LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM013017\
Data File : BM008929.D
Acq On : 31 Jan 2017 01:31
Operator : SJ/MA
Sample : I1319-07
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BDP11

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-BM013017.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	7.069	754	762	775	rBV3	621242	1159448	5.83%	1.730%
2	7.245	786	792	799	rVB	367947	553887	2.78%	0.826%
3	7.445	820	826	834	rVB2	575644	904325	4.54%	1.349%
4	7.916	899	906	912	rBV	403979	639928	3.22%	0.955%
5	8.610	1016	1024	1032	rBV	653134	1043277	5.24%	1.557%
6	9.081	1094	1104	1113	rBV	594573	980001	4.92%	1.462%
7	9.804	1218	1227	1235	rBV	520929	876973	4.41%	1.309%
8	10.334	1310	1317	1325	rBV	691591	1125133	5.65%	1.679%
9	10.722	1375	1383	1390	rBV	462616	772945	3.88%	1.153%
10	10.857	1399	1406	1414	rBV2	566240	970508	4.88%	1.448%
11	13.963	1926	1934	1938	rBV	1126891	1572448	7.90%	2.346%
12	14.004	1938	1941	1946	rVB2	186291	247982	1.25%	0.370%
13	14.251	1977	1983	1991	rVB	1115238	1581449	7.95%	2.360%
14	14.557	2028	2035	2043	rVB	692960	979744	4.92%	1.462%
15	14.739	2059	2066	2077	rBV	760762	1073849	5.40%	1.602%
16	15.545	2196	2203	2209	rBV	1350236	1986661	9.98%	2.964%
17	15.657	2217	2222	2234	rVB	636091	888129	4.46%	1.325%
18	17.304	2495	2502	2508	rVB2	864512	1243737	6.25%	1.856%
19	17.398	2511	2518	2527	rBV2	1642717	2303447	11.57%	3.437%
20	18.174	2644	2650	2655	rBV	262603	363836	1.83%	0.543%
21	19.604	2887	2893	2897	rBV	19291820	19900802	100.00%	29.695%
22	19.692	2902	2908	2916	rVB	1978896	2679469	13.46%	3.998%
23	20.645	3064	3070	3074	rBV	16739464	16942999	85.14%	25.282%
24	21.162	3154	3158	3162	rBV	212286	266574	1.34%	0.398%
25	21.474	3205	3211	3216	rBV	1306338	1666800	8.38%	2.487%
26	23.674	3578	3585	3596	rVB2	1417611	2807596	14.11%	4.189%
27	23.827	3605	3611	3622	rVB2	728295	1484693	7.46%	2.215%

Sum of corrected areas: 67016640

LSC Report - Integrated Chromatogram

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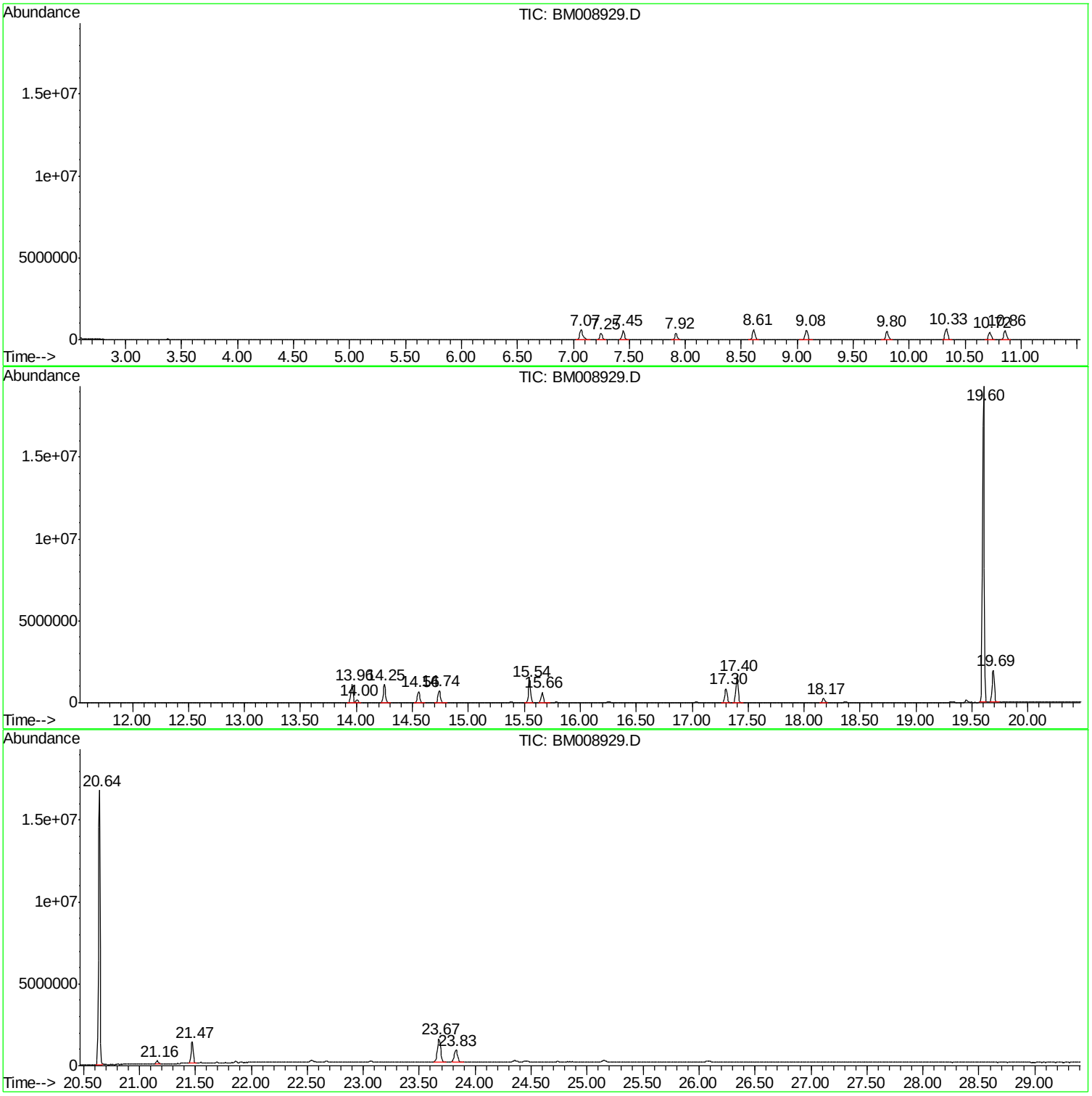
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BDP11

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM013017.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

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Operator : SJ/MA
Sample : I1319-07
Misc :
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Instrument : BNA_M
ClientSampleId : BDP11

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM013017.M
Quant Title : SVOA CALIBRATION

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

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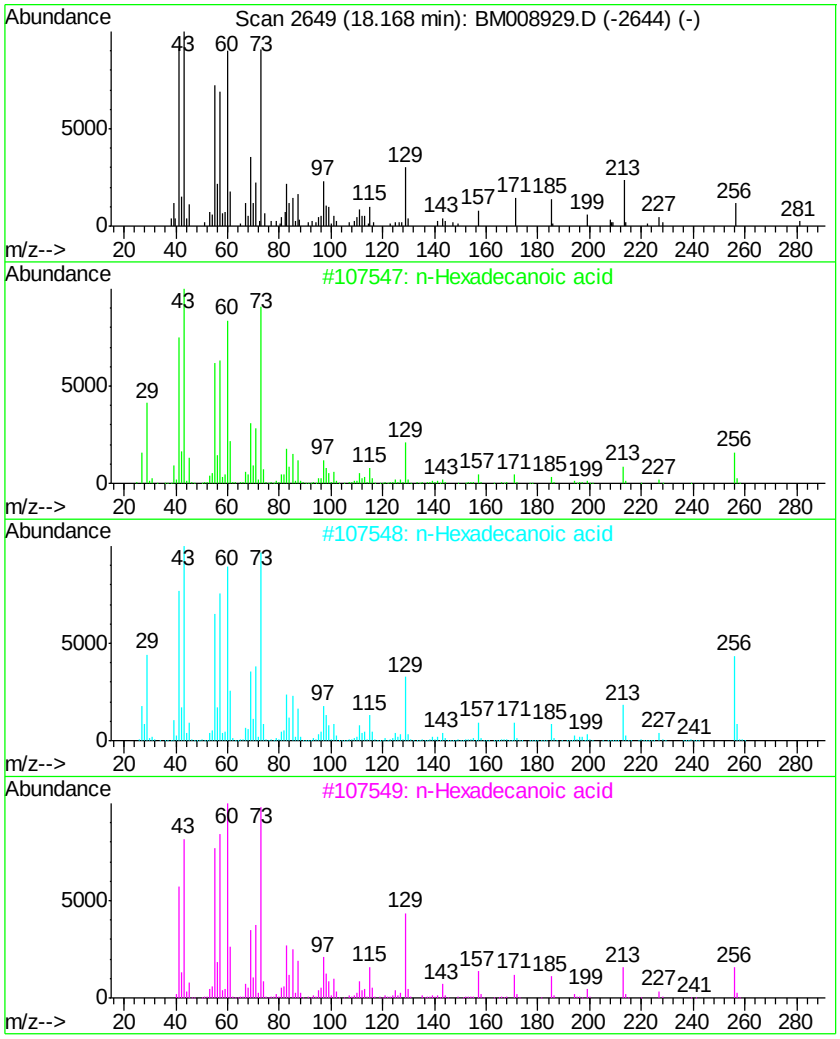
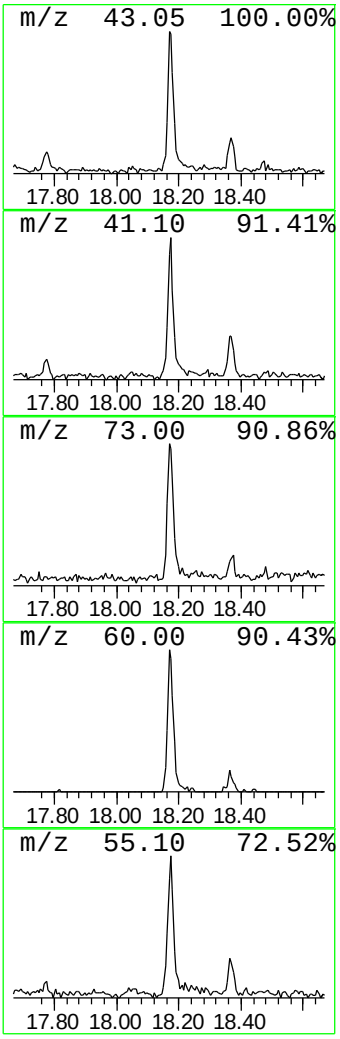
Peak Number 1 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.17	5.85 ng/ul	363836	Phenanthrene-d10	17.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
4	Tridecanoic acid	214	C13H26O2	000638-53-9	62
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	53





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Instrument : BNA_M
ClientSampleId : BDP11

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM013017.M
Quant Title : SVOA CALIBRATION

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

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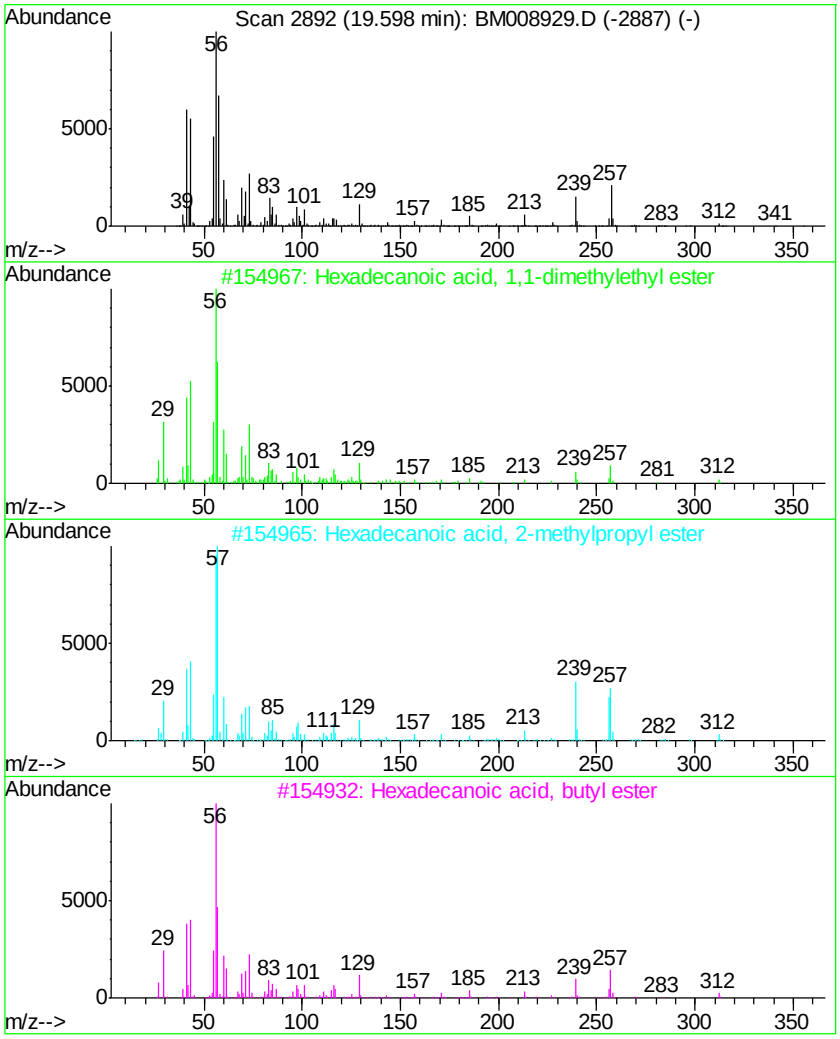
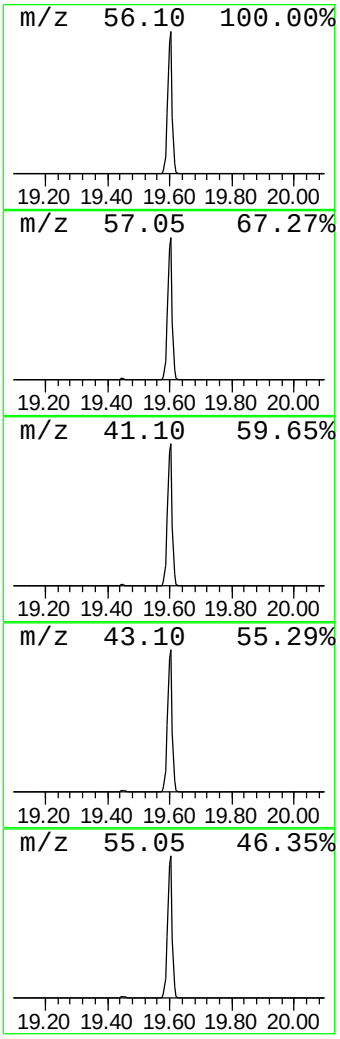
Peak Number 2 Hexadecanoic acid, 1,1-dime... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.60	238.79 ng/ul	19900800	Chrysene-d12	21.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	90
2	Hexadecanoic acid, 2-methylpropy...	312	C20H40O2	000110-34-9	78
3	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	70
4	Eicosanoic acid	312	C20H40O2	000506-30-9	47
5	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	46





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Operator : SJ/MA
Sample : I1319-07
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Instrument : BNA_M
ClientSampleId : BDP11

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM013017.M
Quant Title : SVOA CALIBRATION

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

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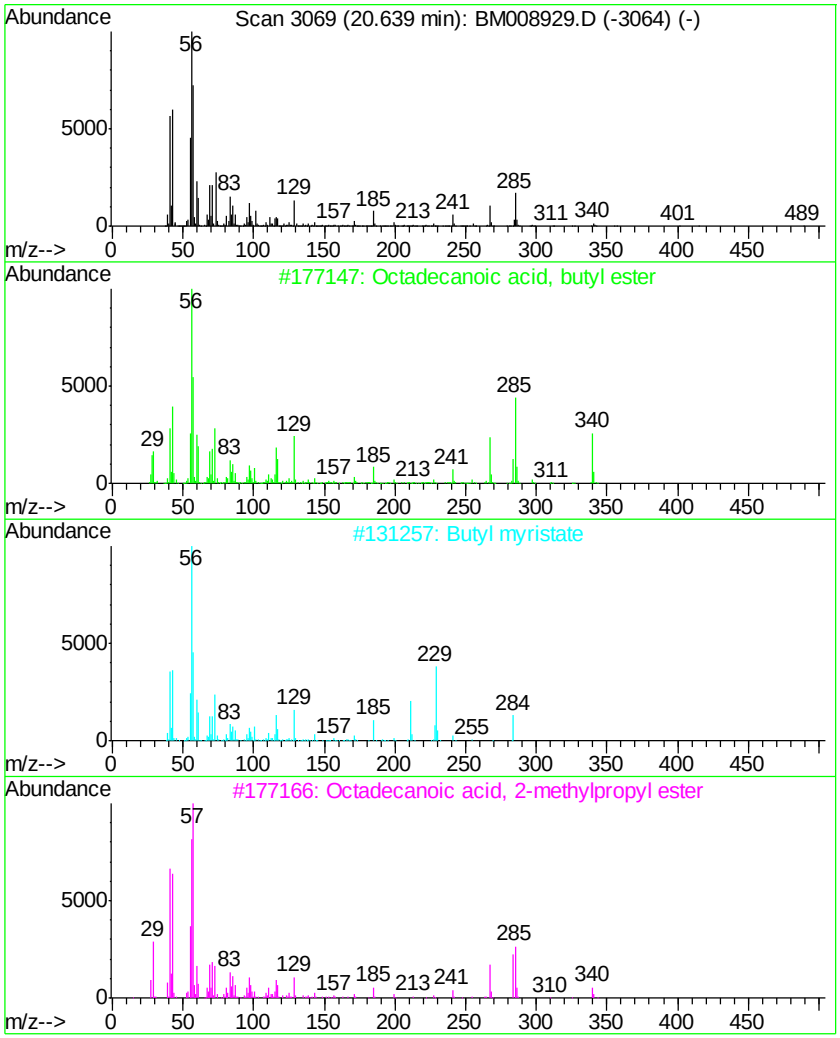
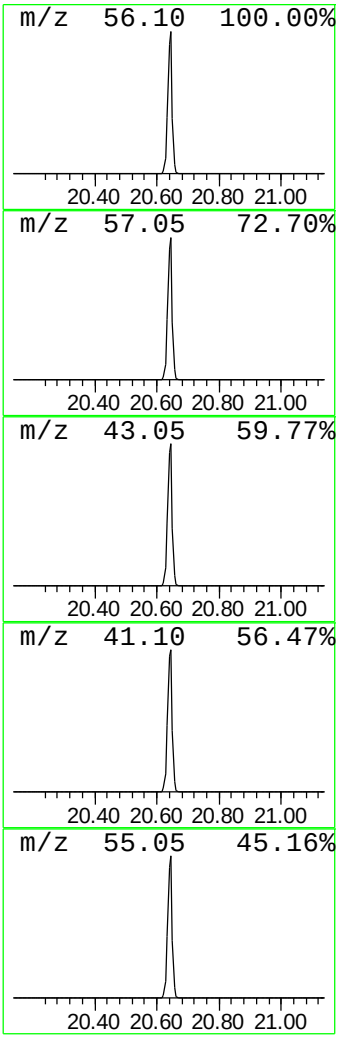
Peak Number 3 Octadecanoic acid, butyl ester Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.64	203.30 ng/ul	16943000	Chrysene-d12	21.47

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-Methyl-1-tetradecene	210	C15H30	052254-38-3	35
5	2-Butyl-1-decene	196	C14H28	051655-65-3	35





Library Search Compound Report

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Instrument : BNA_M
ClientSampleId : BDP11

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Quant Title : SVOA CALIBRATION

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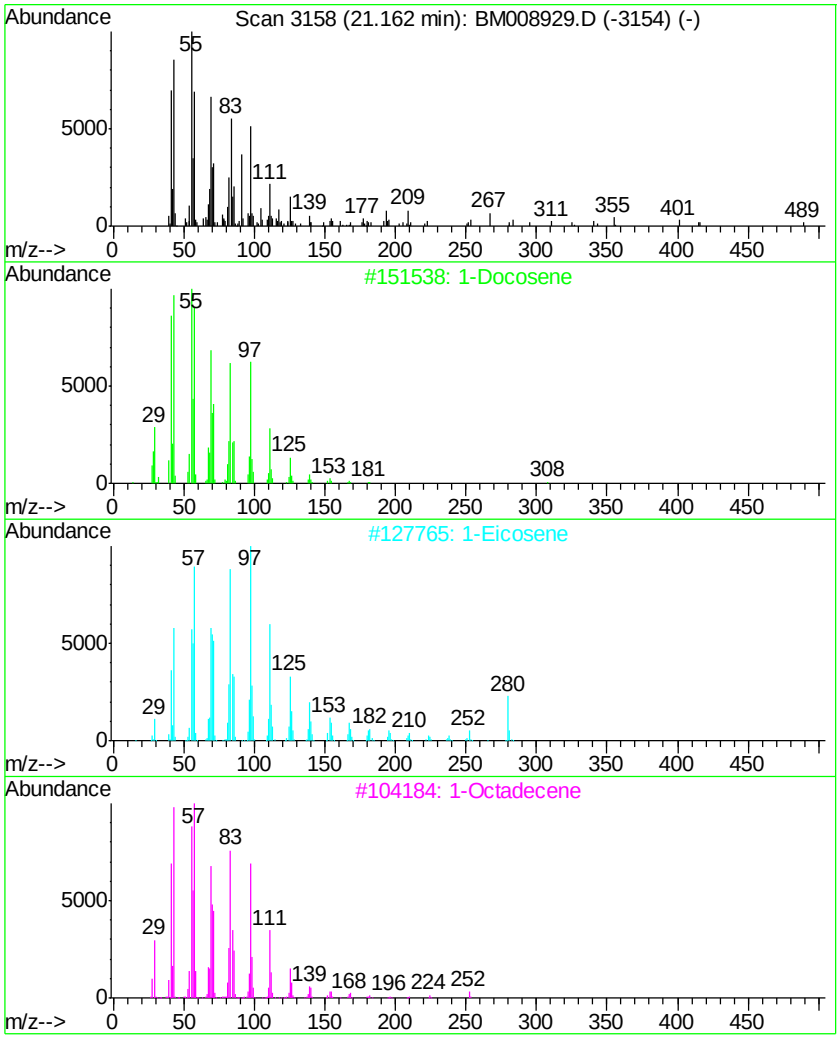
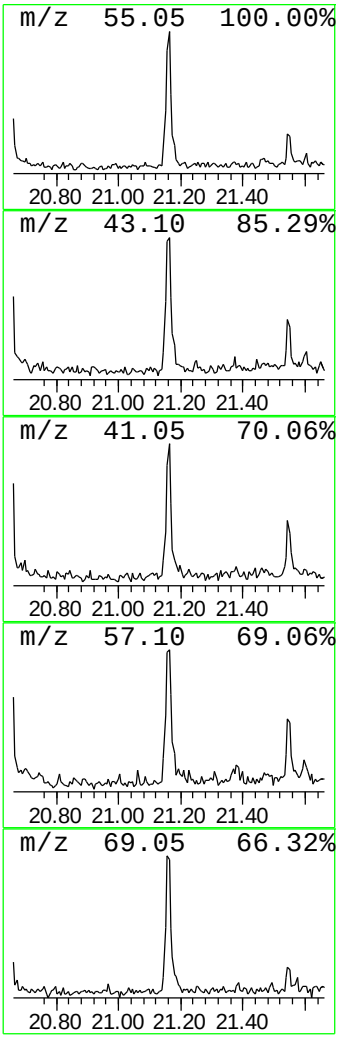
Peak Number 4 (DEL) Alkane: Cyclic21.16 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.16	3.20 ng/ul	266574	Chrysene-d12	21.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	90
2	1-Eicosene	280	C20H40	003452-07-1	90
3	1-Octadecene	252	C18H36	000112-88-9	87
4	5-Eicosene, (E)-	280	C20H40	074685-30-6	87
5	9-Eicosene, (E)-	280	C20H40	074685-29-3	87





Tentatively Identified Compound (LSC) summary

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Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BDP11

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM013017.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	18.17	5.8	ng/ul	363836	4	17.30	1243740	20.0
Hexadecanoic acid...	19.60	238.8	ng/ul	19900800	5	21.47	1666800	20.0
Octadecanoic acid...	20.64	203.3	ng/ul	16943000	5	21.47	1666800	20.0
(DEL) Alkane: Cyc...	21.16	3.2	ng/ul	266574	5	21.47	1666800	20.0