LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF111117\
Data File : BF100435.D
Acq On : 11 Nov 2017 12:48
Operator : SJ/JU
Sample : I6289-03 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-02-110817

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-BF110817.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	5.116	511	515	523	rBV	89758	94583	2.48%	0.502%
2	5.510	578	582	586	rBV	638242	531196	13.92%	2.818%
3	6.516	749	753	757	rBV	644964	528607	13.85%	2.804%
4	6.669	775	779	782	rBV	631521	536355	14.05%	2.845%
5	6.904	815	819	822	rBV	1074025	845947	22.16%	4.487%
6	7.057	841	845	849	rVB	534955	419502	10.99%	2.225%
7	7.457	910	913	917	rBV	360604	296819	7.78%	1.574%
8	8.186	1033	1037	1040	rBV	1229098	961014	25.18%	5.098%
9	8.769	1133	1136	1140	rVB2	57220	46261	1.21%	0.245%
10	9.257	1215	1219	1224	rBV	651981	524660	13.75%	2.783%
11	9.333	1229	1232	1235	rBV	109338	86615	2.27%	0.459%
12	9.651	1283	1286	1289	rBV3	57124	65376	1.71%	0.347%
13	9.863	1319	1322	1326	rVB	141615	106286	2.78%	0.564%
14	9.939	1331	1335	1339	rVV2	1015670	872495	22.86%	4.628%
15	10.186	1373	1377	1381	rBV4	32280	41020	1.07%	0.218%
16	10.363	1402	1407	1410	rBV	165034	132818	3.48%	0.705%
17	10.586	1440	1445	1450	rVB	44804	69847	1.83%	0.371%
18	10.721	1466	1468	1472	rVB	238249	218119	5.71%	1.157%
19	10.833	1484	1487	1493	rBV	144314	156074	4.09%	0.828%
20	11.286	1561	1564	1566	rBV	121933	95187	2.49%	0.505%
21	11.316	1566	1569	1575	rVB2	49775	60550	1.59%	0.321%
22	11.427	1584	1588	1591	rBV	956499	832728	21.82%	4.417%
23	11.451	1591	1592	1596	rVB	115678	66931	1.75%	0.355%
24	11.710	1633	1636	1639	rBV	100939	81573	2.14%	0.433%
25	11.815	1650	1654	1657	rBV	1362300	1184632	31.04%	6.284%
26	11.939	1669	1675	1684	rBV2	92550	142321	3.73%	0.755%
27	12.115	1702	1705	1710	rBV	79334	79002	2.07%	0.419%
28	12.504	1767	1771	1773	rBV	3567608	3816953	100.00%	20.247%
29	12.521	1773	1774	1780	rVB2	3047686	2348791	61.54%	12.459%
30	12.604	1785	1788	1791	rBV	639790	511082	13.39%	2.711%
31	12.639	1791	1794	1795	rBV	222774	206226	5.40%	1.094%
32	12.727	1807	1809	1814	rVB4	40038	46943	1.23%	0.249%
33	12.839	1826	1828	1831	rBV2	85390	84581	2.22%	0.449%
34	12.868	1831	1833	1840	rVB2	142279	171279	4.49%	0.909%

LSC Area Percent Report

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Operator : SJ/JU
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Misc :
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Instrument : BNA_F
ClientSampleId : SU-02-110817

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-BF110817.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	13.010	1853	1857	1860	rBV	508860	433981	11.37%	2.302%
36	13.086	1867	1870	1873	rBV4	31177	43861	1.15%	0.233%
37	13.168	1881	1884	1886	rBV2	64976	69935	1.83%	0.371%
38	13.192	1886	1888	1893	rVB4	69012	93988	2.46%	0.499%
39	13.233	1893	1895	1897	rBV	73200	67924	1.78%	0.360%
40	13.327	1909	1911	1914	rBV	77479	72622	1.90%	0.385%
41	13.574	1951	1953	1956	rBV	57399	51629	1.35%	0.274%
42	13.904	2007	2009	2012	rVB	65177	56419	1.48%	0.299%
43	13.998	2022	2025	2029	rBV	78311	82772	2.17%	0.439%
44	14.068	2032	2037	2039	rBV	933891	898939	23.55%	4.768%
45	15.551	2285	2289	2304	rVB	473057	717575	18.80%	3.806%

Sum of corrected areas: 18852018

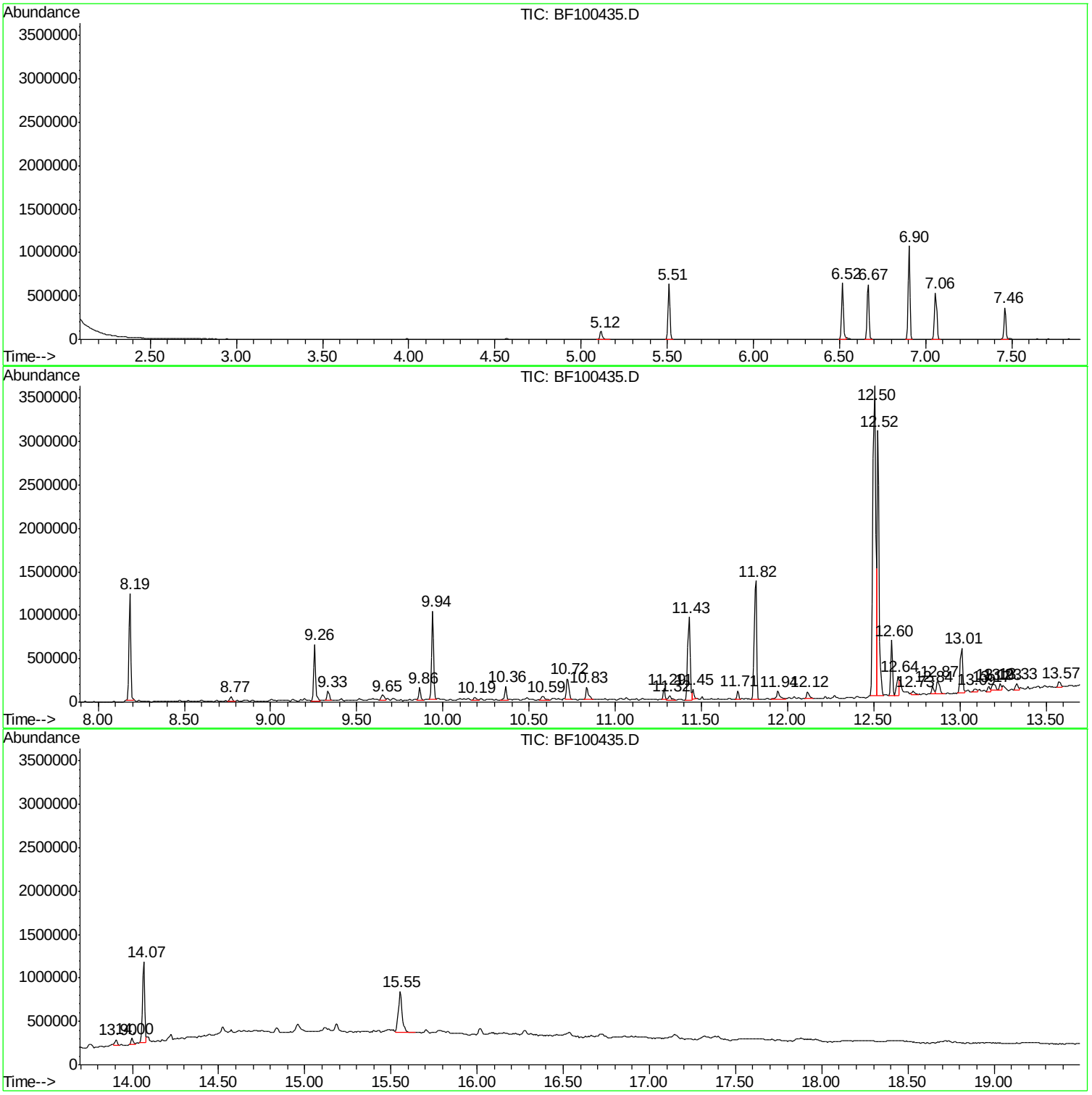
LSC Report - Integrated Chromatogram

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF111117\
Data File : BF100435.D
Acq On : 11 Nov 2017 12:48
Operator : SJ/JU
Sample : I6289-03 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-02-110817

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF111117\
Data File : BF100435.D
Acq On : 11 Nov 2017 12:48
Operator : SJ/JU
Sample : I6289-03 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-02-110817

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.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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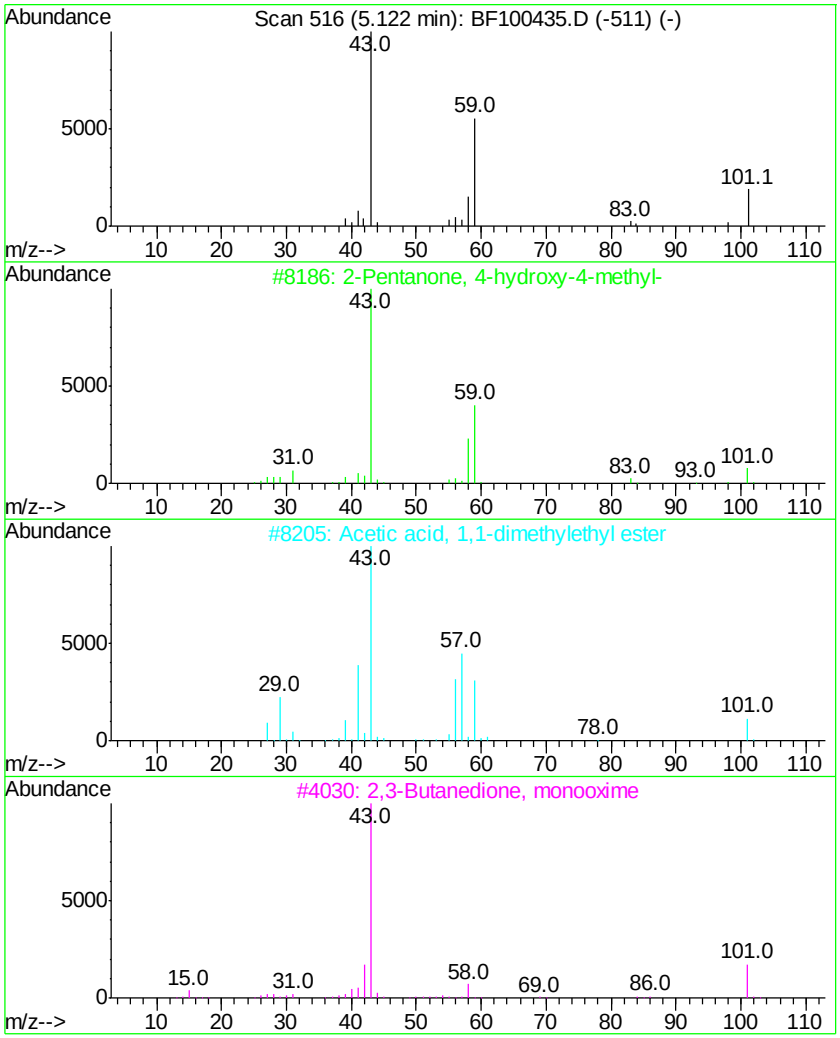
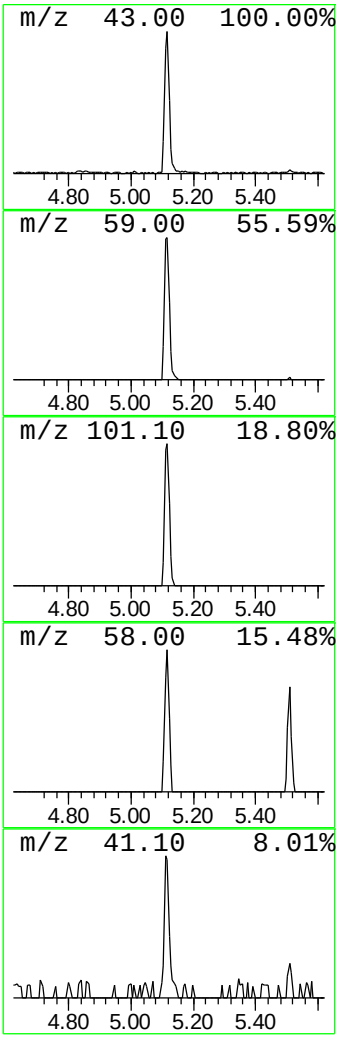
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.12	2.24 ng	94583	1,4-Dichlorobenzene-d4	6.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	28
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
4	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
5	Hexanamide	115	C6H13NO	000628-02-4	9





Library Search Compound Report

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Data File : BF100435.D
Acq On : 11 Nov 2017 12:48
Operator : SJ/JU
Sample : I6289-03 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-02-110817

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

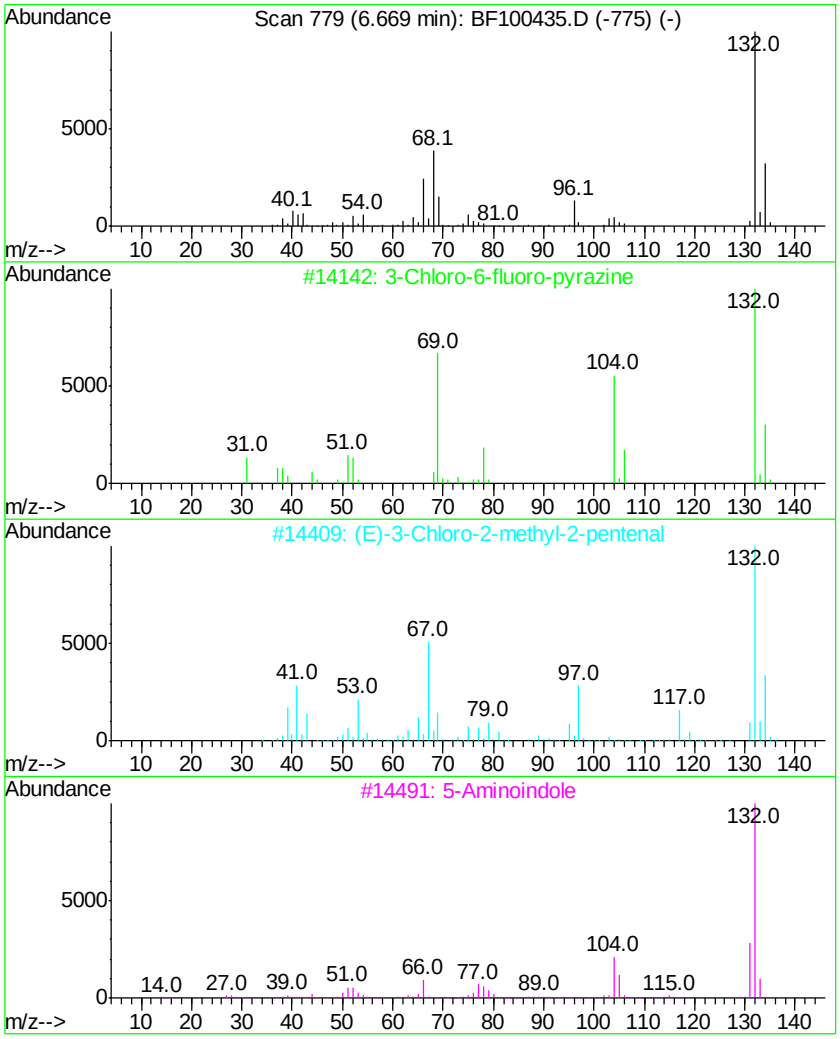
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

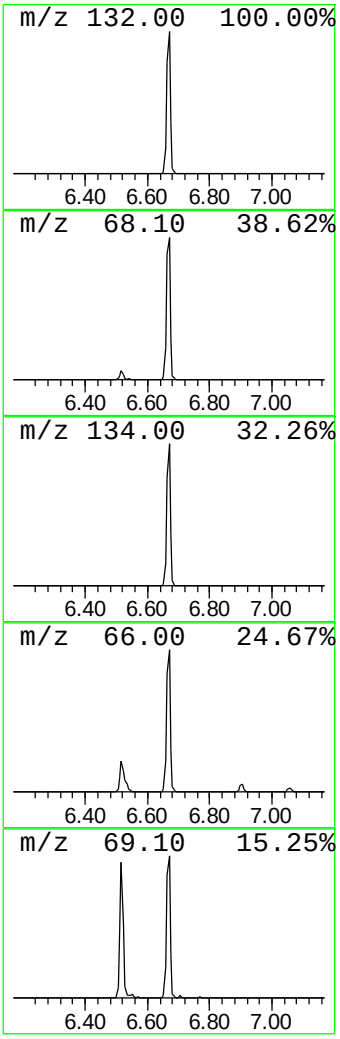
****

Peak Number 2 unknown6.67 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.67	12.68 ng	536355	1,4-Dichlorobenzene-d4	6.90

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	17
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9





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Data File : BF100435.D
Acq On : 11 Nov 2017 12:48
Operator : SJ/JU
Sample : I6289-03 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-02-110817

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

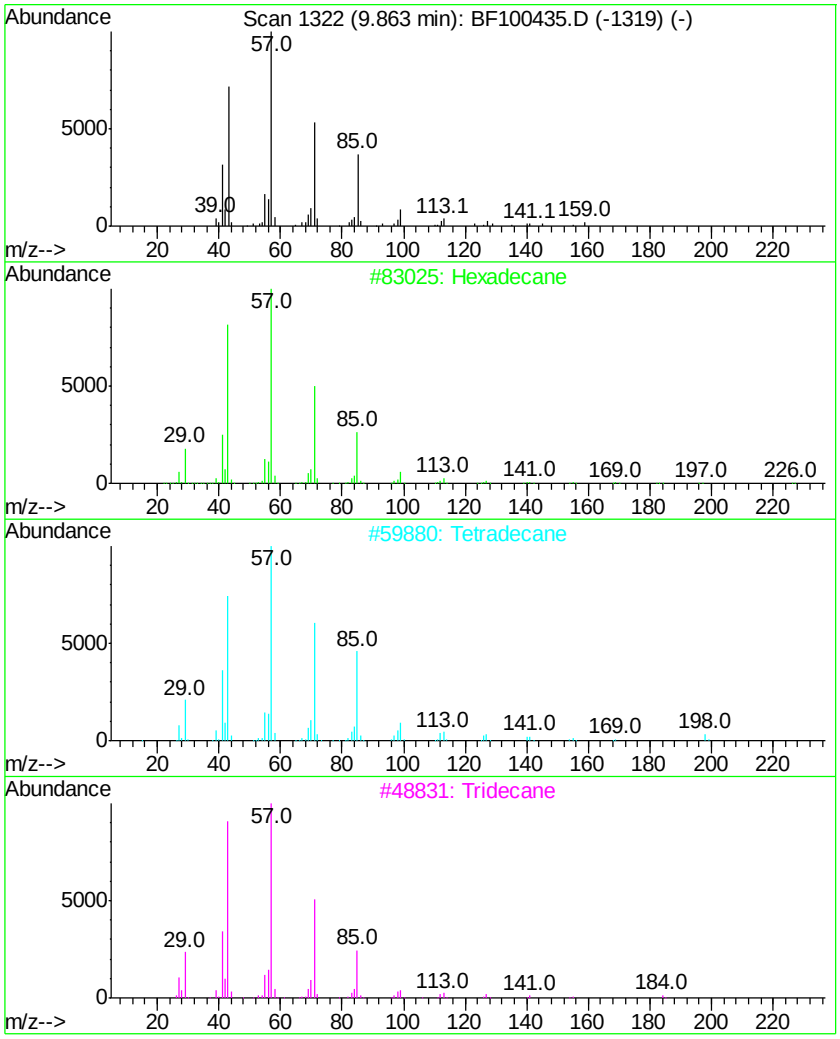
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

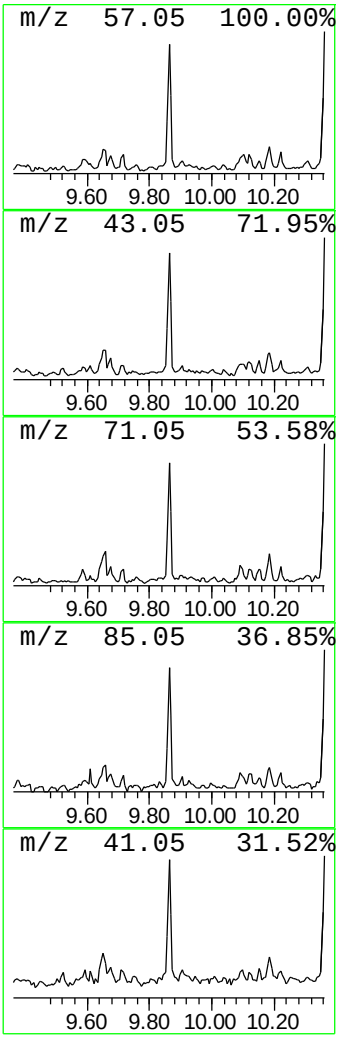
****

Peak Number 4 Hexadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.86	2.44 ng	106286	Acenaphthene-d10	9.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	90
2	Tetradecane	198	C14H30	000629-59-4	90
3	Tridecane	184	C13H28	000629-50-5	72
4	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	64
5	Decane, 2,3,8-trimethyl-	184	C13H28	062238-14-6	59





Library Search Compound Report

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Acq On : 11 Nov 2017 12:48
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Sample : I6289-03 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-02-110817

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

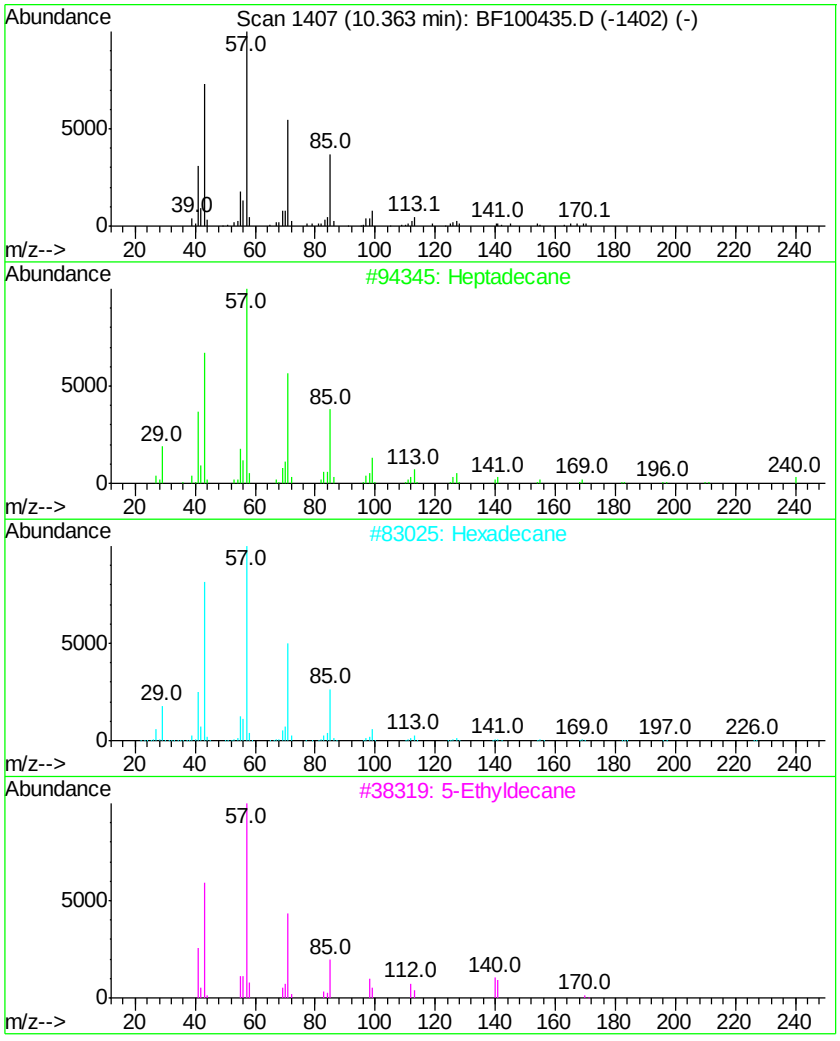
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

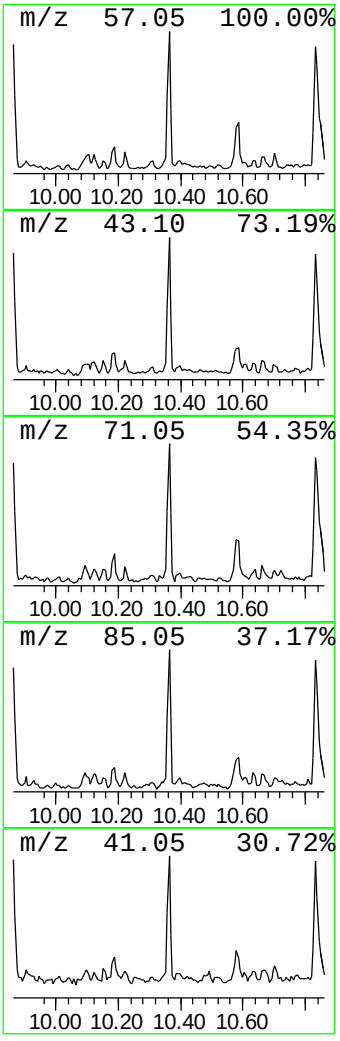
****

Peak Number 5 Heptadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.36	3.04 ng	132818	Acenaphthene-d10	9.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	90
2	Hexadecane	226	C16H34	000544-76-3	90
3	5-Ethyldecane	170	C12H26	017302-36-2	87
4	Tridecane	184	C13H28	000629-50-5	86
5	Pentadecane	212	C15H32	000629-62-9	86





Library Search Compound Report

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Sample : I6289-03 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-02-110817

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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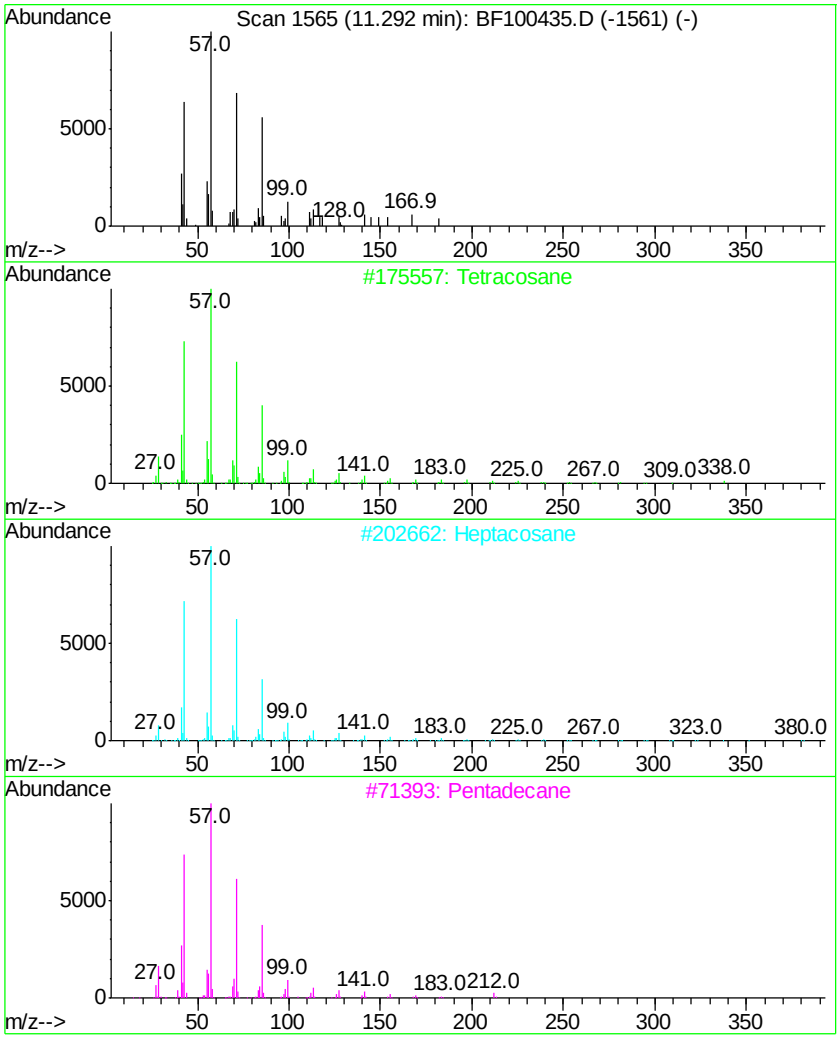
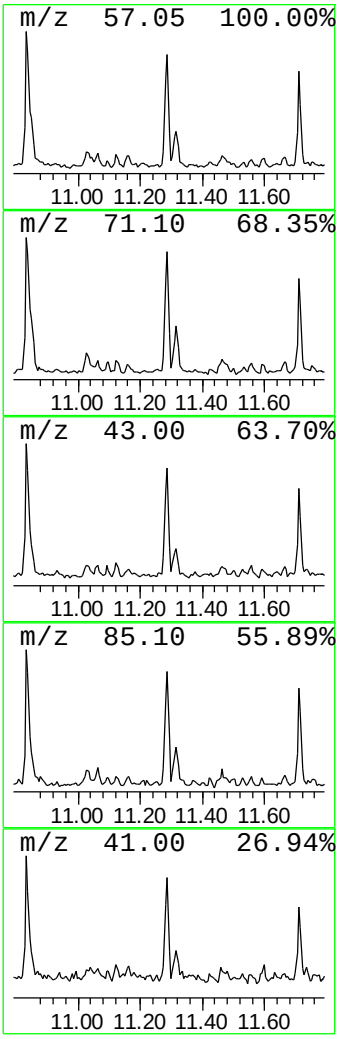
****

Peak Number 7 Tetracosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.29	2.29 ng	95187	Phenanthrene-d10	11.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	91
2	Heptacosane	380	C27H56	000593-49-7	91
3	Pentadecane	212	C15H32	000629-62-9	90
4	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	90
5	Hexadecane	226	C16H34	000544-76-3	90





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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-02-110817

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.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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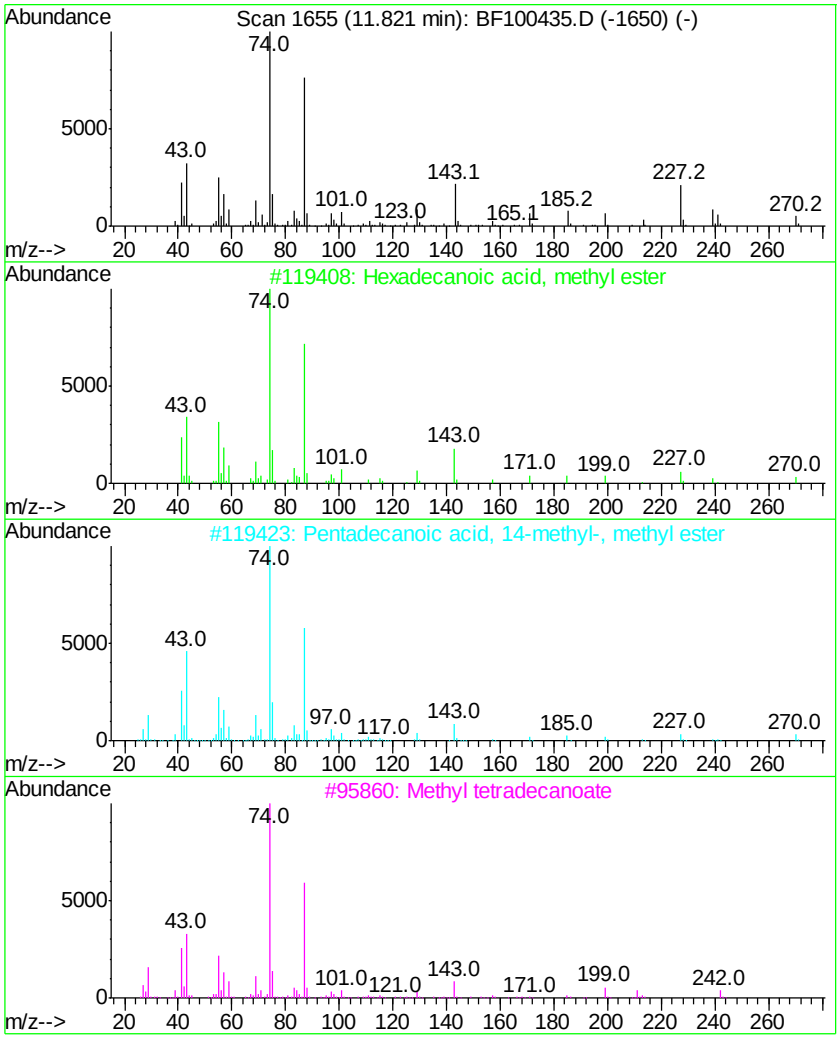
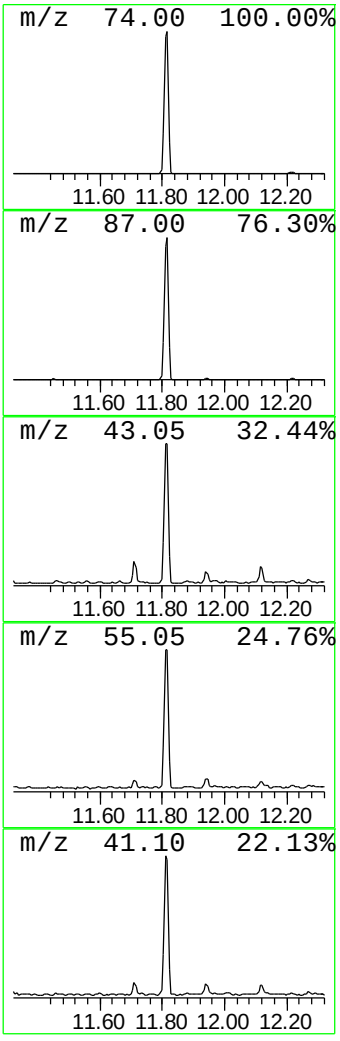
Peak Number 8 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.82	28.45 ng	1184630	Phenanthrene-d10	11.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	95
3	Methyl tetradecanoate	242	C15H30O2	000124-10-7	91
4	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	90
5	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86





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Misc :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.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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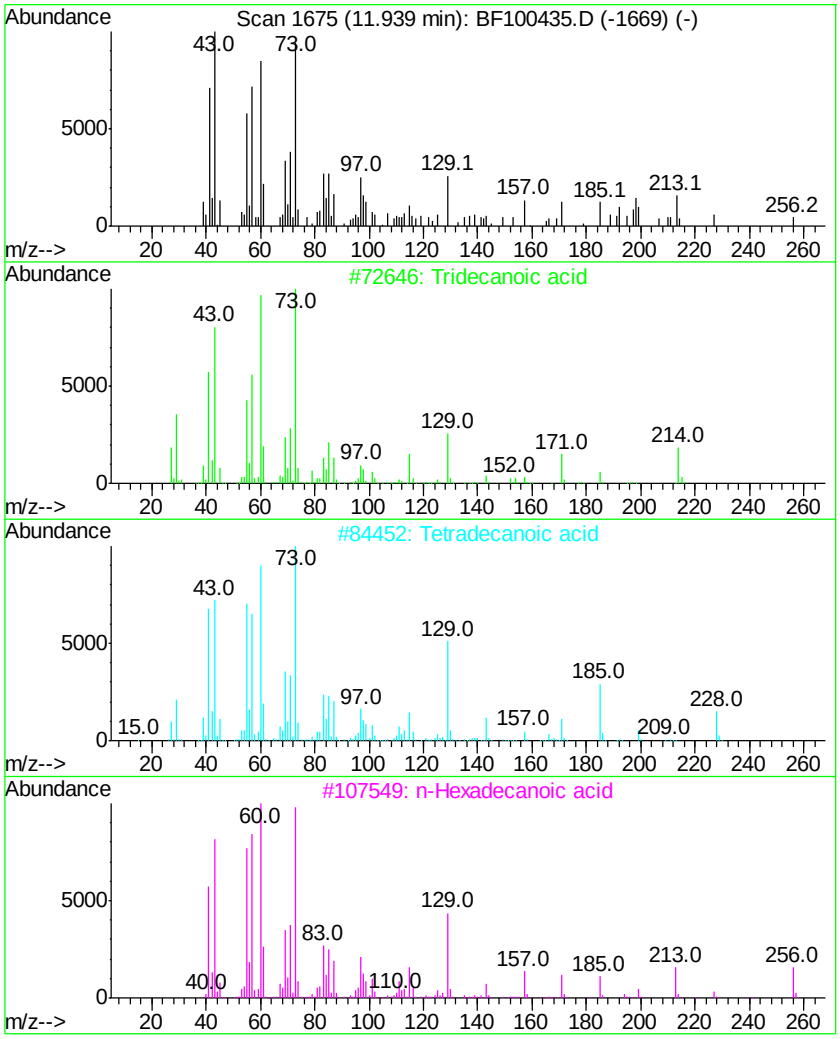
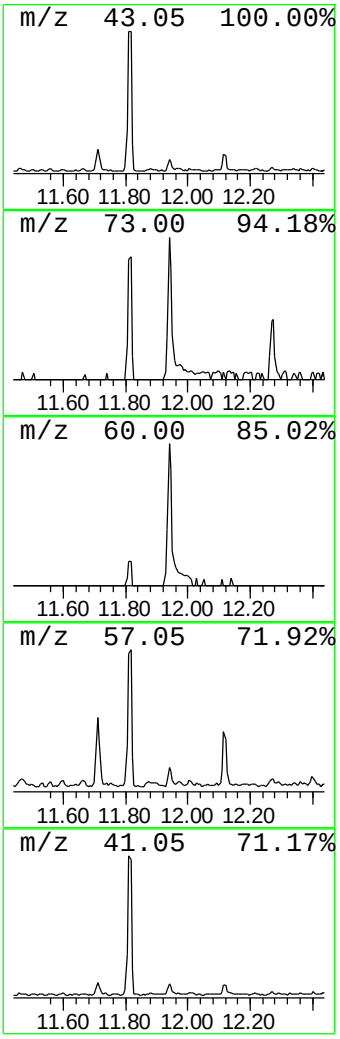
Peak Number 9 Tridecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.94	3.42 ng	142321	Phenanthrene-d10	11.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	81
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	53
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	45
4	N-Cyclooct-4-enylacetamide	167	C10H17NO	170952-69-9	38
5	Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	25





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Data File : BF100435.D
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Operator : SJ/JU
Sample : I6289-03 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-02-110817

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.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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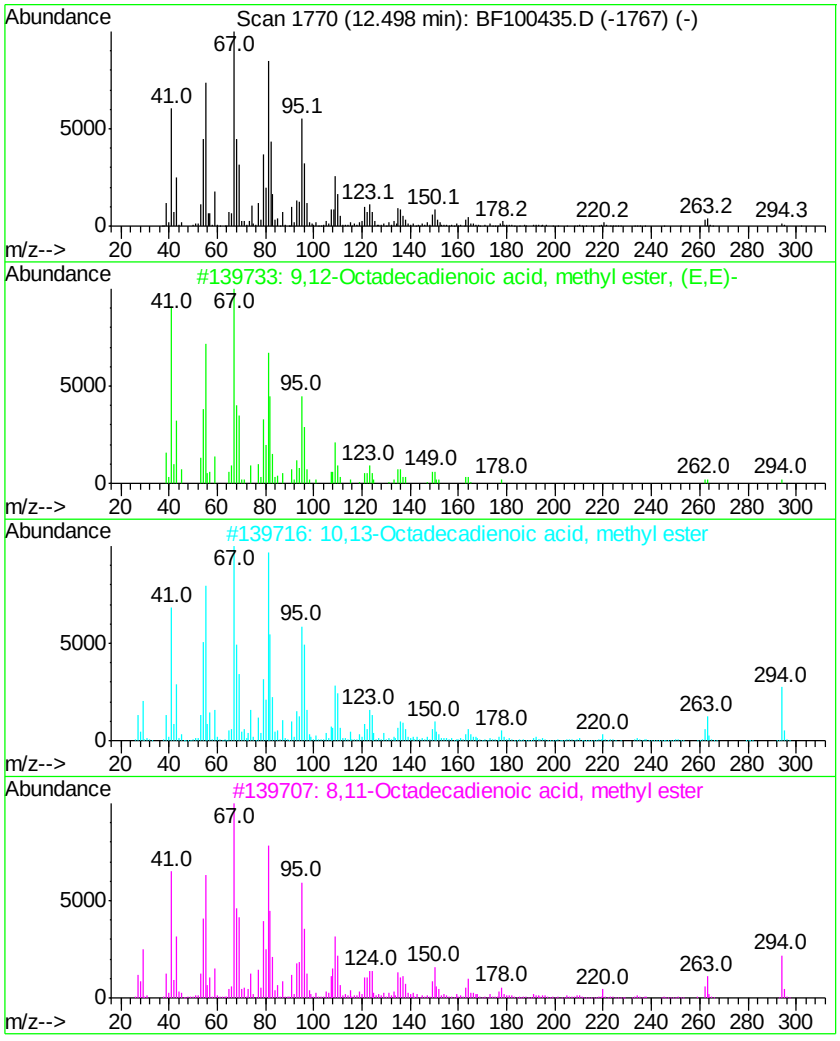
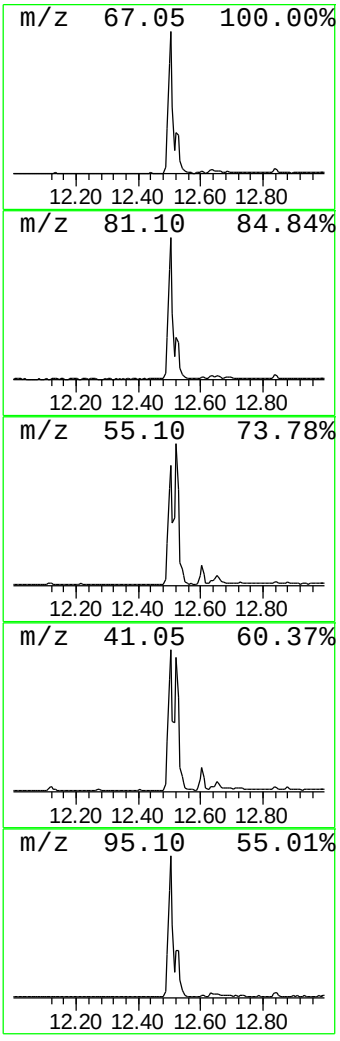
Peak Number 10 9,12-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.50	91.67 ng	3816950	Phenanthrene-d10	11.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
2	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	99
3	8,11-Octadecadienoic acid, methy...	294	C19H34O2	056599-58-7	99
4	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
5	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99





Library Search Compound Report

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Data File : BF100435.D
Acq On : 11 Nov 2017 12:48
Operator : SJ/JU
Sample : I6289-03 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-02-110817

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.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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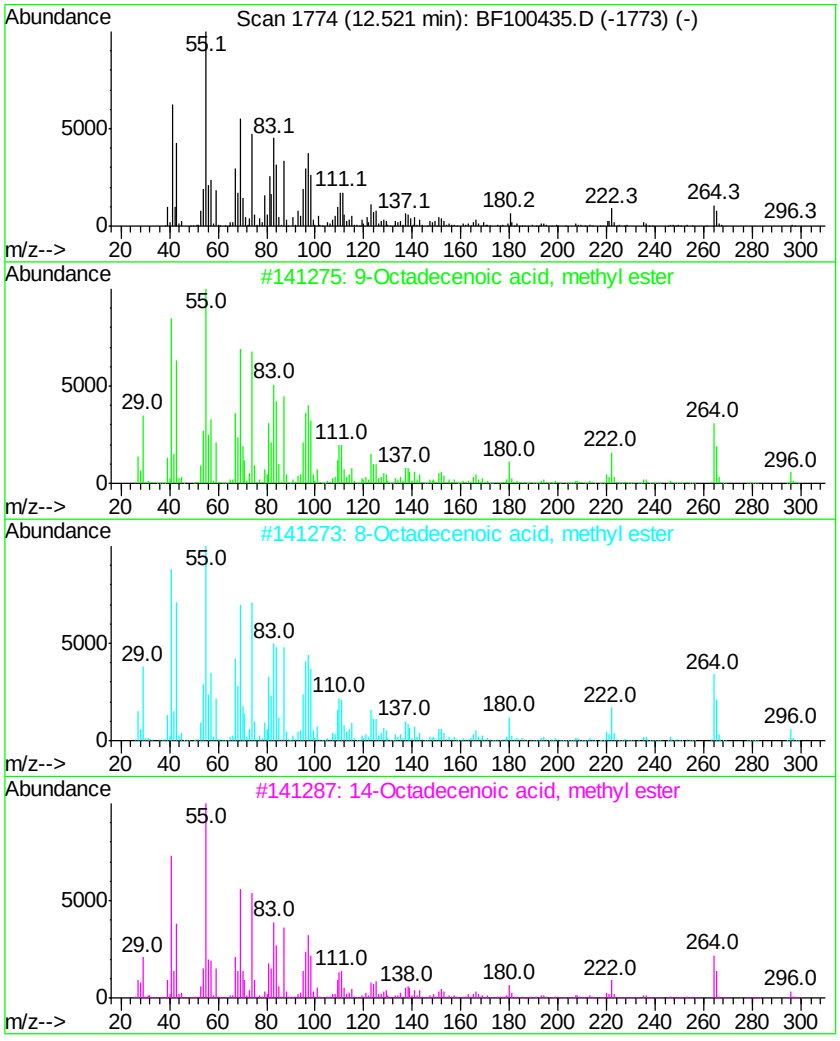
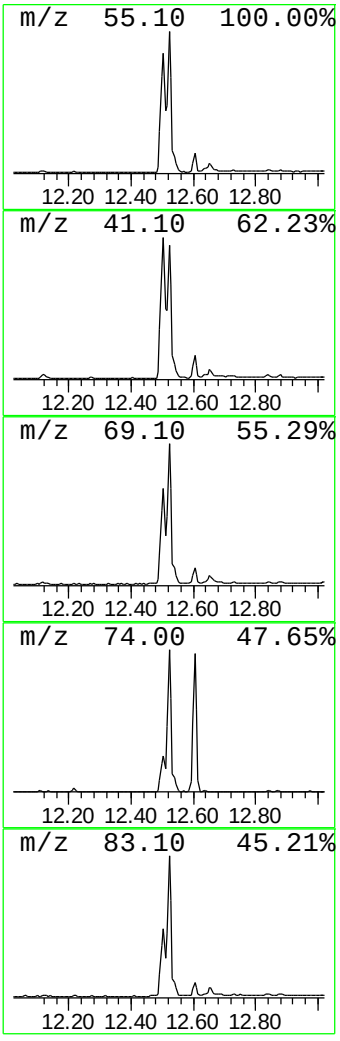
Peak Number 11 9-Octadecenoic acid, methyl... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.52	56.41 ng	2348790	Phenanthrene-d10	11.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid, methyl ester	296	C19H36O2	002462-84-2	99
2	8-Octadecenoic acid, methyl ester	296	C19H36O2	002345-29-1	99
3	14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	99
4	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	99
5	12-Octadecenoic acid, methyl ester	296	C19H36O2	056554-46-2	99





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF111117\
Data File : BF100435.D
Acq On : 11 Nov 2017 12:48
Operator : SJ/JU
Sample : I6289-03 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-02-110817

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.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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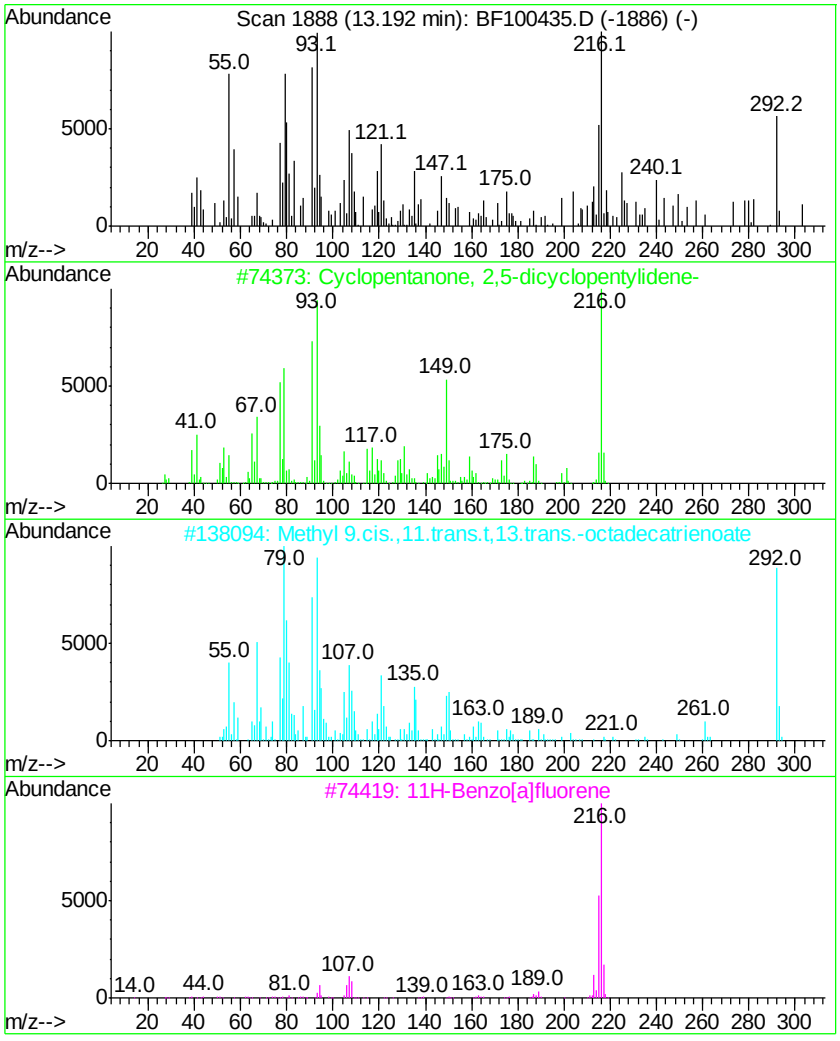
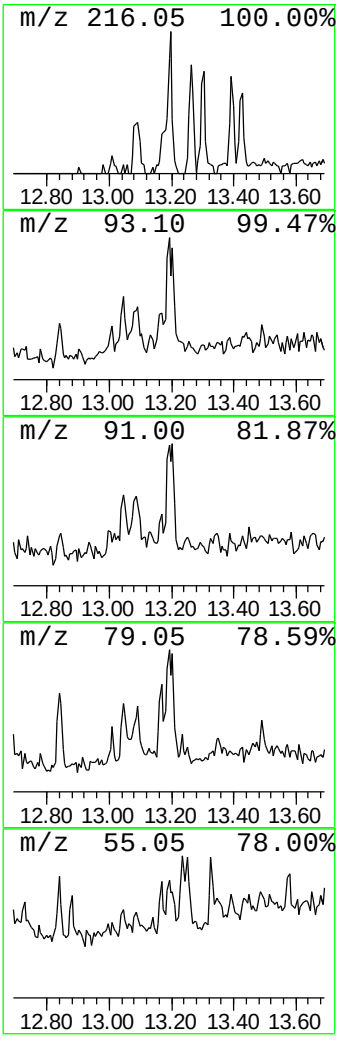
Peak Number 12 unknown13.19 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.19	2.09 ng	93988	Chrysene-d12	14.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentanone, 2,5-dicyclopentyv...	216	C15H20O	005682-82-6	43
2	Methyl 9.cis.,11.trans.t,13.tran...	292	C19H32O2	1000336-42-6	38
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	25
4	[1,2,5]Selenadiazolo[3,4-d]pyrim...	216	C4H4N6Se	1000311-44-5	25
5	Isoxazolo[4,5-c]quinolin-4(5H)-o...	216	C11H8N2O3	021201-45-6	22





Tentatively Identified Compound (LSC) summary

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF111117\
Data File : BF100435.D
Acq On : 11 Nov 2017 12:48
Operator : SJ/JU
Sample : I6289-03 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-02-110817

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.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...	5.12	2.2	ng	94583	1	6.90	845947	20.0
unknown6.67	6.67	12.7	ng	536355	1	6.90	845947	20.0
Hexadecane	9.86	2.4	ng	106286	3	9.94	872495	20.0
Heptadecane	10.36	3.0	ng	132818	3	9.94	872495	20.0
Tetracosane	11.29	2.3	ng	95187	4	11.43	832728	20.0
Hexadecanoic acid...	11.82	28.4	ng	1184630	4	11.43	832728	20.0
Tridecanoic acid	11.94	3.4	ng	142321	4	11.43	832728	20.0
9,12-Octadecadien...	12.50	91.7	ng	3816950	4	11.43	832728	20.0
9-Octadecenoic ac...	12.52	56.4	ng	2348790	4	11.43	832728	20.0
unknown13.19	13.19	2.1	ng	93988	5	14.07	898939	20.0