LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012417\
Data File : BM008847.D
Acq On : 24 Jan 2017 20:27
Operator : UM/SJ
Sample : I1315-12
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BDN28

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\SOM02.2-EPA-BM012317.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	7.081	758	764	775	rVB3	267301	456511	3.38%	1.112%
2	7.263	789	795	802	rBV	198943	301141	2.23%	0.734%
3	7.463	822	829	837	rBV	256197	399050	2.95%	0.972%
4	7.934	903	909	915	rBV2	342769	564479	4.18%	1.375%
5	8.628	1021	1027	1034	rVB2	249267	390666	2.89%	0.952%
6	9.098	1099	1107	1116	rBV2	313593	524744	3.88%	1.278%
7	9.816	1224	1229	1239	rBV3	109691	193345	1.43%	0.471%
8	10.345	1311	1319	1327	rBV2	254392	433871	3.21%	1.057%
9	10.739	1379	1386	1392	rVB	403964	664186	4.91%	1.618%
10	13.974	1930	1936	1940	rBV	226625	314144	2.32%	0.765%
11	14.263	1979	1985	1996	rVB	599342	855999	6.33%	2.085%
12	14.568	2031	2037	2044	rBV	574052	827556	6.12%	2.016%
13	15.563	2200	2206	2212	rBV	793880	1109791	8.21%	2.704%
14	17.315	2496	2504	2509	rBV	725441	1028835	7.61%	2.506%
15	17.415	2514	2521	2530	rBV2	916617	1316069	9.74%	3.206%
16	19.615	2889	2895	2899	rBV	13635610	13517372	100.00%	32.931%
17	19.703	2904	2910	2917	rVB	1185378	1615850	11.95%	3.937%
18	20.656	3067	3072	3076	rBV	12080943	12207021	90.31%	29.739%
19	21.168	3155	3159	3165	rBV2	150583	175217	1.30%	0.427%
20	21.480	3207	3212	3218	rBV	1113605	1439525	10.65%	3.507%
21	23.691	3581	3588	3595	rBV	785454	1517571	11.23%	3.697%
22	23.844	3608	3614	3621	rVB2	609063	1194385	8.84%	2.910%

Sum of corrected areas: 41047328

LSC Report - Integrated Chromatogram

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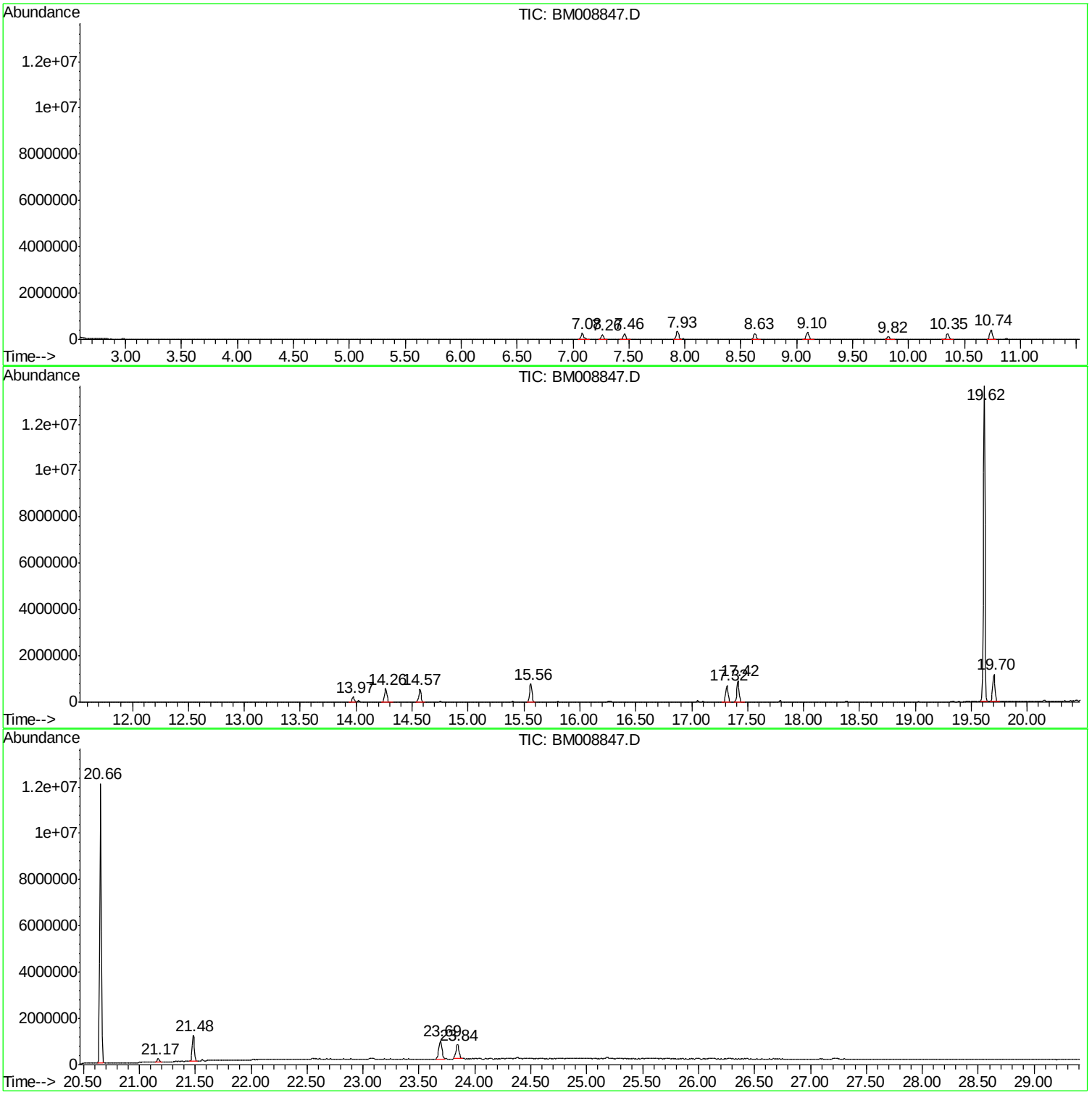
Instrument :
BNA_M
ClientSampleId :
BDN28

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM012317.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

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Data File : BM008847.D
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Operator : UM/SJ
Sample : I1315-12
Misc :
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Instrument : BNA_M
ClientSampleId : BDN28

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM012317.M
Quant Title : SVOA CALIBRATION

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

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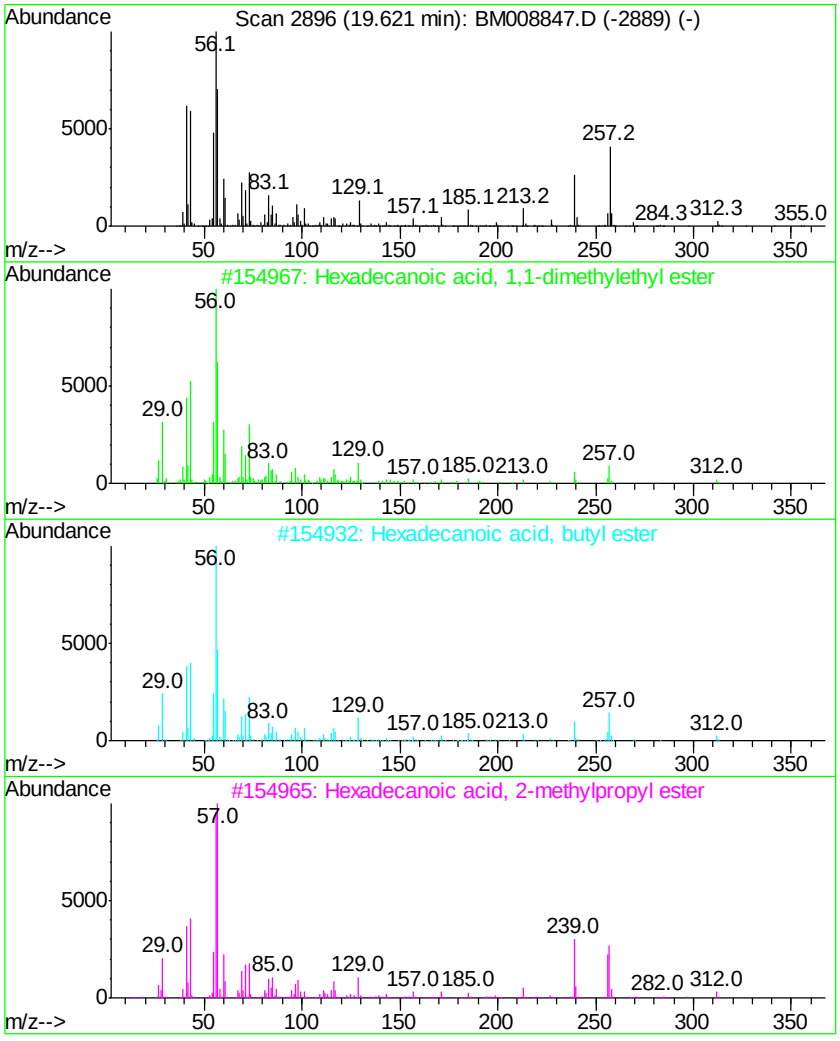
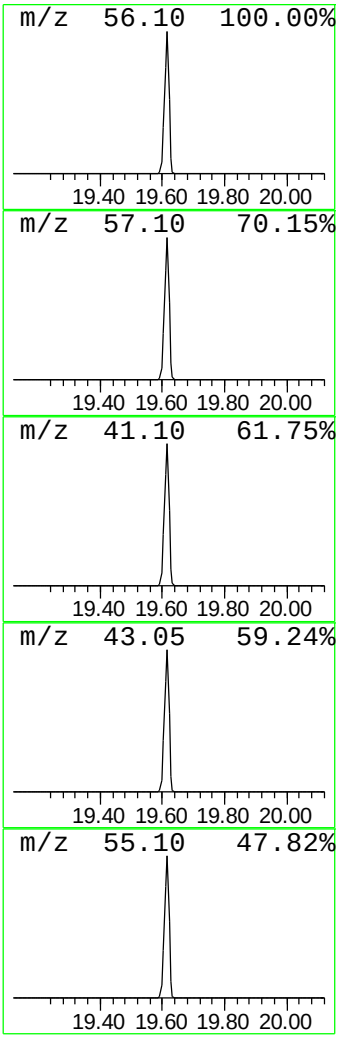
Peak Number 1 Hexadecanoic acid, 1,1-dime... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.62	187.80 ng/ul	13517400	Chrysene-d12	21.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	64
2	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	55
3	Hexadecanoic acid, 2-methylpropy...	312	C20H40O2	000110-34-9	50
4	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	49
5	Eicosanoic acid	312	C20H40O2	000506-30-9	42





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Instrument : BNA_M
ClientSampleId : BDN28

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM012317.M
Quant Title : SVOA CALIBRATION

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

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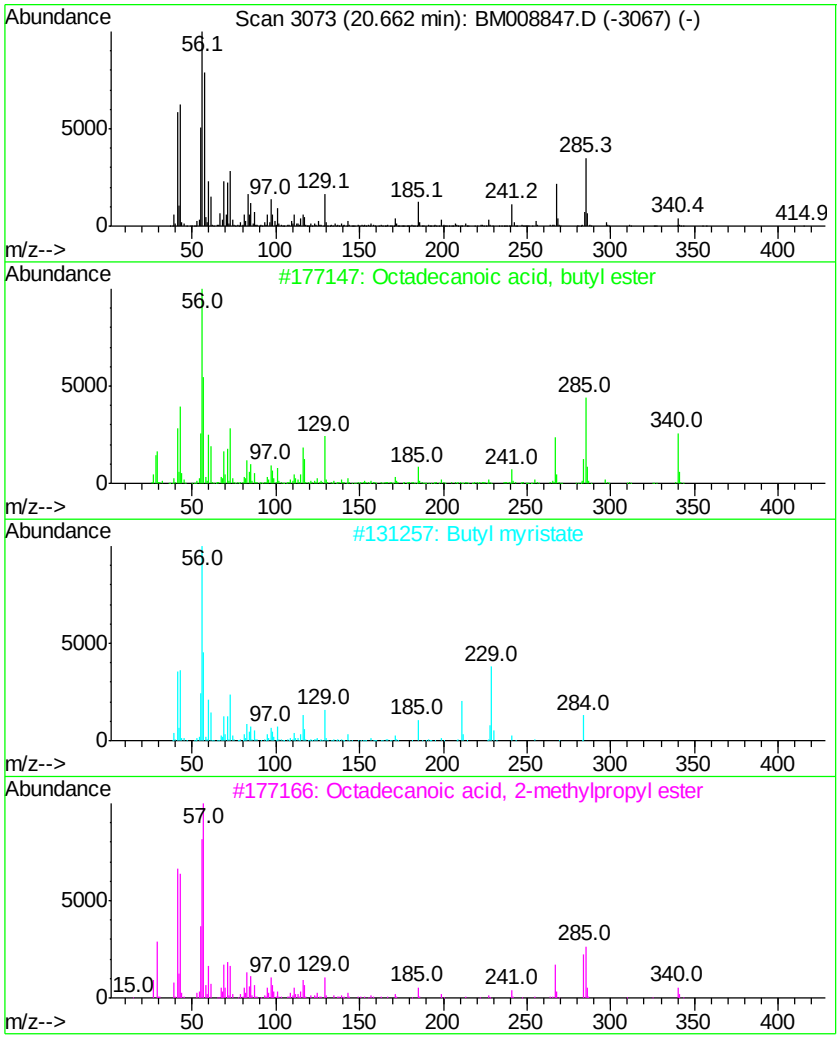
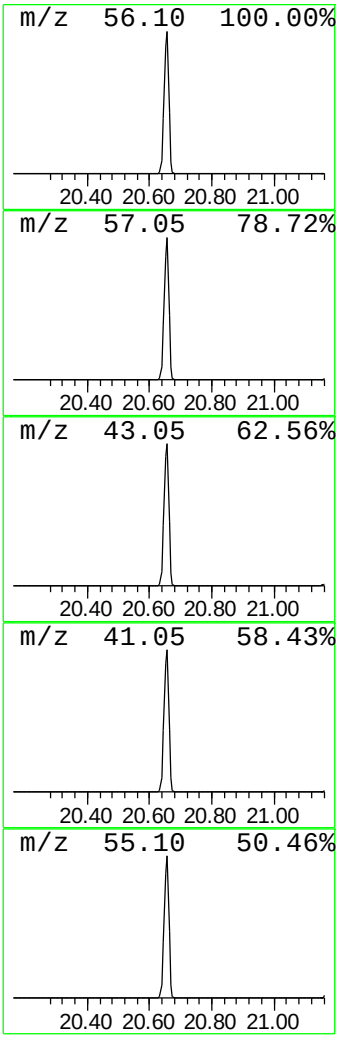
Peak Number 2 Octadecanoic acid, butyl ester Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.66	169.60 ng/ul	12207000	Chrysene-d12	21.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	86
2	Butyl myristate	284	C18H36O2	000110-36-1	59
3	Octadecanoic acid, 2-methylpropy...	340	C22H44O2	000646-13-9	49
4	2-Butyl-1-decene	196	C14H28	051655-65-3	35
5	2-Methyl-1-tetradecene	210	C15H30	052254-38-3	35





Library Search Compound Report

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Sample : I1315-12
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BDN28

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM012317.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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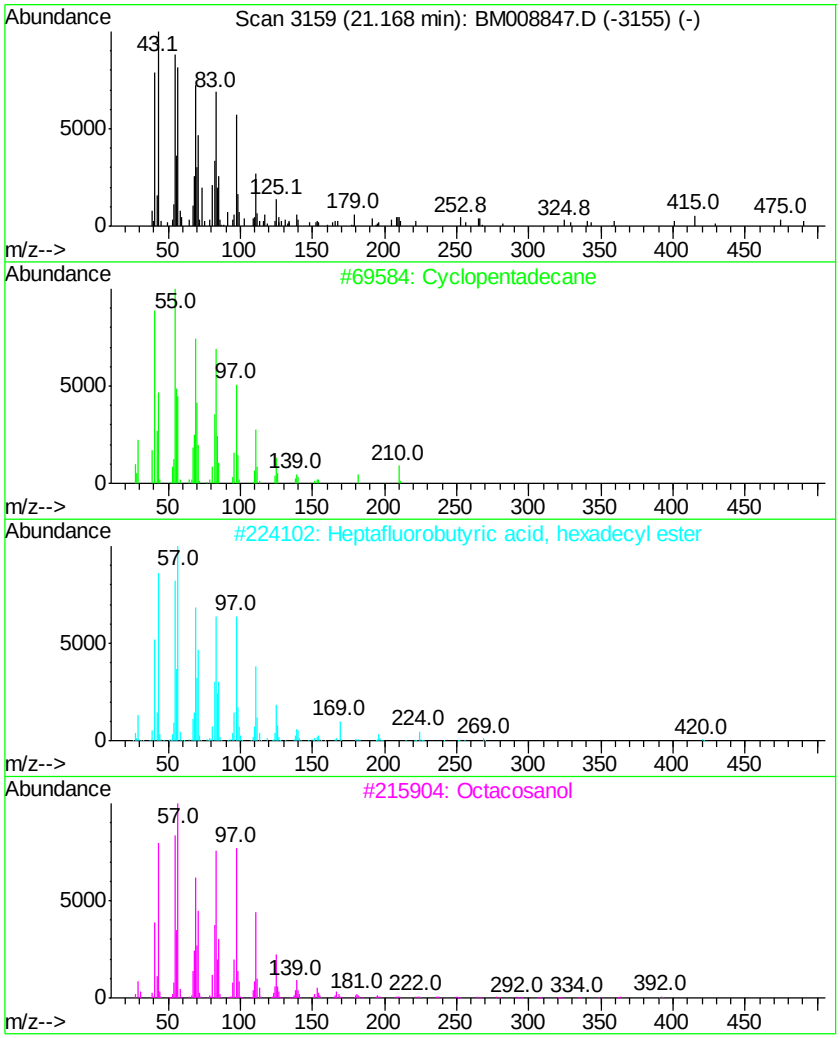
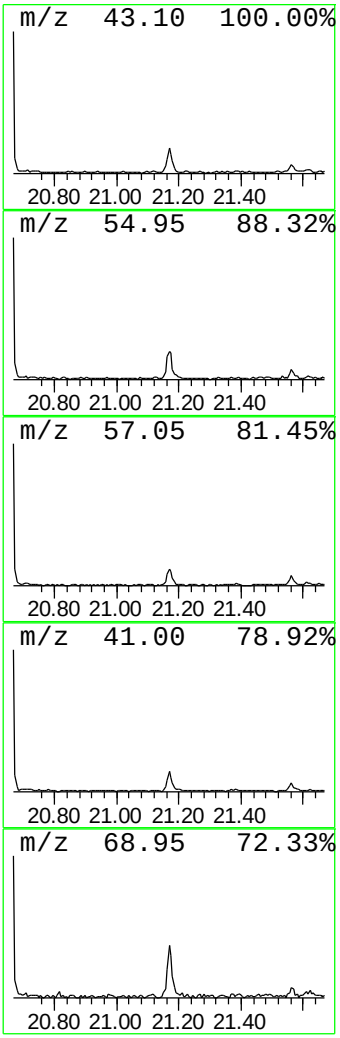
Peak Number 3 (DEL) Alkane: Cyclic21.17 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.17	2.43 ng/ul	175217	Chrysene-d12	21.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentadecane	210	C15H30	000295-48-7	91
2	Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	87
3	Octacosanol	410	C28H58O	000557-61-9	87
4	1-Heptacosanol	396	C27H56O	002004-39-9	87
5	Cyclotetracosane	336	C24H48	000297-03-0	87





Tentatively Identified Compound (LSC) summary

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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BDN28

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM012317.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
Hexadecanoic acid...	19.62	187.8	ng/ul	13517400	5	21.48	1439530	20.0
Octadecanoic acid...	20.66	169.6	ng/ul	12207000	5	21.48	1439530	20.0
(DEL) Alkane: Cyc...	21.17	2.4	ng/ul	175217	5	21.48	1439530	20.0