

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012718\
 Data File : BM013880.D
 Acq On : 27 Jan 2018 12:43
 Operator : SJ/JU
 Sample : J1245-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F6B63

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	23	27	35	rVB4	41310	63993	1.83%	0.153%
2	4.734	293	297	306	rVB2	147463	281017	8.04%	0.670%
3	6.769	637	643	657	rBV	697522	1177487	33.69%	2.807%
4	6.934	664	671	683	rVB	508914	805422	23.04%	1.920%
5	7.122	696	703	712	rBV	723390	1172314	33.54%	2.795%
6	7.581	773	781	792	rBV	535671	894483	25.59%	2.132%
7	8.298	896	903	918	rBV2	855999	1425969	40.80%	3.400%
8	8.739	971	978	991	rVB	729818	1193366	34.14%	2.845%
9	9.139	1037	1046	1052	rVB7	24659	45737	1.31%	0.109%
10	9.457	1092	1100	1110	rBV	592272	1053907	30.15%	2.513%
11	9.992	1185	1191	1200	rBV	867748	1489231	42.61%	3.550%
12	10.357	1245	1253	1263	rBV	706492	1175222	33.62%	2.802%
13	10.510	1271	1279	1293	rBV	675820	1298077	37.14%	3.095%
14	13.051	1704	1711	1715	rBV4	23219	37388	1.07%	0.089%
15	13.657	1806	1814	1818	rBV	1530881	2163348	61.89%	5.158%
16	13.704	1818	1822	1829	rVB	221684	366147	10.47%	0.873%
17	13.927	1853	1860	1868	rBV	1759977	2579276	73.79%	6.149%
18	14.139	1890	1896	1900	rBV2	79282	98267	2.81%	0.234%
19	14.233	1905	1912	1921	rVV2	937987	1491647	42.67%	3.556%
20	14.474	1944	1953	1964	rBV	408465	860297	24.61%	2.051%
21	14.845	2012	2016	2019	rBV6	37272	54884	1.57%	0.131%
22	14.880	2019	2022	2028	rVB5	30795	46877	1.34%	0.112%
23	15.098	2055	2059	2064	rVB3	97148	123735	3.54%	0.295%
24	15.239	2076	2083	2090	rBV	2108335	3017605	86.33%	7.194%
25	15.380	2101	2107	2120	rBV	550782	954163	27.30%	2.275%
26	15.474	2120	2123	2127	rBV4	25680	44613	1.28%	0.106%
27	15.963	2200	2206	2214	rBV2	85754	135886	3.89%	0.324%
28	16.645	2317	2322	2333	rBV	607262	949782	27.17%	2.264%
29	16.757	2337	2341	2347	rVV3	40708	56724	1.62%	0.135%
30	16.992	2375	2381	2386	rBV	1210144	1701786	48.69%	4.057%
31	17.092	2391	2398	2410	rVB	2187558	3190941	91.29%	7.607%
32	17.898	2530	2535	2541	rBV	314399	459220	13.14%	1.095%
33	19.039	2724	2729	2732	rBV5	53895	83633	2.39%	0.199%
34	19.186	2750	2754	2760	rBV2	122780	196456	5.62%	0.468%

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35	19.286	2768	2771	2777	rVB6	24187	36558	1.05%	0.087%
36	19.392	2783	2789	2797	rBV2	2592186	3495437	100.00%	8.333%
37	20.915	3044	3048	3056	rBV2	403706	607010	17.37%	1.447%
38	21.192	3090	3095	3101	rBV	1460058	1863385	53.31%	4.442%
39	23.244	3437	3444	3452	rBV2	1866058	3492145	99.91%	8.325%
40	23.380	3461	3467	3476	rVB	930075	1761955	50.41%	4.201%

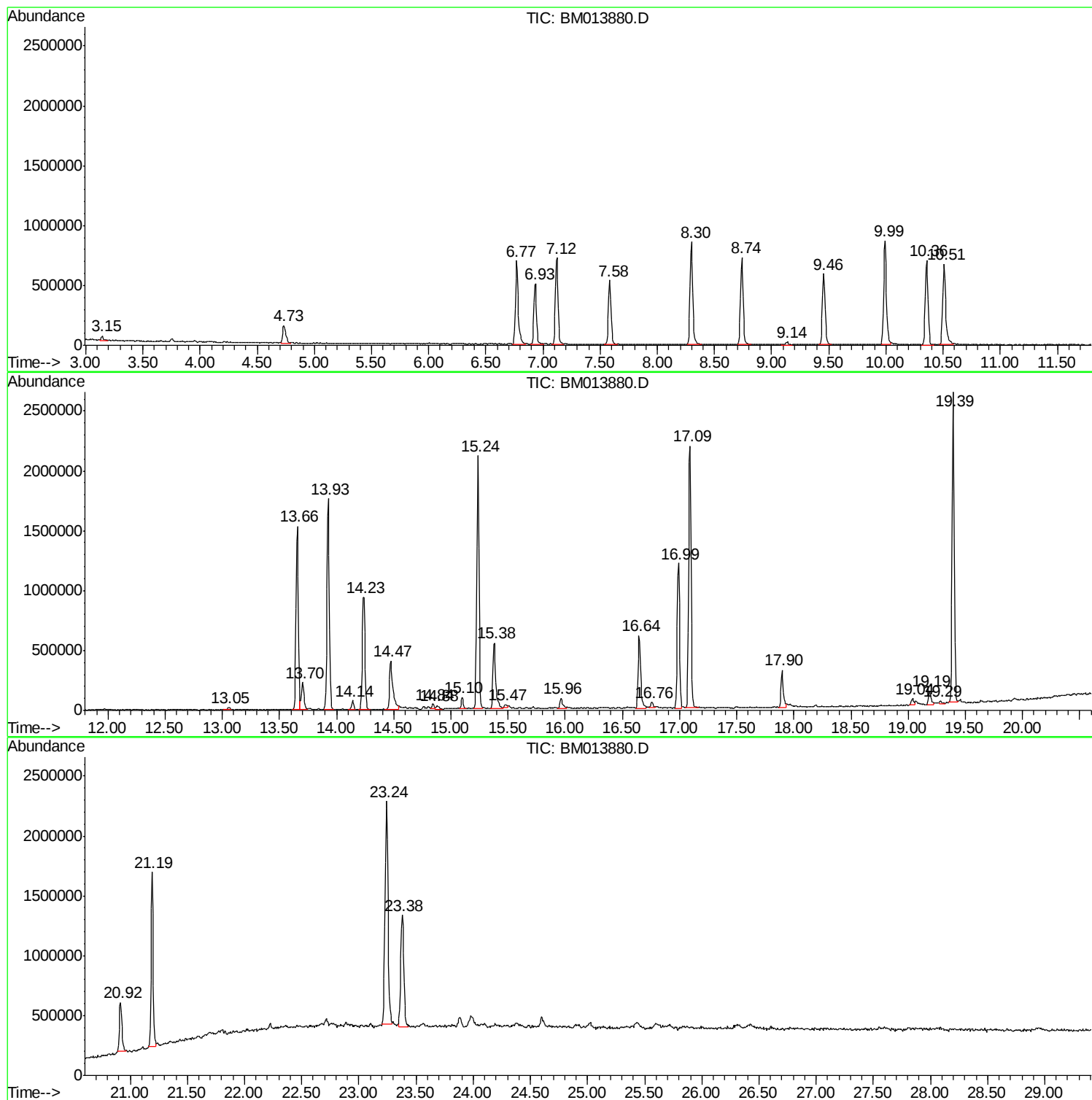
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

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



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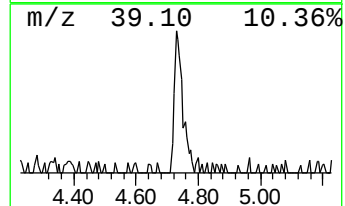
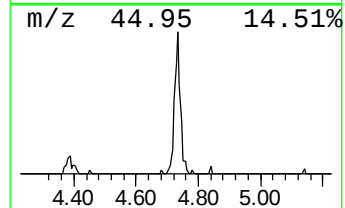
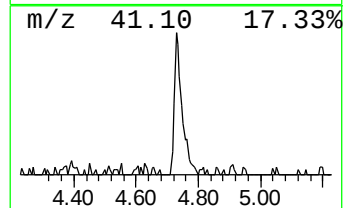
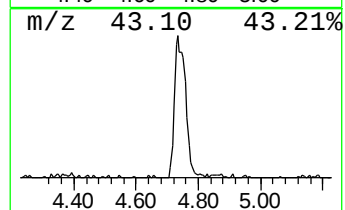
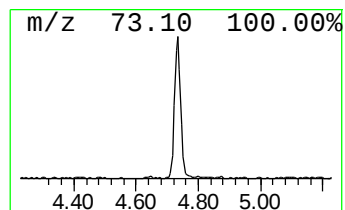
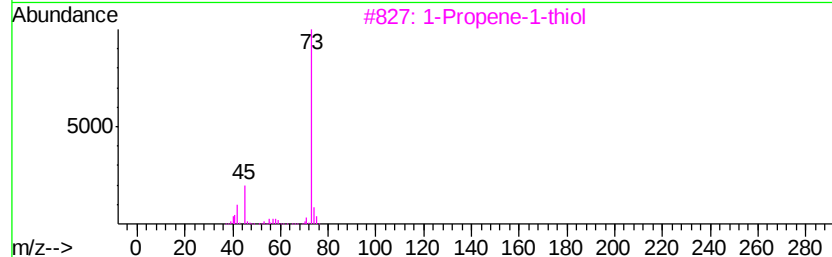
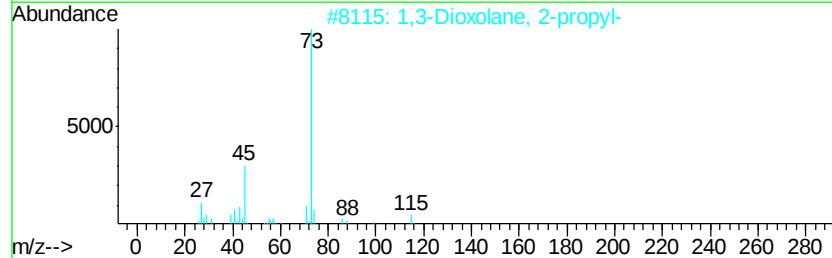
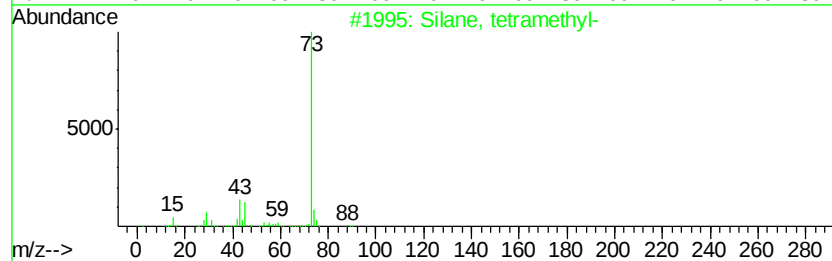
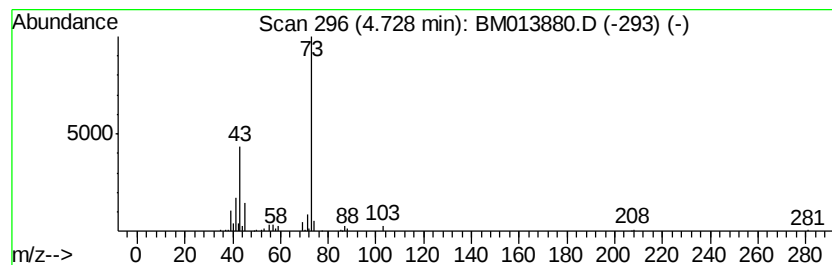
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 unknown-01 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.73	6.28 ng/ul	281017	1,4-Dichlorobenzene-d4	7.59

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Silane, tetramethyl-	88	C4H12Si	000075-76-3	38
2			1,3-Dioxolane, 2-propyl-	116	C6H12O2	003390-13-4	28
3			1-Propene-1-thiol	74	C3H6S	000925-89-3	28
4			Silane, tetramethyl-	88	C4H12Si	000075-76-3	28
5			1,3-Dioxolane, 2-(1-methylethyl)-	116	C6H12O2	000822-83-3	23



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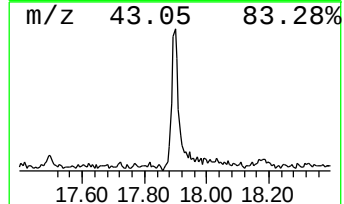
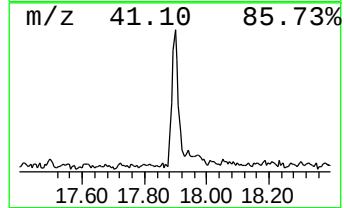
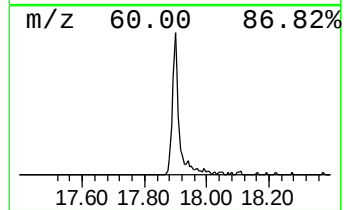
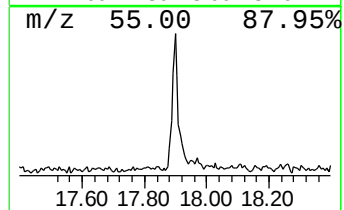
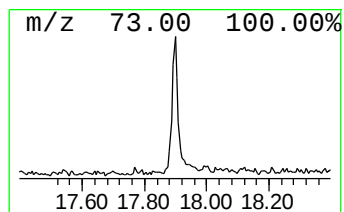
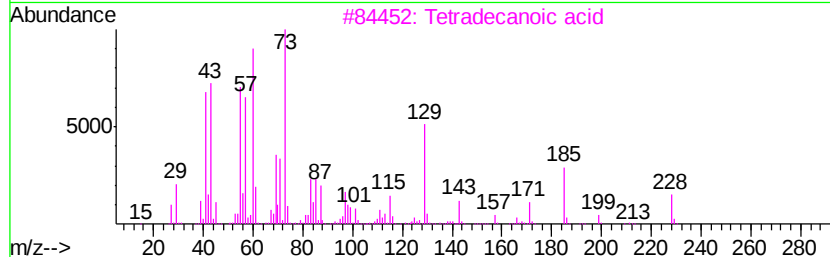
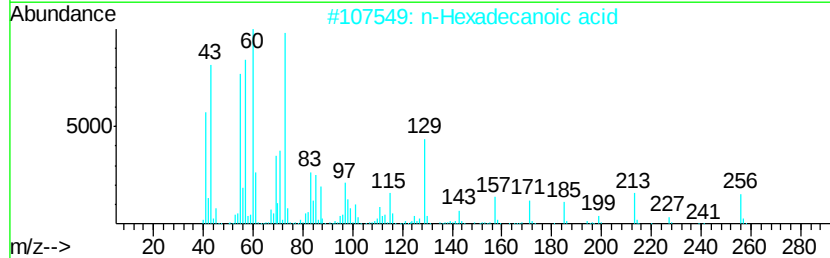
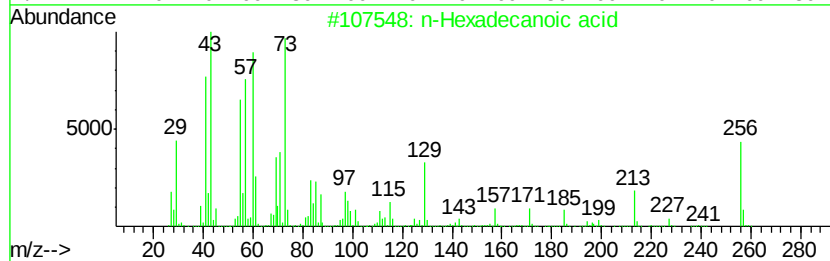
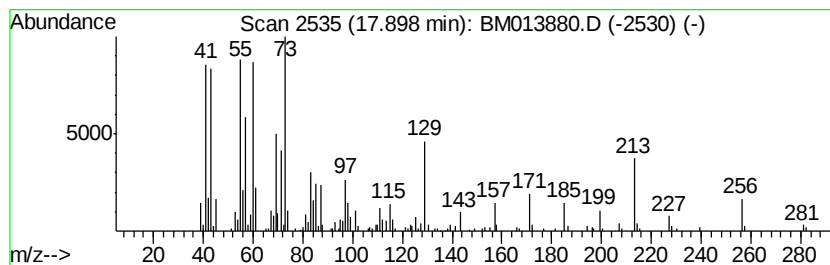
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TIC Integration Parameters: LSCINT.P

Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.90	5.40 ng/ul	459220	Phenanthrene-d10	16.99

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	94
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	91
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	83
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	81



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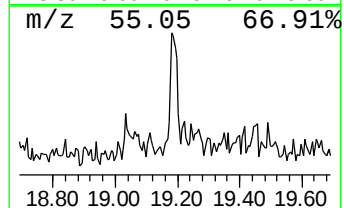
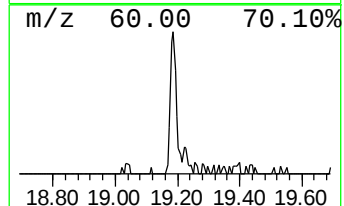
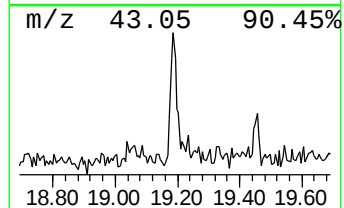
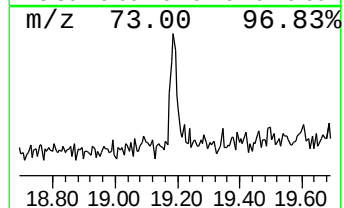
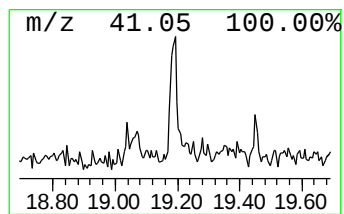
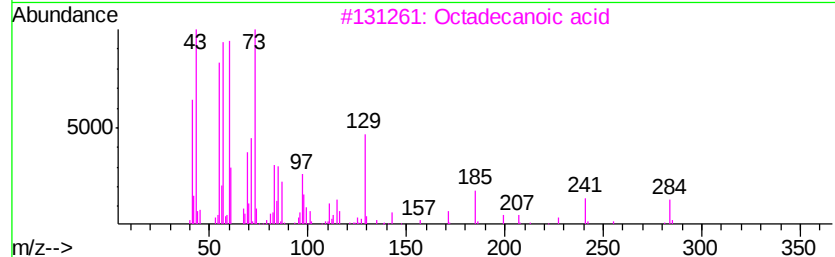
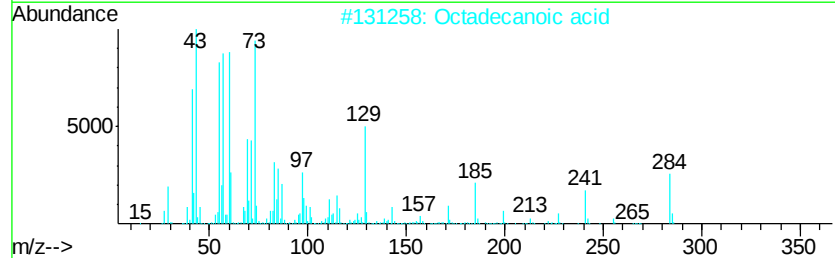
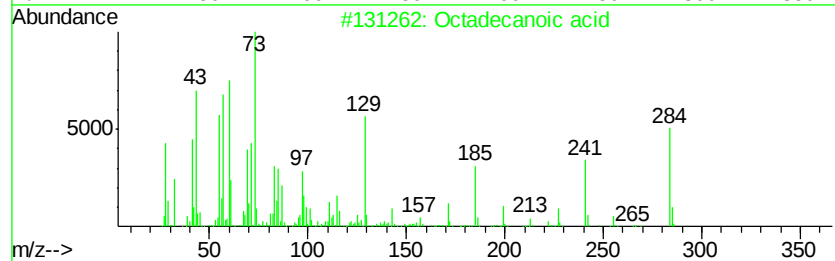
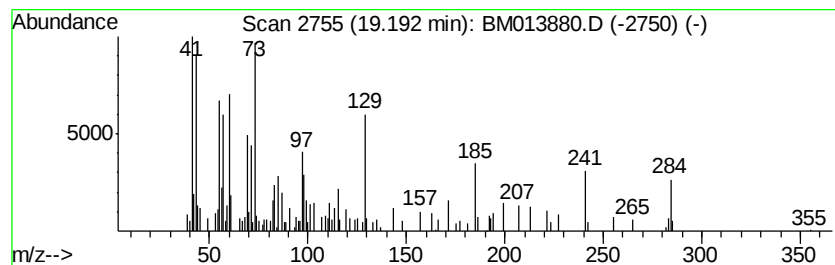
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD		R.T.
19.19	2.11 ng/ul	196456	Chrysene-d12		21.19

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	99
2			Octadecanoic acid	284	C18H36O2	000057-11-4	99
3			Octadecanoic acid	284	C18H36O2	000057-11-4	99
4			Octadecanoic acid	284	C18H36O2	000057-11-4	96
5			Octadecanoic acid	284	C18H36O2	000057-11-4	93



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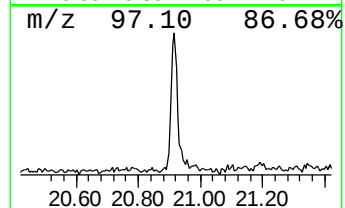
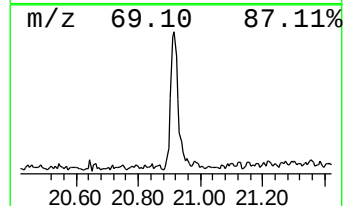
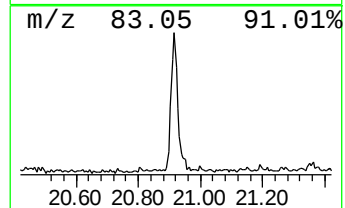
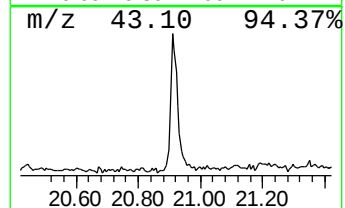
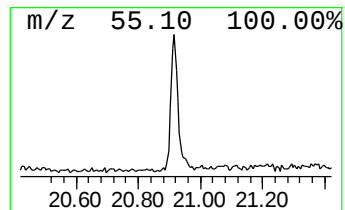
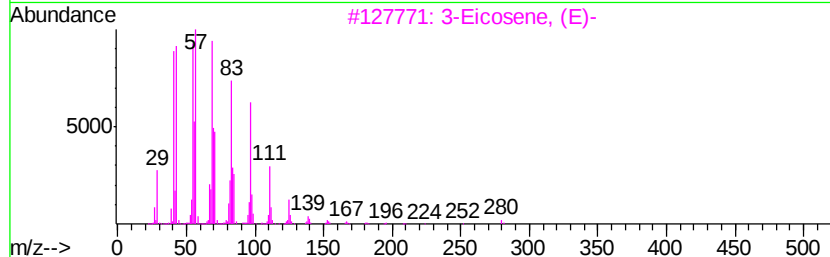
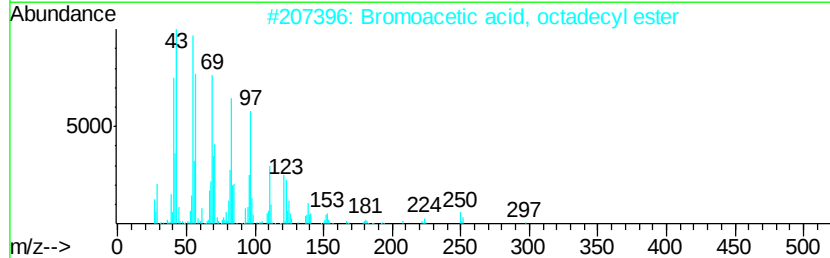
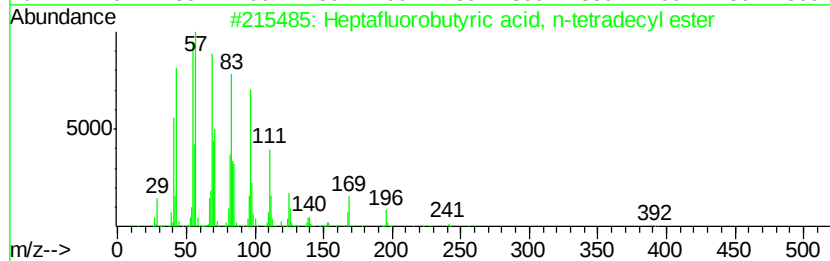
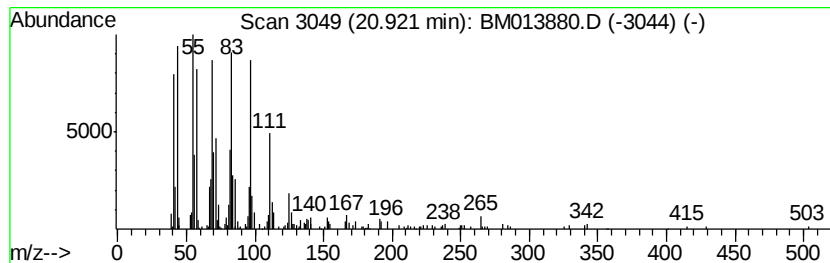
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Peak Number 4 Heptafluorobutyric acid, n-... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.92	6.52 ng/ul	607010	Chrysene-d12	21.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	91
2		Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	91
3		3-Eicosene, (E)-	280	C20H40	074685-33-9	90
4		n-Nonadecanol-1	284	C19H40O	001454-84-8	87
5		n-Tetracosanol-1	354	C24H50O	000506-51-4	83



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown-01	4.73	6.3	ng/ul	281017	1	7.59	894483	20.0
n-Hexadecanoic acid	17.90	5.4	ng/ul	459220	4	16.99	1701790	20.0
Octadecanoic acid	19.19	2.1	ng/ul	196456	5	21.19	1863390	20.0
Heptafluorobutyri...	20.92	6.5	ng/ul	607010	5	21.19	1863390	20.0