LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF031618\
Data File : BF103686.D
Acq On : 16 Mar 2018 10:37
Operator : JU/SJ
Sample : PB107358BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB107358BL

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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_F\METHODS\8270-BF031518.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.228	530	534	541	rVB	81217	112865	2.23%	0.271%
2	5.593	590	596	599	rBV	4143690	4526416	89.42%	10.883%
3	6.587	758	765	768	rBV	3922715	4418328	87.28%	10.623%
4	6.734	785	790	794	rBV	4057684	4498241	88.86%	10.815%
5	6.963	826	829	833	rVB	1222563	1021593	20.18%	2.456%
6	7.122	852	856	859	rBV	3804244	3525157	69.64%	8.476%
7	7.528	919	925	928	rBV	2839182	2894480	57.18%	6.959%
8	8.245	1043	1047	1051	rVB	1677887	1395753	27.57%	3.356%
9	9.322	1224	1230	1233	rBV	4839135	5054021	99.84%	12.152%
10	10.004	1341	1346	1350	rBV	1826947	1565485	30.93%	3.764%
11	10.792	1476	1480	1484	rBV	2428017	2347972	46.38%	5.645%
12	11.498	1595	1600	1603	rBV	1721997	1581084	31.23%	3.802%
13	12.004	1680	1686	1692	rBV	195991	289825	5.73%	0.697%
14	12.792	1815	1820	1833	rBV	189288	286942	5.67%	0.690%
15	13.086	1865	1870	1874	rBV	4296610	5062195	100.00%	12.171%
16	14.004	2022	2026	2031	rVB	90622	80675	1.59%	0.194%
17	14.145	2045	2050	2053	rBV	1667908	1537441	30.37%	3.697%
18	15.674	2303	2310	2319	rBV	1039683	1392293	27.50%	3.348%

Sum of corrected areas: 41590766

LSC Report - Integrated Chromatogram

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF031618\
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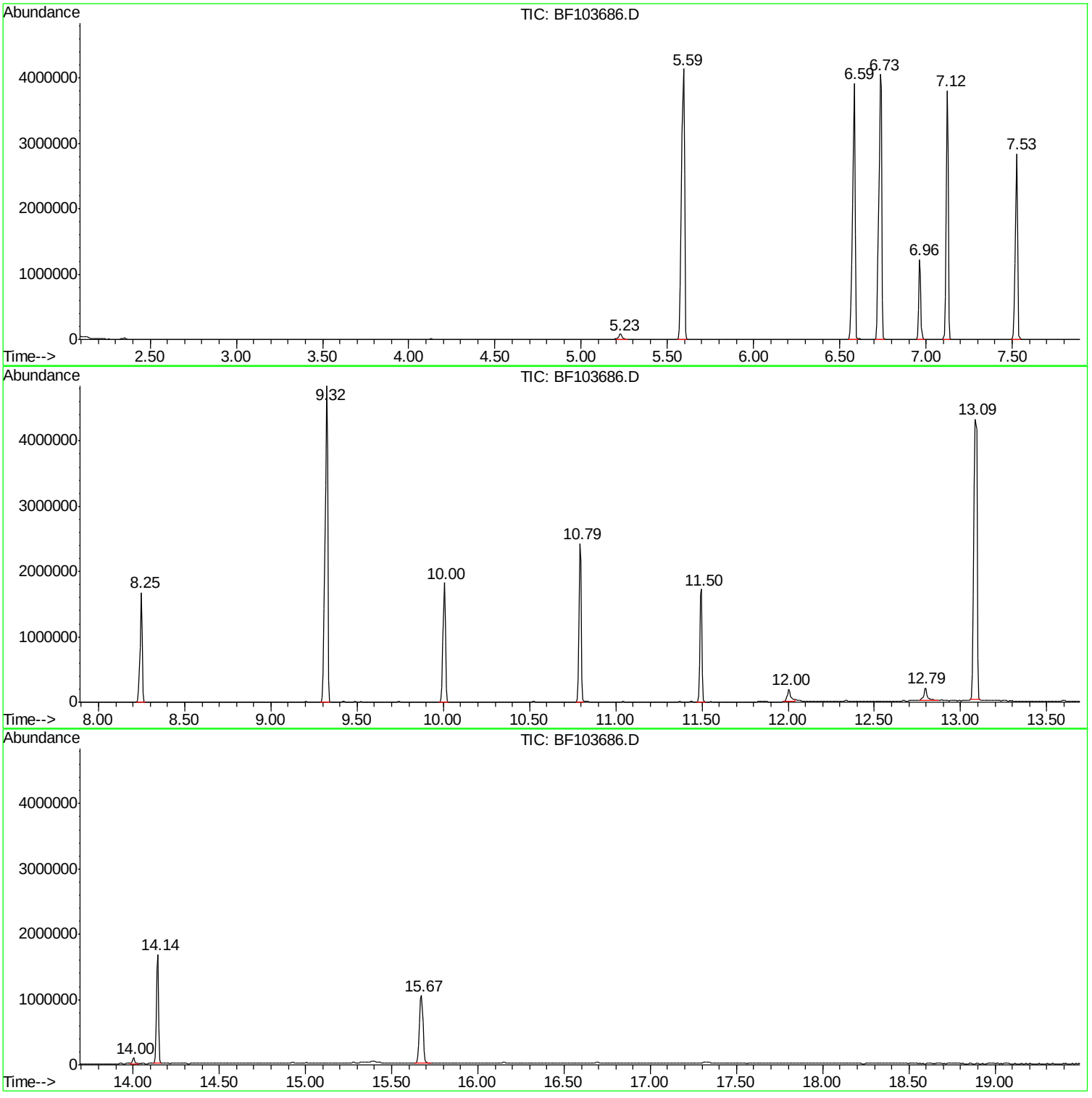
Operator : JU/SJ
Sample : PB107358BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB107358BL

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF031618\
Data File : BF103686.D
Acq On : 16 Mar 2018 10:37
Operator : JU/SJ
Sample : PB107358BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB107358BL

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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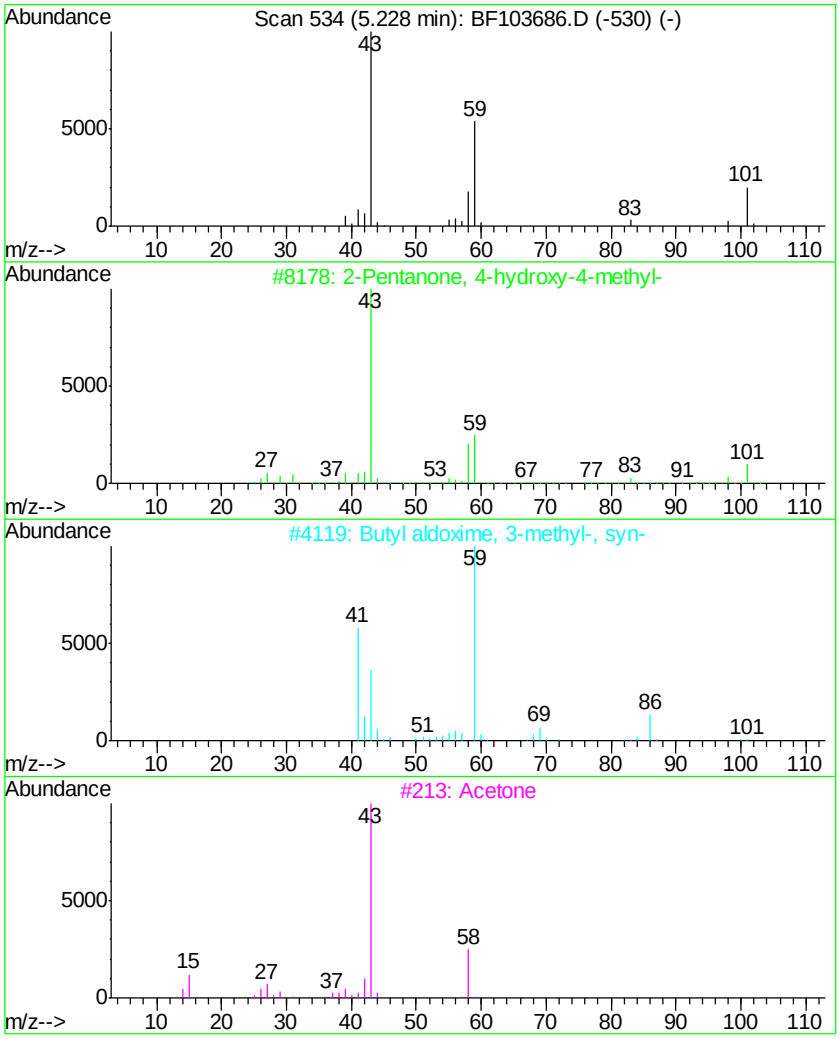
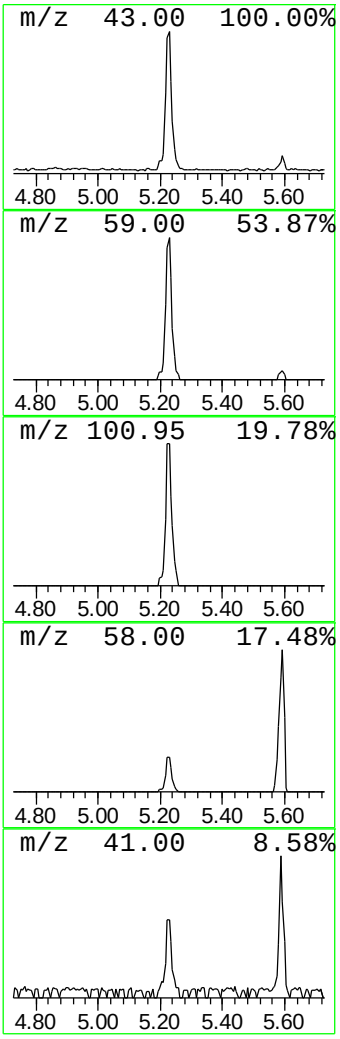
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.23	2.21 ng	112865	1,4-Dichlorobenzene-d4	6.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	17
3	Acetone	58	C3H6O	000067-64-1	10
4	5-Hexen-2-one	98	C6H10O	000109-49-9	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF031618\
Data File : BF103686.D
Acq On : 16 Mar 2018 10:37
Operator : JU/SJ
Sample : PB107358BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB107358BL

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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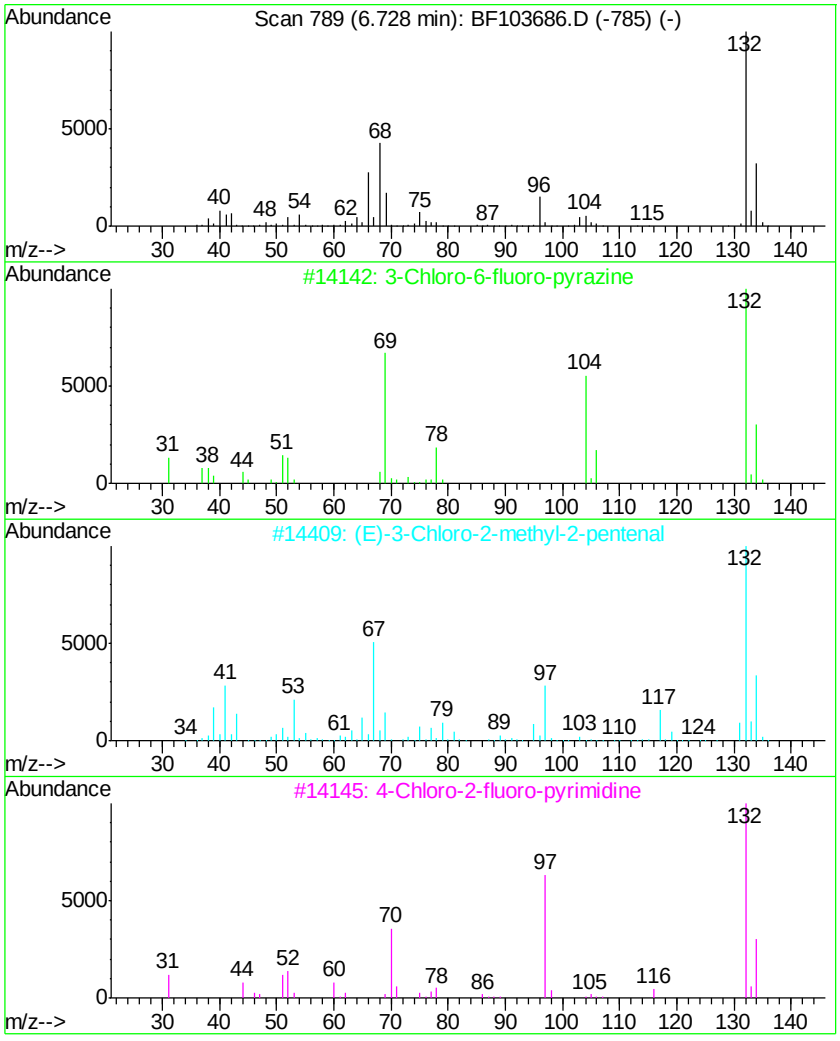
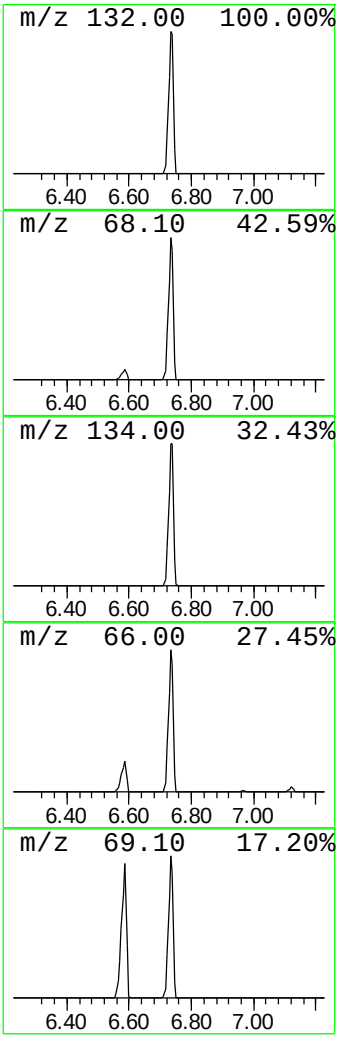
Peak Number 2 unknown6.73 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.73	88.06 ng	4498240	1,4-Dichlorobenzene-d4	6.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
4	5-Aminoindole	132	C8H8N2	005192-03-0	9
5	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9





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Data File : BF103686.D
Acq On : 16 Mar 2018 10:37
Operator : JU/SJ
Sample : PB107358BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB107358BL

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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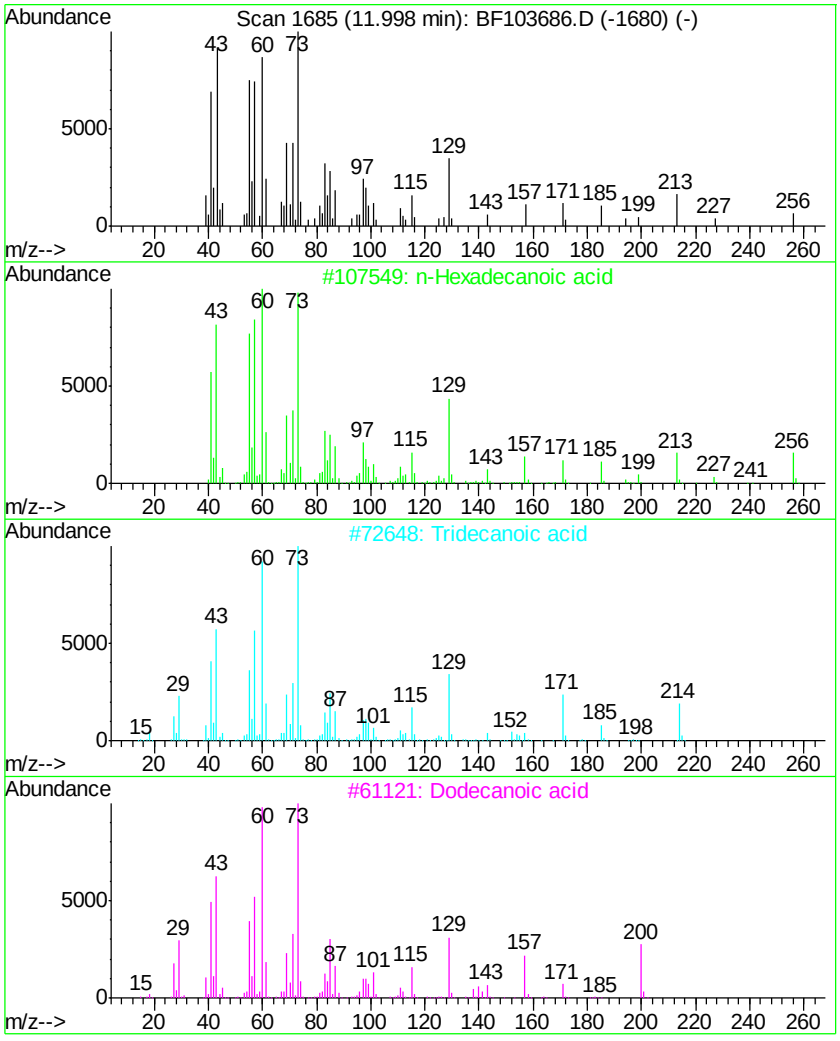
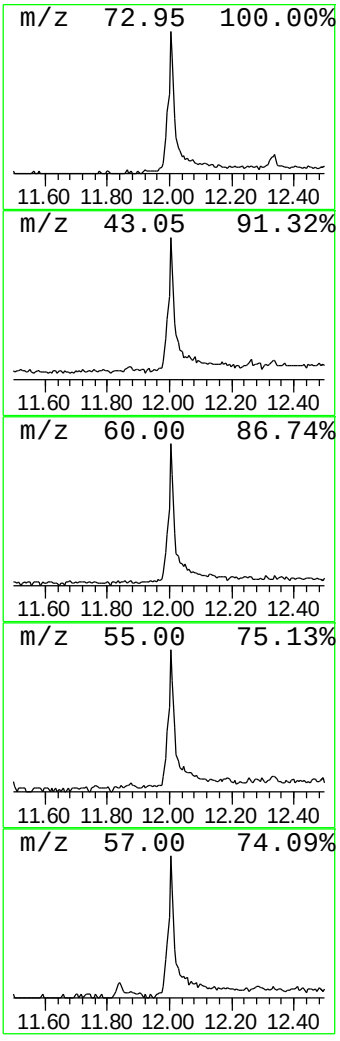
Peak Number 4 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.00	3.67 ng	289825	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	Tridecanoic acid	214	C13H26O2	000638-53-9	86
3	Dodecanoic acid	200	C12H24O2	000143-07-7	80
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	74





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Operator : JU/SJ
Sample : PB107358BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB107358BL

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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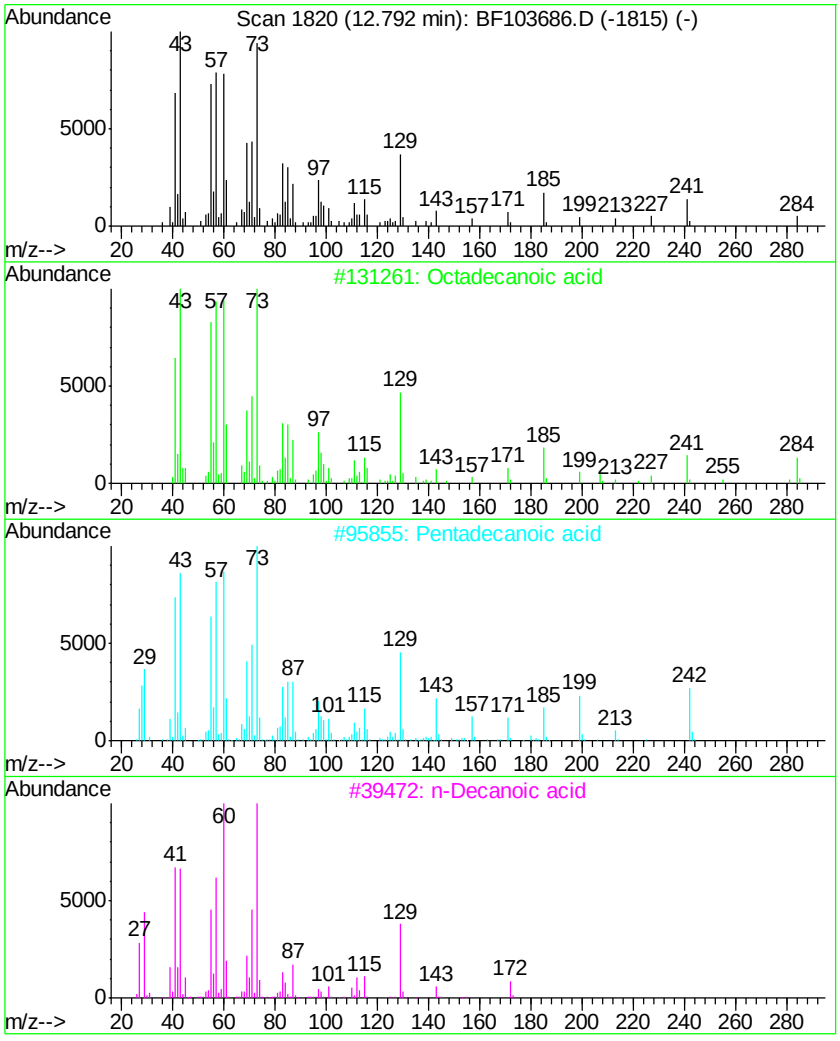
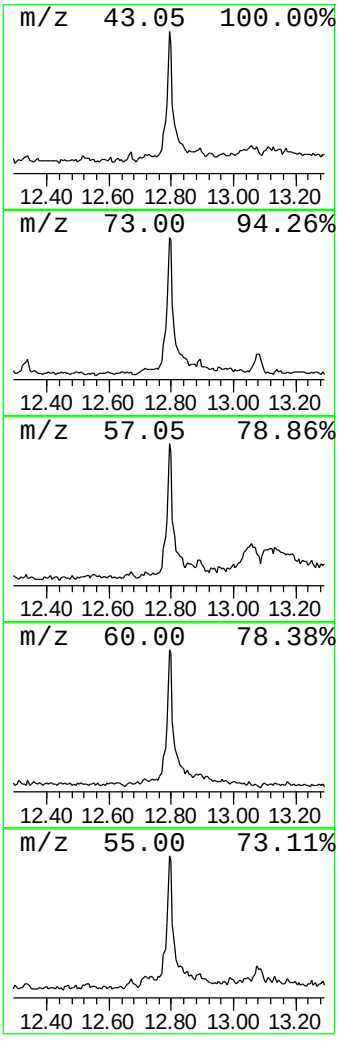
Peak Number 5 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.79	3.63 ng	286942	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
3	n-Decanoic acid	172	C10H20O2	000334-48-5	68
4	Oxalic acid, isobutyl tetradecyl...	342	C20H38O4	1000309-37-9	25
5	Oxalic acid, allyl octadecyl ester	382	C23H42O4	1000309-24-5	20





Tentatively Identified Compound (LSC) summary

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF031618\
Data File : BF103686.D
Acq On : 16 Mar 2018 10:37
Operator : JU/SJ
Sample : PB107358BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT 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
2-Pentanone, 4-hy...	5.23	2.2	ng	112865	1	6.96	1021590	20.0
unknown6.73	6.73	88.1	ng	4498240	1	6.96	1021590	20.0
n-Hexadecanoic acid	12.00	3.7	ng	289825	4	11.50	1581080	20.0
Octadecanoic acid	12.79	3.6	ng	286942	4	11.50	1581080	20.0