LSC Area Percent Report

Data Path : U:\HPCHEM1\BNA M\DATA\BM020218\
Data File : BM014127.D
Acq On : 02 Feb 2018 23:21
Operator : SJ/JU
Sample : J1355-13
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6D59

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	3.116	19	22	25	rBV2	27919	32861	1.09%	0.101%
2	6.740	633	638	653	rBV	427727	817442	27.07%	2.518%
3	6.898	660	665	678	rBV	330949	534288	17.69%	1.646%
4	7.087	691	697	707	rBV	503668	828433	27.43%	2.552%
5	7.551	770	776	788	rBV	391106	663810	21.98%	2.045%
6	8.269	891	898	917	rBV	548791	1009043	33.41%	3.108%
7	8.710	966	973	988	rBV	490121	883006	29.24%	2.720%
8	9.104	1035	1040	1044	rVB	21423	31720	1.05%	0.098%
9	9.428	1088	1095	1109	rBV	415022	779606	25.81%	2.401%
10	9.963	1180	1186	1201	rBV	577624	1075732	35.62%	3.313%
11	10.322	1240	1247	1254	rBV	541954	899360	29.78%	2.770%
12	10.481	1267	1274	1285	rBV	442706	930558	30.81%	2.866%
13	13.627	1802	1809	1814	rBV	1141858	1650821	54.66%	5.085%
14	13.674	1814	1817	1836	rVB	185861	331622	10.98%	1.021%
15	13.898	1847	1855	1869	rBV	1358446	1967439	65.15%	6.060%
16	14.110	1885	1891	1897	rBV2	51383	77907	2.58%	0.240%
17	14.210	1900	1908	1916	rVV3	774201	1215106	40.24%	3.743%
18	14.457	1945	1950	1965	rBV3	167164	474504	15.71%	1.462%
19	14.733	1993	1997	2005	rVB6	19430	34075	1.13%	0.105%
20	15.069	2050	2054	2060	rVB2	74413	99071	3.28%	0.305%
21	15.210	2072	2078	2095	rVB	1616699	2370919	78.51%	7.303%
22	15.363	2098	2104	2116	rBV	273269	538999	17.85%	1.660%
23	15.457	2116	2120	2129	rVB9	27007	65410	2.17%	0.201%
24	15.939	2197	2202	2209	rVB	60449	101345	3.36%	0.312%
25	16.727	2331	2336	2340	rBV	34811	48854	1.62%	0.150%
26	16.962	2370	2376	2384	rBV	1097546	1483852	49.13%	4.570%
27	17.062	2387	2393	2406	rVV	1751672	2593244	85.87%	7.987%
28	17.874	2525	2531	2541	rBV	310826	524126	17.36%	1.614%
29	19.009	2720	2724	2727	rBV3	31145	46027	1.52%	0.142%
30	19.162	2745	2750	2758	rBV3	188567	311972	10.33%	0.961%
31	19.262	2763	2767	2772	rVB3	20167	36355	1.20%	0.112%
32	19.368	2779	2785	2793	rBV	2206114	2988162	98.95%	9.204%
33	20.886	3039	3043	3053	rBV	333750	502350	16.63%	1.547%
34	21.168	3086	3091	3101	rBV	1235279	1818488	60.22%	5.601%

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Stop Thrs : 0 Peak Location: TOP

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Title : SVOA CALIBRATION

35	23.209	3432	3438	3450	rVB2	1653108	3019979	100.00%	9.302%
36	23.350	3456	3462	3469	rVB	868642	1679862	55.62%	5.174%

Sum of corrected areas: 32466348

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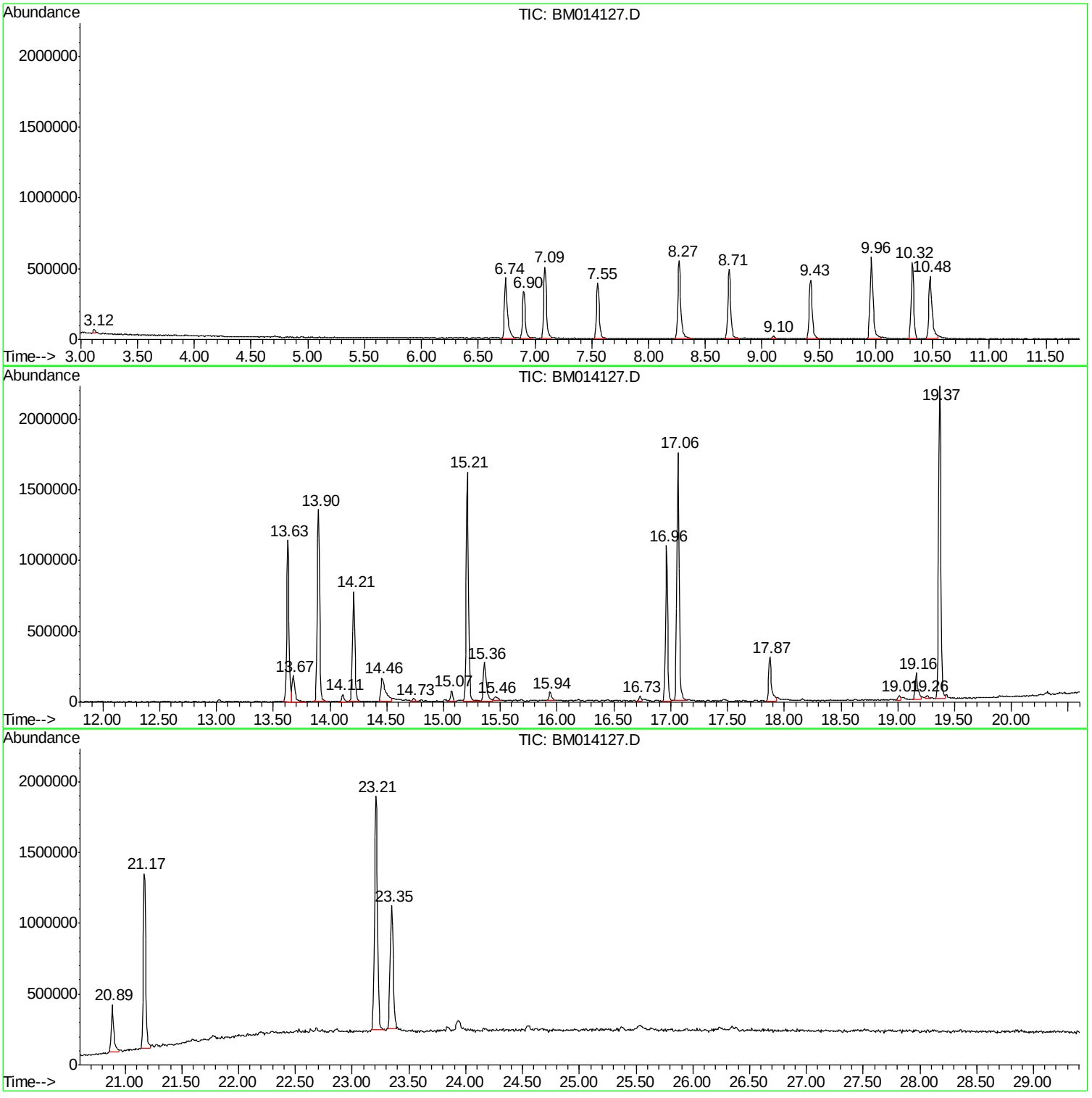
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM013118.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

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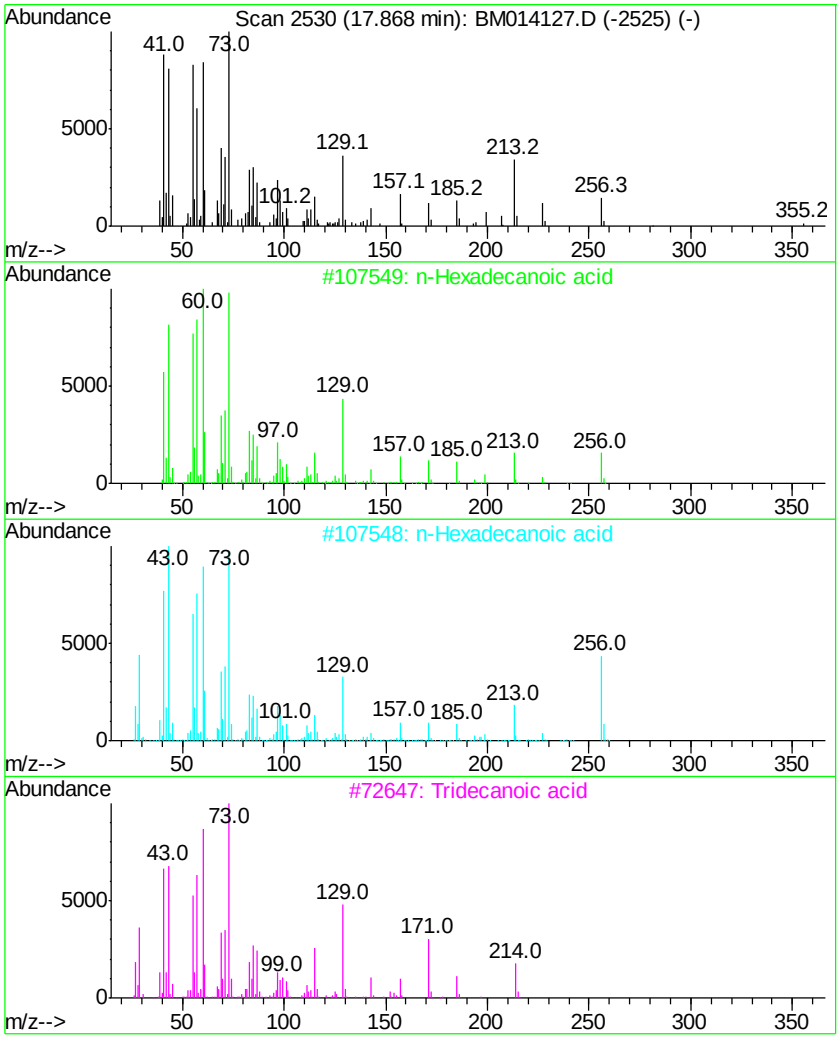
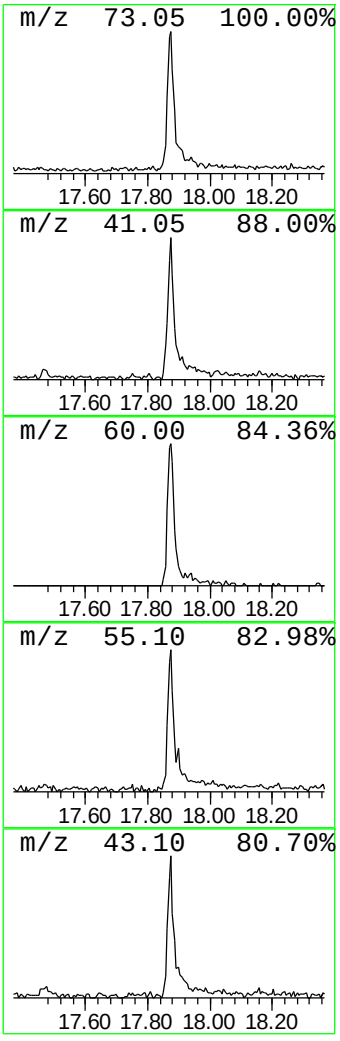
Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.87	7.06 ng/ul	524126	Phenanthrene-d10	16.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
3	Tridecanoic acid	214	C13H26O2	000638-53-9	86
4	n-Decanoic acid	172	C10H20O2	000334-48-5	83
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	76





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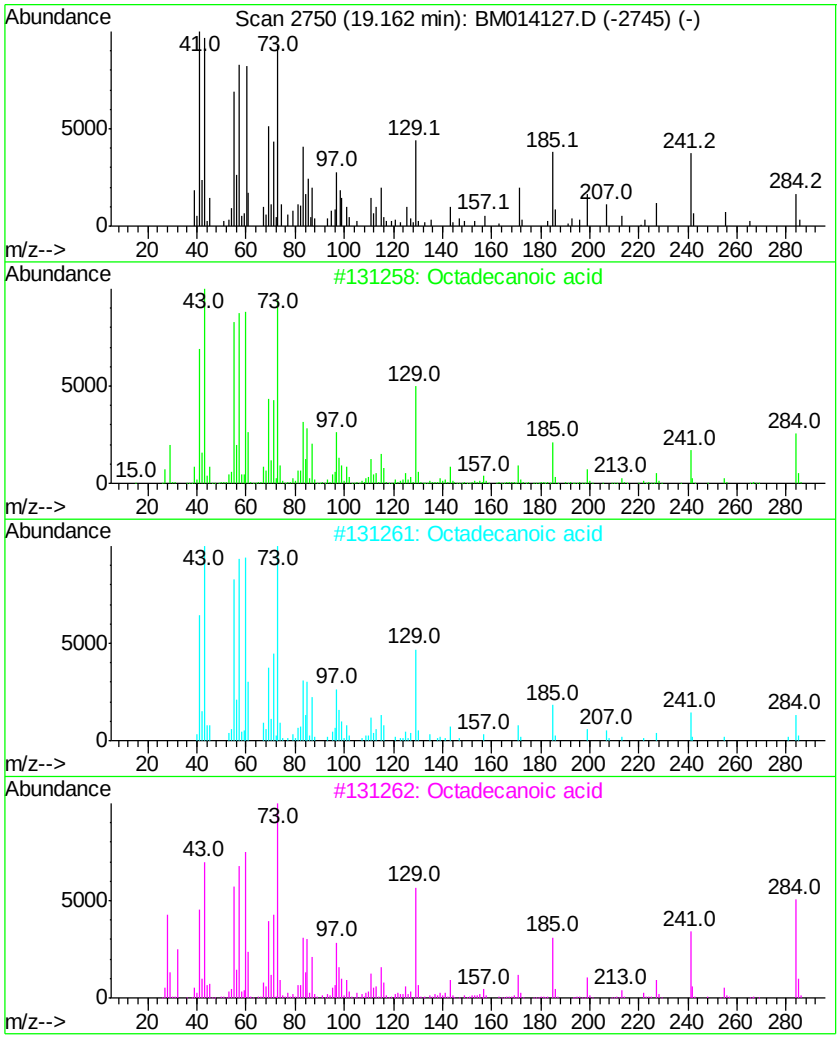
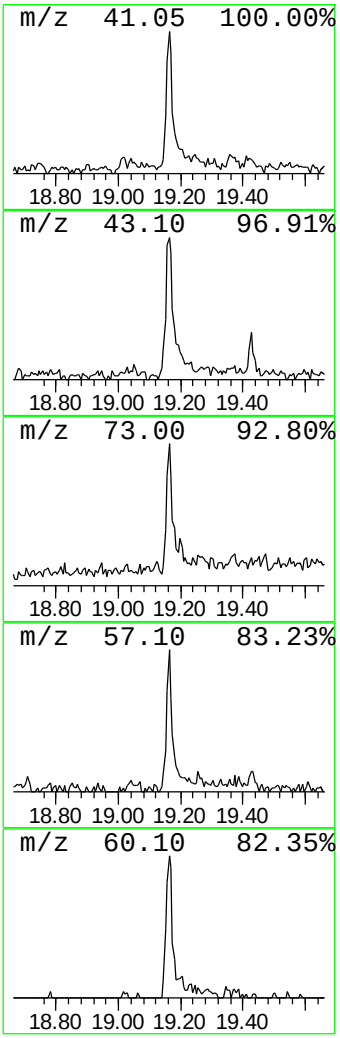
Peak Number 2 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.16	3.43 ng/ul	311972	Chrysene-d12	21.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	96
2	Octadecanoic acid	284	C18H36O2	000057-11-4	86
3	Octadecanoic acid	284	C18H36O2	000057-11-4	78
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
5	Tridecanoic acid	214	C13H26O2	000638-53-9	58





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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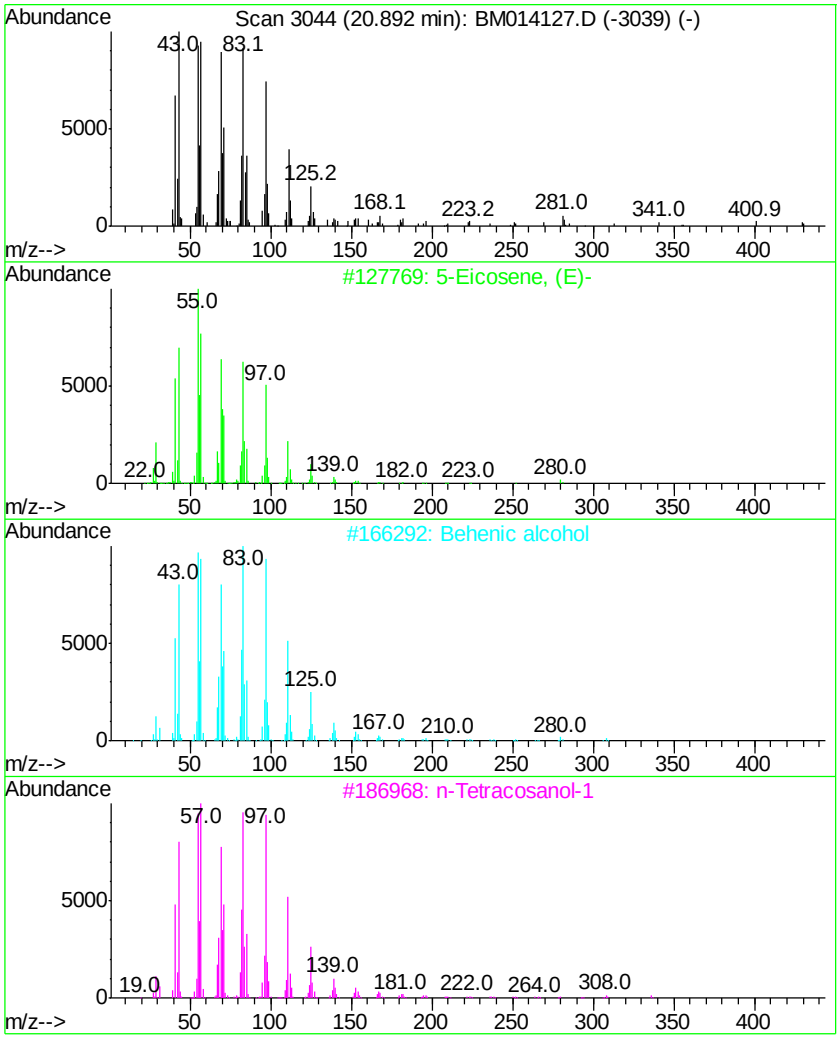
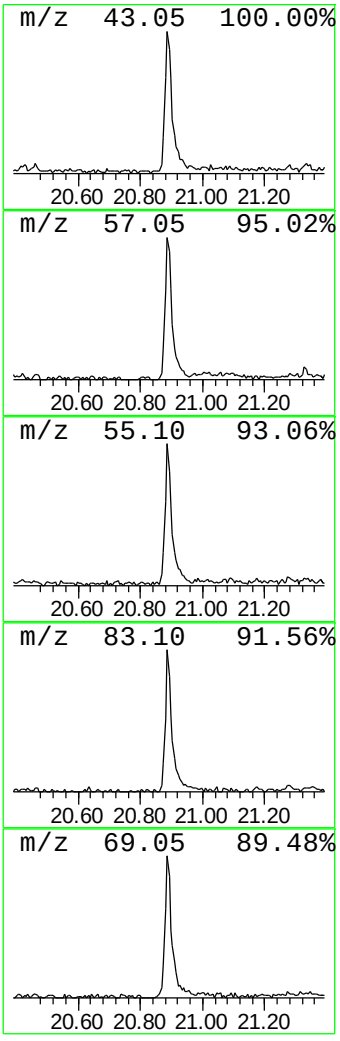
Peak Number 3 (DEL) Alkane: Cyclic20.89 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.89	5.52 ng/ul	502350	Chrysene-d12	21.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	98
2	Behenic alcohol	326	C22H46O	000661-19-8	94
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
4	1-Heneicosanol	312	C21H44O	015594-90-8	93
5	1-Heptacosanol	396	C27H56O	002004-39-9	91





Tentatively Identified Compound (LSC) summary

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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	17.87	7.1	ng/ul	524126	4	16.96	1483850	20.0
Octadecanoic acid	19.16	3.4	ng/ul	311972	5	21.17	1818490	20.0
(DEL) Alkane: Cyc...	20.89	5.5	ng/ul	502350	5	21.17	1818490	20.0