LSC Area Percent Report

Data Path : U:\HPCHEM1\BNA M\DATA\BM020218\
Data File : BM014112.D
Acq On : 02 Feb 2018 14:23
Operator : SJ/JU
Sample : J1339-16
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6D24

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 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	6.746	634	639	656	rVB	282710	558745	26.76%	2.098%
2	6.904	660	666	680	rVV	226677	373289	17.88%	1.401%
3	7.093	691	698	711	rVB	334620	569638	27.29%	2.139%
4	7.557	771	777	789	rBV	347432	626822	30.02%	2.353%
5	8.269	893	898	910	rBV	344688	678810	32.51%	2.548%
6	8.710	967	973	984	rBV	321940	608333	29.14%	2.284%
7	9.104	1034	1040	1044	rVB4	16192	21832	1.05%	0.082%
8	9.428	1088	1095	1108	rBV2	274978	544190	26.07%	2.043%
9	9.969	1181	1187	1202	rBV	347628	717841	34.38%	2.695%
10	10.328	1240	1248	1257	rBV	508082	845640	40.51%	3.175%
11	10.487	1269	1275	1291	rBV	265732	624596	29.92%	2.345%
12	13.145	1723	1727	1733	rBV4	16855	31082	1.49%	0.117%
13	13.628	1800	1809	1815	rBV	734339	1148265	55.00%	4.311%
14	13.680	1815	1818	1828	rVB2	125527	206389	9.89%	0.775%
15	13.898	1849	1855	1864	rBV	880305	1335669	63.98%	5.014%
16	14.116	1887	1892	1898	rBV2	42071	56581	2.71%	0.212%
17	14.210	1901	1908	1917	rVV2	738977	1169800	56.03%	4.392%
18	14.463	1945	1951	1965	rBV3	138065	406218	19.46%	1.525%
19	14.774	2000	2004	2012	rVV3	51825	85705	4.11%	0.322%
20	14.857	2012	2018	2025	rVB3	131001	209187	10.02%	0.785%
21	15.074	2050	2055	2059	rBV	59877	66841	3.20%	0.251%
22	15.210	2073	2078	2088	rBV	1126553	1608458	77.05%	6.038%
23	15.363	2098	2104	2116	rBV	226751	424695	20.34%	1.594%
24	15.457	2116	2120	2124	rBV7	19109	28544	1.37%	0.107%
25	15.939	2197	2202	2209	rBV3	46648	75738	3.63%	0.284%
26	16.621	2312	2318	2334	rBV	1215327	1845076	88.38%	6.927%
27	16.733	2334	2337	2342	rVB6	22713	29055	1.39%	0.109%
28	16.968	2370	2377	2384	rBV	1032301	1457567	69.82%	5.472%
29	17.068	2387	2394	2404	rVV2	1169146	1787028	85.60%	6.709%
30	17.874	2525	2531	2542	rBV2	184922	318875	15.27%	1.197%
31	19.015	2721	2725	2729	rBV2	17154	28190	1.35%	0.106%
32	19.162	2744	2750	2760	rBV5	113470	207697	9.95%	0.780%
33	19.368	2779	2785	2793	rBV	1438841	2087686	100.00%	7.838%
34	20.892	3039	3044	3051	rBV	218797	357373	17.12%	1.342%

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Instrument : BNA_M
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Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 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

35	21.174	3086	3092	3101	rBV	1255300	1758173	84.22%	6.600%
36	23.215	3433	3439	3446	rVB	1197708	2083510	99.80%	7.822%
37	23.350	3456	3462	3474	rVB2	848314	1653920	79.22%	6.209%

Sum of corrected areas: 26637058

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BNA_M
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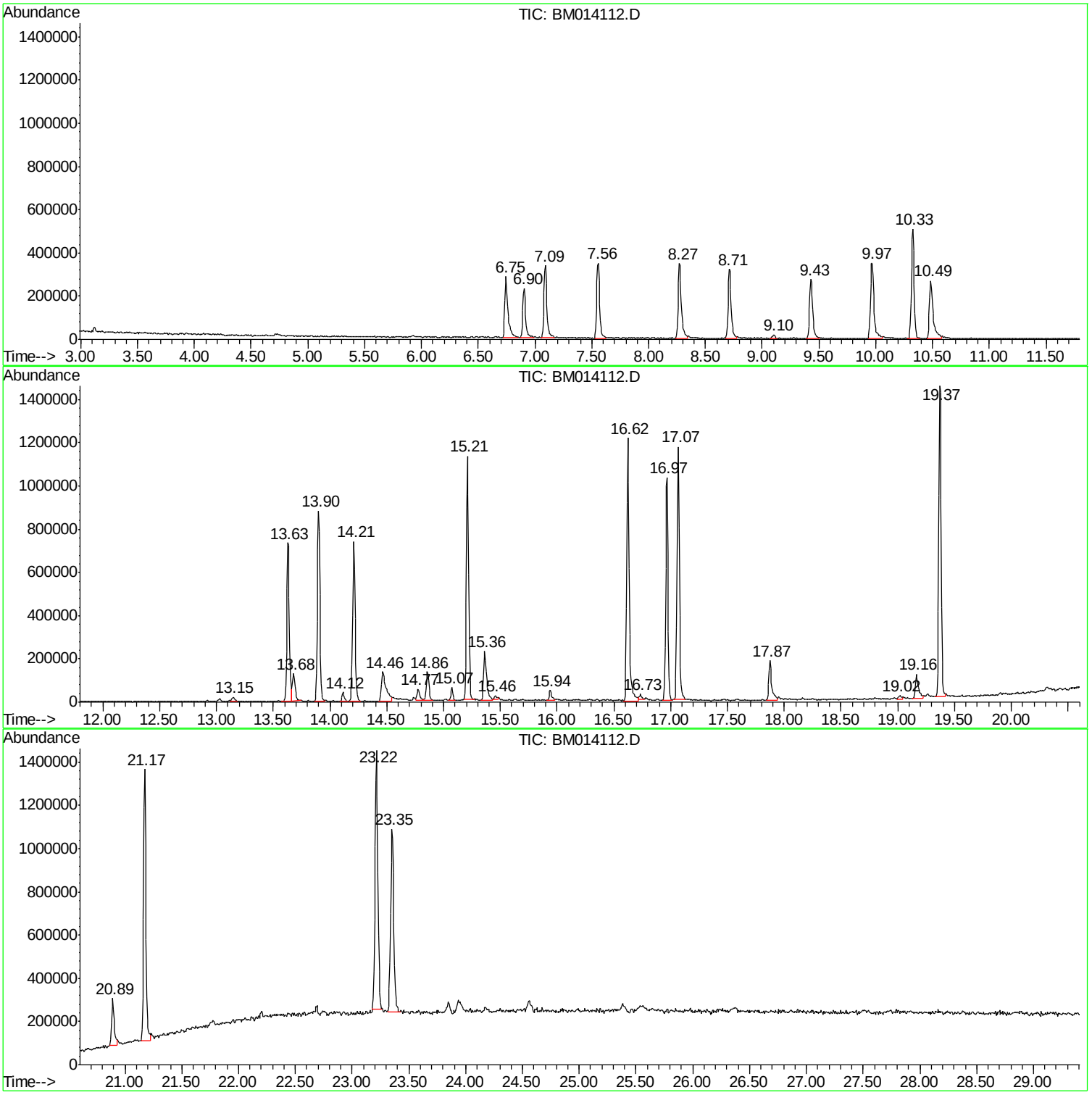
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM013118.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : U:\HPCHEM1\BNA M\DATA\BM020218\
Data File : BM014112.D
Acq On : 02 Feb 2018 14:23
Operator : SJ/JU
Sample : J1339-16
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6D24

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM013118.M
Quant Title : SVOA CALIBRATION

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

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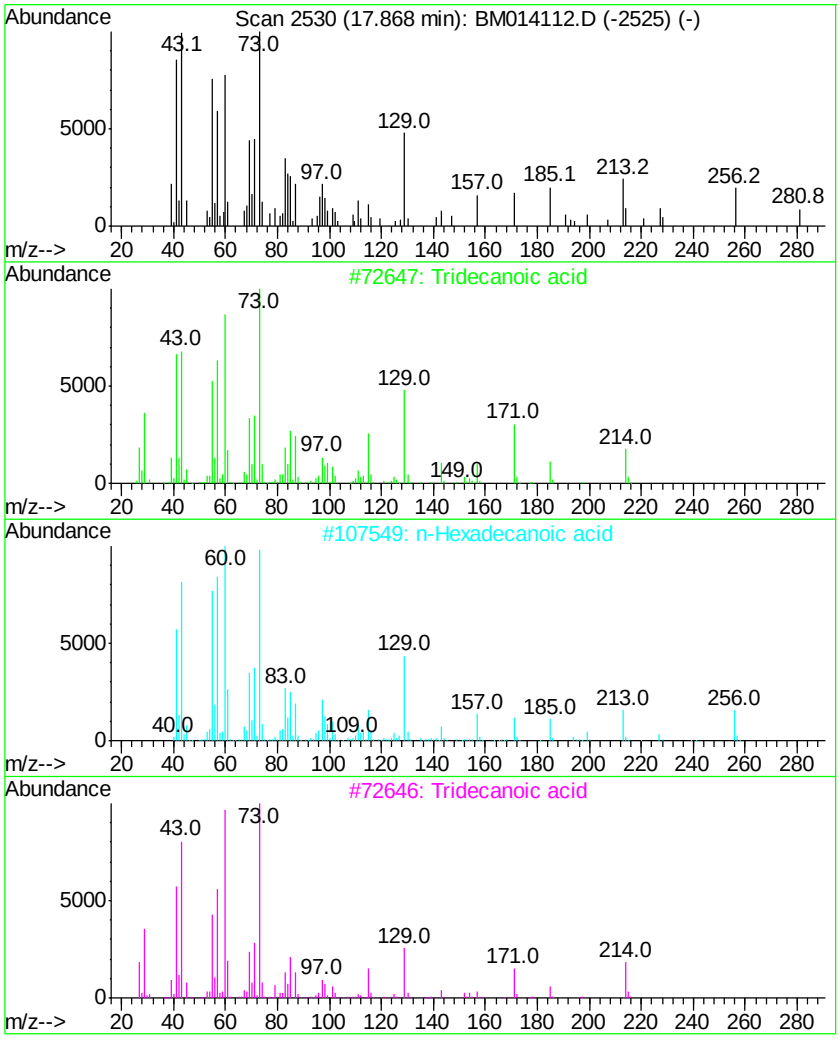
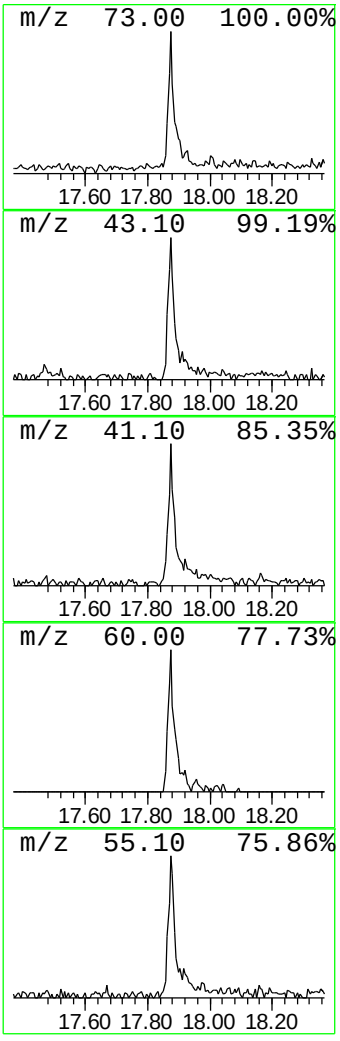
Peak Number 2 Tridecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.87	4.38 ng/ul	318875	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	90
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
3	Tridecanoic acid	214	C13H26O2	000638-53-9	83
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	62
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	60





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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6D24

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM013118.M
Quant Title : SVOA CALIBRATION

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

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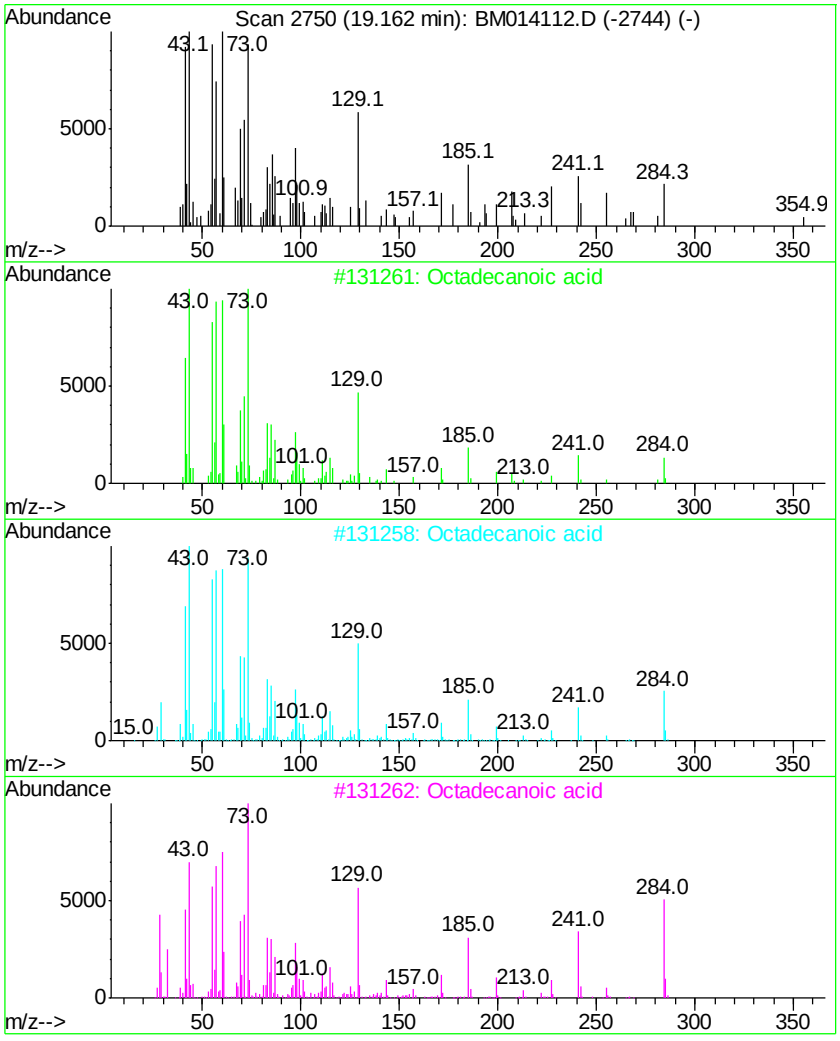
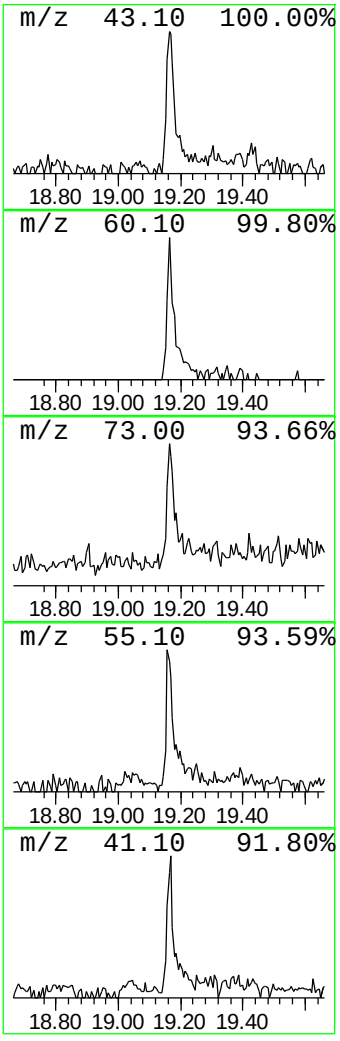
Peak Number 3 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.16	2.36 ng/ul	207697	Chrysene-d12	21.17

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	97
4	Octadecanoic acid	284	C18H36O2	000057-11-4	97
5	Octadecanoic acid	284	C18H36O2	000057-11-4	89





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ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6D24

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM013118.M
Quant Title : SVOA CALIBRATION

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

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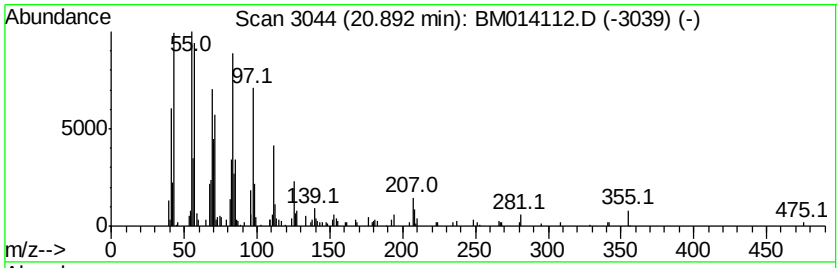
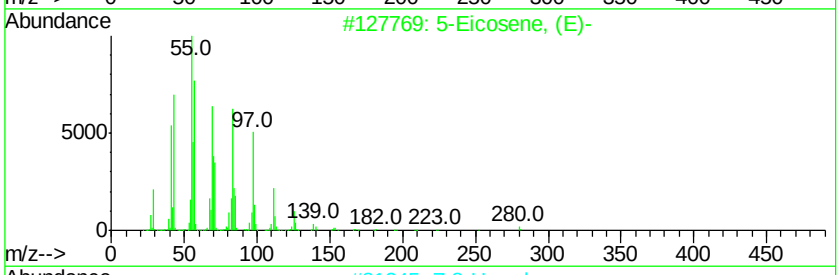
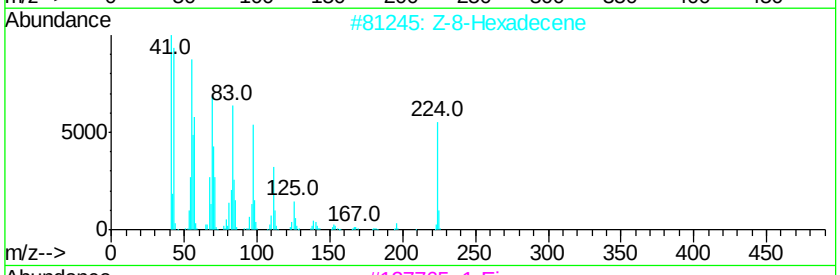
Peak Number 4 (DEL) Alkane: Cyclic20.89 Concentration Rank 2

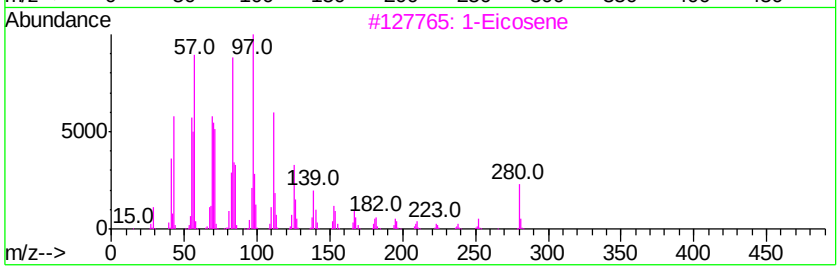
R.T.	EstConc	Area	Relative to ISTD	R.T.
20.89	4.07 ng/ul	357373	Chrysene-d12	21.17

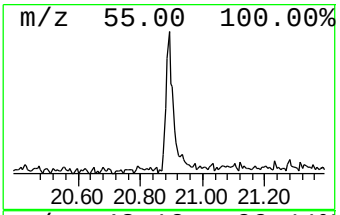
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	95
2	Z-8-Hexadecene	224	C16H32	1000130-87-5	95
3	1-Eicosene	280	C20H40	003452-07-1	94
4	1-Docosene	308	C22H44	001599-67-3	94
5	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94

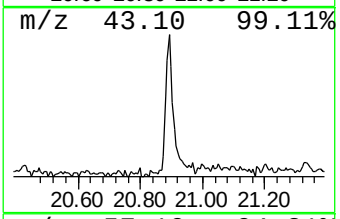


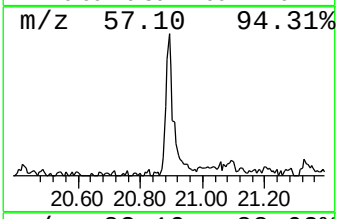


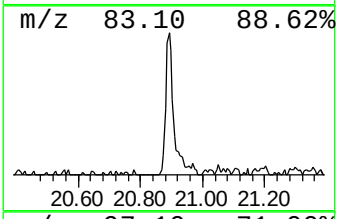


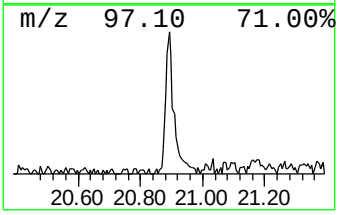












Tentatively Identified Compound (LSC) summary

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Quant Title : SVOA CALIBRATION

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TIC Integration Parameters: LSCINT.P

						--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Tridecanoic acid	17.87	4.4	ng/ul	318875	4	16.97	1457570	20.0
Octadecanoic acid	19.16	2.4	ng/ul	207697	5	21.17	1758170	20.0
(DEL) Alkane: Cyc...	20.89	4.1	ng/ul	357373	5	21.17	1758170	20.0