

Data Path : Z:\HPCHEM1\BNA M\Data\BM020218\
 Data File : BM014125.D
 Acq On : 02 Feb 2018 22:10
 Operator : SJ/JU
 Sample : J1355-08
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F6D52

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-BM013118.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	3.116	19	22	27	rBV2	32037	44091	1.11%	0.107%
2	3.822	136	142	147	rBV	197158	273872	6.88%	0.662%
3	6.740	632	638	653	rBV	591927	1088922	27.37%	2.630%
4	6.904	659	666	679	rBV	432300	697548	17.53%	1.685%
5	7.087	691	697	713	rBV	666750	1089996	27.40%	2.633%
6	7.551	770	776	786	rBV	436052	716951	18.02%	1.732%
7	8.269	891	898	916	rBV	778234	1366687	34.35%	3.301%
8	8.710	966	973	986	rBV	672290	1156587	29.07%	2.794%
9	9.422	1088	1094	1111	rBV	585556	1080661	27.16%	2.611%
10	9.957	1179	1185	1195	rBV	754852	1442805	36.27%	3.485%
11	10.322	1238	1247	1258	rBV	593150	985051	24.76%	2.380%
12	10.481	1265	1274	1290	rBV	639420	1327216	33.36%	3.206%
13	13.627	1802	1809	1814	rBV	1610842	2245468	56.44%	5.424%
14	13.674	1814	1817	1824	rVB	241643	381942	9.60%	0.923%
15	13.898	1848	1855	1866	rBV	1709154	2621481	65.89%	6.333%
16	14.110	1885	1891	1897	rBV3	41856	64184	1.61%	0.155%
17	14.210	1901	1908	1916	rBV2	852474	1333624	33.52%	3.222%
18	14.451	1943	1949	1967	rBV2	368793	890113	22.37%	2.150%
19	15.069	2050	2054	2059	rVB	69539	93254	2.34%	0.225%
20	15.210	2072	2078	2089	rBV	2226703	3179276	79.92%	7.680%
21	15.357	2097	2103	2116	rBV	592679	953847	23.98%	2.304%
22	15.457	2116	2120	2122	rBV3	27924	40121	1.01%	0.097%
23	15.939	2197	2202	2209	rBV	65660	101620	2.55%	0.245%
24	16.733	2333	2337	2341	rBV3	28421	42951	1.08%	0.104%
25	16.962	2371	2376	2386	rBV	1088880	1539972	38.71%	3.720%
26	17.062	2387	2393	2404	rBV2	2324421	3405500	85.60%	8.227%
27	17.874	2525	2531	2543	rBV	310261	535490	13.46%	1.294%
28	19.009	2720	2724	2728	rBV3	43678	68950	1.73%	0.167%
29	19.162	2746	2750	2759	rBV2	138701	236740	5.95%	0.572%
30	19.262	2763	2767	2773	rVB4	28080	46579	1.17%	0.113%
31	19.368	2779	2785	2793	rBV	3002966	3851675	96.82%	9.304%
32	20.309	2939	2945	2949	rBV8	40138	75945	1.91%	0.183%
33	20.886	3039	3043	3052	rBV	430722	655645	16.48%	1.584%
34	21.168	3087	3091	3099	rBV	1278879	1827385	45.93%	4.414%

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35	23.215	3431	3439	3447	rBV2	2180104	3978316	100.00%	9.610%
36	23.350	3456	3462	3473	rVB	892162	1717476	43.17%	4.149%
37	23.939	3557	3562	3571	rVB8	102798	238382	5.99%	0.576%

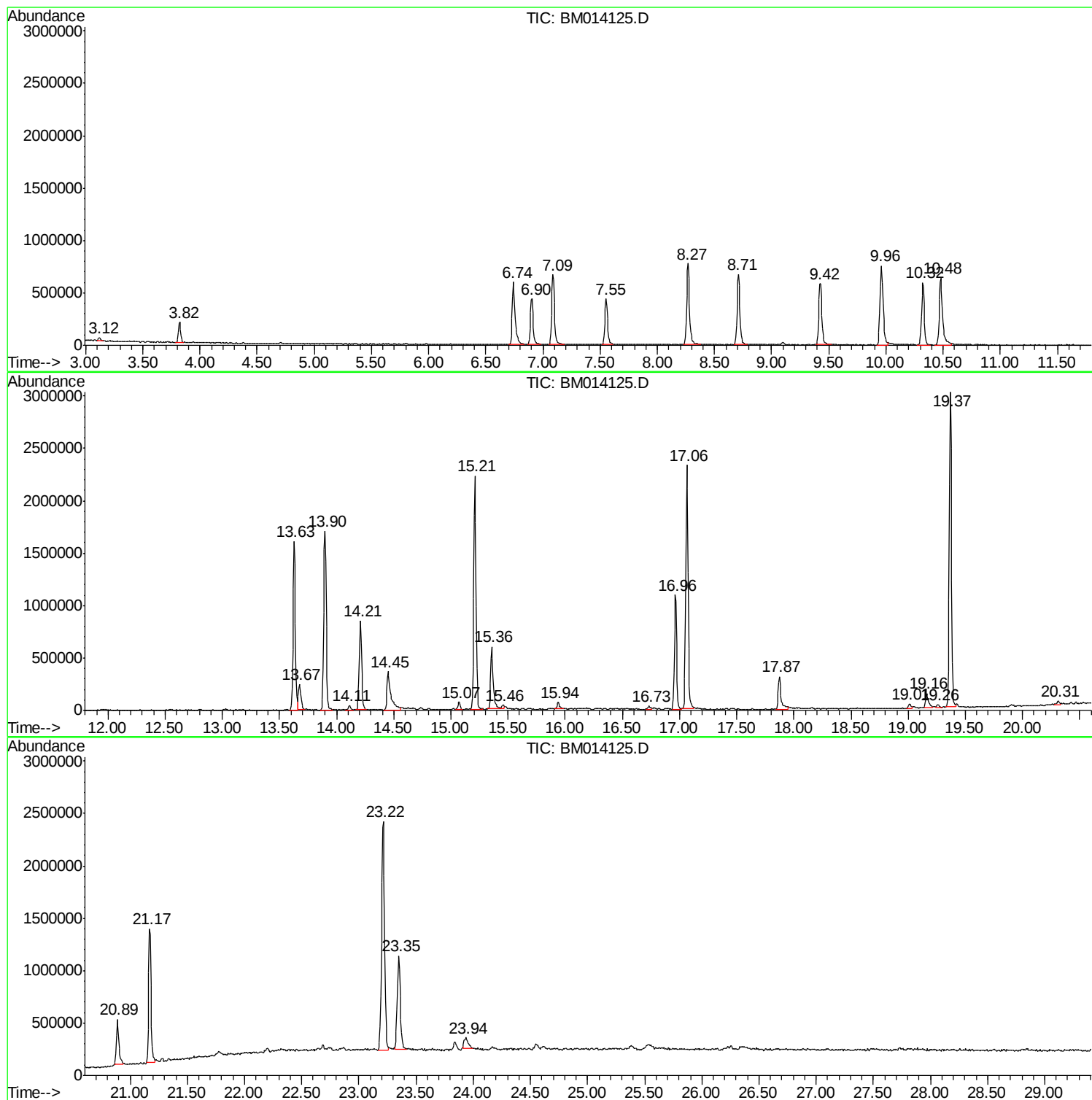
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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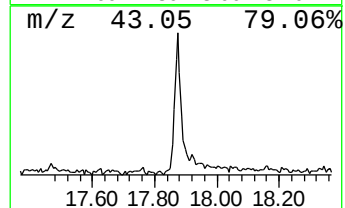
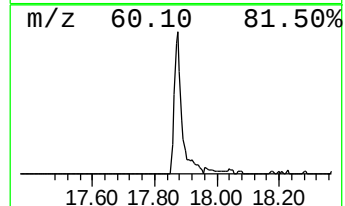
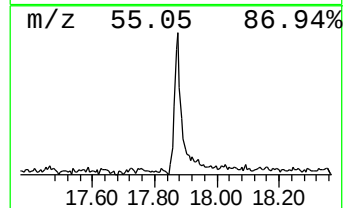
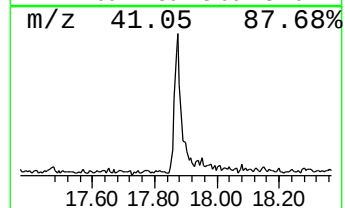
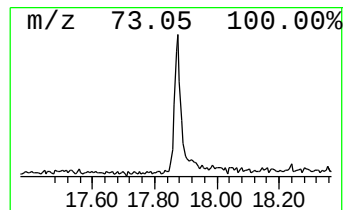
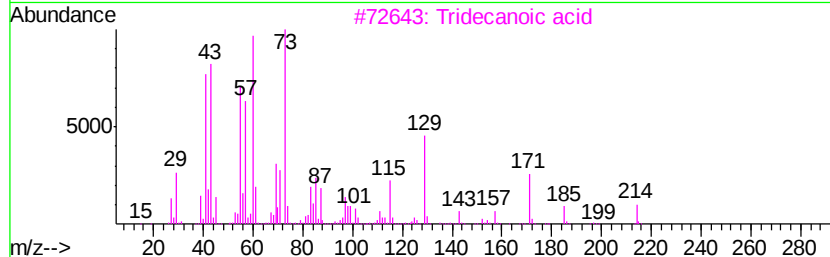
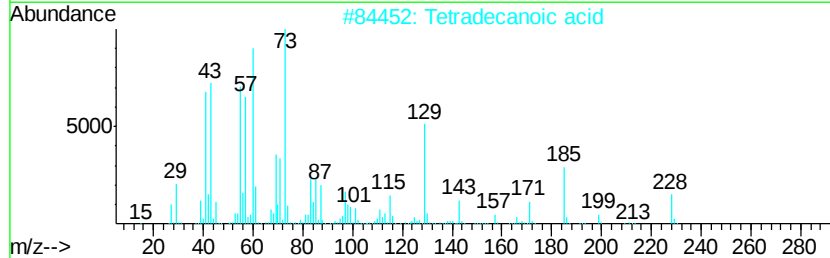
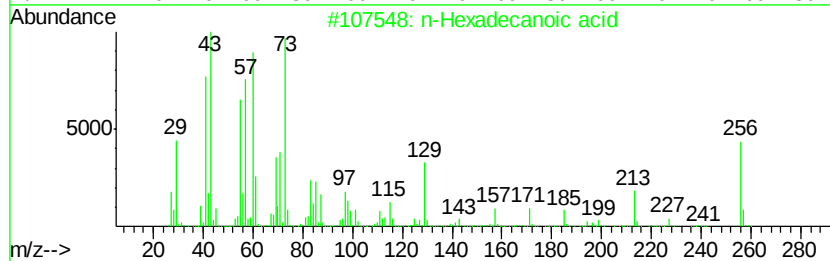
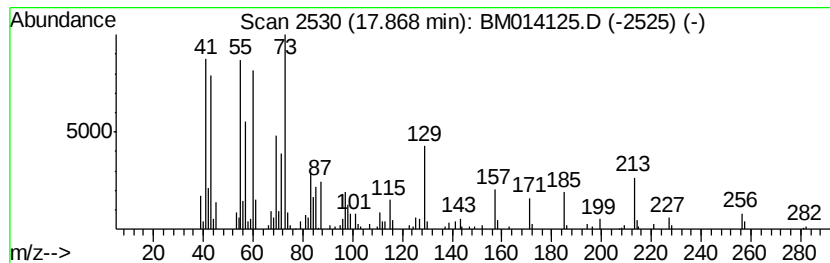
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.87	6.95 ng/ul	535490	Phenanthrene-d10	16.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
2		Tetradecanoic acid	228	C14H28O2	000544-63-8	90
3		Tridecanoic acid	214	C13H26O2	000638-53-9	90
4		Tridecanoic acid	214	C13H26O2	000638-53-9	83
5		Tridecanoic acid	214	C13H26O2	000638-53-9	80



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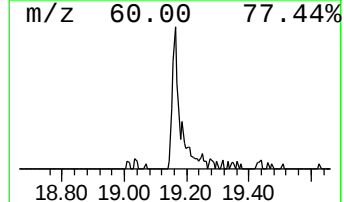
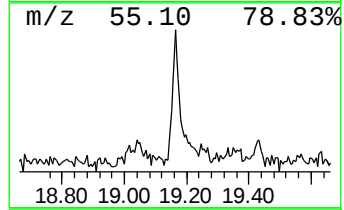
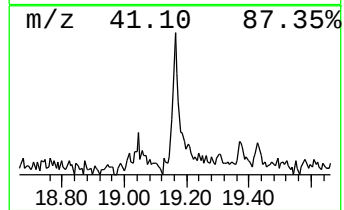
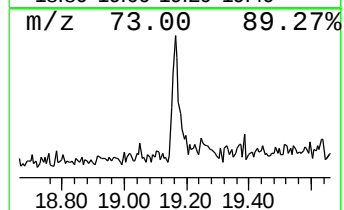
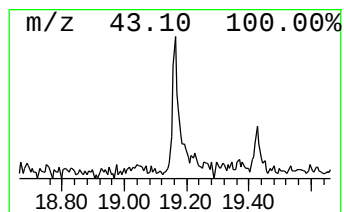
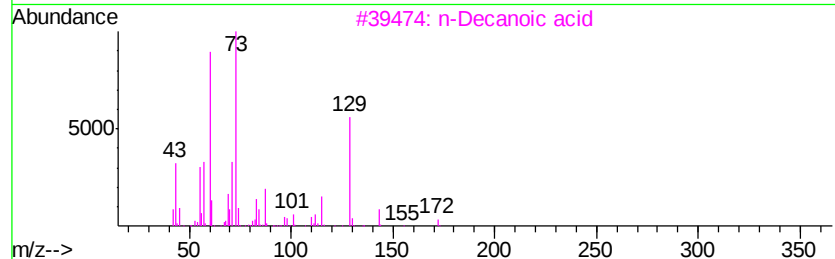
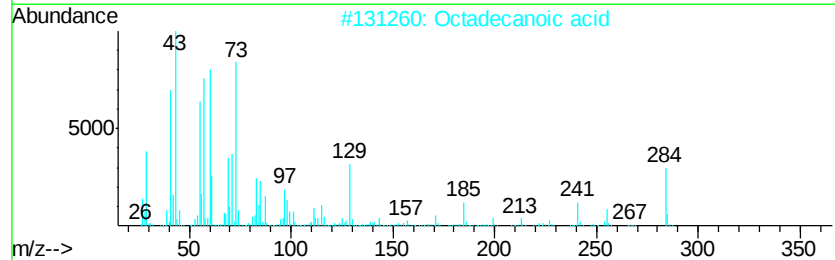
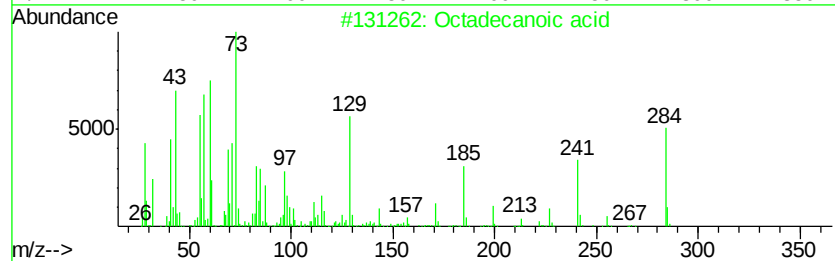
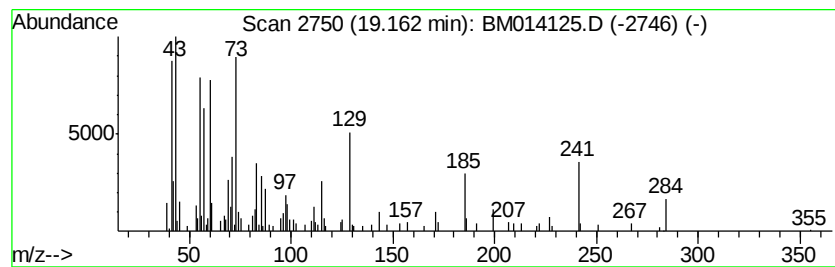
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Peak Number 3 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.16	2.59 ng/ul	236740	Chrysene-d12	21.17

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	94	
2	Octadecanoic acid	284	C18H36O2	000057-11-4	93	
3	n-Decanoic acid	172	C10H20O2	000334-48-5	86	
4	Tridecanoic acid	214	C13H26O2	000638-53-9	72	
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	64	



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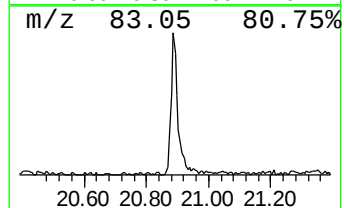
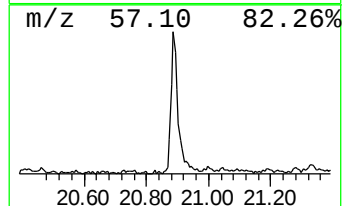
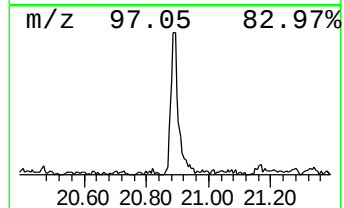
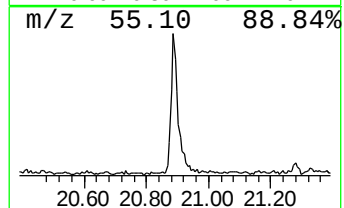
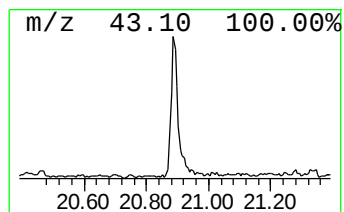
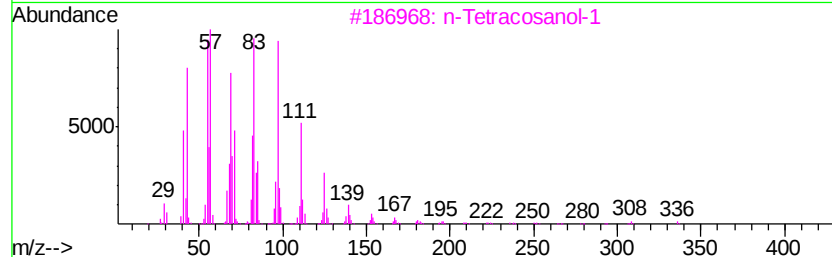
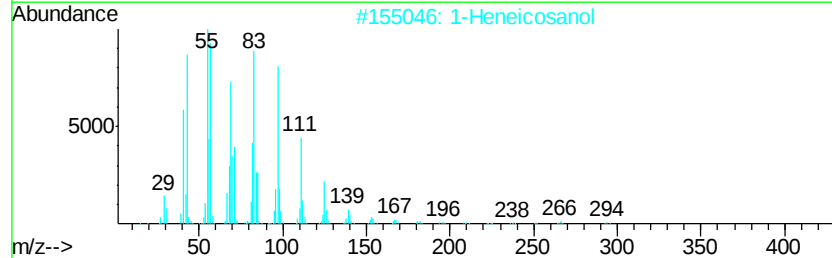
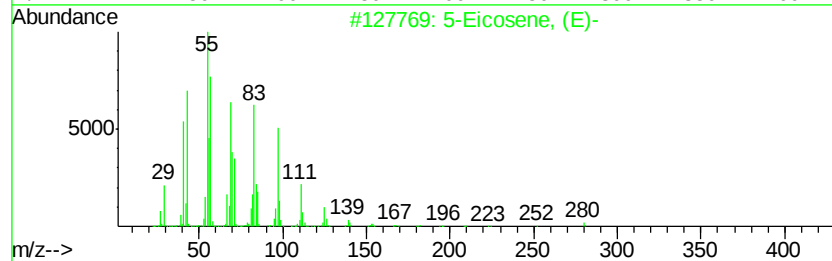
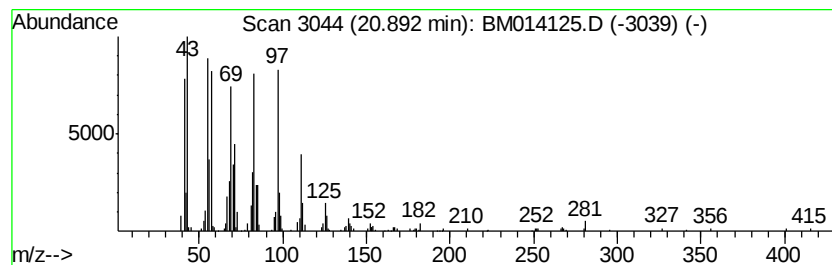
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Peak Number 4 (DEL) Alkane: Cyclic20.89 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.89	7.18 ng/ul	655645	Chrysene-d12	21.17

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-		280	C20H40	074685-30-6	97
2	1-Heneicosanol		312	C21H44O	015594-90-8	95
3	n-Tetracosanol-1		354	C24H50O	000506-51-4	94
4	n-Heptadecanol-1		256	C17H36O	001454-85-9	93
5	n-Nonadecanol-1		284	C19H40O	001454-84-8	93



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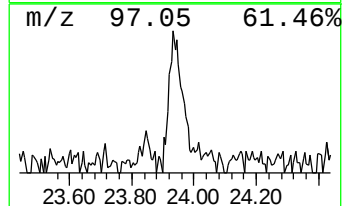
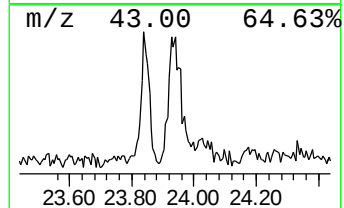
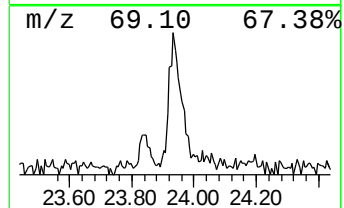
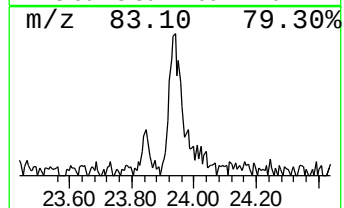
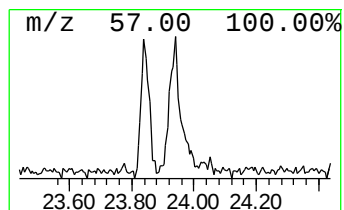
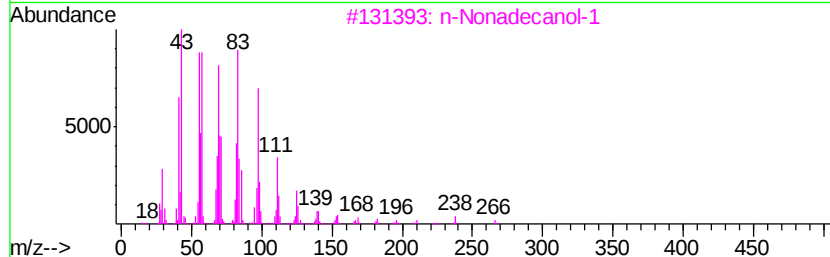
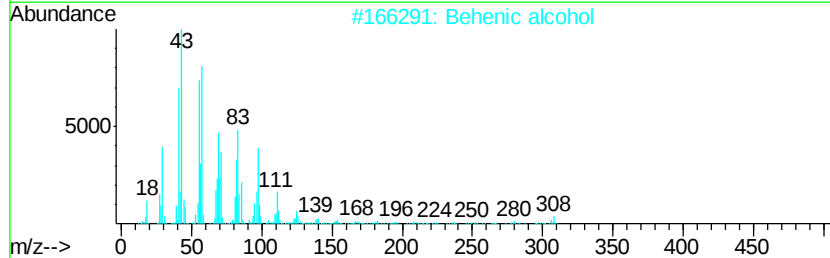
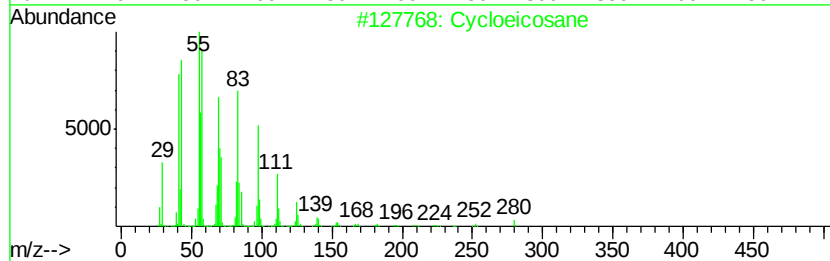
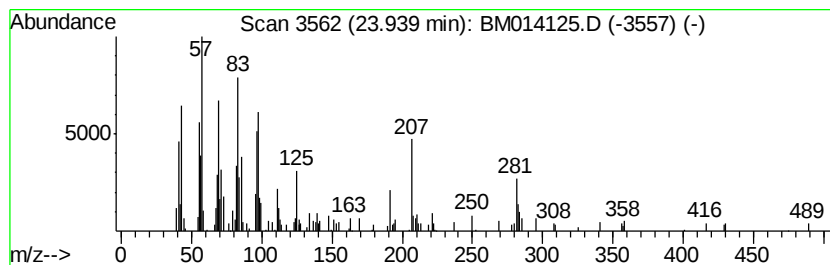
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Peak Number 5 (DEL) Alkane: Cyclic23.94 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.94	2.78 ng/ul	238382	Perylene-d12	23.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cycloeicosane	280	C20H40	000296-56-0	64
2		Behenic alcohol	326	C22H46O	000661-19-8	53
3		n-Nonadecanol-1	284	C19H40O	001454-84-8	50
4		Heptadecyl heptafluorobutyrte	452	C21H35F7O2	959085-66-6	49
5		Acetic acid, chloro-, hexadecyl ...	318	C18H35ClO2	052132-58-8	45



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.87	7.0	ng/ul	535490	4	16.96	1539970	20.0
Octadecanoic acid	19.16	2.6	ng/ul	236740	5	21.17	1827390	20.0
(DEL) Alkane: Cyc...	20.89	7.2	ng/ul	655645	5	21.17	1827390	20.0
(DEL) Alkane: Cyc...	23.94	2.8	ng/ul	238382	6	23.35	1717480	20.0