LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM013118\
Data File : BM014042.D
Acq On : 31 Jan 2018 19:54
Operator : SJ/JU
Sample : J1316-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6C84

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	6.752	634	640	654	rBV	459037	906557	25.16%	2.566%
2	6.910	660	667	680	rBV	365933	592106	16.44%	1.676%
3	7.099	692	699	713	rBV	545036	913673	25.36%	2.586%
4	7.563	771	778	790	rBV	357182	637580	17.70%	1.805%
5	8.275	891	899	916	rBV	598191	1113679	30.91%	3.153%
6	8.716	968	974	984	rBV	514229	927030	25.73%	2.624%
7	9.434	1088	1096	1108	rBV2	466118	864442	23.99%	2.447%
8	9.969	1180	1187	1198	rBV	613262	1162171	32.26%	3.290%
9	10.334	1238	1249	1258	rBV	519610	852550	23.66%	2.413%
10	10.487	1268	1275	1289	rBV2	477622	1035030	28.73%	2.930%
11	13.639	1804	1811	1815	rBV	1259301	1809022	50.21%	5.121%
12	13.686	1815	1819	1827	rVB	263728	406804	11.29%	1.152%
13	13.904	1850	1856	1870	rVB	1396245	2102290	58.35%	5.951%
14	14.122	1888	1893	1900	rVB2	43634	63184	1.75%	0.179%
15	14.216	1903	1909	1920	rVB2	788855	1189516	33.02%	3.367%
16	14.463	1944	1951	1965	rBV	288264	738944	20.51%	2.092%
17	15.027	2043	2047	2052	rBV3	28952	38985	1.08%	0.110%
18	15.080	2052	2056	2060	rVV2	63008	78604	2.18%	0.223%
19	15.222	2073	2080	2089	rBV	1704756	2554181	70.90%	7.231%
20	15.363	2098	2104	2116	rBV	476413	811878	22.54%	2.298%
21	15.463	2117	2121	2124	rBV4	23323	36070	1.00%	0.102%
22	15.686	2155	2159	2168	rVB7	32276	53633	1.49%	0.152%
23	15.945	2198	2203	2211	rBV2	56631	96618	2.68%	0.274%
24	16.739	2333	2338	2341	rBV4	35417	52103	1.45%	0.147%
25	16.974	2372	2378	2384	rBV	1034559	1473287	40.89%	4.171%
26	17.074	2388	2395	2406	rVV	1986765	2865543	79.54%	8.112%
27	17.880	2527	2532	2541	rBV2	287723	469846	13.04%	1.330%
28	19.021	2721	2726	2730	rBV3	54129	90084	2.50%	0.255%
29	19.057	2730	2732	2742	rVB8	28208	45255	1.26%	0.128%
30	19.168	2747	2751	2761	rVV2	209976	364169	10.11%	1.031%
31	19.268	2765	2768	2774	rVB3	31508	48673	1.35%	0.138%
32	19.380	2780	2787	2794	rBV	2418616	3398845	94.34%	9.622%
33	19.439	2794	2797	2802	rVB6	33618	50723	1.41%	0.144%
34	20.904	3041	3046	3054	rBV4	112436	215649	5.99%	0.610%

LSC Area Percent Report

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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	21.180	3088	3093	3101	rBV2	1306164	1834053	50.91%	5.192%
36	22.327	3286	3288	3292	rVB3	81332	96014	2.67%	0.272%
37	23.227	3434	3441	3451	rVB	2040370	3602646	100.00%	10.199%
38	23.362	3458	3464	3475	rVB2	879254	1733557	48.12%	4.907%

Sum of corrected areas: 35324994

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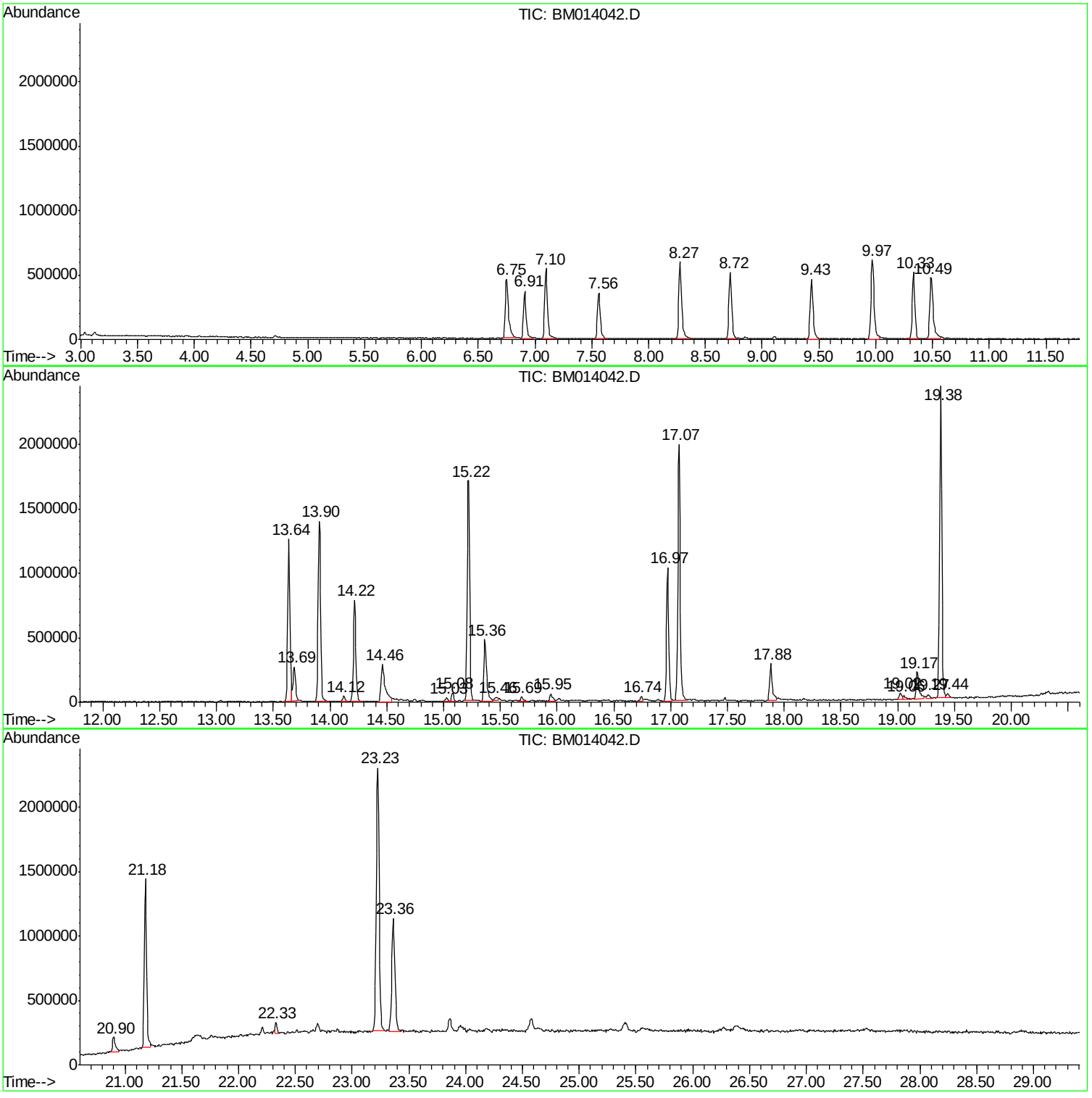
BNA_M
ClientSampleId :
F6C84

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 : Z:\HPCHEM1\BNA M\DATA\BM013118\
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Misc :
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Instrument : BNA_M
ClientSampleId : F6C84

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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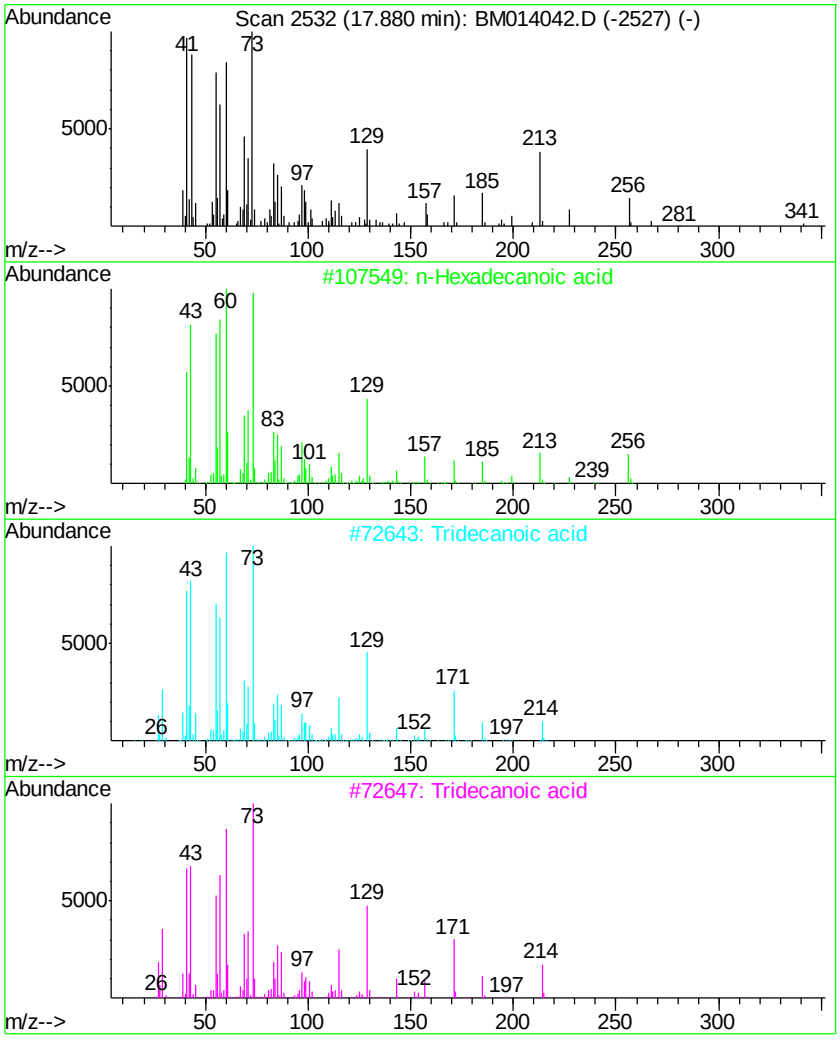
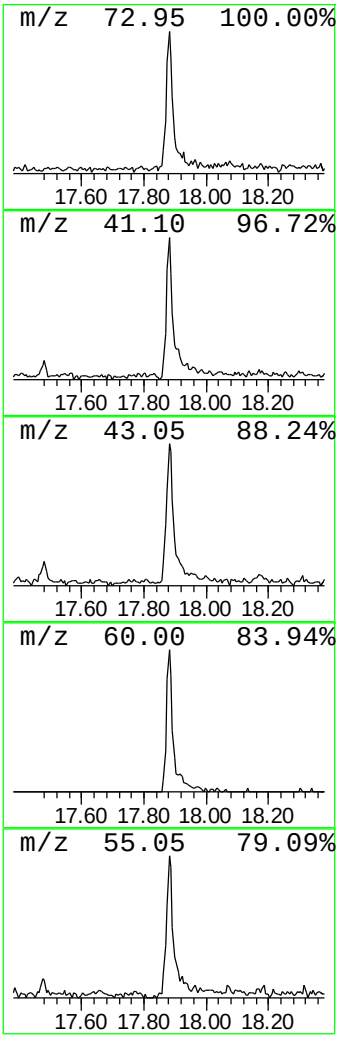
Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.88	6.38 ng/ul	469846	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	89
3	Tridecanoic acid	214	C13H26O2	000638-53-9	89
4	Octadecanoic acid	284	C18H36O2	000057-11-4	76
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	72





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ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6C84

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

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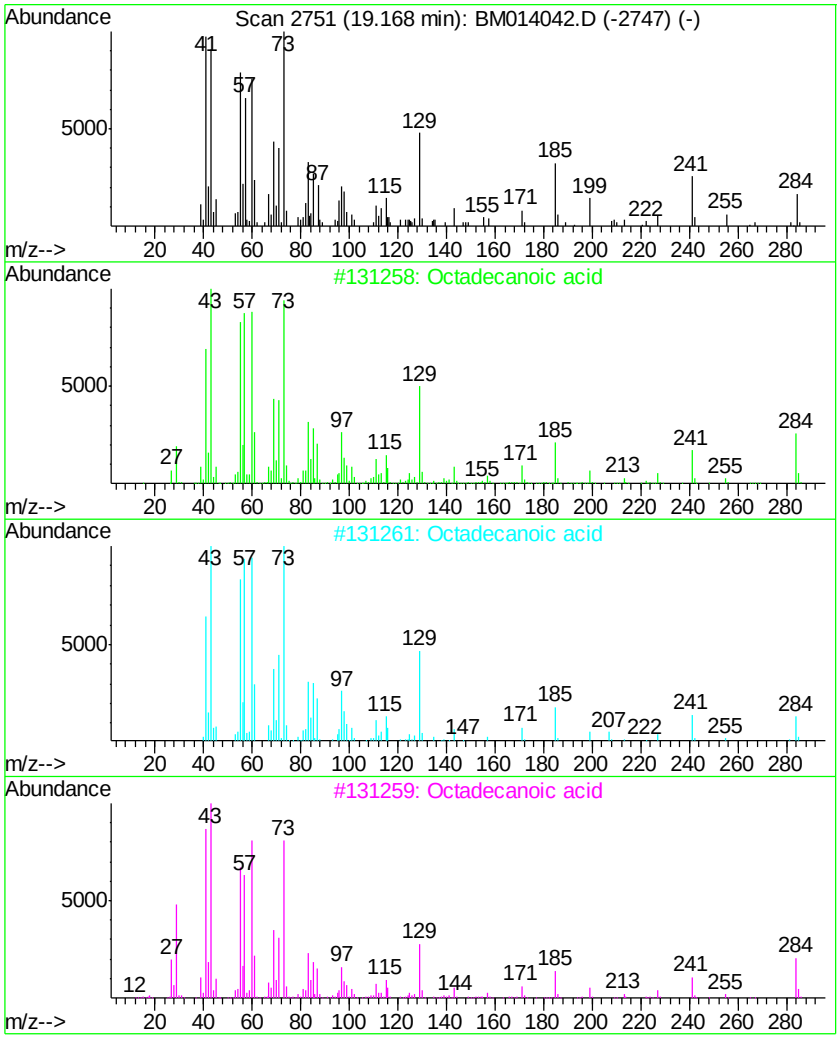
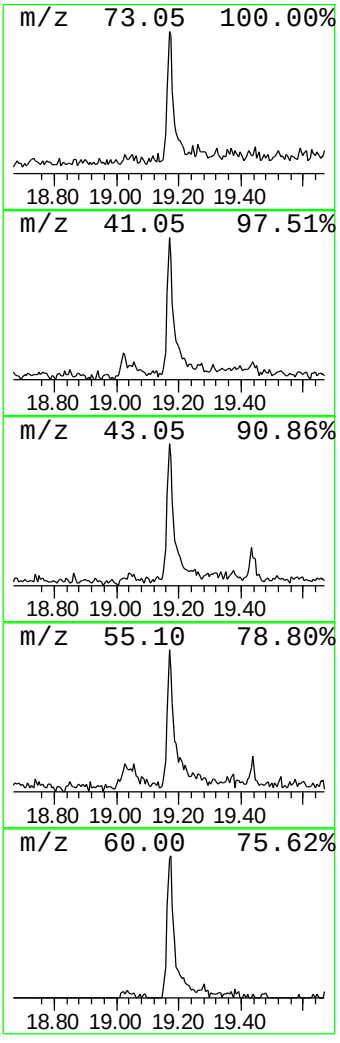
Peak Number 2 Octadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.17	3.97 ng/ul	364169	Chrysene-d12	21.18

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	97
3	Octadecanoic acid	284	C18H36O2	000057-11-4	95
4	Octadecanoic acid	284	C18H36O2	000057-11-4	94
5	Octadecanoic acid	284	C18H36O2	000057-11-4	94





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Sample : J1316-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6C84

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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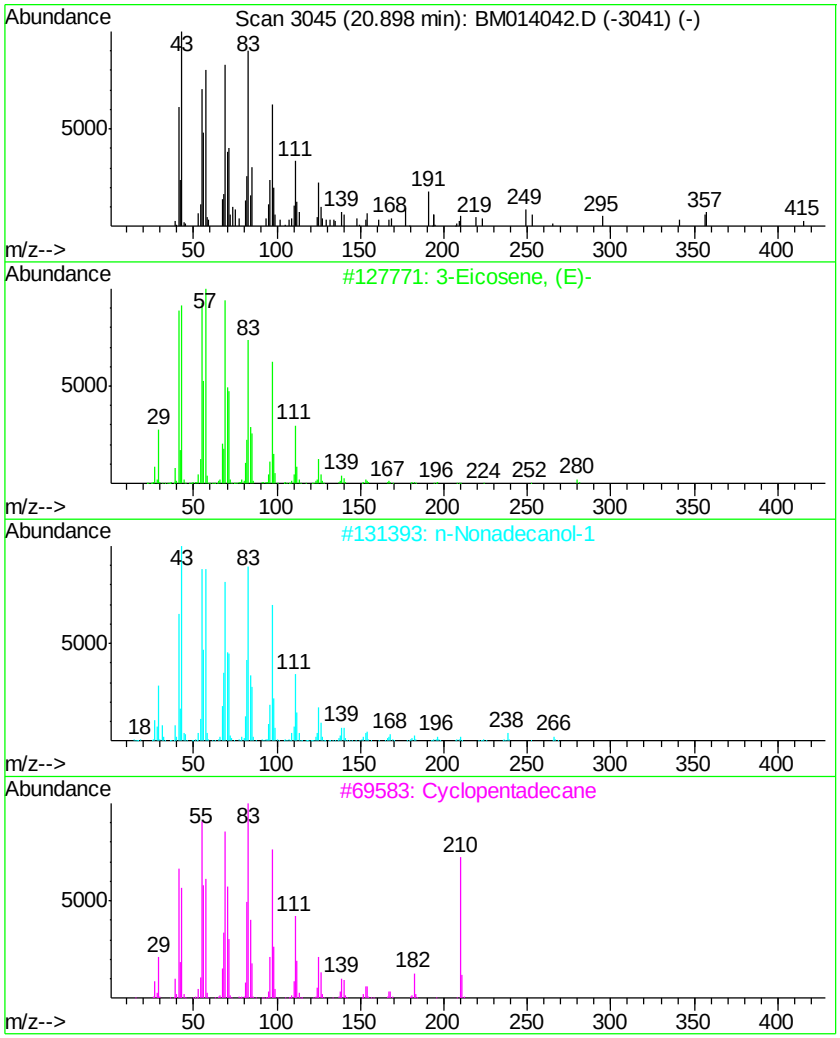
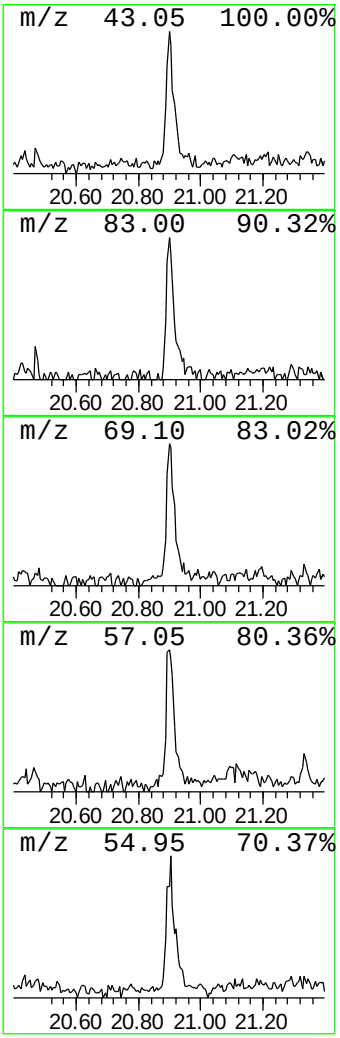
Peak Number 3 (DEL) Alkane: Cyclic20.90 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.90	2.35 ng/ul	215649	Chrysene-d12	21.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	95
2	n-Nonadecanol-1	284	C19H40O	001454-84-8	94
3	Cyclopentadecane	210	C15H30	000295-48-7	93
4	9-Eicosene, (E)-	280	C20H40	074685-29-3	93
5	5-Eicosene, (E)-	280	C20H40	074685-30-6	92





Tentatively Identified Compound (LSC) summary

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Misc :
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Instrument : 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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
n-Hexadecanoic acid	17.88	6.4	ng/ul	469846	4	16.97	1473290	20.0
Octadecanoic acid	19.17	4.0	ng/ul	364169	5	21.18	1834050	20.0
(DEL) Alkane: Cyc...	20.90	2.4	ng/ul	215649	5	21.18	1834050	20.0