LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031519\
Data File : BF113074.D
Acq On : 15 Mar 2019 19:10
Operator : JU/SJ
Sample : K1698-01 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-04-031419

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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.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	5.334	548	552	565	rBV	420048	440908	1.20%	0.481%
2	6.363	724	727	734	rBV	517000	501714	1.37%	0.548%
3	6.492	746	749	757	rBV	625061	559923	1.53%	0.611%
4	6.728	785	789	792	rBV	807819	721988	1.97%	0.788%
5	6.881	812	815	818	rBV	487491	406541	1.11%	0.444%
6	7.281	877	883	890	rBV	298631	371373	1.01%	0.405%
7	8.010	1003	1007	1009	rBV	1116315	1107588	3.02%	1.209%
8	9.080	1186	1189	1195	rBV	869770	694761	1.90%	0.758%
9	9.351	1229	1235	1242	rBV	278204	369156	1.01%	0.403%
10	9.757	1298	1304	1307	rBV	1451343	1288175	3.52%	1.406%
11	9.810	1311	1313	1320	rVB	453273	370282	1.01%	0.404%
12	10.539	1432	1437	1442	rBV2	491797	501885	1.37%	0.548%
13	10.769	1473	1476	1480	rBV	1061391	933091	2.55%	1.018%
14	11.233	1553	1555	1557	rVV	1327331	1186908	3.24%	1.296%
15	11.257	1557	1559	1563	rVV	909247	770818	2.10%	0.841%
16	11.563	1608	1611	1615	rVB	1633034	1385825	3.78%	1.513%
17	11.663	1620	1628	1630	rBV	9814755	16227011	44.29%	17.712%
18	11.792	1643	1650	1656	rBV2	732925	1173544	3.20%	1.281%
19	11.957	1675	1678	1685	rVB3	563872	603780	1.65%	0.659%
20	12.045	1688	1693	1700	rVB2	662641	709484	1.94%	0.774%
21	12.374	1736	1749	1750	rBV5	10313425	36635251	100.00%	39.988%
22	12.451	1758	1762	1764	rVB	8532982	9474593	25.86%	10.342%
23	12.480	1764	1767	1768	rVV	1323430	1184007	3.23%	1.292%
24	12.498	1768	1770	1776	rVV	1721926	1900913	5.19%	2.075%
25	12.663	1795	1798	1804	rBV2	706613	1066569	2.91%	1.164%
26	12.710	1804	1806	1811	rVB3	358918	512032	1.40%	0.559%
27	12.821	1822	1825	1828	rBV	722902	603581	1.65%	0.659%
28	13.010	1850	1857	1862	rBV3	515115	1056882	2.88%	1.154%
29	13.074	1862	1868	1873	rVB	1138255	1465034	4.00%	1.599%
30	13.151	1878	1881	1883	rVV	1336166	1182180	3.23%	1.290%
31	13.174	1883	1885	1890	rVV4	479120	727401	1.99%	0.794%
32	13.215	1890	1892	1896	rVV3	423962	610808	1.67%	0.667%
33	13.257	1896	1899	1903	rVV3	325810	434006	1.18%	0.474%
34	13.574	1948	1953	1956	rVB2	597050	829744	2.26%	0.906%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031519\
Data File : BF113074.D
Acq On : 15 Mar 2019 19:10
Operator : JU/SJ
Sample : K1698-01 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-04-031419

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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	13.815	1990	1994	1997	rVV	1080313	921074	2.51%	1.005%
36	13.862	1997	2002	2005	rVV2	1278057	1342834	3.67%	1.466%
37	14.433	2095	2099	2104	rBV	352148	381462	1.04%	0.416%
38	15.268	2237	2241	2245	rVV	730862	963353	2.63%	1.052%

Sum of corrected areas: 91616479

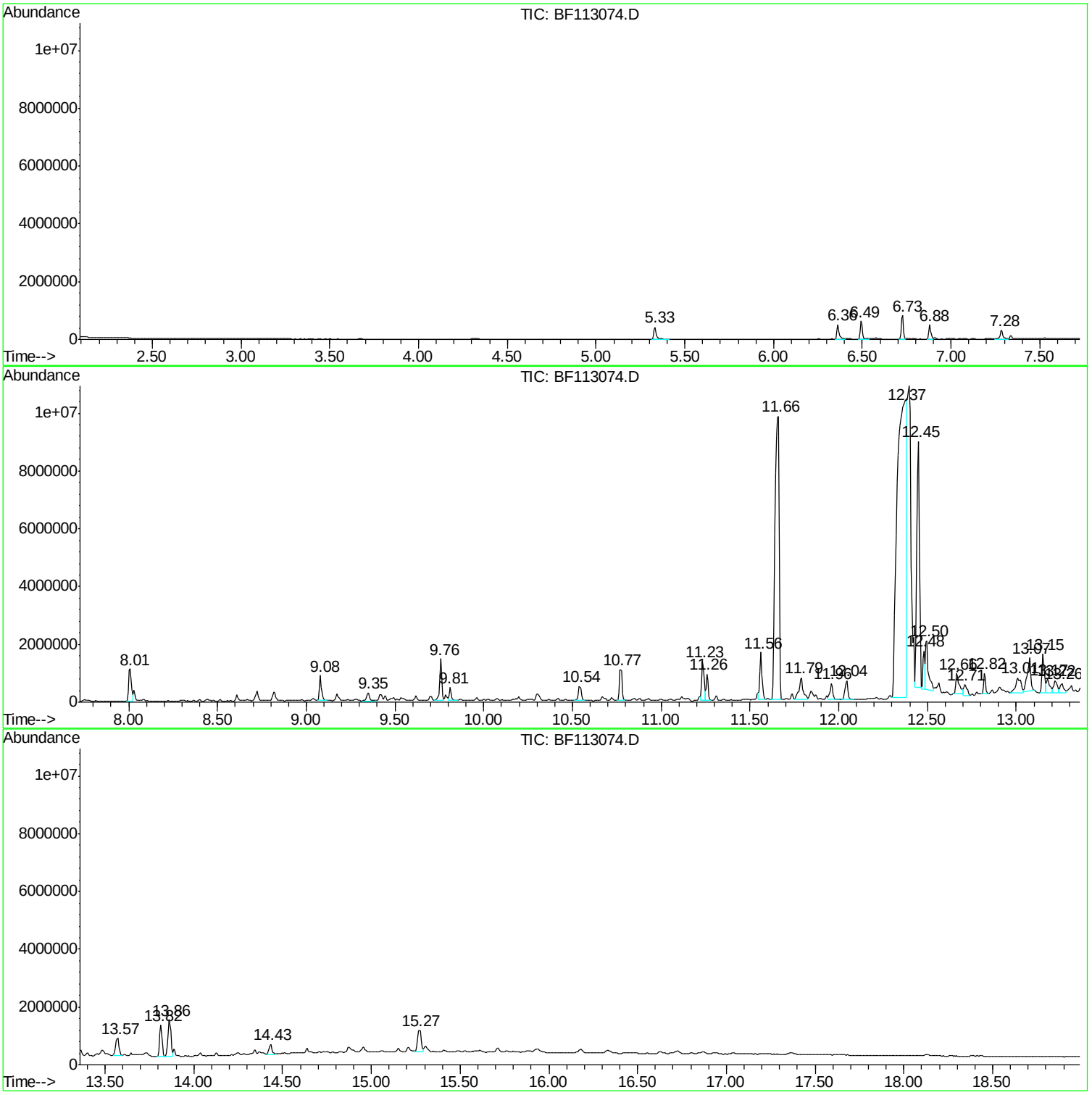
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031519\
Data File : BF113074.D
Acq On : 15 Mar 2019 19:10
Operator : JU/SJ
Sample : K1698-01 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-04-031419

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.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 : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031519\
Data File : BF113074.D
Acq On : 15 Mar 2019 19:10
Operator : JU/SJ
Sample : K1698-01 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-04-031419

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.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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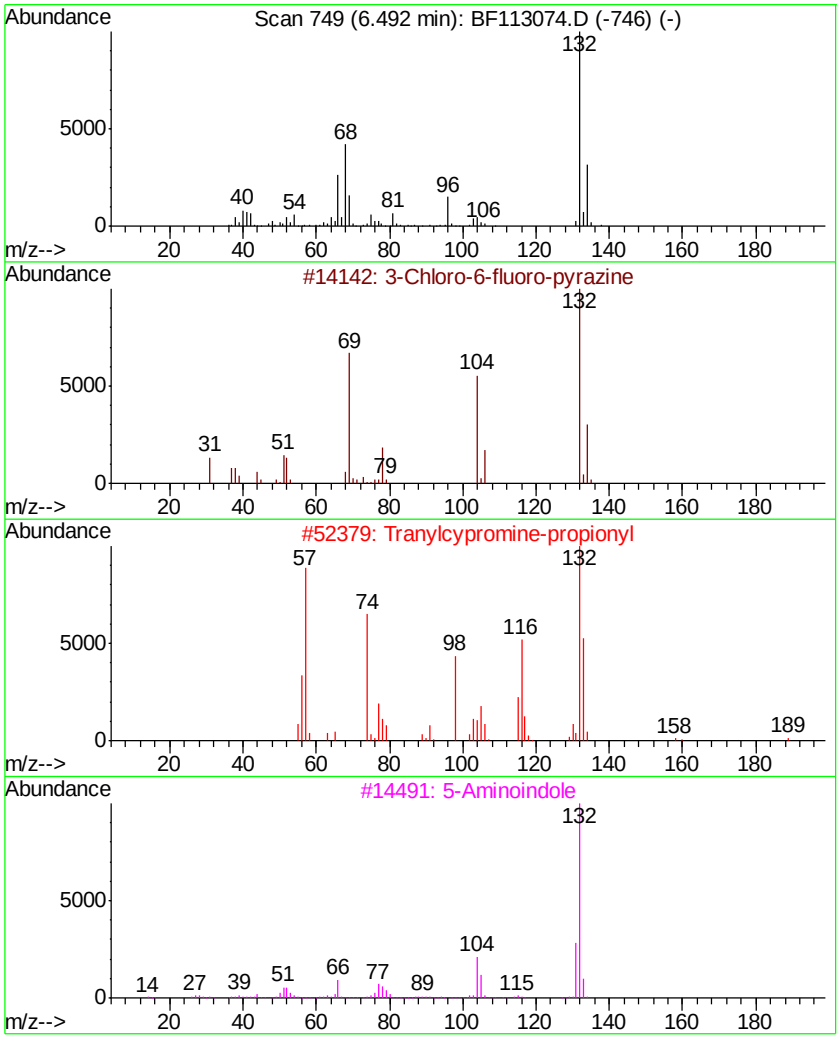
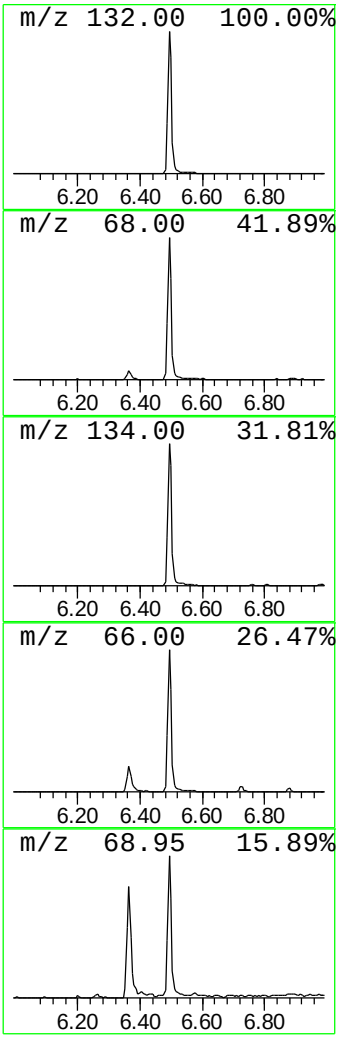
Peak Number 1 unknown6.49 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.49	15.51 ng	559923	1,4-Dichlorobenzene-d4	6.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3	5-Aminoindole	132	C8H8N2	005192-03-0	10
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031519\
Data File : BF113074.D
Acq On : 15 Mar 2019 19:10
Operator : JU/SJ
Sample : K1698-01 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-04-031419

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.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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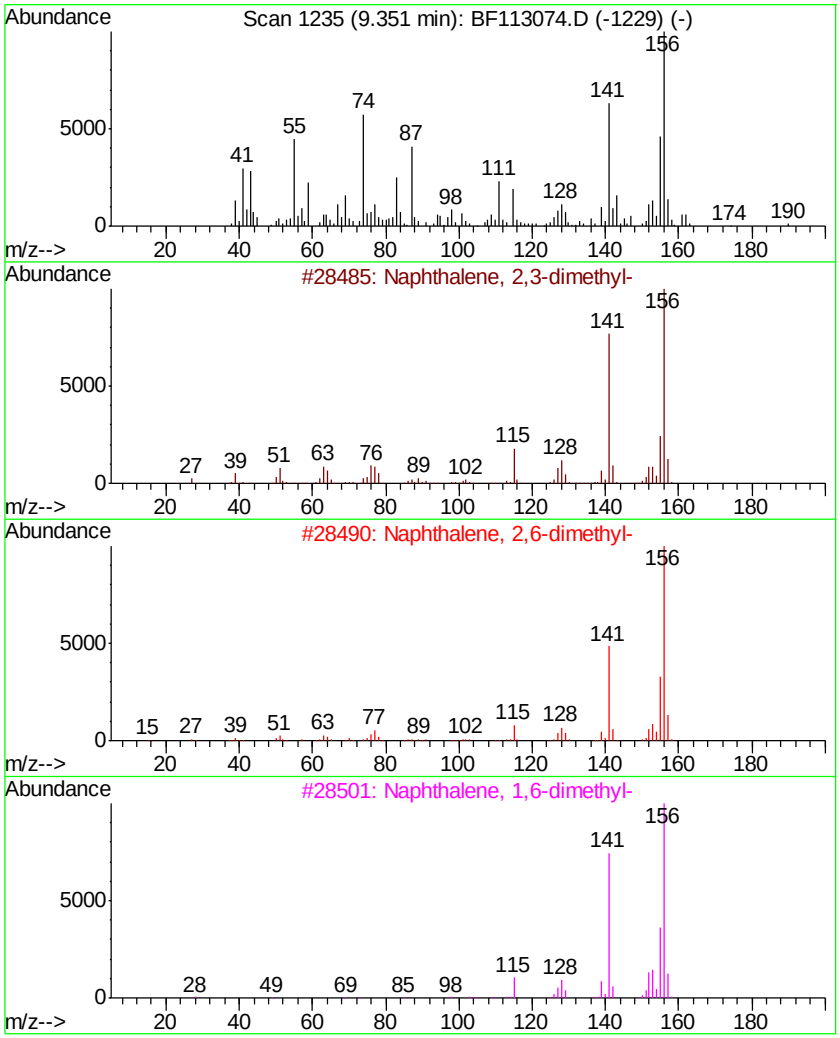
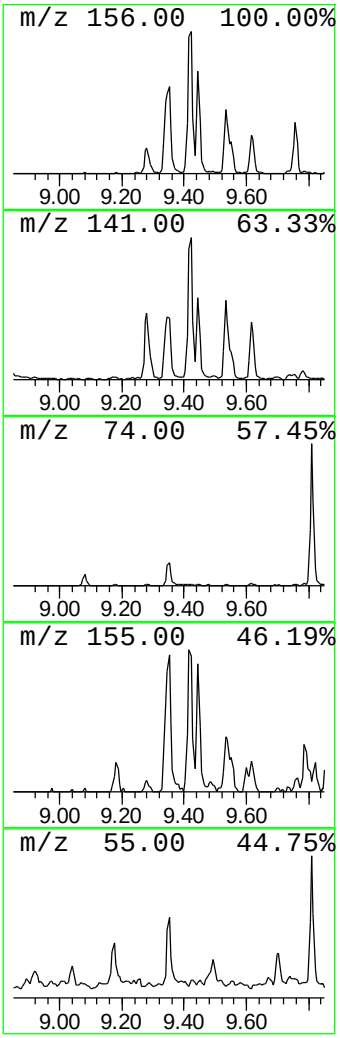
Peak Number 3 Naphthalene, 2,3-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.35	5.73 ng	369156	Acenaphthene-d10	9.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	94
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	94
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031519\
Data File : BF113074.D
Acq On : 15 Mar 2019 19:10
Operator : JU/SJ
Sample : K1698-01 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-04-031419

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.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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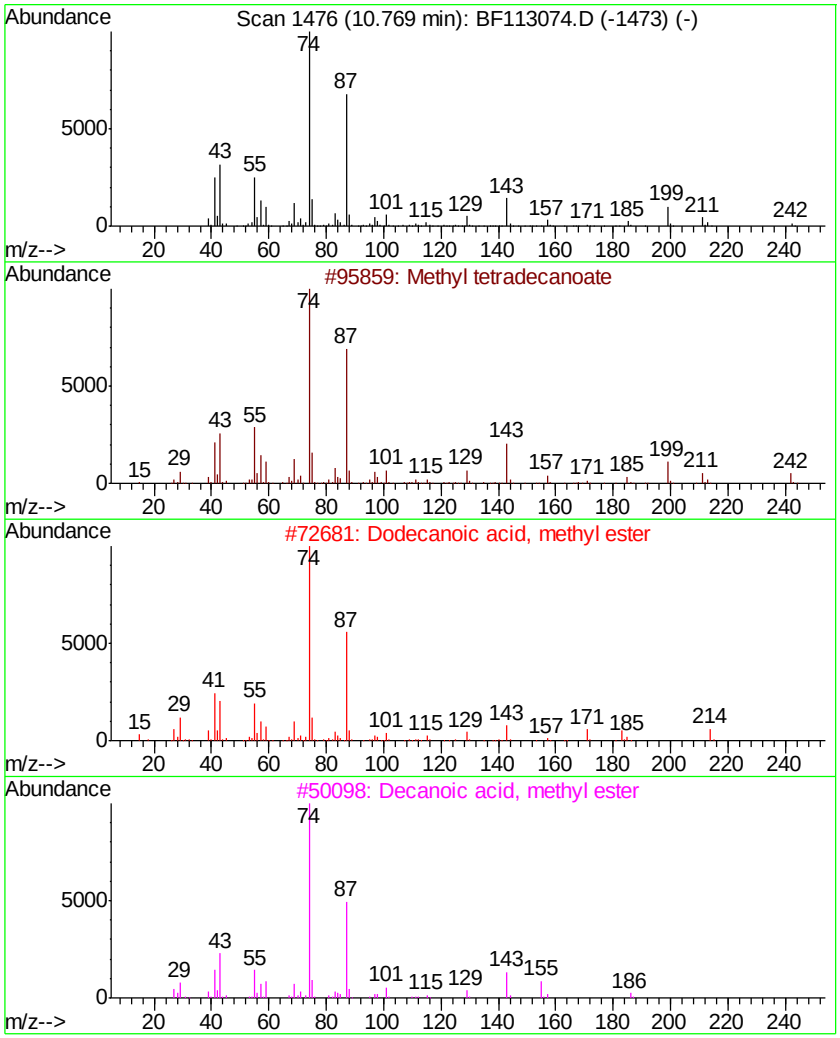
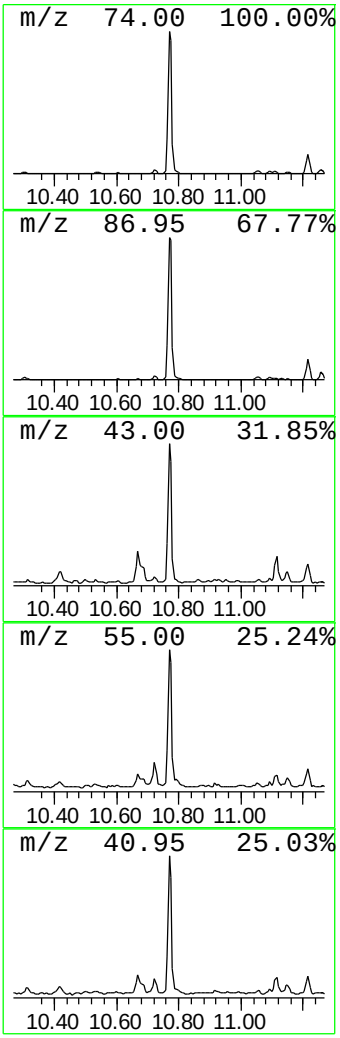
Peak Number 4 Methyl tetradecanoate Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.77	15.72 ng	933091	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl tetradecanoate	242	C15H30O2	000124-10-7	91
2	Dodecanoic acid, methyl ester	214	C13H26O2	000111-82-0	86
3	Decanoic acid, methyl ester	186	C11H22O2	000110-42-9	86
4	Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	86
5	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	86





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031519\
Data File : BF113074.D
Acq On : 15 Mar 2019 19:10
Operator : JU/SJ
Sample : K1698-01 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-04-031419

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

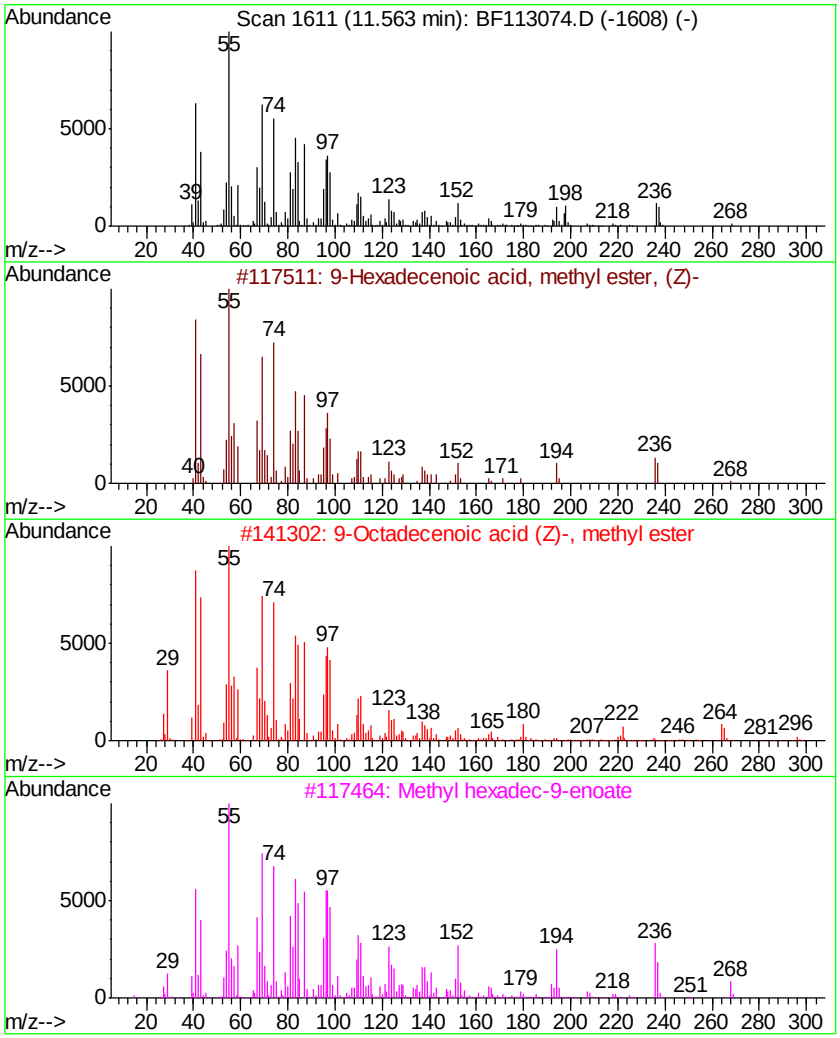
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

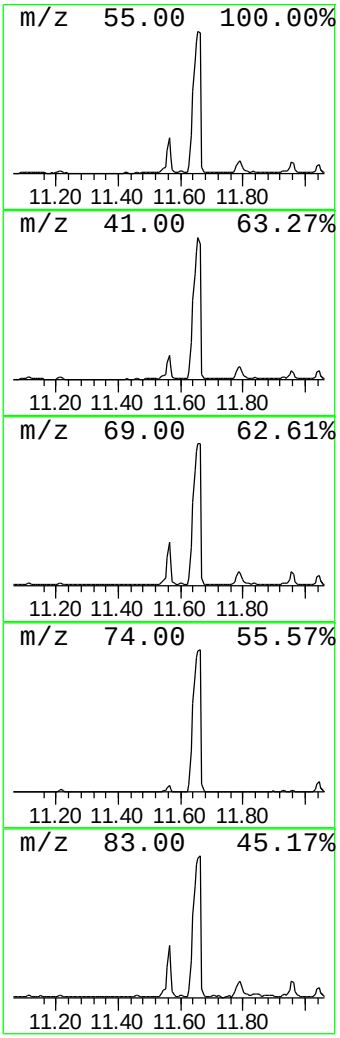
****

Peak Number 5 9-Hexadecenoic acid, methyl... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.56	23.35 ng	1385830	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Hexadecenoic acid, methyl este...	268	C17H32O2	001120-25-8	99
2	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	93
3	Methyl hexadec-9-enoate	268	C17H32O2	010030-74-7	91
4	14-Methylpentadec-9-enoic acid m...	268	C17H32O2	1000365-89-7	83
5	Cyclopropaneoctanoic acid, 2-hex...	282	C18H34O2	010152-61-1	76





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031519\
Data File : BF113074.D
Acq On : 15 Mar 2019 19:10
Operator : JU/SJ
Sample : K1698-01 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-04-031419

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

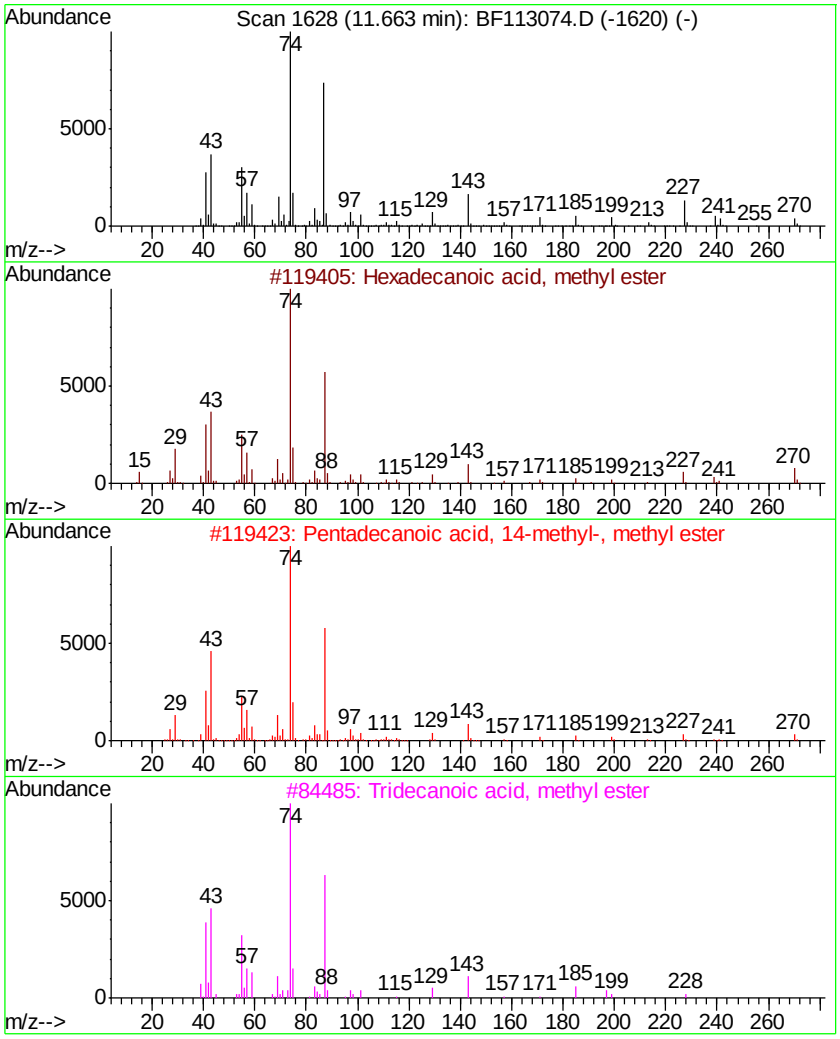
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

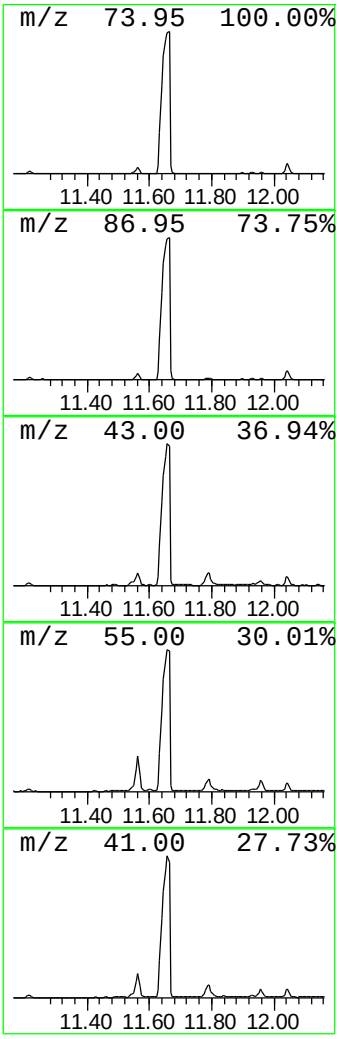
****

Peak Number 6 Hexadecanoic acid, methyl e... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.66	273.43 ng	16227000	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	97
2	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	96
3	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	91
4	Methyl tetradecanoate	242	C15H30O2	000124-10-7	91
5	Tridecanoic acid, 12-methyl-, me...	242	C15H30O2	005129-58-8	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031519\
Data File : BF113074.D
Acq On : 15 Mar 2019 19:10
Operator : JU/SJ
Sample : K1698-01 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-04-031419

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

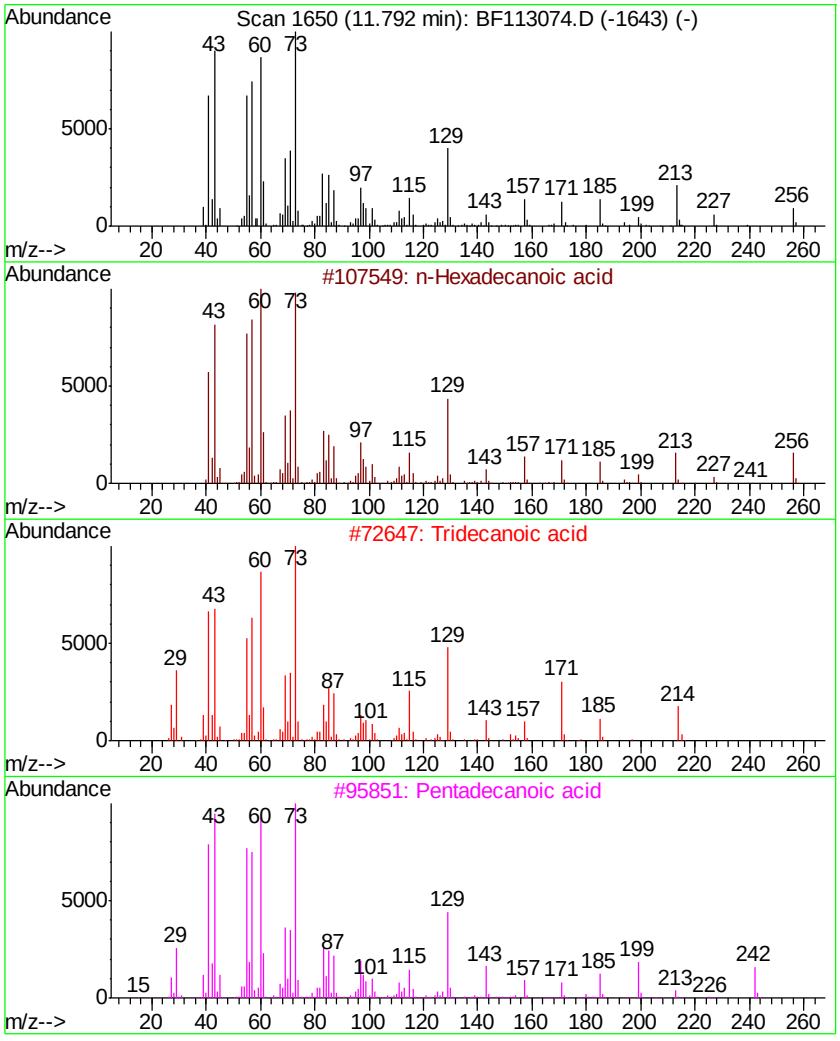
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

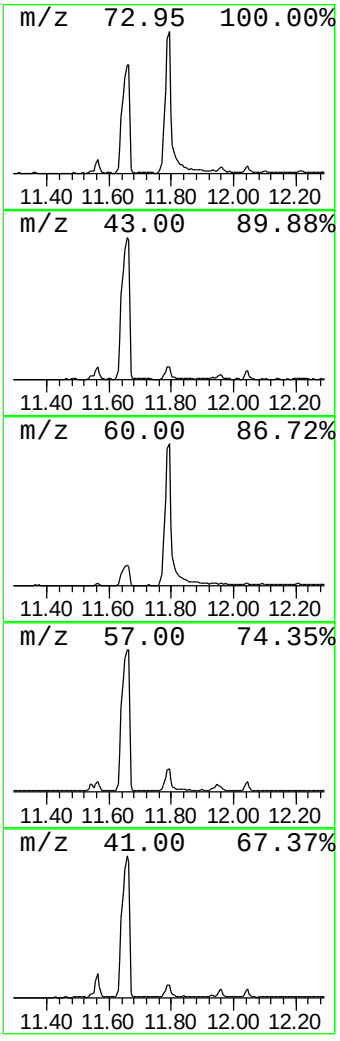
****

Peak Number 7 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.79	19.77 ng	1173540	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	92
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5	n-Decanoic acid	172	C10H20O2	000334-48-5	70





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031519\
Data File : BF113074.D
Acq On : 15 Mar 2019 19:10
Operator : JU/SJ
Sample : K1698-01 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-04-031419

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

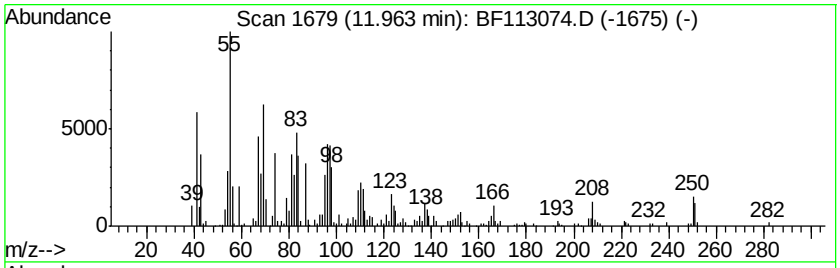
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

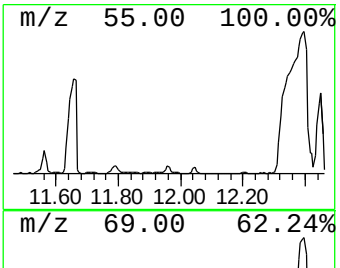
****

Peak Number 8 E-9-Tetradecen-1-ol formate Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.96	10.17 ng	603780	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	E-9-Tetradecen-1-ol formate	240	C15H28O2	1000130-78-2	83
2	Cyclopentadecanone, 2-hydroxy-	240	C15H28O2	004727-18-8	83
3	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	83
4	Methyl myristoleate	240	C15H28O2	056219-06-8	60
5	9-Octadecen-1-ol, (Z)-	268	C18H36O	000143-28-2	53





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031519\
Data File : BF113074.D
Acq On : 15 Mar 2019 19:10
Operator : JU/SJ
Sample : K1698-01 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-04-031419

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

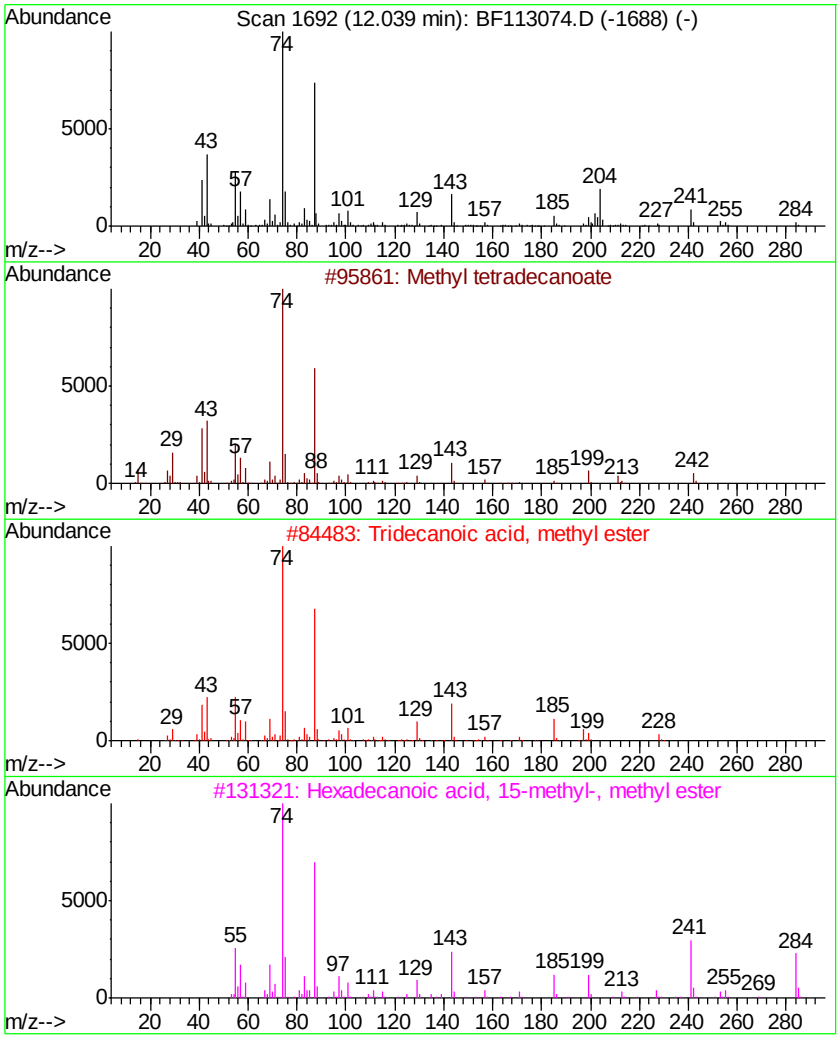
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

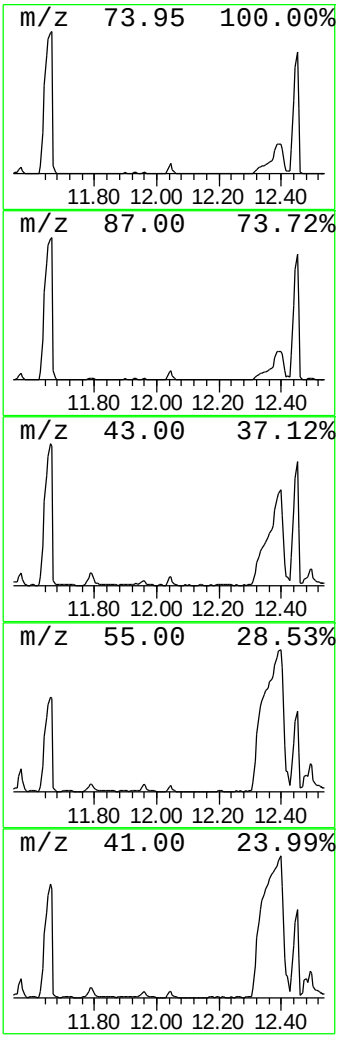
****

Peak Number 9 unknown12.04 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.04	11.96 ng	709484	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl tetradecanoate	242	C15H30O2	000124-10-7	95
2	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	95
3	Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	95
4	Hexadecanoic acid, 14-methyl-, m...	284	C18H36O2	002490-49-5	91
5	Heptadecanoic acid, methyl ester	284	C18H36O2	001731-92-6	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031519\
Data File : BF113074.D
Acq On : 15 Mar 2019 19:10
Operator : JU/SJ
Sample : K1698-01 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-04-031419

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.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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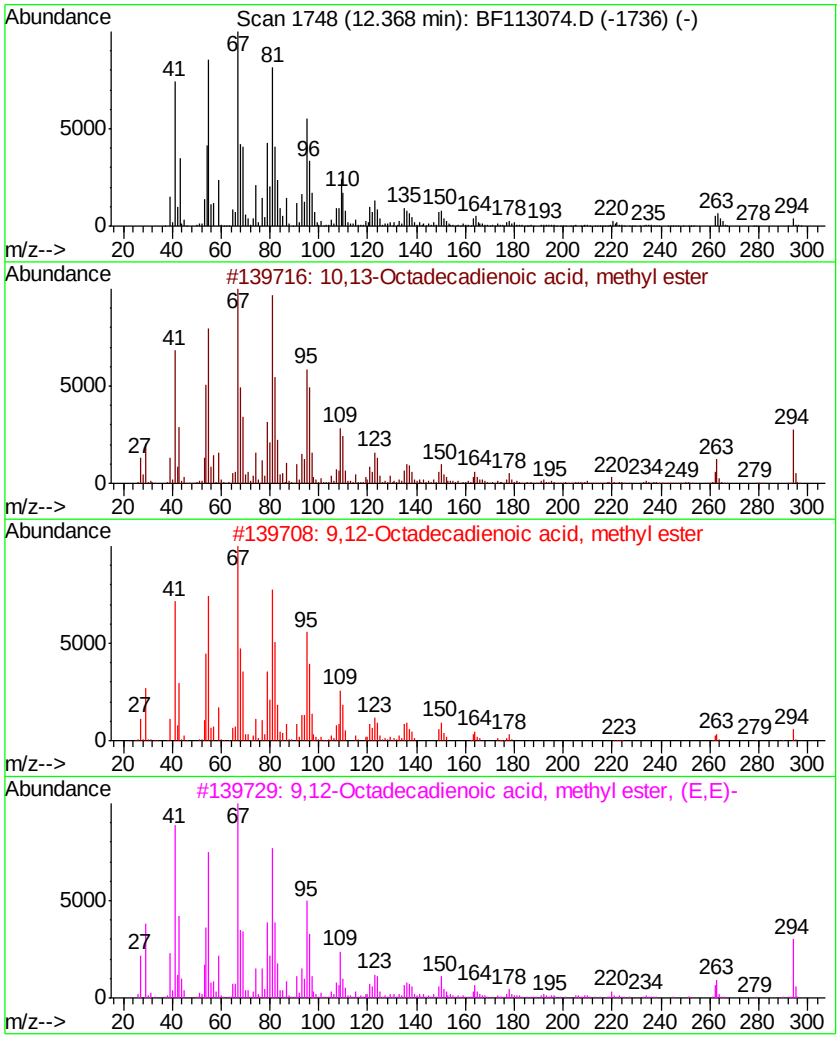
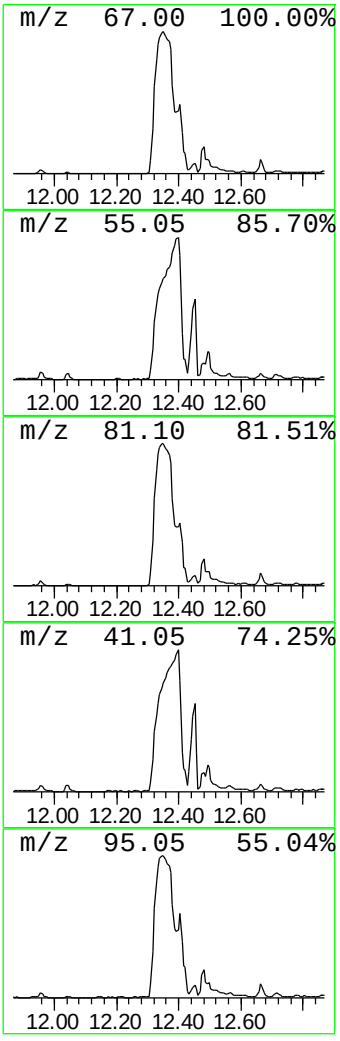
Peak Number 10 10,13-Octadecadienoic acid,... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.37	617.32 ng	36635300	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	99
2	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
3	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
4	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99
5	Methyl 9-cis,11-trans-octadecadi...	294	C19H34O2	1000336-44-0	99





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Data File : BF113074.D
Acq On : 15 Mar 2019 19:10
Operator : JU/SJ
Sample : K1698-01 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-04-031419

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

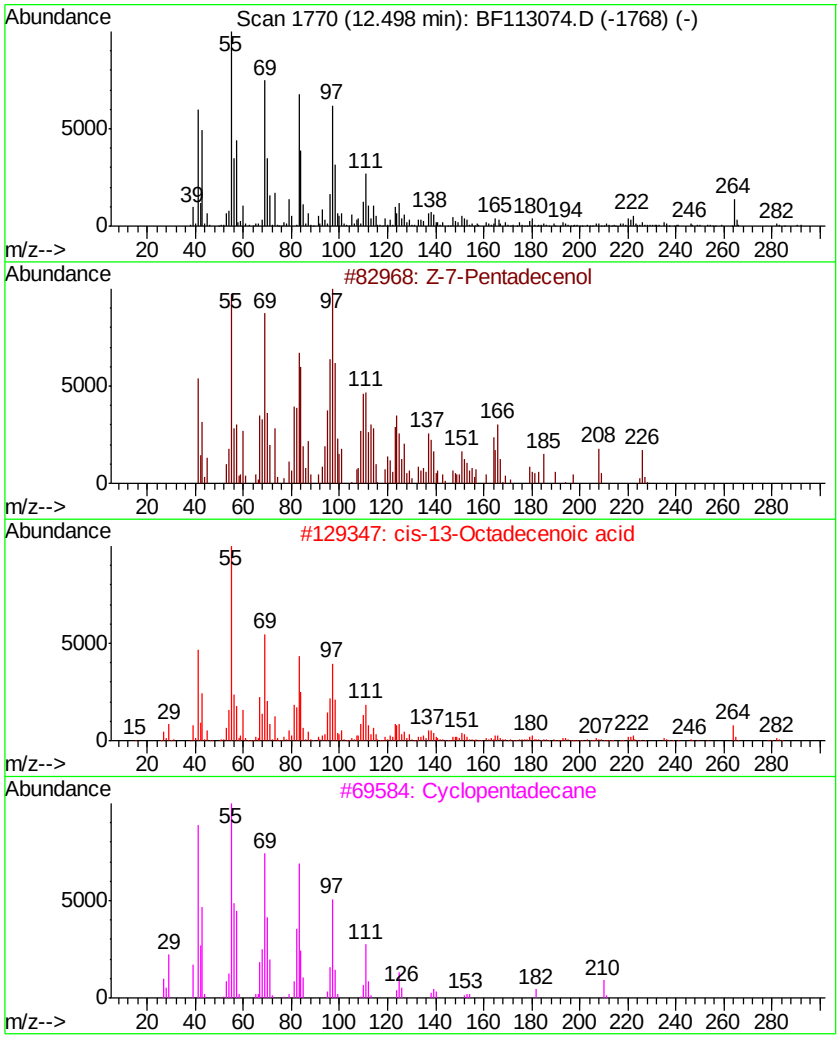
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

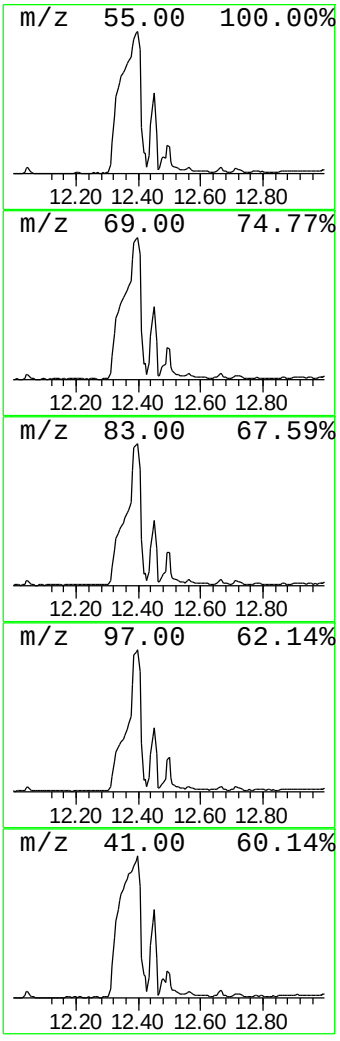
****

Peak Number 11 Z-7-Pentadecenol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.50	32.03 ng	1900910	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Z-7-Pentadecenol	226	C15H30O	1000130-76-6	89
2	cis-13-Octadecenoic acid	282	C18H34O2	013126-39-1	62
3	Cyclopentadecane	210	C15H30	000295-48-7	52
4	9-Octadecenoic acid, (E)-	282	C18H34O2	000112-79-8	46
5	Chloroacetic acid, dodecyl ester	262	C14H27ClO2	006316-04-7	43





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Acq On : 15 Mar 2019 19:10
Operator : JU/SJ
Sample : K1698-01 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-04-031419

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.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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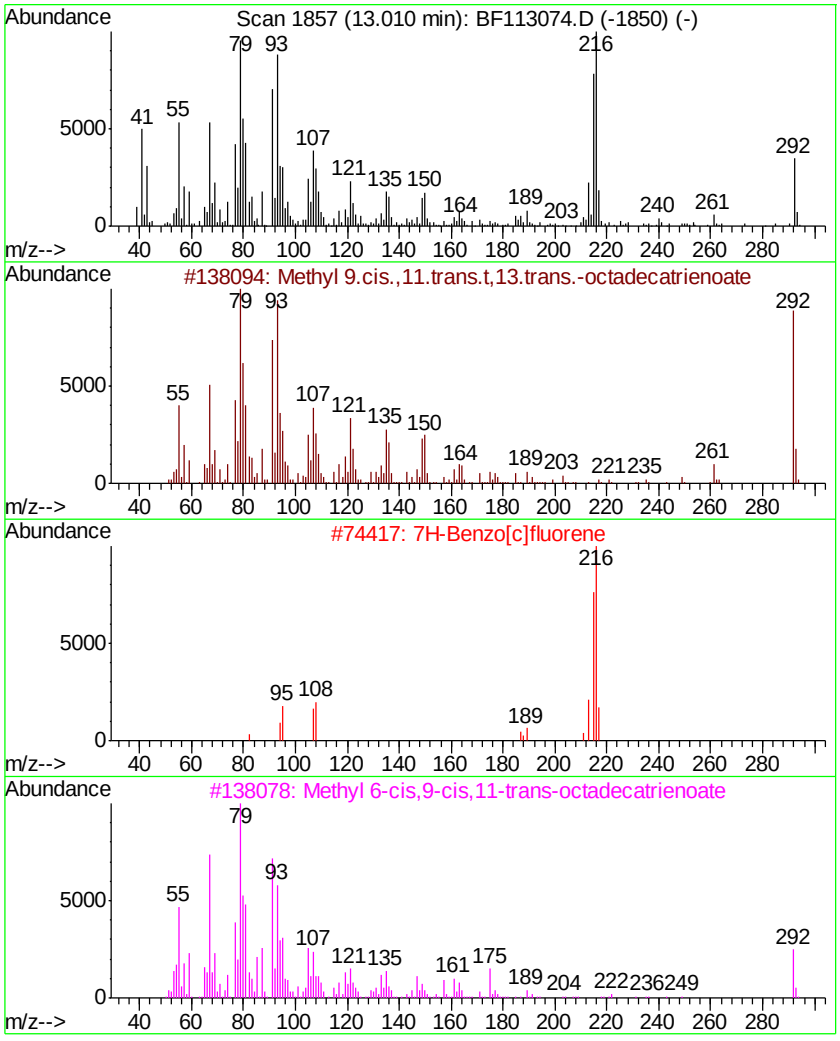
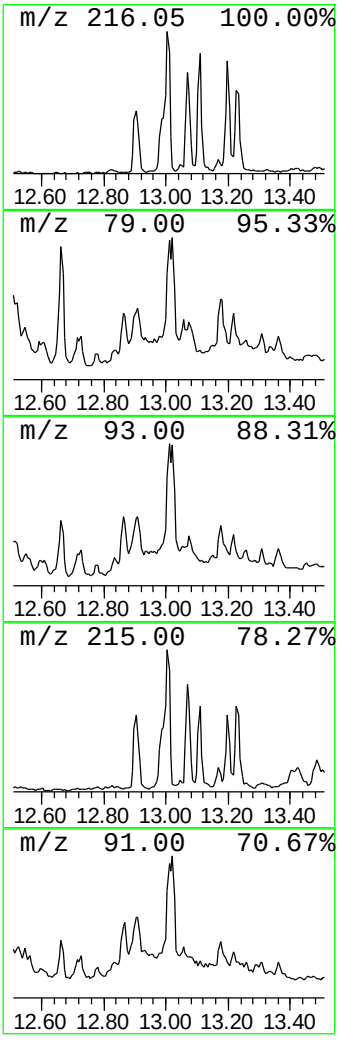
Peak Number 12 Methyl 9.cis.,11.trans.t,13... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.01	15.74 ng	1056880	Chrysene-d12	13.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl 9.cis.,11.trans.t,13.tran...	292	C19H32O2	1000336-42-6	97
2	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	60
3	Methyl 6-cis,9-cis,11-trans-octa...	292	C19H32O2	1000336-37-7	53
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	51
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	49





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Acq On : 15 Mar 2019 19:10
Operator : JU/SJ
Sample : K1698-01 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-04-031419

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.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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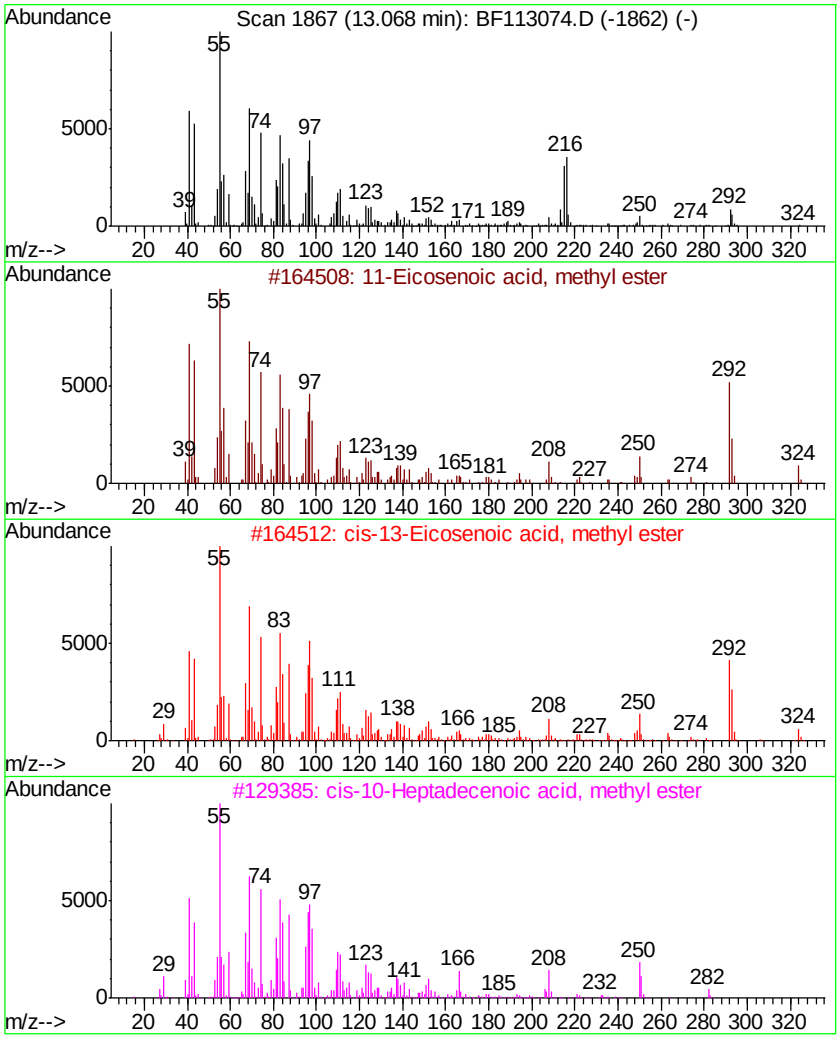
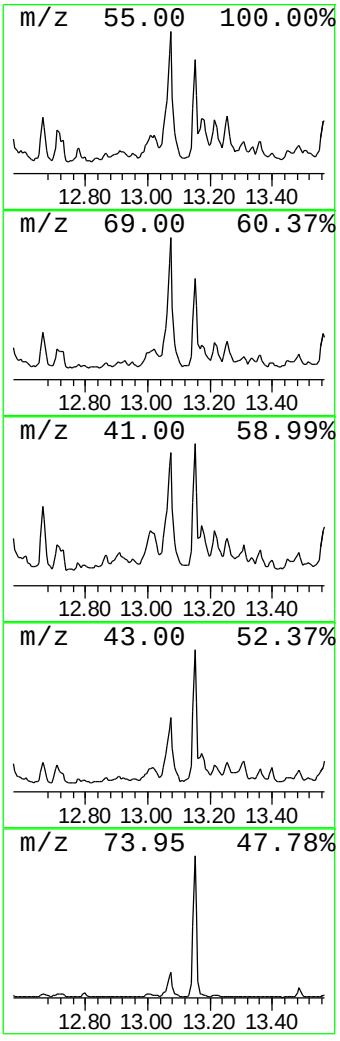
Peak Number 13 11-Eicosenoic acid, methyl ... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.07	21.82 ng	1465030	Chrysene-d12	13.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11-Eicosenoic acid, methyl ester	324	C21H40O2	003946-08-5	99
2	cis-13-Eicosenoic acid, methyl e...	324	C21H40O2	1000333-52-1	99
3	cis-10-Heptadecenoic acid, methy...	282	C18H34O2	1000333-62-1	70
4	trans-13-Octadecenoic acid, meth...	296	C19H36O2	1000333-61-3	70
5	cis-13-Octadecenoic acid, methyl...	296	C19H36O2	1000333-58-3	70





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Acq On : 15 Mar 2019 19:10
Operator : JU/SJ
Sample : K1698-01 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-04-031419

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.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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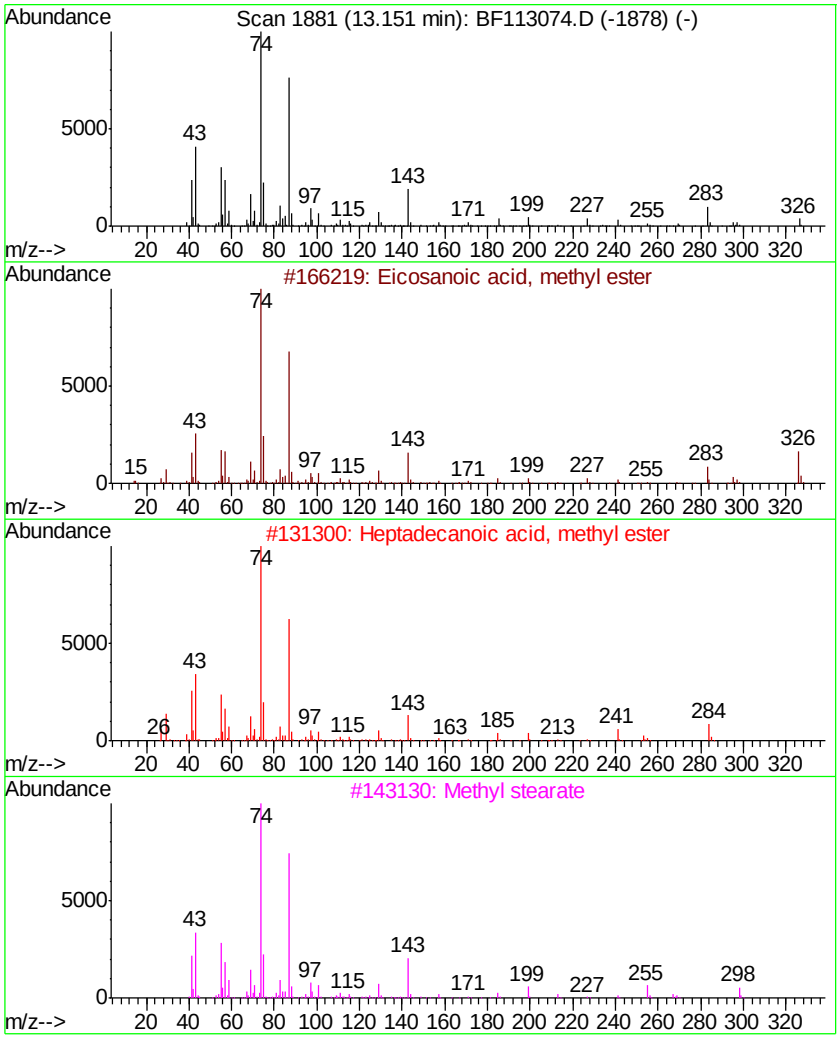
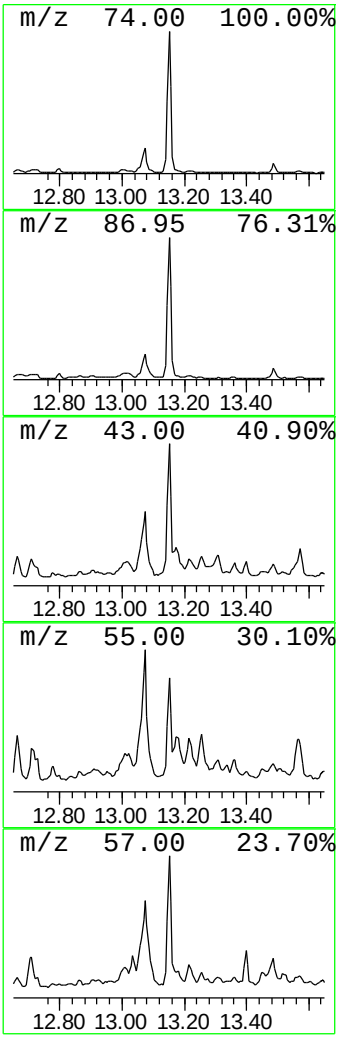
Peak Number 14 Eicosanoic acid, methyl ester Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.15	17.61 ng	1182180	Chrysene-d12	13.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosanoic acid, methyl ester	326	C21H42O2	001120-28-1	98
2	Heptadecanoic acid, methyl ester	284	C18H36O2	001731-92-6	93
3	Methyl stearate	298	C19H38O2	000112-61-8	93
4	Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	91
5	Nonadecanoic acid, methyl ester	312	C20H40O2	001731-94-8	90





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Acq On : 15 Mar 2019 19:10
Operator : JU/SJ
Sample : K1698-01 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-04-031419

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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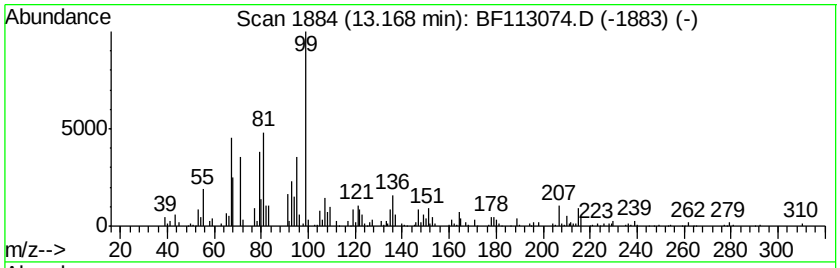
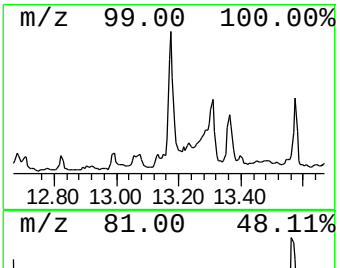
Peak Number 15 1,5-Cyclodecadiene, (E,Z)- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.17	10.83 ng	727401	Chrysene-d12	13.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,5-Cyclodecadiene, (E,Z)-	136	C10H16	001124-78-3	64
2	1,6-Cyclodecadiene	136	C10H16	007049-13-0	55
3	3-Methyl-cis-3a,4,7,7a-tetrahydr...	136	C10H16	1000144-04-4	38
4	1,E-11,Z-13-Octadecatriene	248	C18H32	080625-36-1	30
5	Cyclohexanol, 1-(1,2-propadienyl)-	138	C9H14O	034761-56-3	27





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Acq On : 15 Mar 2019 19:10
Operator : JU/SJ
Sample : K1698-01 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-04-031419

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.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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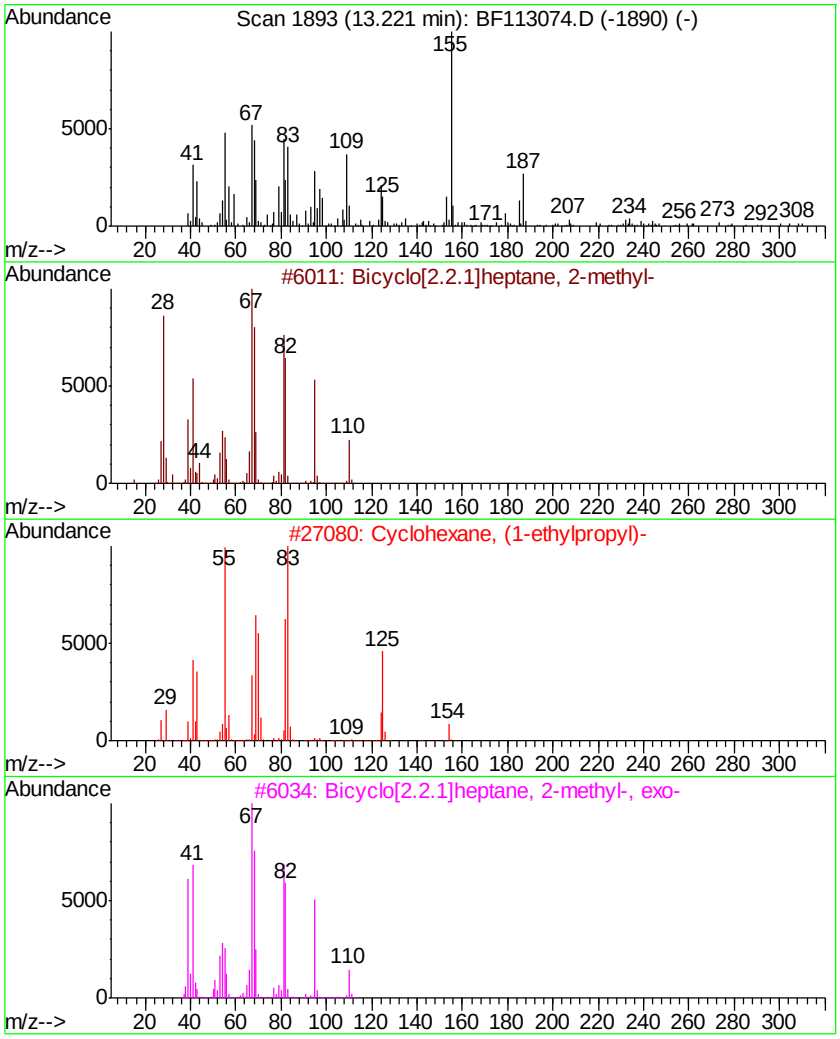
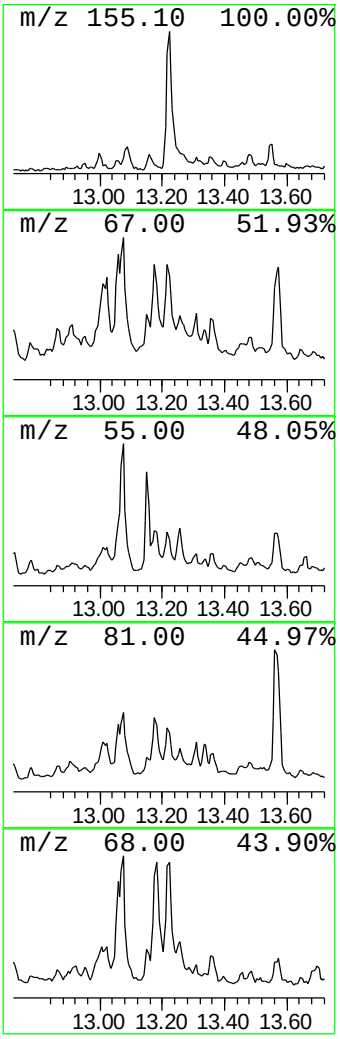
Peak Number 16 unknown13.22 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.22	9.10 ng	610808	Chrysene-d12	13.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[2.2.1]heptane, 2-methyl-	110	C8H14	015185-11-2	25
2	Cyclohexane, (1-ethylpropyl)-	154	C11H22	026321-98-2	18
3	Bicyclo[2.2.1]heptane, 2-methyl-...	110	C8H14	000872-78-6	15
4	1,2-Cyclohexanedicarboxylic acid...	372	C18H22Cl2O4	1000339-79-8	14
5	Cyclohexane, 1,3-dimethyl-2-meth...	124	C9H16	020348-74-7	14





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Acq On : 15 Mar 2019 19:10
Operator : JU/SJ
Sample : K1698-01 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-04-031419

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.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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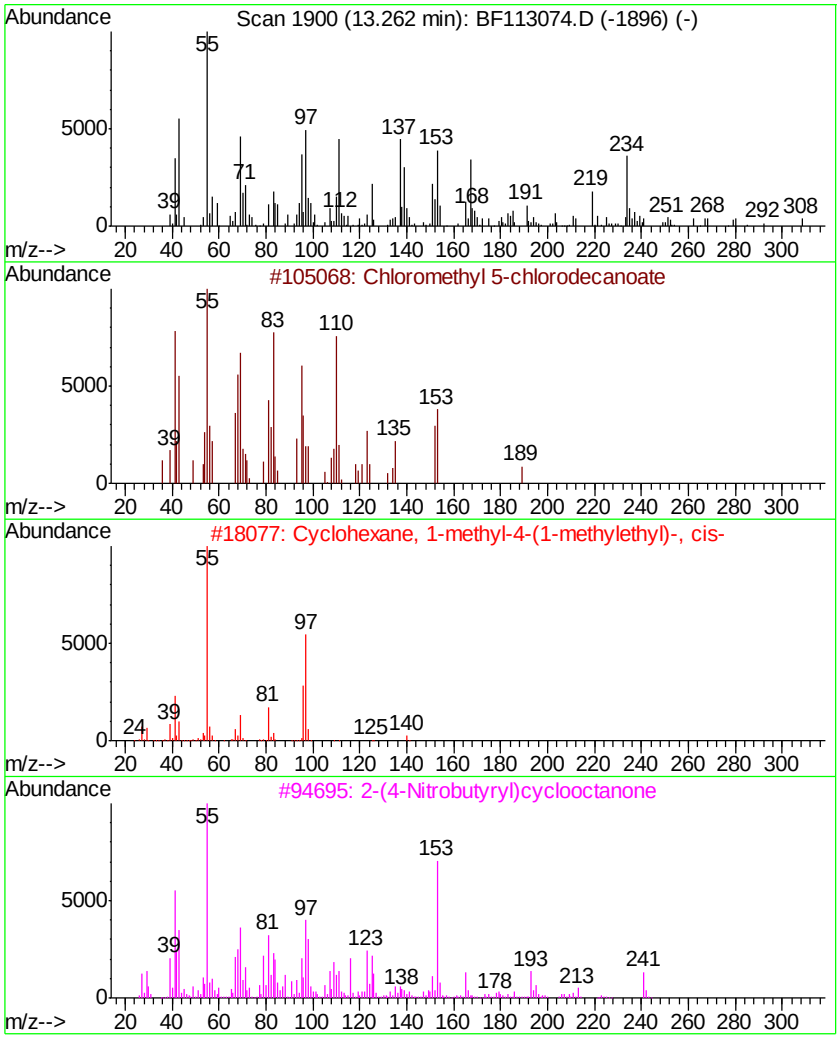
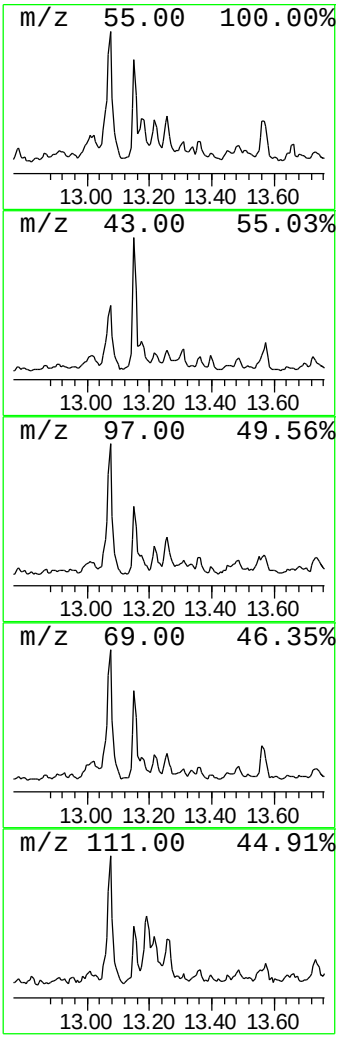
Peak Number 17 unknown13.26 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.26	6.46 ng	434006	Chrysene-d12	13.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Chloromethyl 5-chlorodecanoate	254	C11H20Cl2O2	080418-82-2	14
2	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	10
3	2-(4-Nitrobutyryl)cyclooctanone	241	C12H19NO4	079630-93-6	10
4	7-Bromo-1-heptanol, chlorodifluo...	306	C9H14BrClF2O2	1000376-26-3	10
5	4-Decene, 6-methyl-, (E)-	154	C11H22	036229-57-9	10





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Acq On : 15 Mar 2019 19:10
Operator : JU/SJ
Sample : K1698-01 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-04-031419

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.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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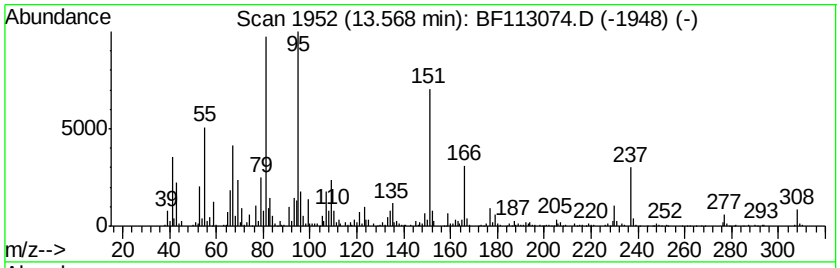
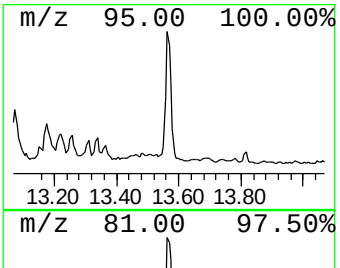
Peak Number 18 unknown13.57 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.57	12.36 ng	829744	Chrysene-d12	13.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl 2-octylcyclopropene-1-oct...	308	C20H36O2	003220-60-8	49
2	cis-3-Methyl-endo-tricyclo[5.2.1...	150	C11H18	1000215-29-0	38
3	Naphthalene, decahydro-2,2-dimet...	166	C12H22	031124-85-3	38
4	Phenol, 2,6-dimethyl-4-nitroso-	151	C8H9NO2	013331-93-6	35
5	Dicyclopentadiene diepoxide	164	C10H12O2	000081-21-0	30





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Sample : K1698-01 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-04-031419

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.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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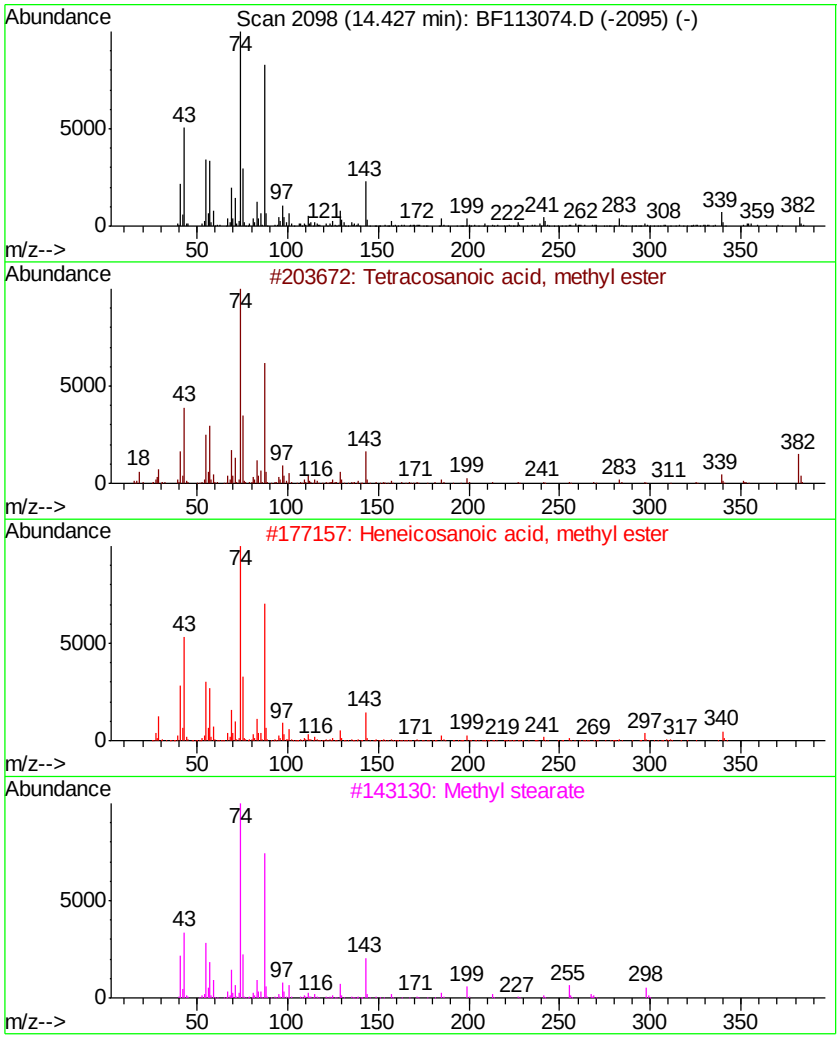
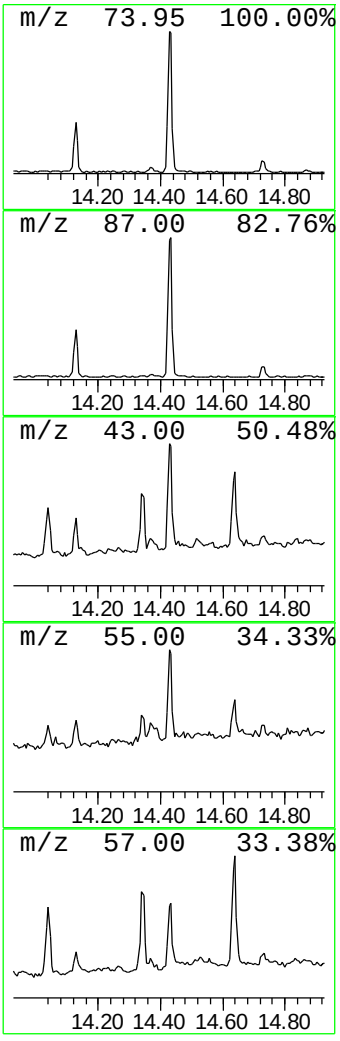
Peak Number 19 Tetracosanoic acid, methyl ... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.43	5.68 ng	381462	Chrysene-d12	13.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosanoic acid, methyl ester	382	C25H50O2	002442-49-1	99
2	Heneicosanoic acid, methyl ester	340	C22H44O2	006064-90-0	95
3	Methyl stearate	298	C19H38O2	000112-61-8	93
4	Eicosanoic acid, methyl ester	326	C21H42O2	001120-28-1	90
5	Nonadecanoic acid, methyl ester	312	C20H40O2	001731-94-8	90





Tentatively Identified Compound (LSC) summary

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Data File : BF113074.D
Acq On : 15 Mar 2019 19:10
Operator : JU/SJ
Sample : K1698-01 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-04-031419

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.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
unknown6.49	6.49	15.5	ng	559923	1	6.73	721988	20.0
Naphthalene, 2,3-...	9.35	5.7	ng	369156	3	9.76	1288180	20.0
Methyl tetradecan...	10.77	15.7	ng	933091	4	11.23	1186910	20.0
9-Hexadecenoic ac...	11.56	23.4	ng	1385830	4	11.23	1186910	20.0
Hexadecanoic acid...	11.66	273.4	ng	16227000	4	11.23	1186910	20.0
n-Hexadecanoic acid	11.79	19.8	ng	1173540	4	11.23	1186910	20.0
E-9-Tetradecen-1-...	11.96	10.2	ng	603780	4	11.23	1186910	20.0
unknown12.04	12.04	12.0	ng	709484	4	11.23	1186910	20.0
10,13-Octadecadie...	12.37	617.3	ng	36635300	4	11.23	1186910	20.0
Z-7-Pentadecenol	12.50	32.0	ng	1900910	4	11.23	1186910	20.0
Methyl 9.cis.,11....	13.01	15.7	ng	1056880	5	13.86	1342830	20.0
11-Eicosenoic aci...	13.07	21.8	ng	1465030	5	13.86	1342830	20.0
Eicosanoic acid, ...	13.15	17.6	ng	1182180	5	13.86	1342830	20.0
1,5-Cyclodecadien...	13.17	10.8	ng	727401	5	13.86	1342830	20.0
unknown13.22	13.22	9.1	ng	610808	5	13.86	1342830	20.0
unknown13.26	13.26	6.5	ng	434006	5	13.86	1342830	20.0
unknown13.57	13.57	12.4	ng	829744	5	13.86	1342830	20.0
Tetracosanoic aci...	14.43	5.7	ng	381462	5	13.86	1342830	20.0