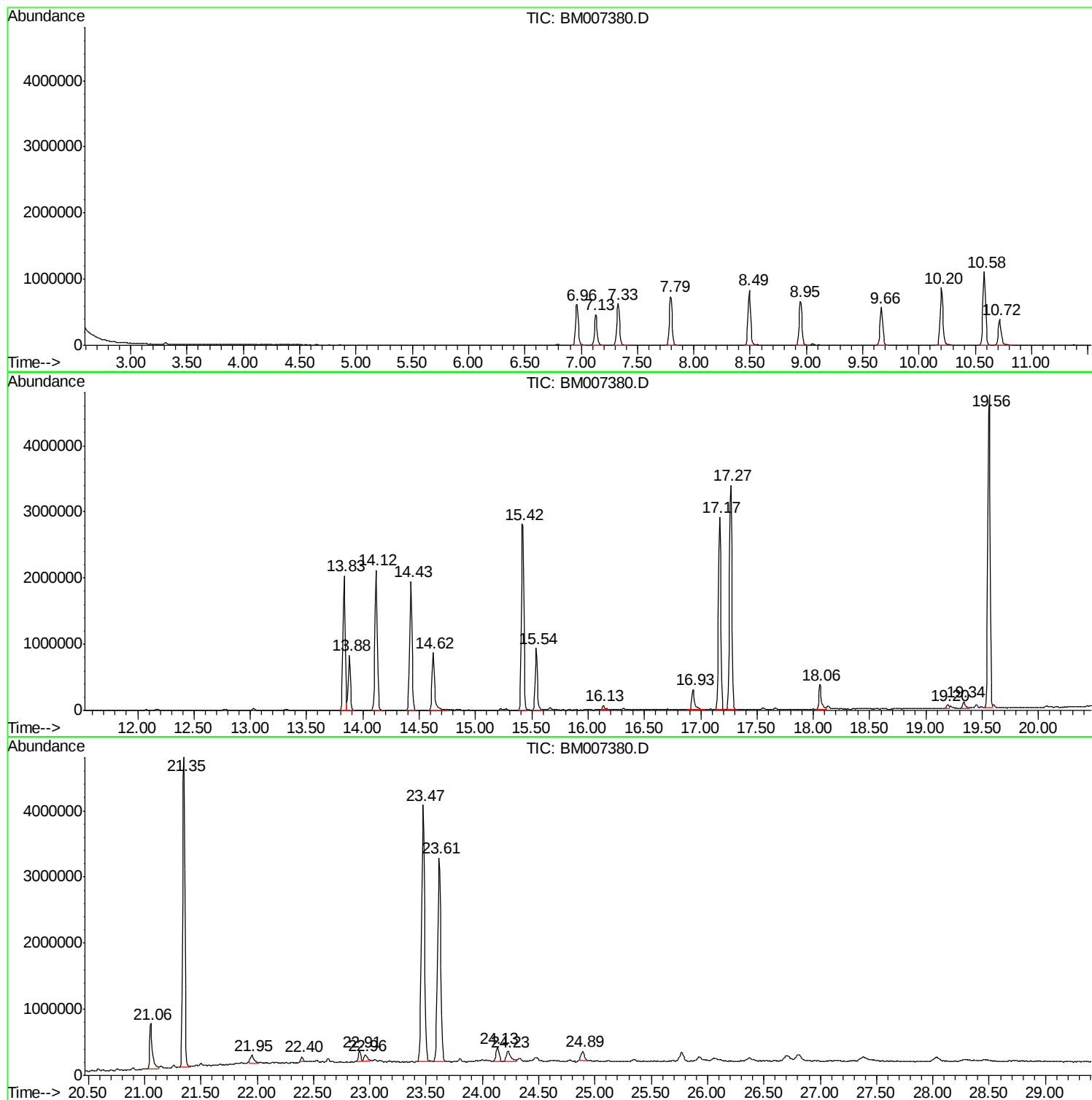
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM082316.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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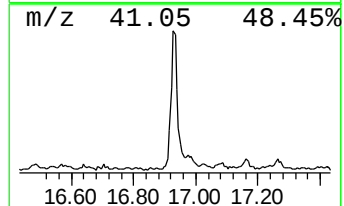
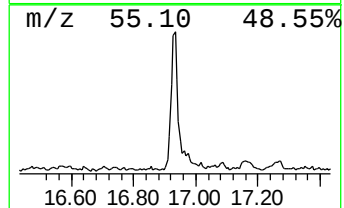
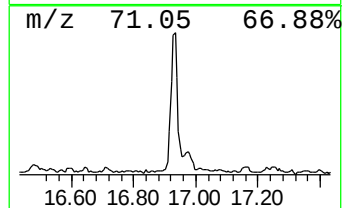
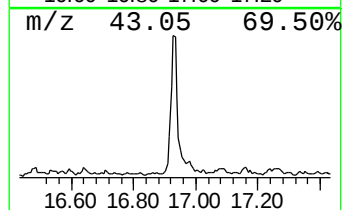
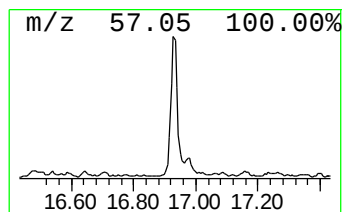
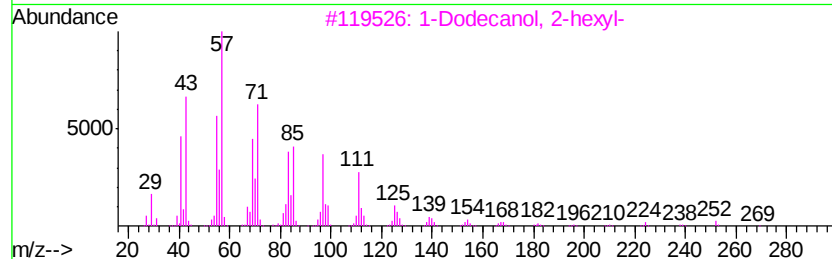
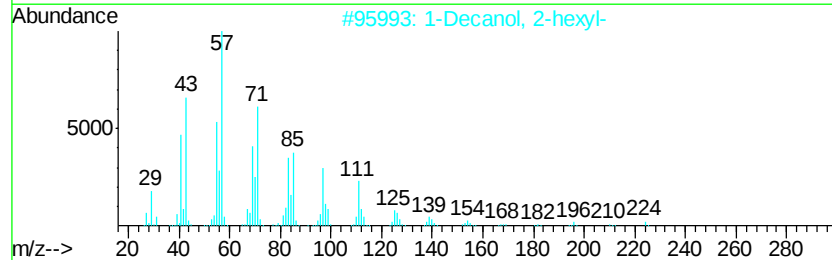
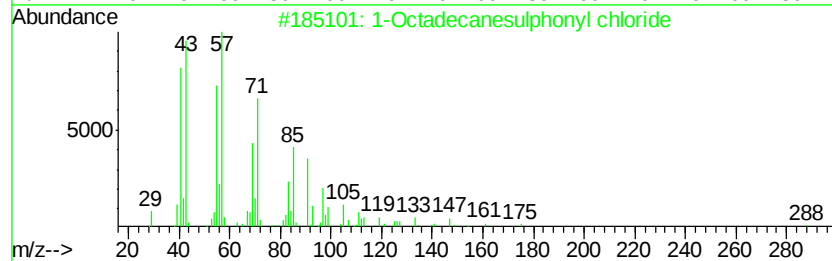
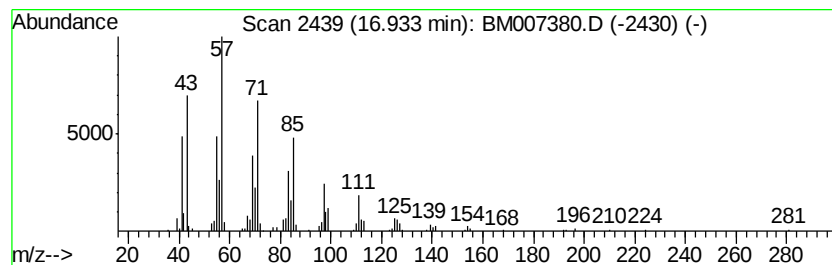
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 1 1-Octadecanesulphonyl chloride Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.93	2.74 ng/ul	557166	Phenanthrene-d10	17.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	87
2		1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	87
3		1-Dodecanol, 2-hexyl-	270	C18H38O	110225-00-8	87
4		1-Decanol, 2-octyl-	270	C18H38O	045235-48-1	86
5		Oxalic acid, isobutyl tetradecyl...	342	C20H38O4	1000309-37-9	86



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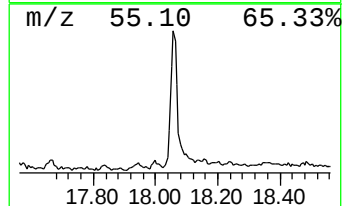
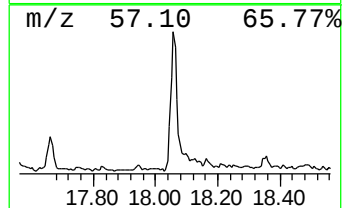
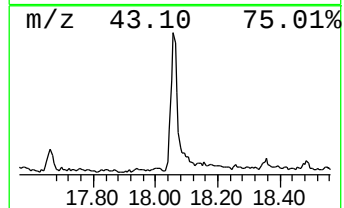
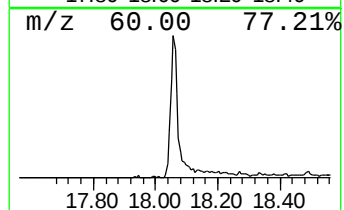
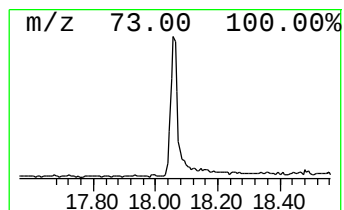
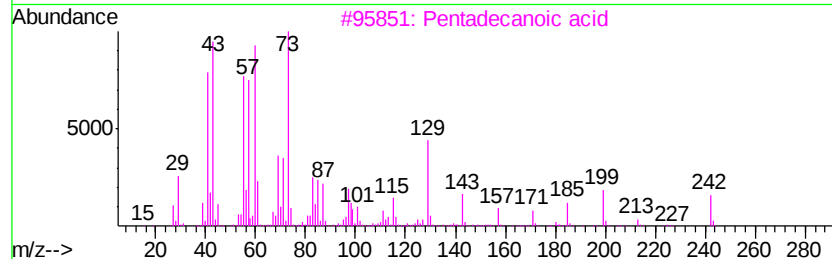
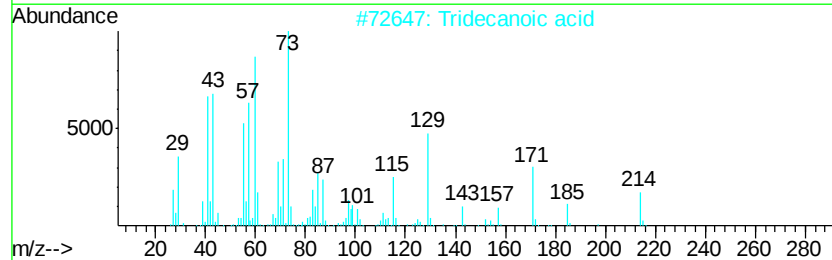
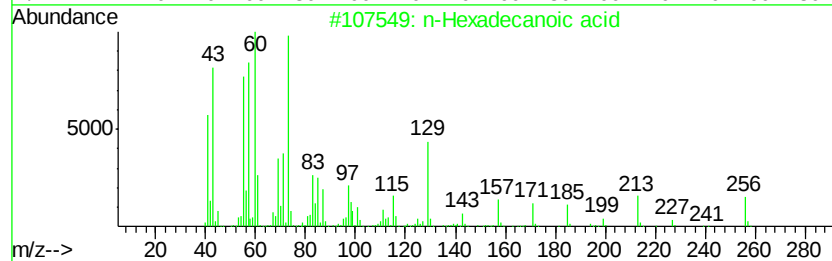
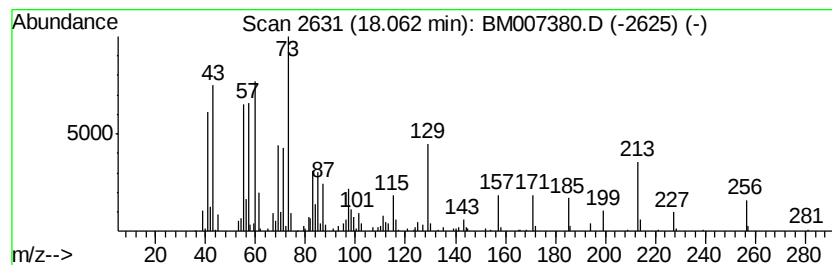
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Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.		
18.06	2.92 ng/ul	593446	Phenanthrene-d10		17.17		
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	89
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	83
4			Undecanoic acid	186	C11H22O2	000112-37-8	83
5			Tridecanoic acid	214	C13H26O2	000638-53-9	81



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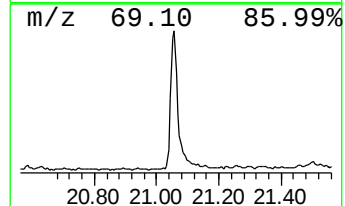
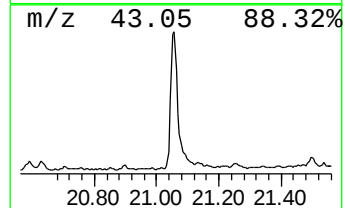
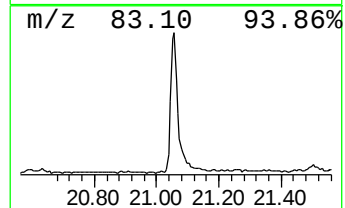
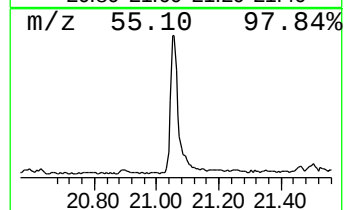
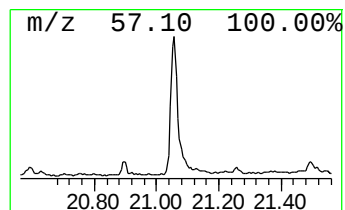
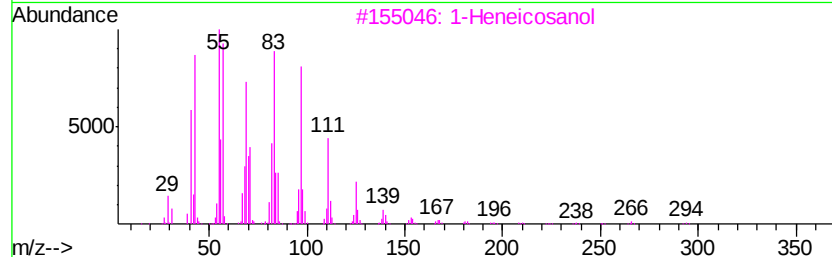
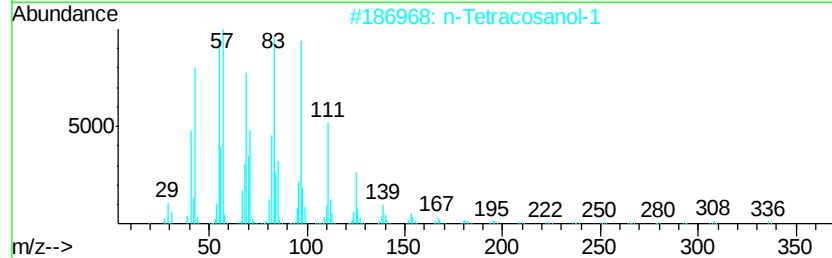
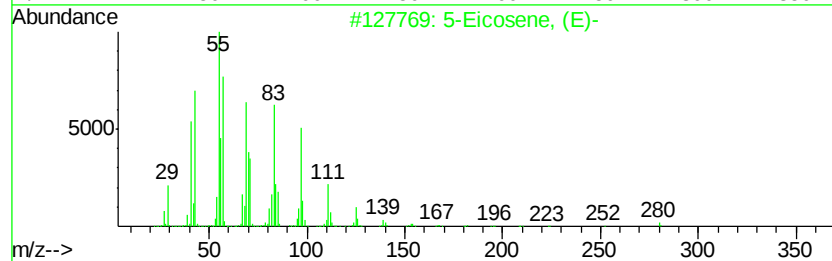
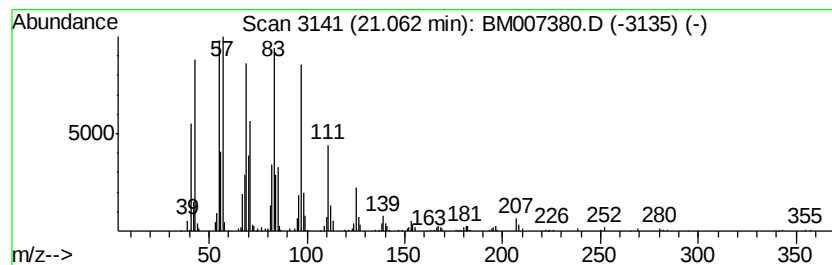
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Peak Number 3 (DEL) Alkane: Cyclic21.06 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.06	3.65 ng/ul	1127430	Chrysene-d12	21.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Eicosene, (E)-	280	C20H40	074685-30-6	98
2		n-Tetracosanol-1	354	C24H50O	000506-51-4	95
3		1-Heneicosanol	312	C21H44O	015594-90-8	95
4		n-Nonadecanol-1	284	C19H40O	001454-84-8	94
5		Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	93



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
1-Octadecanesulph...	16.93	2.7	ng/ul	557166	4	17.17	4061150	20.0
n-Hexadecanoic acid	18.06	2.9	ng/ul	593446	4	17.17	4061150	20.0
(DEL) Alkane: Cyc...	21.06	3.6	ng/ul	1127430	5	21.35	6182650	20.0