

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012618\
 Data File : BM013849.D
 Acq On : 26 Jan 2018 18:18
 Operator : SJ/JU
 Sample : J1244-13
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F6B54

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	3.146	24	27	30	rBV2	28818	30086	1.01%	0.095%
2	6.775	638	644	659	rBV2	502495	929069	31.04%	2.938%
3	6.934	664	671	680	rBV	393330	614245	20.52%	1.943%
4	7.122	697	703	712	rBV	582396	899326	30.04%	2.844%
5	7.587	776	782	790	rBV	497553	785073	26.23%	2.483%
6	8.298	896	903	920	rBV	595231	1065515	35.59%	3.370%
7	8.740	971	978	987	rBV	512974	881135	29.44%	2.787%
8	9.457	1094	1100	1111	rBV2	427956	764107	25.53%	2.417%
9	9.998	1183	1192	1205	rBV	594495	1100138	36.75%	3.479%
10	10.357	1246	1253	1260	rBV	591376	999230	33.38%	3.160%
11	10.510	1272	1279	1292	rBV	505332	995297	33.25%	3.148%
12	13.657	1808	1814	1819	rBV	1088219	1506614	50.33%	4.765%
13	13.704	1819	1822	1830	rVB	209071	316067	10.56%	1.000%
14	13.927	1853	1860	1871	rBV	1283784	1845388	61.65%	5.837%
15	14.145	1892	1897	1902	rVV3	25891	35295	1.18%	0.112%
16	14.239	1906	1913	1920	rBV2	769948	1219500	40.74%	3.857%
17	14.304	1920	1924	1931	rVB3	27236	45263	1.51%	0.143%
18	14.486	1948	1955	1967	rBV2	178298	433473	14.48%	1.371%
19	14.651	1977	1983	1988	rBV	31312	44767	1.50%	0.142%
20	15.098	2057	2059	2064	rVB2	28434	38769	1.30%	0.123%
21	15.239	2077	2083	2090	rBV	1536988	2160048	72.16%	6.832%
22	15.298	2090	2093	2101	rVB3	26528	39824	1.33%	0.126%
23	15.380	2101	2107	2117	rBV	267227	435789	14.56%	1.378%
24	15.486	2120	2125	2129	rBV6	20356	33780	1.13%	0.107%
25	15.610	2142	2146	2152	rBV	95789	135041	4.51%	0.427%
26	15.963	2202	2206	2213	rBV8	17793	32793	1.10%	0.104%
27	16.992	2375	2381	2387	rBV	1043828	1434173	47.91%	4.536%
28	17.033	2387	2388	2392	rVV2	38174	35607	1.19%	0.113%
29	17.092	2392	2398	2411	rVB2	1580333	2319552	77.49%	7.336%
30	17.898	2528	2535	2549	rBV	199692	350740	11.72%	1.109%
31	19.033	2724	2728	2731	rBV2	37170	56695	1.89%	0.179%
32	19.068	2731	2734	2737	rVV4	40761	56285	1.88%	0.178%
33	19.186	2748	2754	2761	rBV6	118591	197263	6.59%	0.624%
34	19.392	2784	2789	2799	rBV	1952710	2690901	89.89%	8.511%

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35	20.915	3044	3048	3054	rBV5	256575	396256	13.24%	1.253%
36	20.986	3056	3060	3063	rVB2	71490	94328	3.15%	0.298%
37	21.192	3090	3095	3107	rBV	1370885	1822927	60.90%	5.765%
38	23.245	3437	3444	3458	rVB2	1555055	2993458	100.00%	9.468%
39	23.380	3461	3467	3477	rVB	933805	1784123	59.60%	5.643%

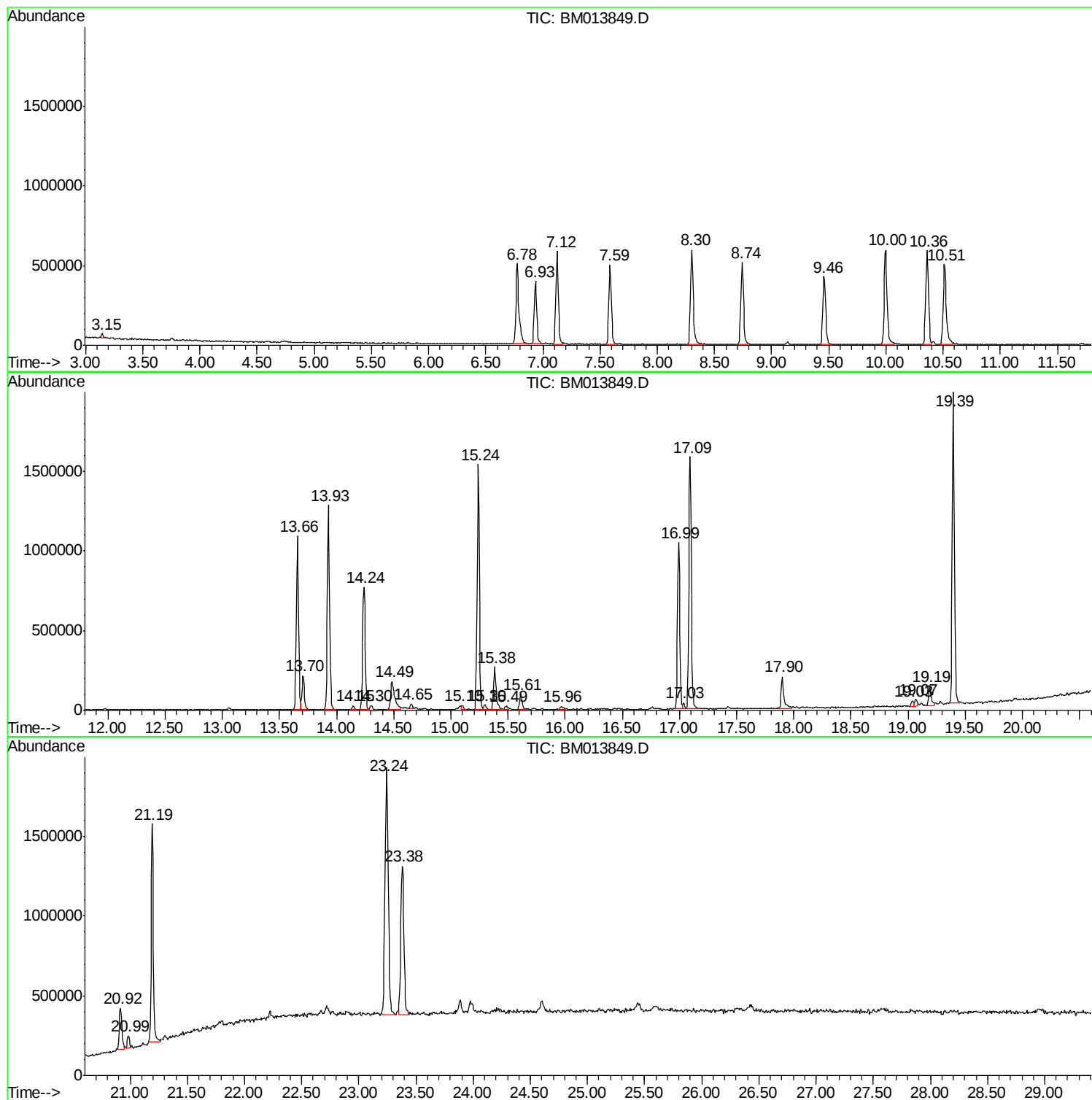
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

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



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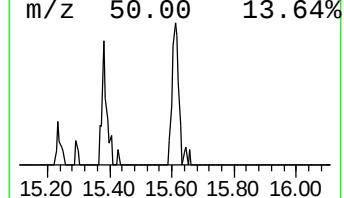
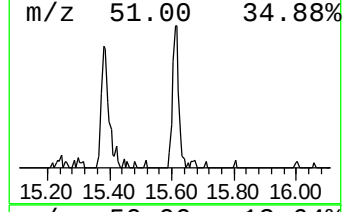
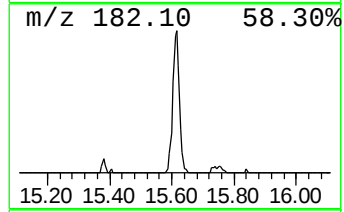
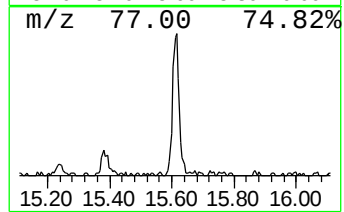
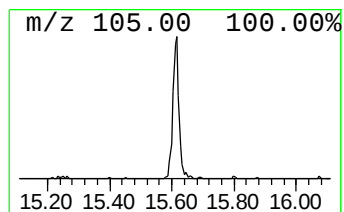
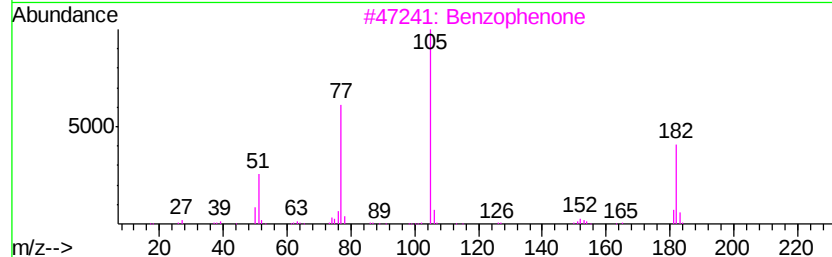
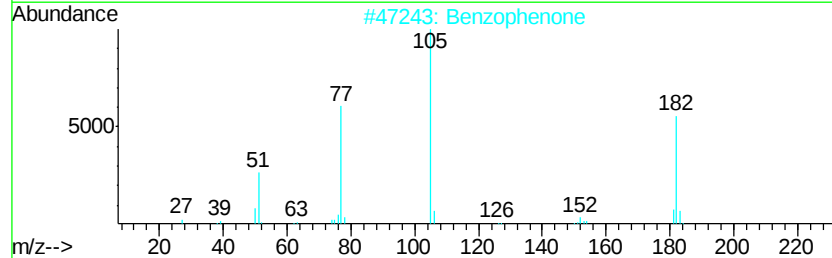
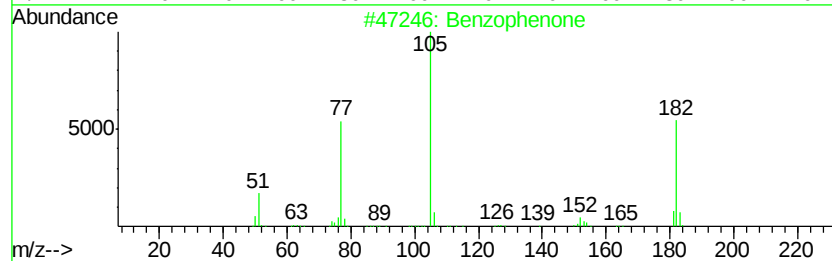
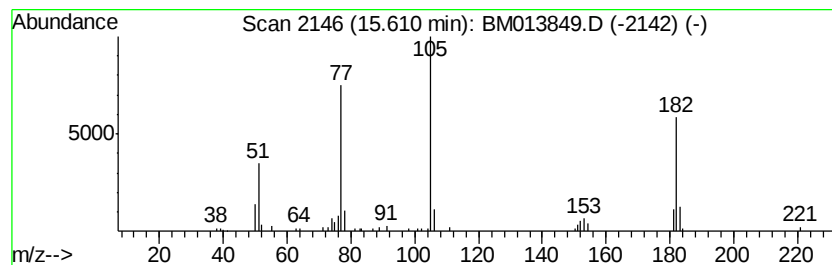
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Benzophenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.61	2.21 ng/ul	135041	Acenaphthene-d10	14.24

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone		182	C13H10O	000119-61-9	94
2	Benzophenone		182	C13H10O	000119-61-9	91
3	Benzophenone		182	C13H10O	000119-61-9	91
4	Benzophenone		182	C13H10O	000119-61-9	91
5	Benzophenone		182	C13H10O	000119-61-9	91



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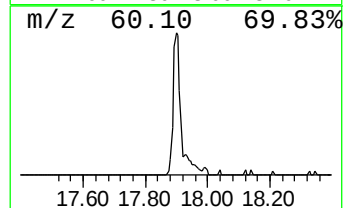
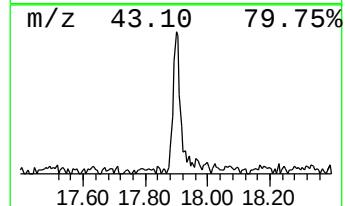
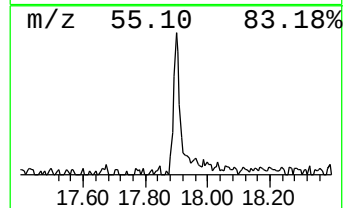
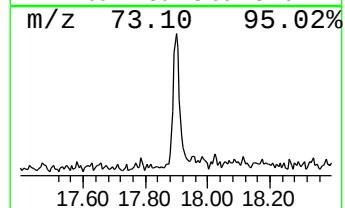
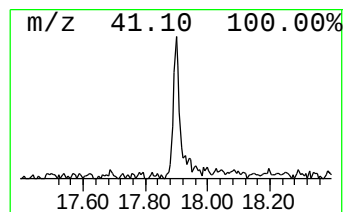
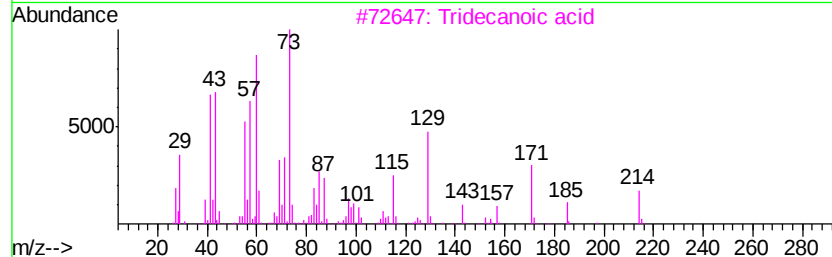
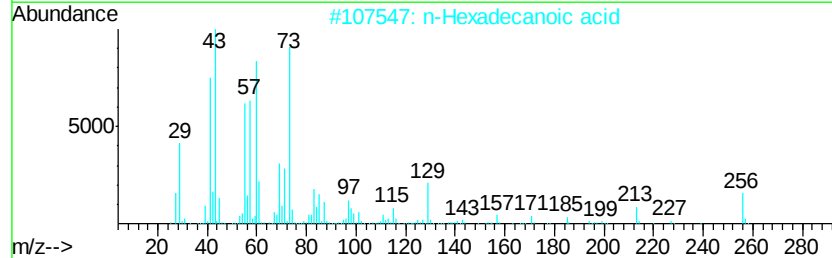
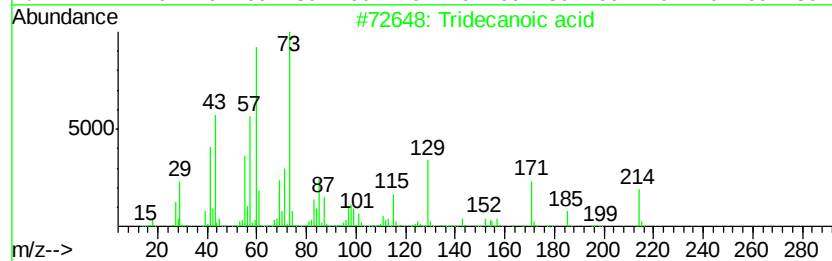
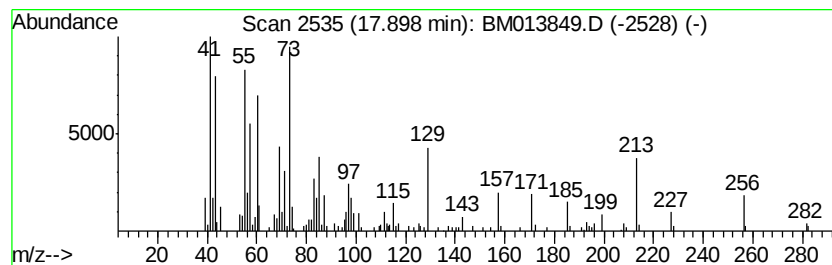
Instrument :
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Peak Number 2 Tridecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.		
17.90	4.89 ng/ul	350740	Phenanthrene-d10	16.99		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tridecanoic acid	214	C13H26O2	000638-53-9	93
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	70
3		Tridecanoic acid	214	C13H26O2	000638-53-9	58
4		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	58
5		n-Decanoic acid	172	C10H20O2	000334-48-5	46



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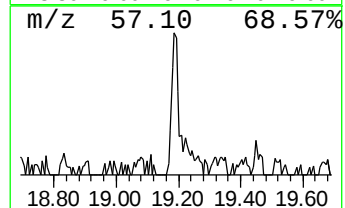
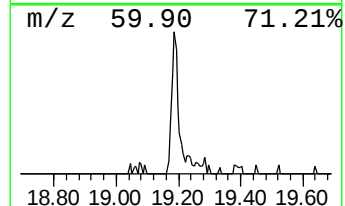
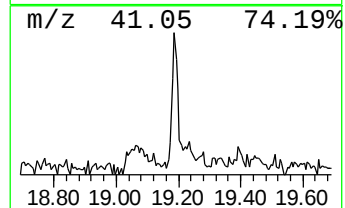
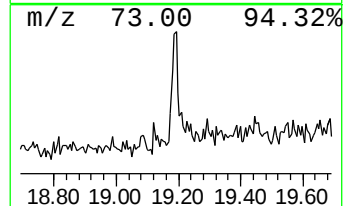
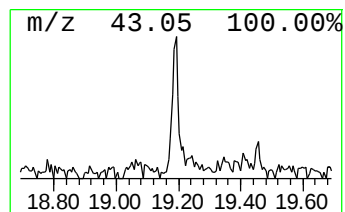
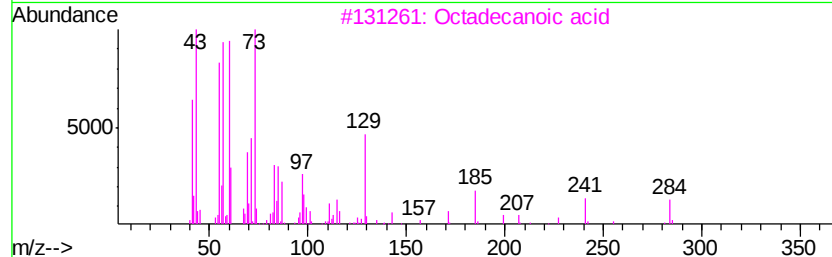
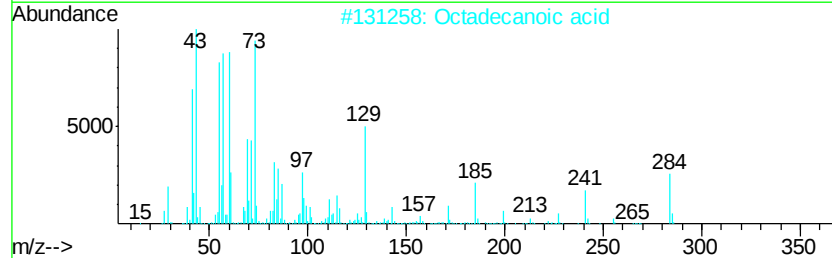
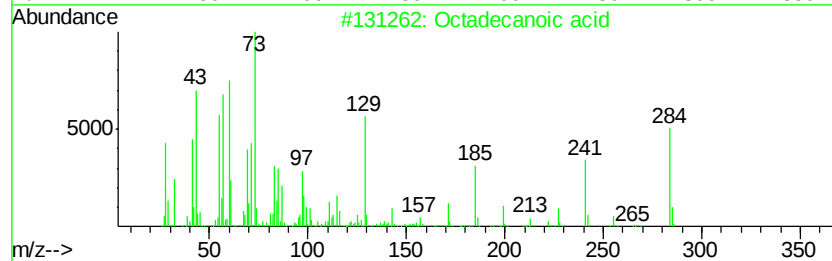
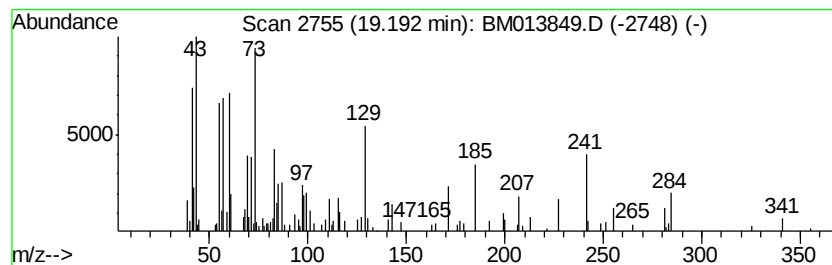
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Peak Number 3 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.19	2.16 ng/ul	197263	Chrysene-d12	21.19

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	98
2			Octadecanoic acid	284	C18H36O2	000057-11-4	98
3			Octadecanoic acid	284	C18H36O2	000057-11-4	95
4			Octadecanoic acid	284	C18H36O2	000057-11-4	93
5			Octadecanoic acid	284	C18H36O2	000057-11-4	87



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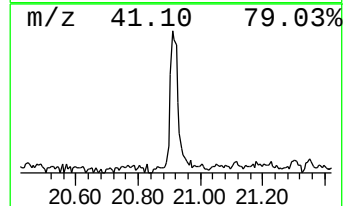
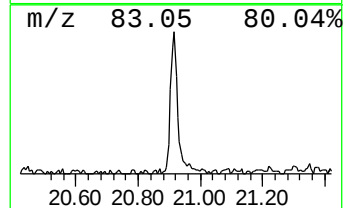
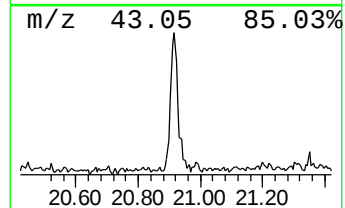
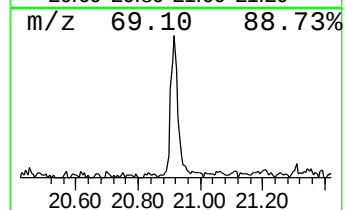
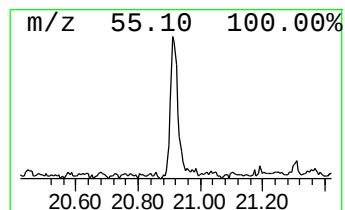
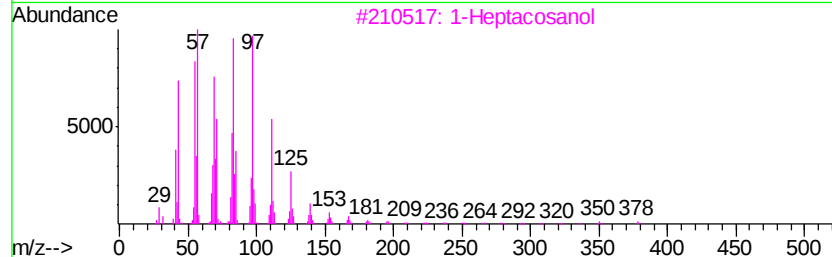
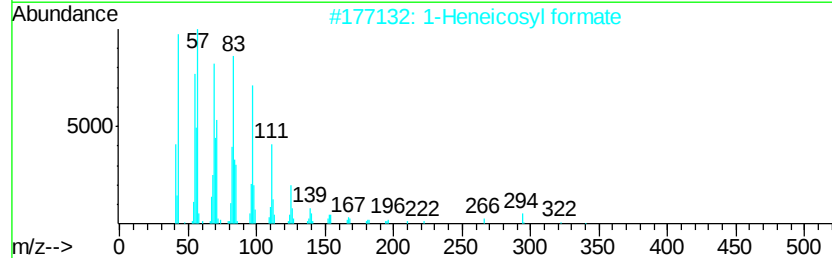
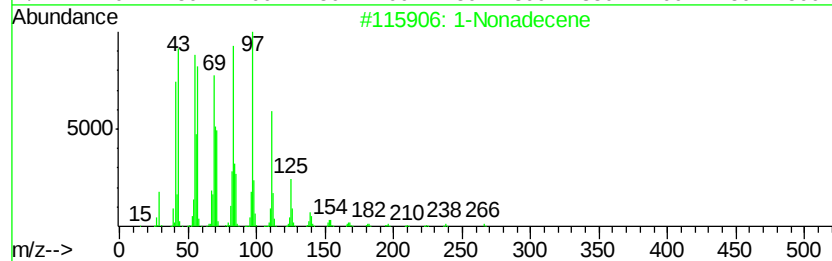
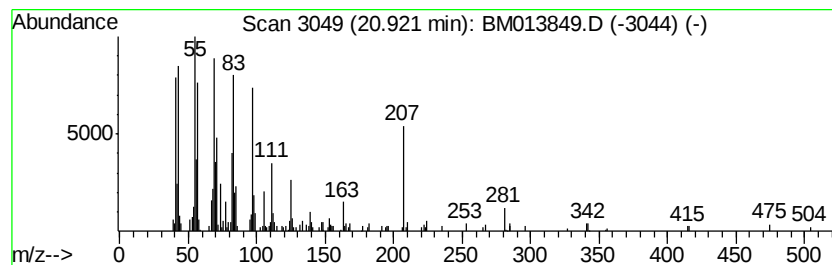
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Peak Number 4 (DEL) Alkane: Cyclic20.92 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.92	4.35 ng/ul	396256	Chrysene-d12	21.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Nonadecene	266	C19H38	018435-45-5	91
2		1-Heneicosyl formate	340	C22H44O2	077899-03-7	90
3		1-Heptacosanol	396	C27H56O	002004-39-9	90
4		Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	90
5		Octacosanol	410	C28H58O	000557-61-9	86



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Benzophenone	15.61	2.2	ng/ul	135041	3	14.24	1219500	20.0
Tridecanoic acid	17.90	4.9	ng/ul	350740	4	16.99	1434170	20.0
Octadecanoic acid	19.19	2.2	ng/ul	197263	5	21.19	1822930	20.0
(DEL) Alkane: Cyc...	20.92	4.3	ng/ul	396256	5	21.19	1822930	20.0