LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102319\
Data File : BF117506.D
Acq On : 24 Oct 2019 1:37
Operator : JU
Sample : K5152-10 2X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-03-102219

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-BF101819.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	5.351	552	555	574	rBV	248032	367530	4.96%	1.491%
2	6.375	726	729	748	rBV	345042	431090	5.82%	1.749%
3	6.504	748	751	758	rVV	478479	445282	6.01%	1.807%
4	6.728	786	789	803	rBV	226523	234938	3.17%	0.953%
5	6.887	812	816	830	rBV	365103	325363	4.39%	1.320%
6	7.292	882	885	898	rBV	199448	252946	3.41%	1.026%
7	8.010	1002	1007	1014	rBV	357532	349546	4.72%	1.418%
8	9.086	1186	1190	1195	rBV	530880	486919	6.57%	1.976%
9	9.481	1253	1257	1260	rBV2	79068	93070	1.26%	0.378%
10	9.698	1291	1294	1297	rBV	108809	80597	1.09%	0.327%
11	9.763	1301	1305	1309	rVB	473044	383777	5.18%	1.557%
12	10.192	1376	1378	1381	rVB	129995	102883	1.39%	0.417%
13	10.551	1437	1439	1450	rVB	277572	284560	3.84%	1.155%
14	10.669	1455	1459	1467	rBV	147361	204221	2.75%	0.829%
15	11.116	1531	1535	1537	rBV	138046	113666	1.53%	0.461%
16	11.145	1537	1540	1545	rVB	95811	98869	1.33%	0.401%
17	11.245	1554	1557	1560	rBV	367495	379487	5.12%	1.540%
18	11.275	1560	1562	1569	rVB	294466	266287	3.59%	1.080%
19	11.539	1604	1607	1609	rBV	148528	112388	1.52%	0.456%
20	11.645	1620	1625	1628	rBV	2388606	1970281	26.58%	7.994%
21	11.751	1640	1643	1645	rBV	127644	112017	1.51%	0.454%
22	11.780	1645	1648	1653	rVB	222279	202706	2.73%	0.822%
23	11.857	1658	1661	1664	rVV2	125608	146089	1.97%	0.593%
24	11.886	1664	1666	1670	rVB	100552	85984	1.16%	0.349%
25	11.945	1672	1676	1681	rBV	114482	112621	1.52%	0.457%
26	12.045	1690	1693	1697	rBV	78471	80713	1.09%	0.327%
27	12.333	1737	1742	1744	rVV	3543627	4527905	61.08%	18.371%
28	12.369	1744	1748	1752	rVV	5978664	7413168	100.00%	30.078%
29	12.398	1752	1753	1756	rVV	110998	83187	1.12%	0.338%
30	12.433	1756	1759	1762	rVV	942955	748570	10.10%	3.037%
31	12.463	1762	1764	1767	rVV	378420	407670	5.50%	1.654%
32	12.492	1767	1769	1779	rVB3	231776	332259	4.48%	1.348%
33	12.669	1796	1799	1800	rBV	87645	83763	1.13%	0.340%
34	12.692	1800	1803	1811	rVB	408341	475708	6.42%	1.930%

LSC Area Percent Report

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Operator : JU
Sample : K5152-10 2X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-03-102219

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-BF101819.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.833	1823	1827	1830	rBV	440916	392817	5.30%	1.594%
36	12.916	1837	1841	1844	rBV	63855	108090	1.46%	0.439%
37	13.010	1855	1857	1863	rVV4	87868	151865	2.05%	0.616%
38	13.074	1863	1868	1874	rVB4	167929	246786	3.33%	1.001%
39	13.157	1879	1882	1885	rVB	145512	130737	1.76%	0.530%
40	13.251	1895	1898	1906	rBV2	70798	104964	1.42%	0.426%
41	13.586	1950	1955	1957	rBV4	59300	85700	1.16%	0.348%
42	13.821	1992	1995	2001	rVB	160136	137675	1.86%	0.559%
43	13.892	2002	2007	2010	rBV2	370809	503745	6.80%	2.044%
44	13.916	2010	2011	2016	rVB	159904	132496	1.79%	0.538%
45	14.351	2082	2085	2089	rBV2	91953	125871	1.70%	0.511%
46	14.763	2151	2155	2159	rVB	116448	155453	2.10%	0.631%
47	14.921	2179	2182	2185	rBV	79571	100092	1.35%	0.406%
48	15.327	2247	2251	2255	rVB	188338	236651	3.19%	0.960%
49	15.951	2355	2357	2365	rVB3	70055	123078	1.66%	0.499%
50	16.745	2488	2492	2500	rVB4	58240	114641	1.55%	0.465%

Sum of corrected areas: 24646721

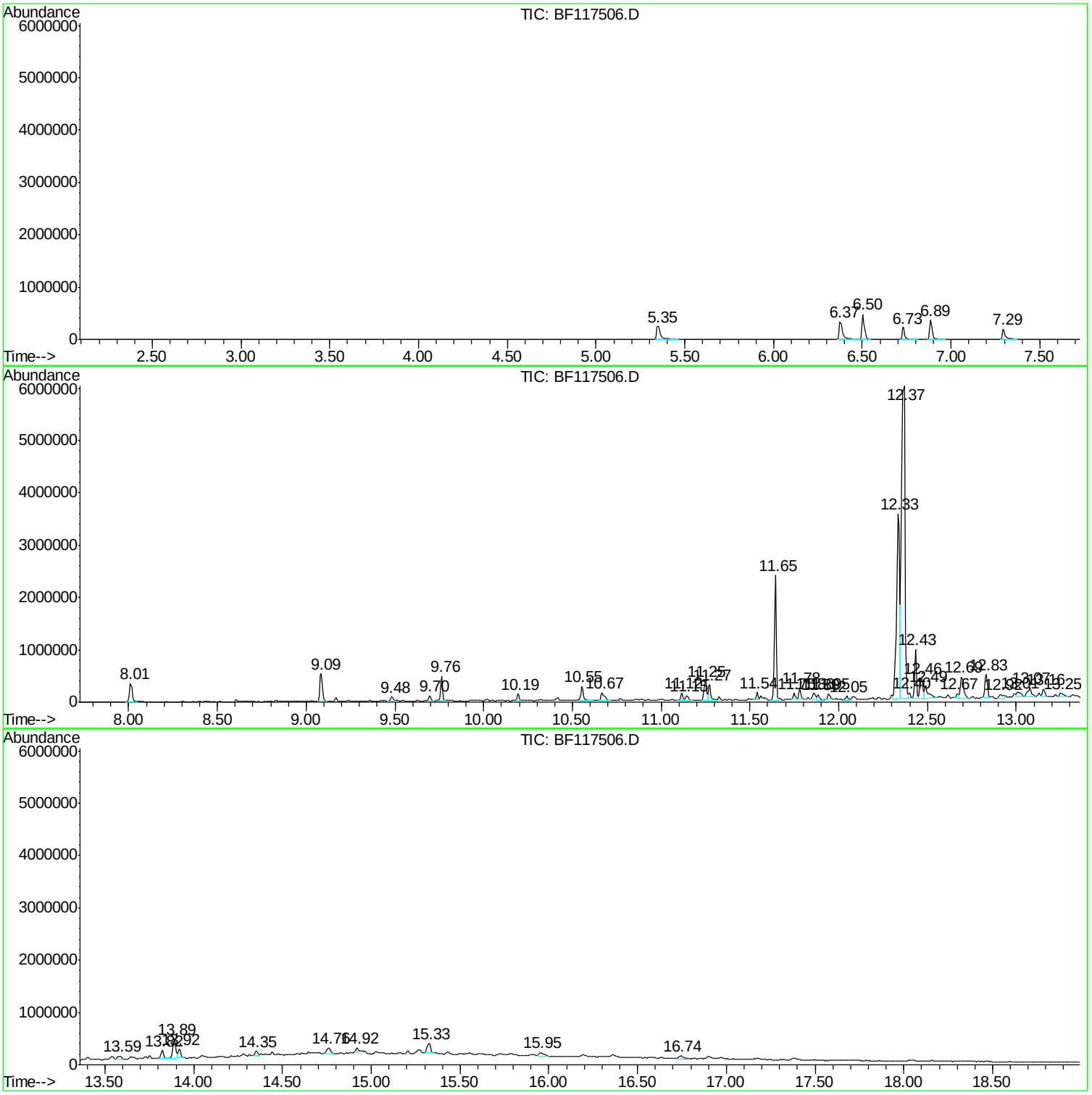
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102319\
Data File : BF117506.D
Acq On : 24 Oct 2019 1:37
Operator : JU
Sample : K5152-10 2X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-03-102219

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102319\
Data File : BF117506.D
Acq On : 24 Oct 2019 1:37
Operator : JU
Sample : K5152-10 2X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-03-102219

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101819.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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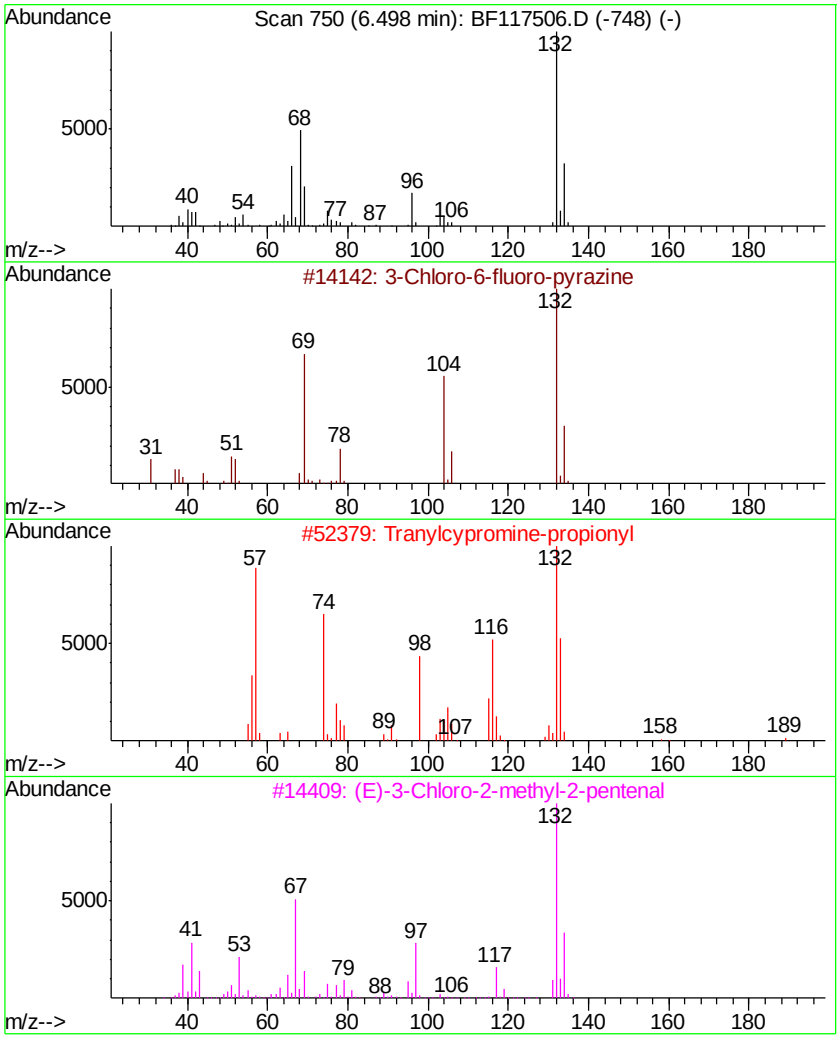
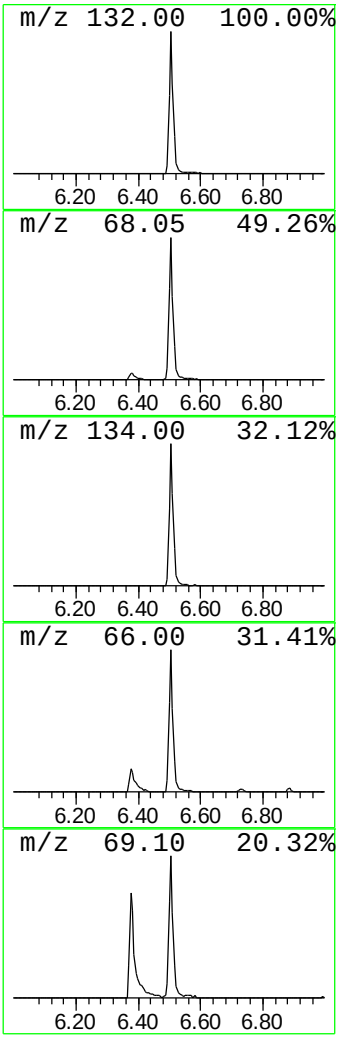
Peak Number 1 unknown6.50 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.50	37.91 ng	445282	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	16
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
3	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
4	5-Aminoindole	132	C8H8N2	005192-03-0	10
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102319\
Data File : BF117506.D
Acq On : 24 Oct 2019 1:37
Operator : JU
Sample : K5152-10 2X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-03-102219

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101819.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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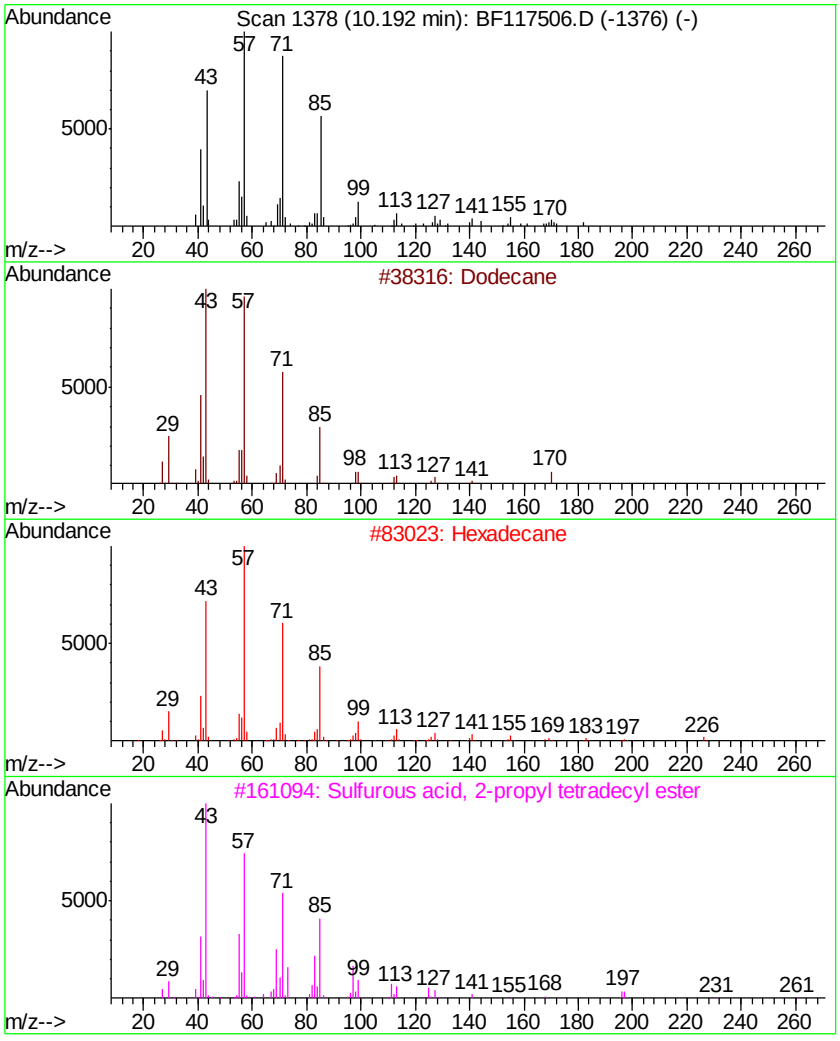
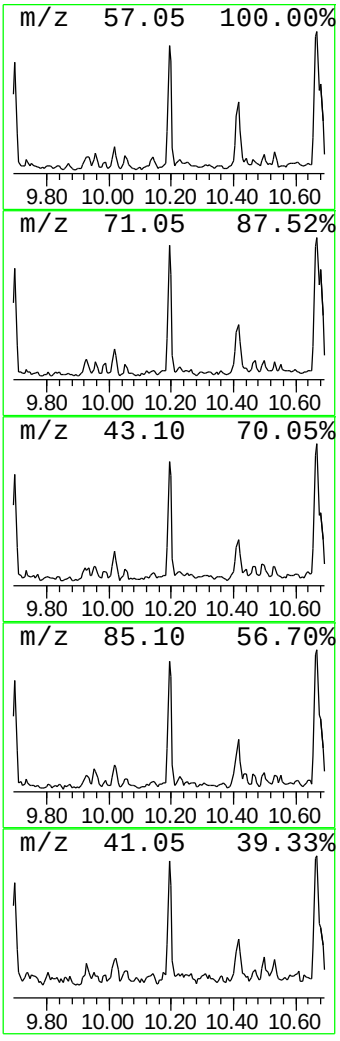
Peak Number 3 Dodecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.19	5.36 ng	102883	Acenaphthene-d10	9.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	90
2	Hexadecane	226	C16H34	000544-76-3	87
3	Sulfurous acid, 2-propyl tetrade...	320	C17H36O3S	1000309-12-5	86
4	Tetracosane	338	C24H50	000646-31-1	86
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102319\
Data File : BF117506.D
Acq On : 24 Oct 2019 1:37
Operator : JU
Sample : K5152-10 2X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-03-102219

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101819.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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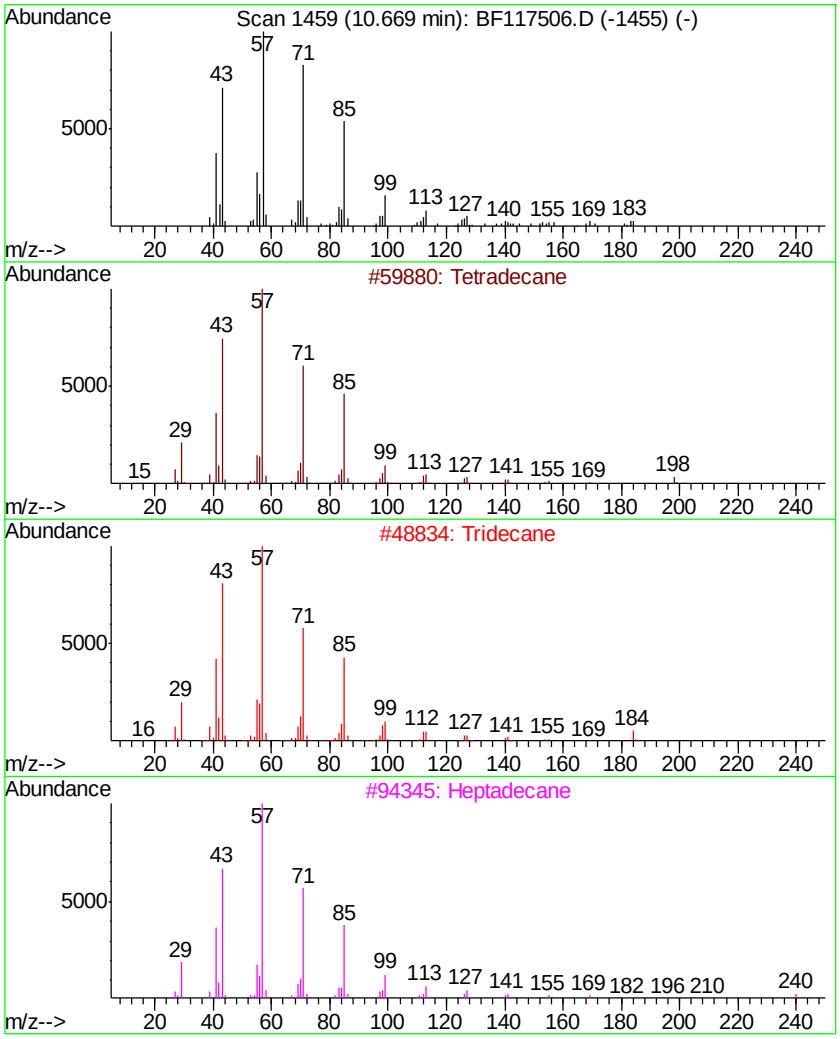
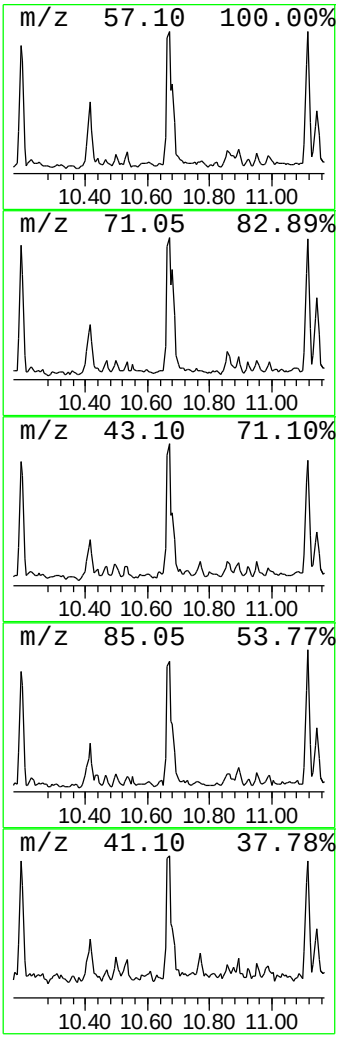
Peak Number 4 Tetradecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.67	10.76 ng	204221	Phenanthrene-d10	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	91
2	Tridecane	184	C13H28	000629-50-5	91
3	Heptadecane	240	C17H36	000629-78-7	91
4	Hexadecane	226	C16H34	000544-76-3	91
5	Sulfurous acid, 2-propyl tetrade...	320	C17H36O3S	1000309-12-5	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102319\
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Operator : JU
Sample : K5152-10 2X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-03-102219

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101819.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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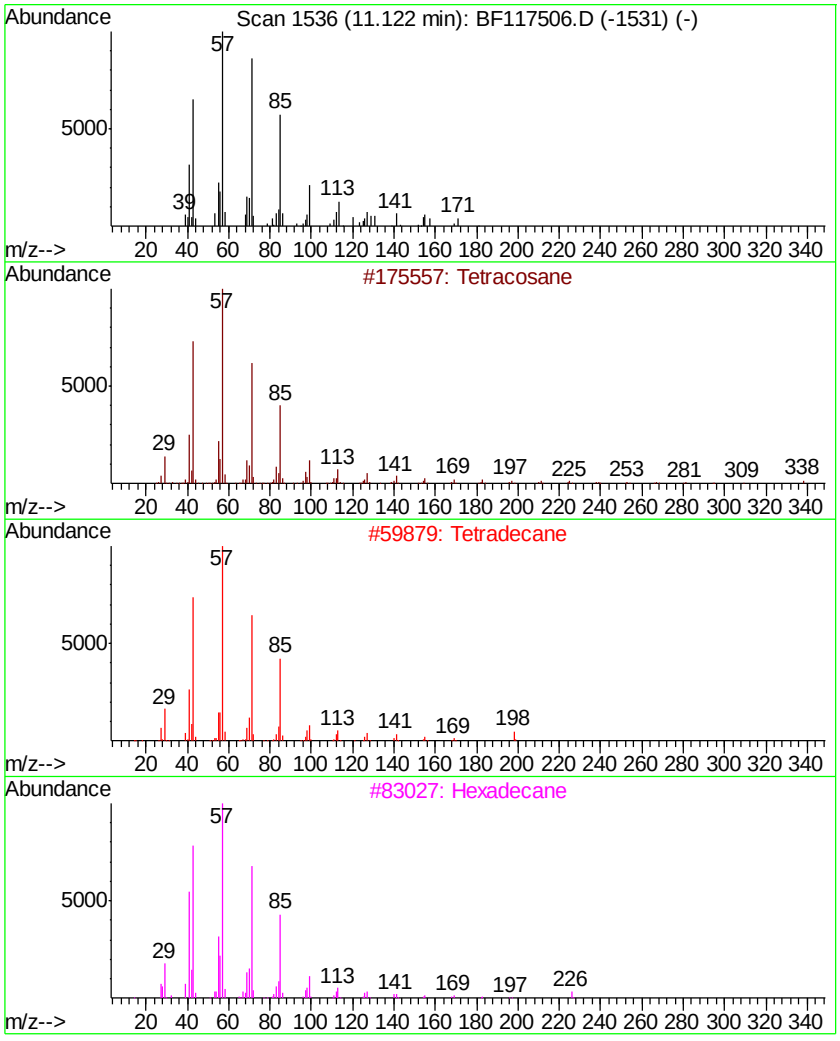
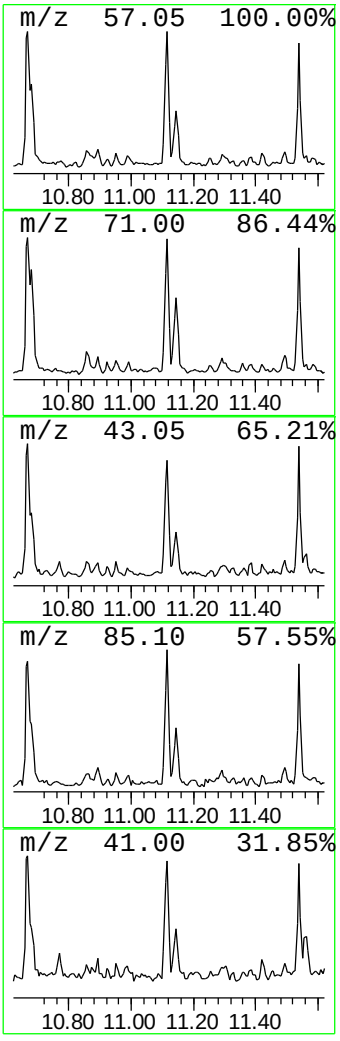
Peak Number 5 Tetracosane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.12	5.99 ng	113666	Phenanthrene-d10	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	90
2	Tetradecane	198	C14H30	000629-59-4	90
3	Hexadecane	226	C16H34	000544-76-3	90
4	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	87
5	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	86





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Instrument : BNA_F
ClientSampleId : SU-03-102219

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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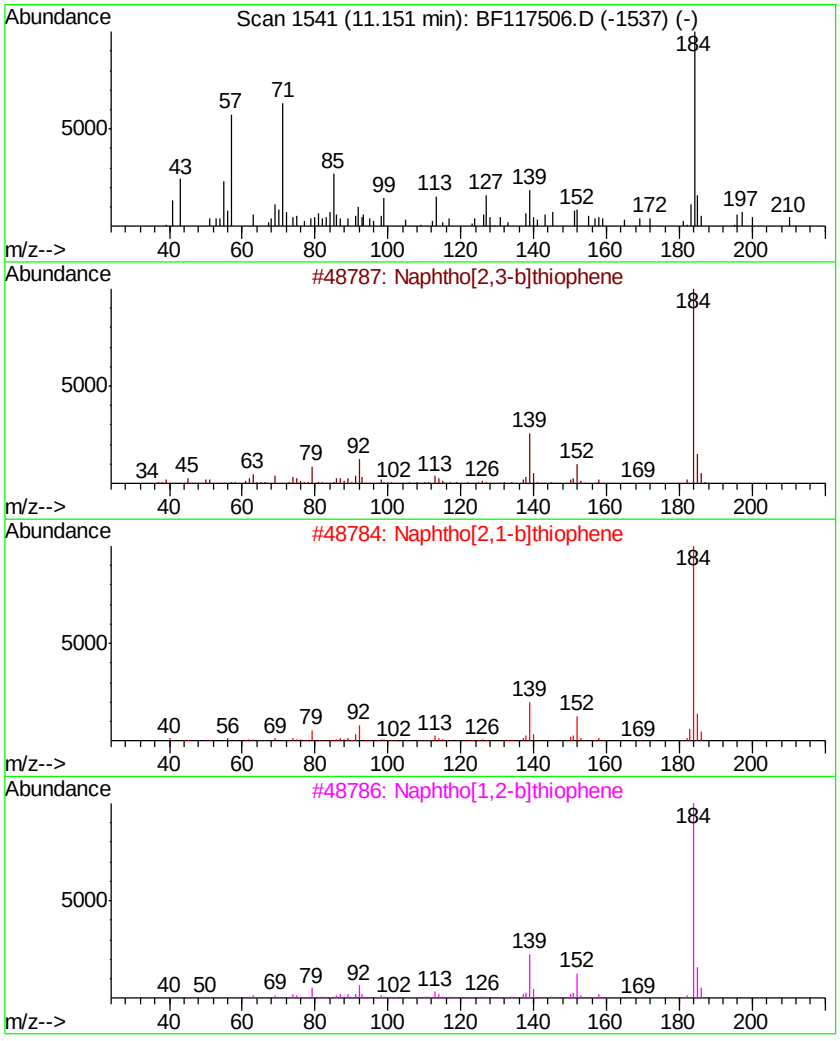
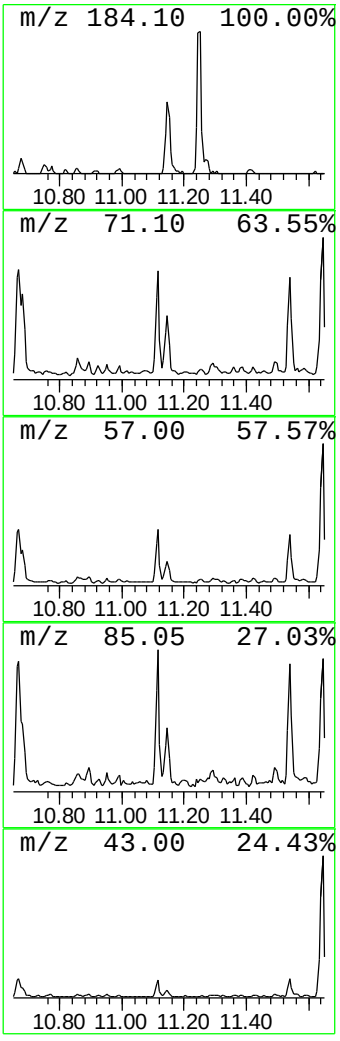
Peak Number 6 unknown11.15 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.15	5.21 ng	98869	Phenanthrene-d10	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	46
2	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	46
3	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	46
4	Dibenzothiophene	184	C12H8S	000132-65-0	46
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	41





Library Search Compound Report

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ClientSampleId : SU-03-102219

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101819.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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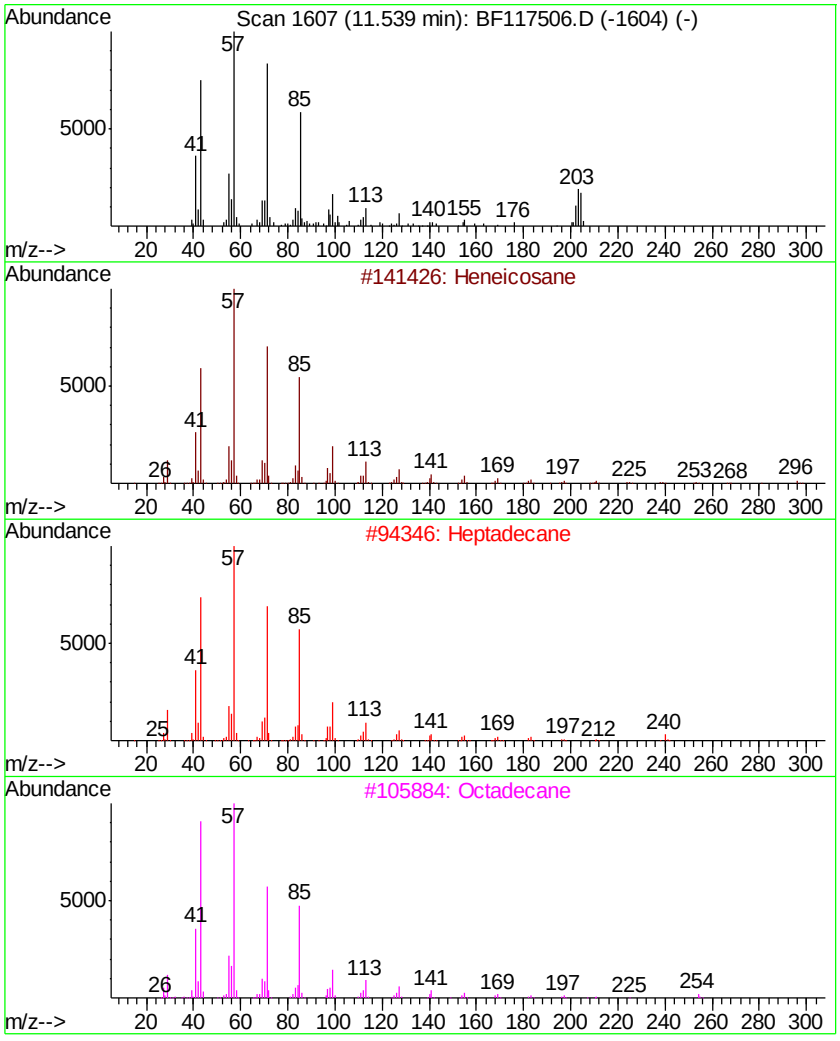
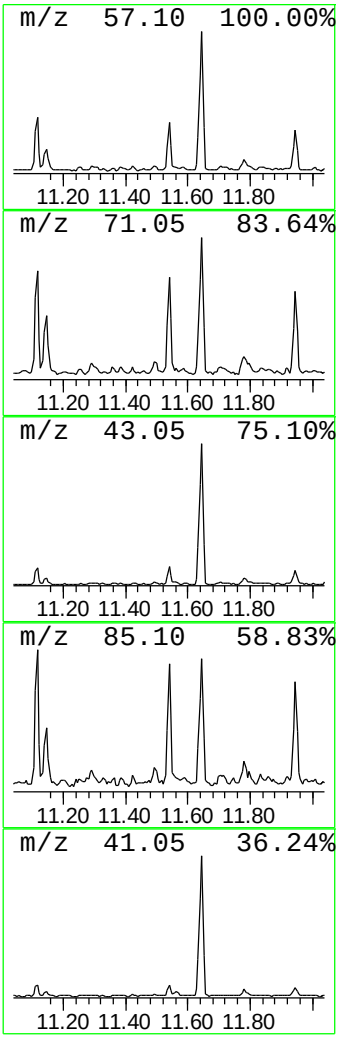
Peak Number 7 Heneicosane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.54	5.92 ng	112388	Phenanthrene-d10	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	81
2	Heptadecane	240	C17H36	000629-78-7	74
3	Octadecane	254	C18H38	000593-45-3	72
4	Tetradecane	198	C14H30	000629-59-4	72
5	Tetracosane	338	C24H50	000646-31-1	68





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Misc :
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Instrument : BNA_F
ClientSampleId : SU-03-102219

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101819.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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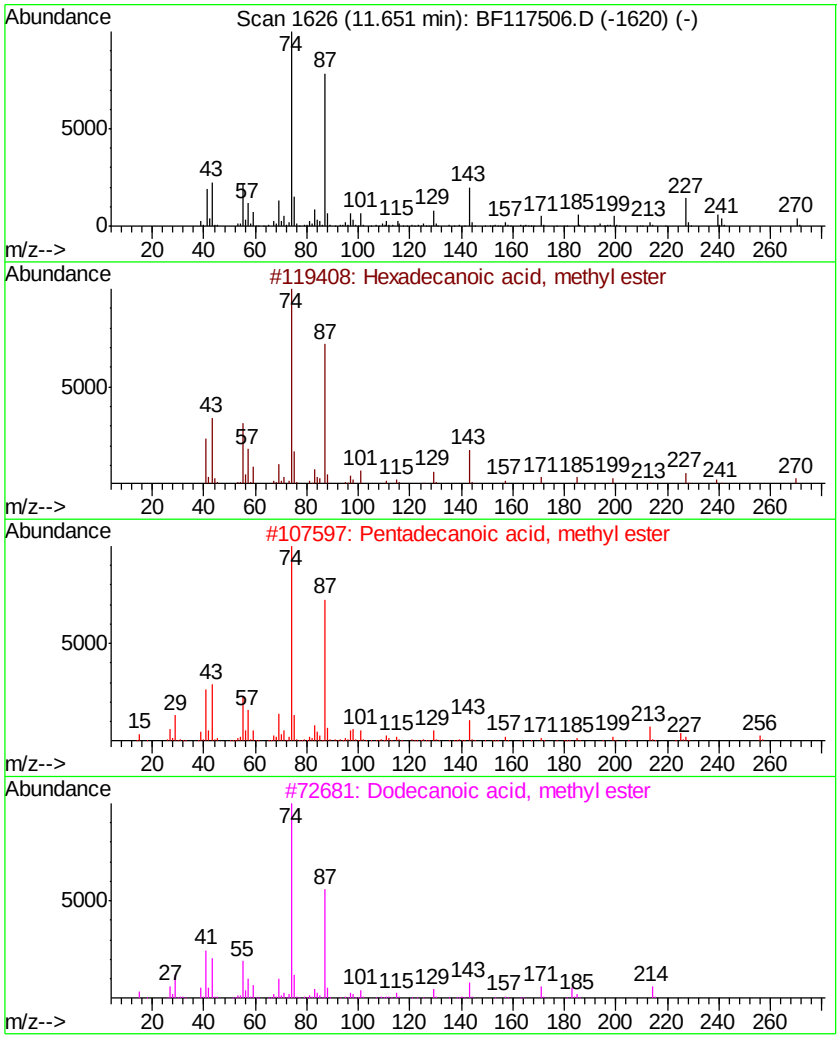
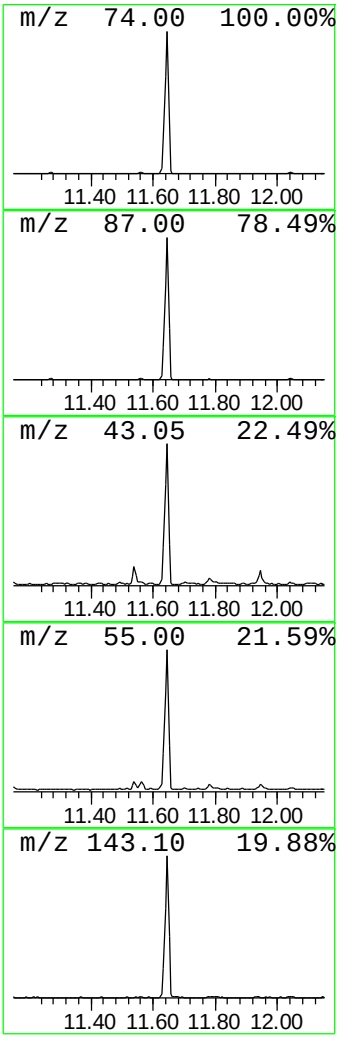
Peak Number 8 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.65	103.84 ng	1970280	Phenanthrene-d10	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	97
2	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	90
3	Dodecanoic acid, methyl ester	214	C13H26O2	000111-82-0	87
4	Methyl tetradecanoate	242	C15H30O2	000124-10-7	87
5	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	86





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102319\
Data File : BF117506.D
Acq On : 24 Oct 2019 1:37
Operator : JU
Sample : K5152-10 2X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-03-102219

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101819.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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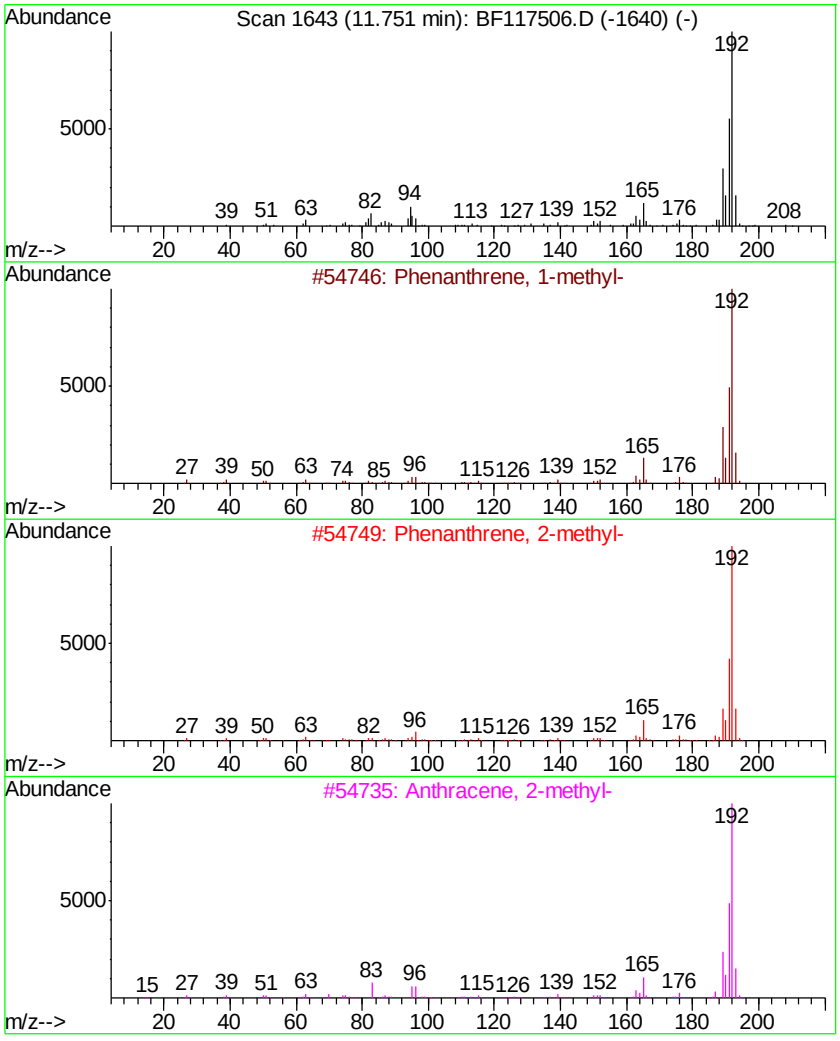
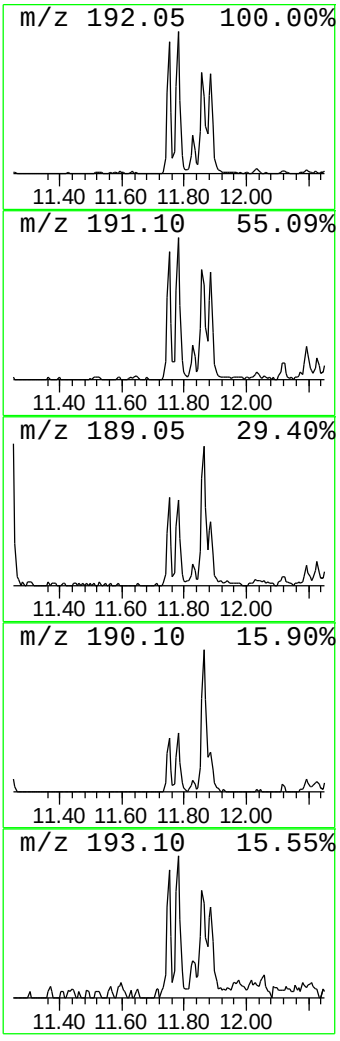
Peak Number 9 Phenanthrene, 1-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.75	5.90 ng	112017	Phenanthrene-d10	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93





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Data File : BF117506.D
Acq On : 24 Oct 2019 1:37
Operator : JU
Sample : K5152-10 2X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-03-102219

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

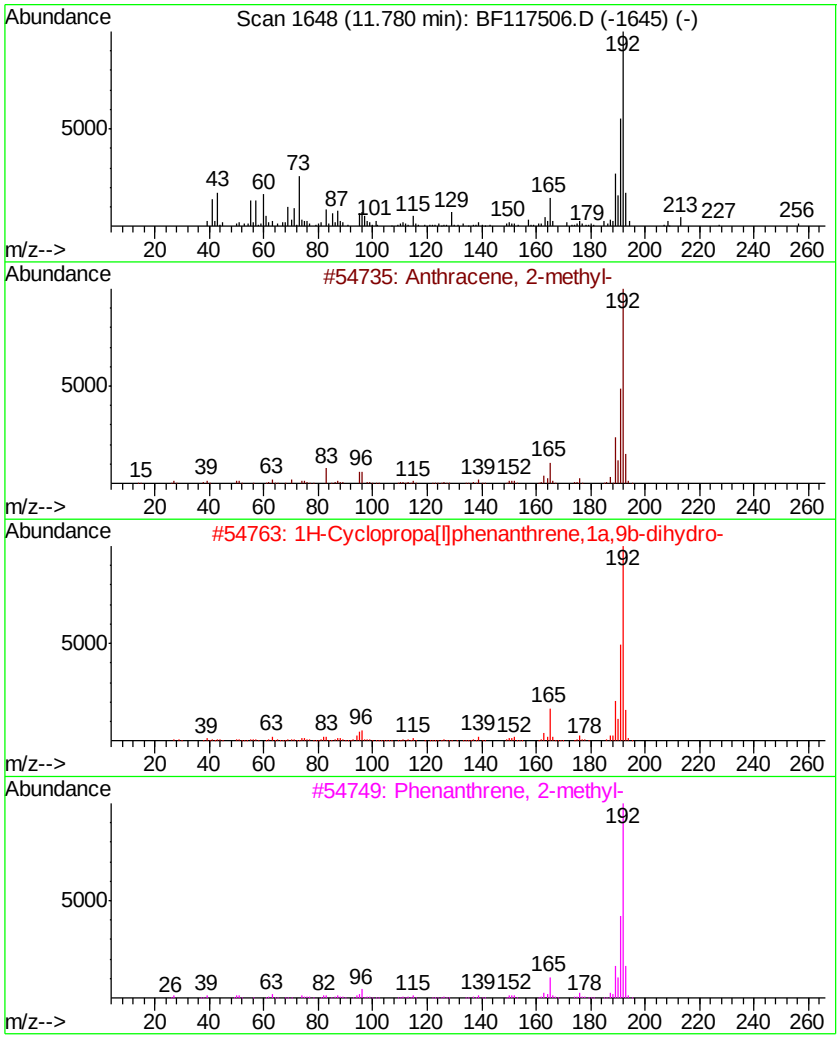
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

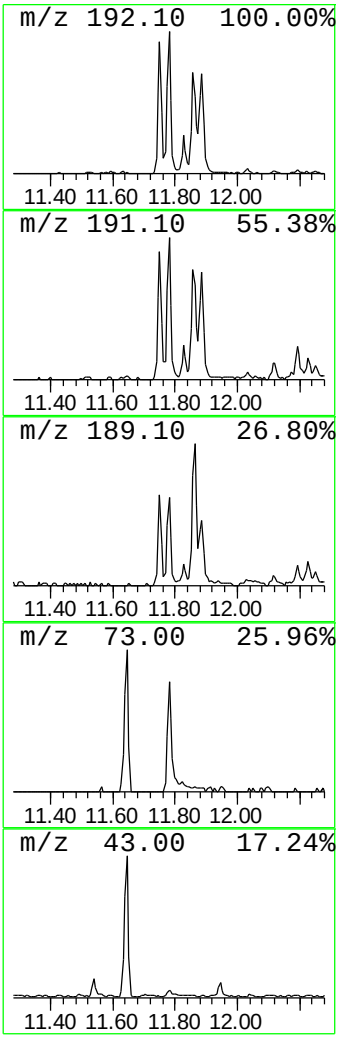
****

Peak Number 10 Anthracene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.78	10.68 ng	202706	Phenanthrene-d10	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	95
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93





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Sample : K5152-10 2X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-03-102219

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101819.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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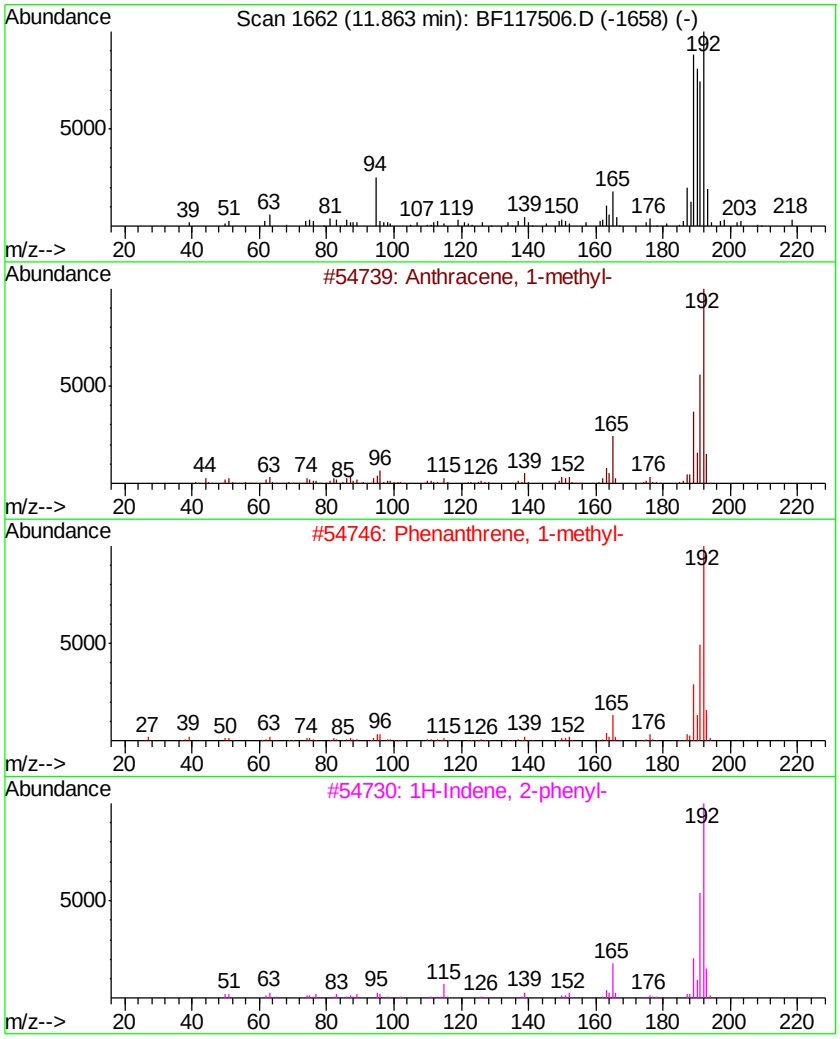
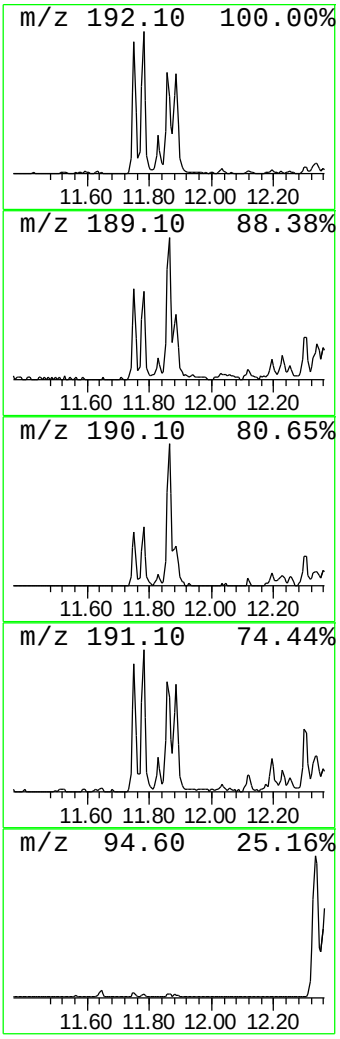
Peak Number 11 Anthracene, 1-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.86	7.70 ng	146089	Phenanthrene-d10	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	70
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	70
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	70





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Sample : K5152-10 2X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-03-102219

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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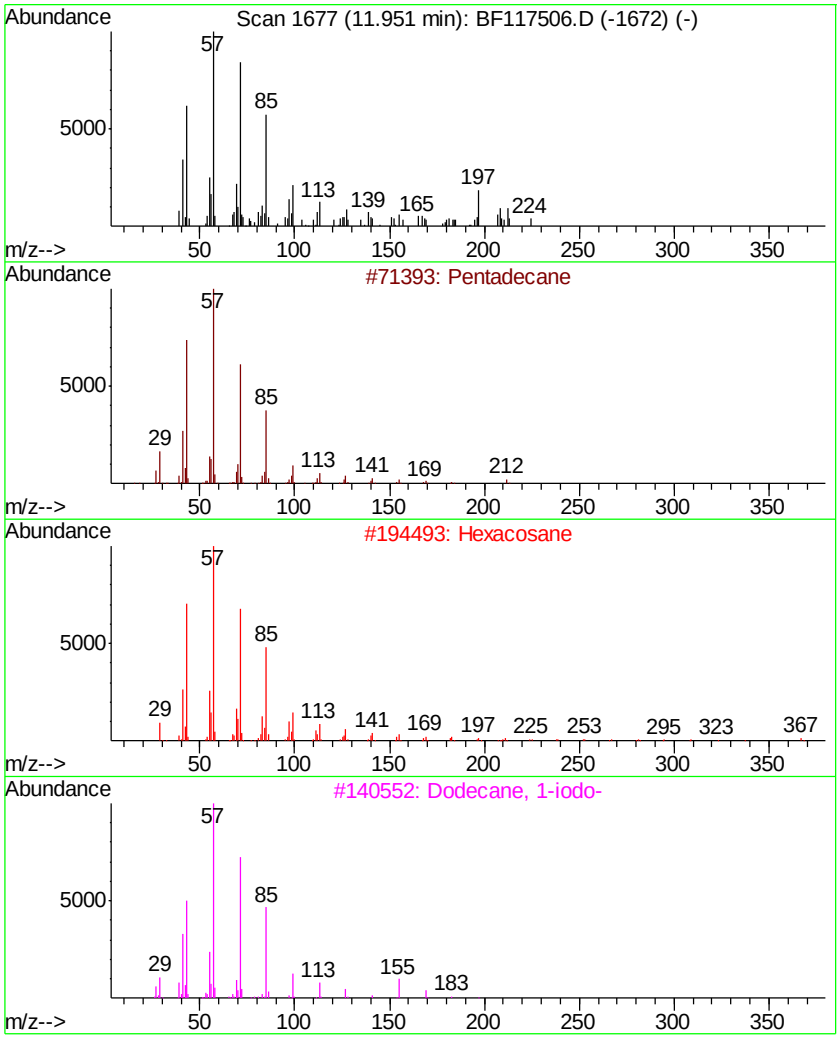
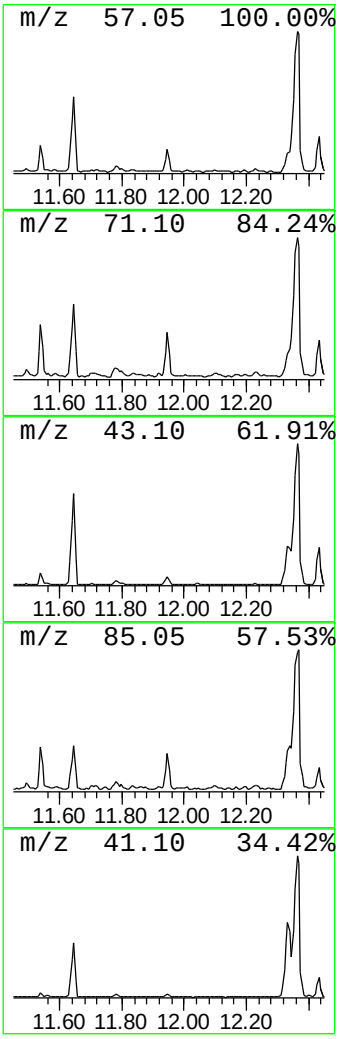
Peak Number 12 Pentadecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.95	5.94 ng	112621	Phenanthrene-d10	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	90
2	Hexacosane	366	C26H54	000630-01-3	87
3	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80
4	Heptacosane	380	C27H56	000593-49-7	74
5	Hexadecane	226	C16H34	000544-76-3	72





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Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-03-102219

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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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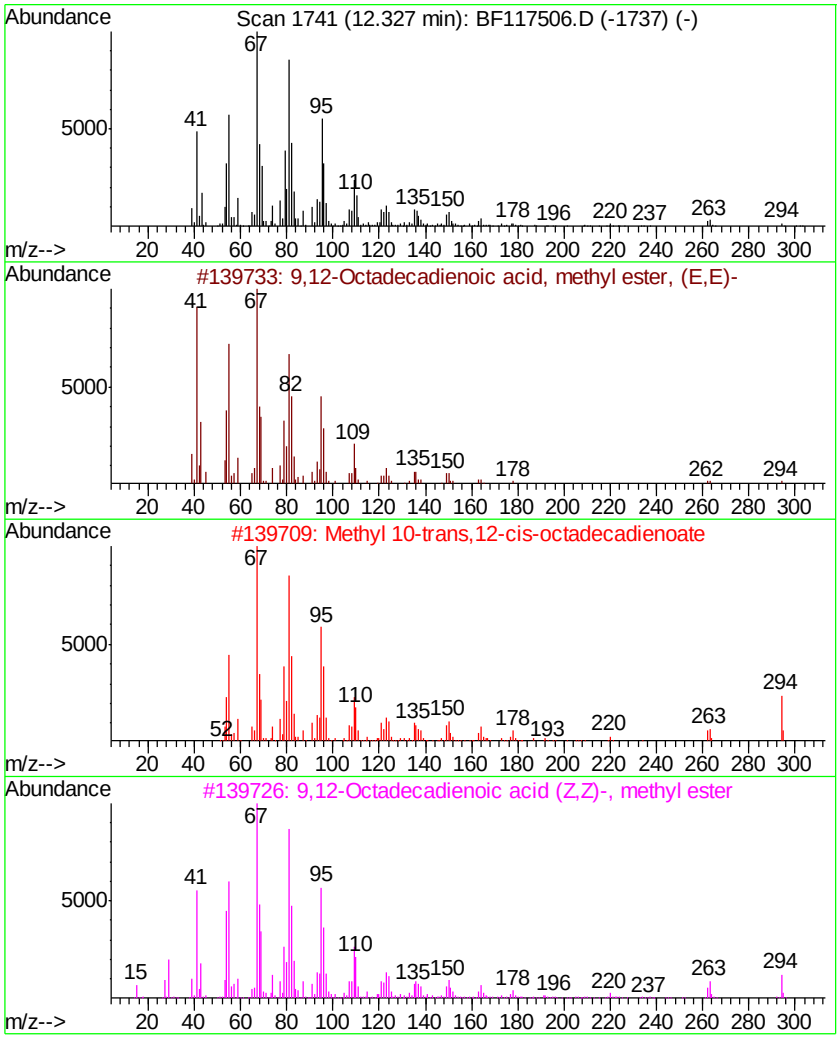
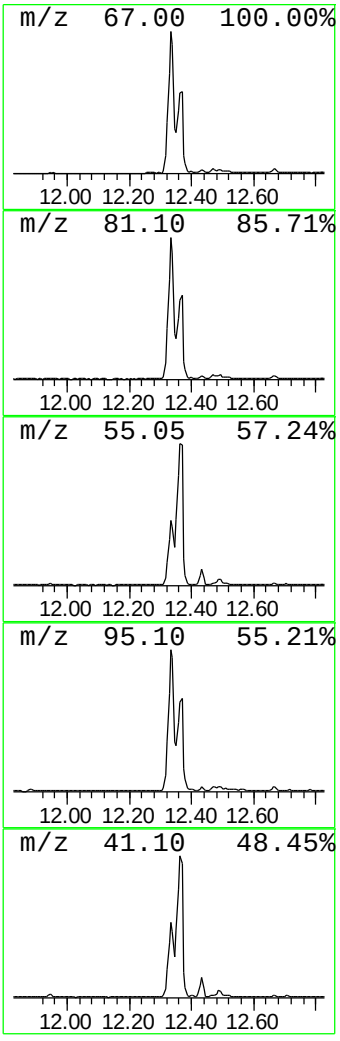
Peak Number 13 9,12-Octadecadienoic acid, ... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.33	238.63 ng	4527910	Phenanthrene-d10	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
2	Methyl 10-trans,12-cis-octadecad...	294	C19H34O2	1000336-44-2	99
3	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99
4	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	98
5	11,14-Octadecadienoic acid, meth...	294	C19H34O2	056554-61-1	98





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Data File : BF117506.D
Acq On : 24 Oct 2019 1:37
Operator : JU
Sample : K5152-10 2X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-03-102219

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

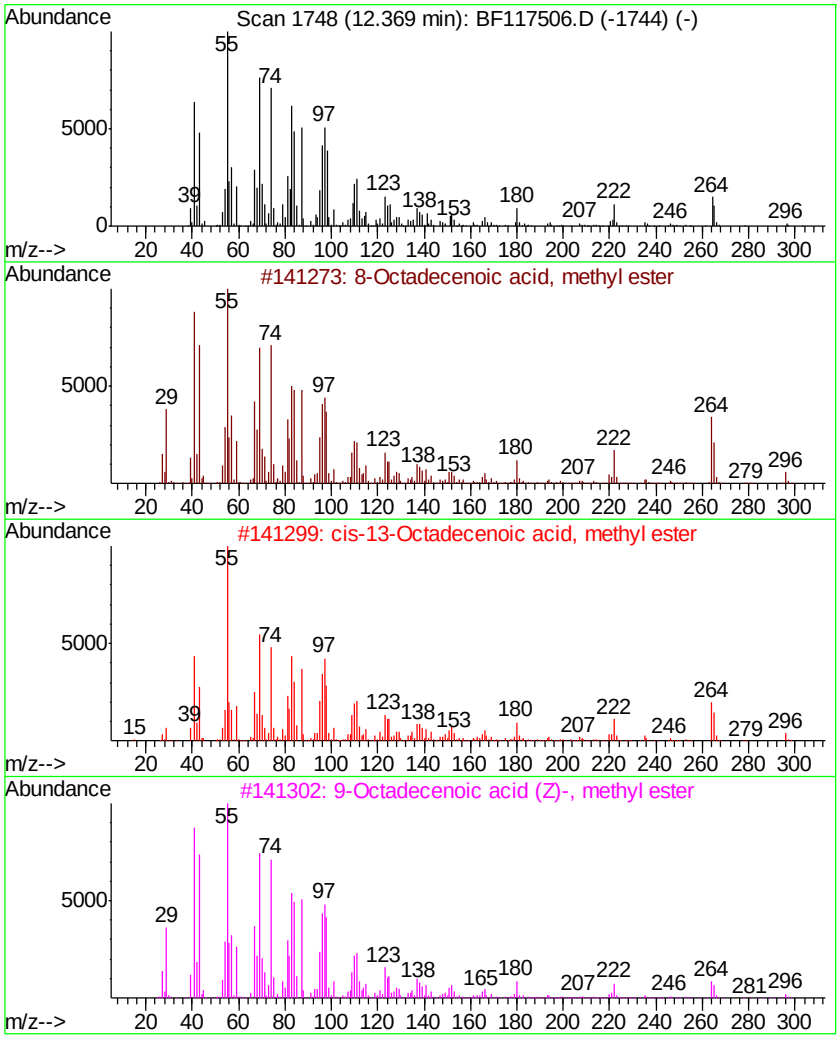
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

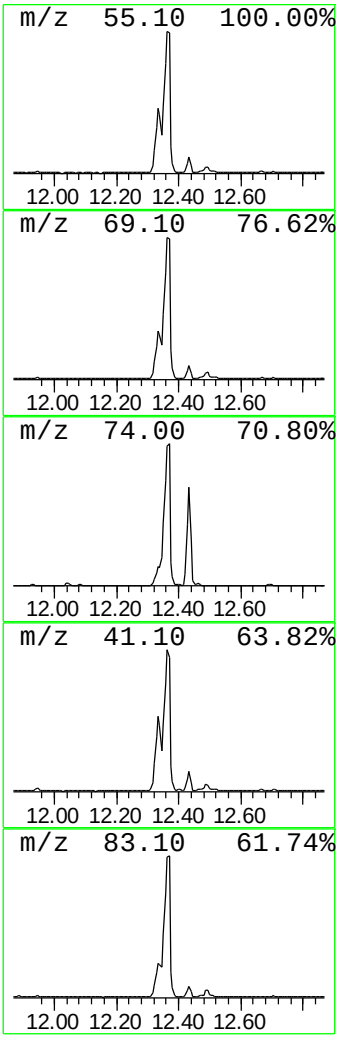
****

Peak Number 14 8-Octadecenoic acid, methyl... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.37	390.69 ng	7413170	Phenanthrene-d10	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	8-Octadecenoic acid, methyl ester	296	C19H36O2	002345-29-1	99
2	cis-13-Octadecenoic acid, methyl...	296	C19H36O2	1000333-58-3	96
3	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	91
4	9-Octadecenoic acid, methyl este...	296	C19H36O2	001937-62-8	91
5	trans-13-Octadecenoic acid, meth...	296	C19H36O2	1000333-61-3	91





Library Search Compound Report

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Data File : BF117506.D
Acq On : 24 Oct 2019 1:37
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Sample : K5152-10 2X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-03-102219

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101819.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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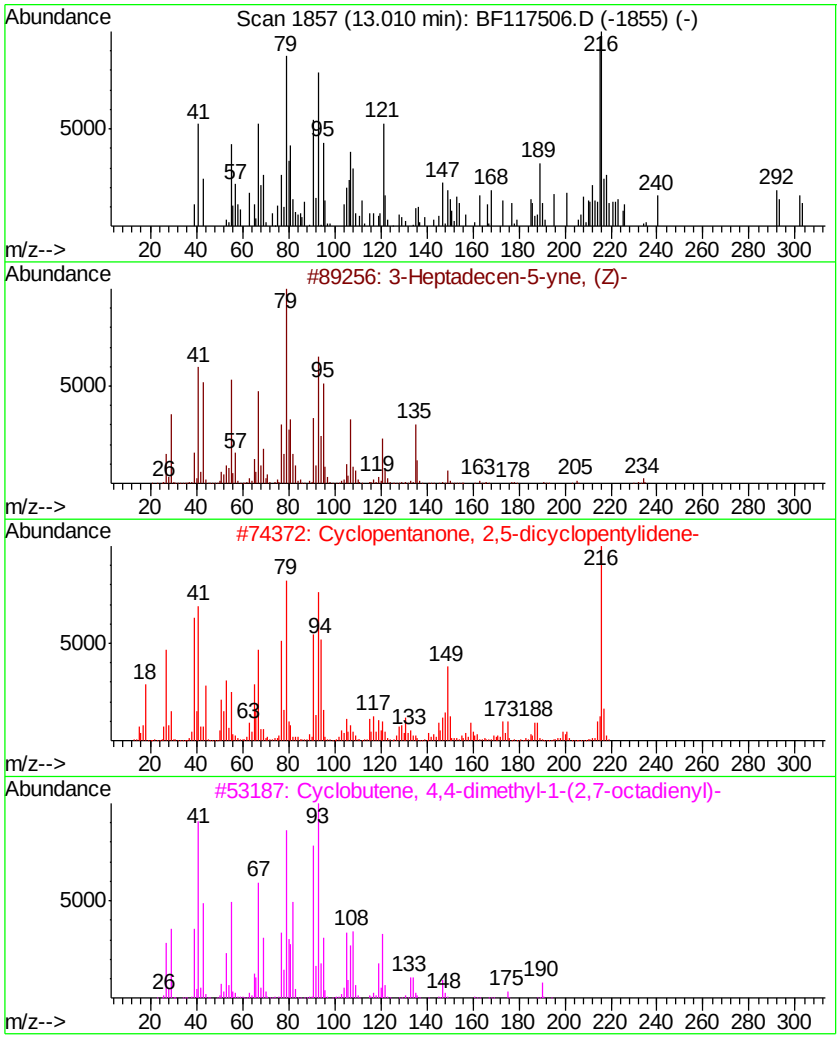
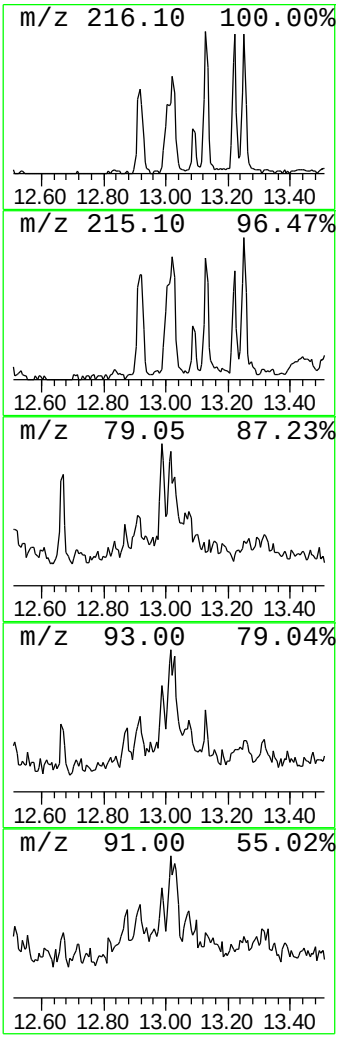
Peak Number 15 unknown13.01 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.01	6.03 ng	151865	Chrysene-d12	13.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Heptadecen-5-yne, (Z)-	234	C17H30	074744-55-1	43
2	Cyclopentanone, 2,5-dicyclopenty...	216	C15H20O	005682-82-6	43
3	Cyclobutene, 4,4-dimethyl-1-(2,7...	190	C14H22	062338-42-5	42
4	1,5-Cycloundecadiene, 9-(1-methy...	190	C14H22	062338-55-0	35
5	Bicyclo[3.1.1]heptane, 6,6-dimet...	136	C10H16	016022-04-1	30





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Operator : JU
Sample : K5152-10 2X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-03-102219

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101819.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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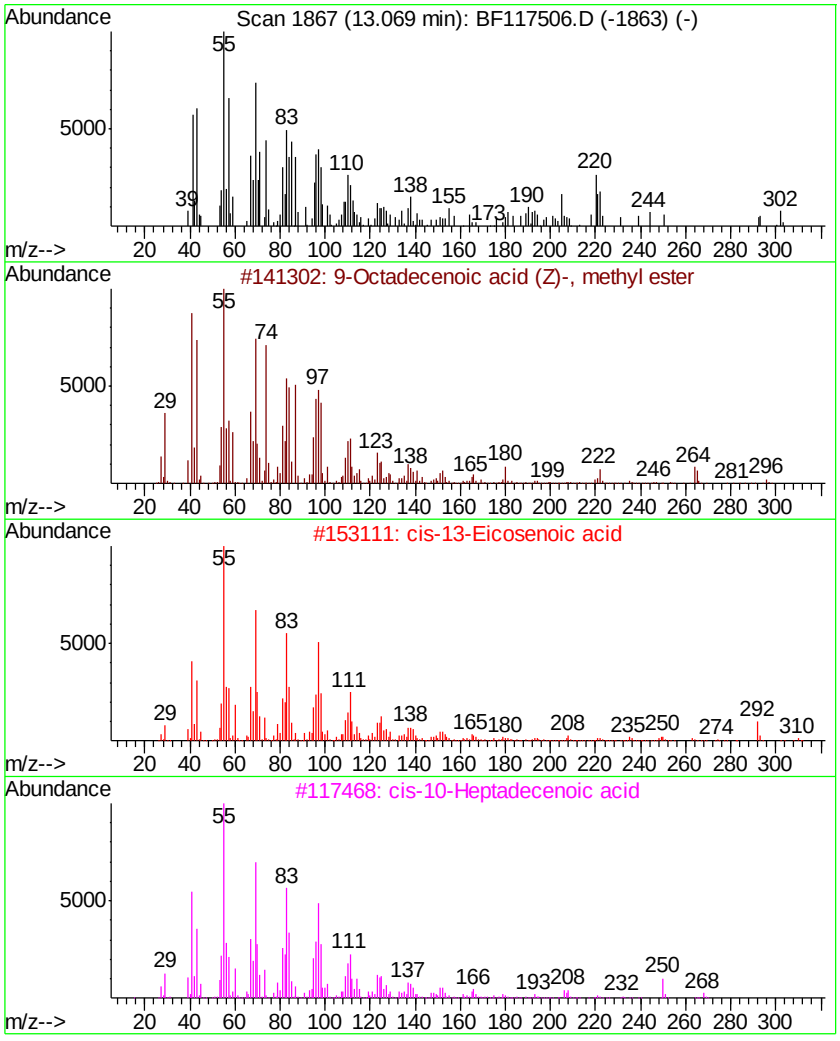
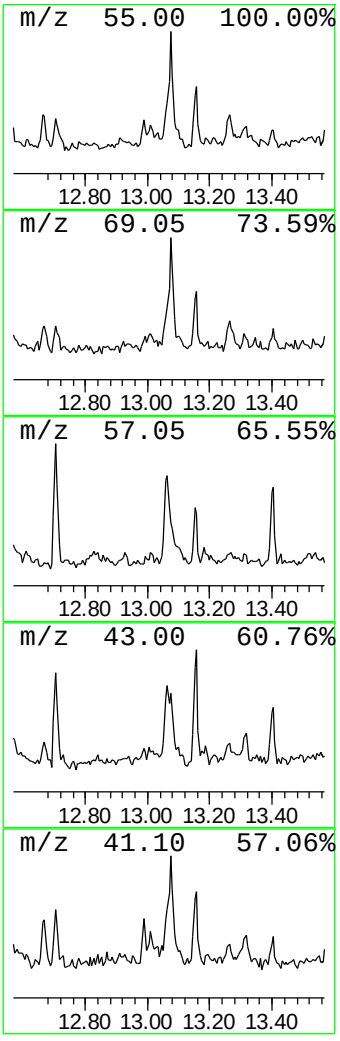
Peak Number 16 9-Octadecenoic acid (Z)-, m... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.07	9.80 ng	246786	Chrysene-d12	13.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	80
2	cis-13-Eicosenoic acid	310	C20H38O2	017735-94-3	46
3	cis-10-Heptadecenoic acid	268	C17H32O2	029743-97-3	41
4	cis-11-Eicosenoic acid	310	C20H38O2	005561-99-9	38
5	Cyclobutanone, 2-(1,1-dimethylet...	126	C8H14O	004579-31-1	30





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Sample : K5152-10 2X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-03-102219

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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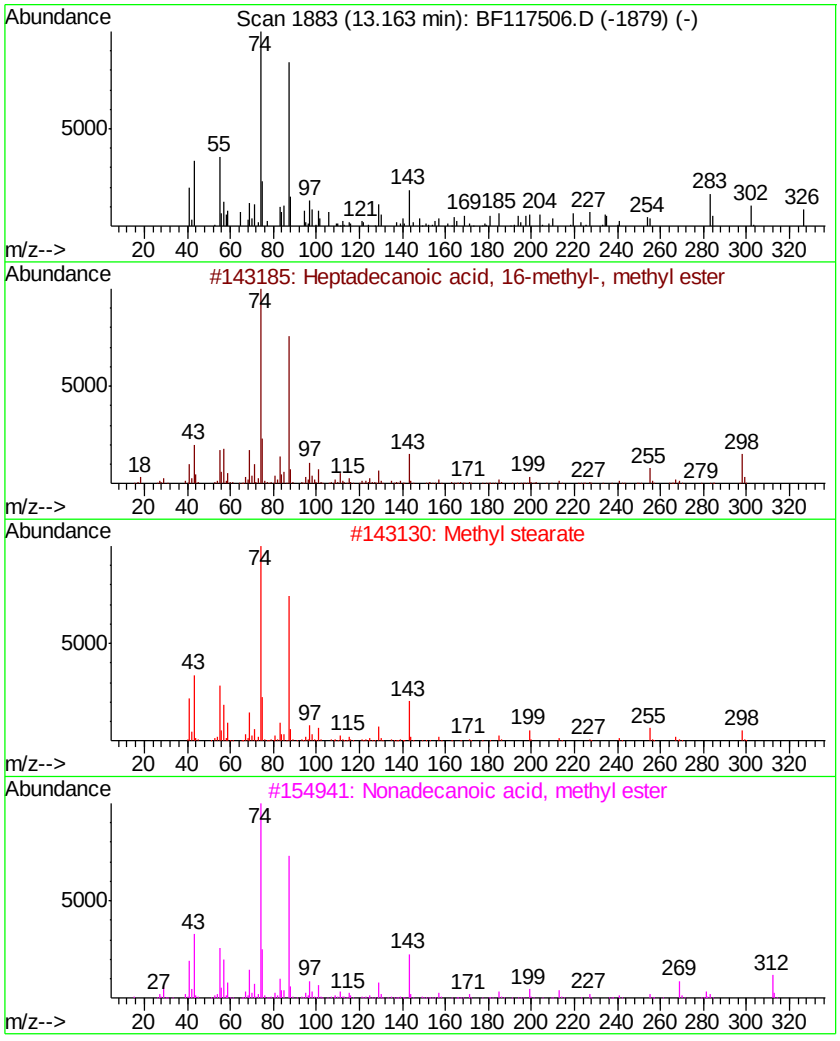
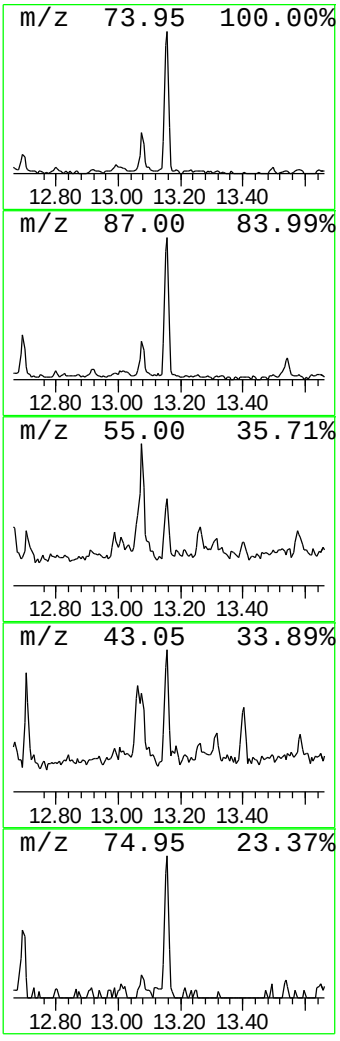
Peak Number 17 Heptadecanoic acid, 16-meth... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.16	5.19 ng	130737	Chrysene-d12	13.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	91
2	Methyl stearate	298	C19H38O2	000112-61-8	87
3	Nonadecanoic acid, methyl ester	312	C20H40O2	001731-94-8	87
4	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	87
5	Methyl 9-methyltetradecanoate	256	C16H32O2	213617-69-7	86





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Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-03-102219

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101819.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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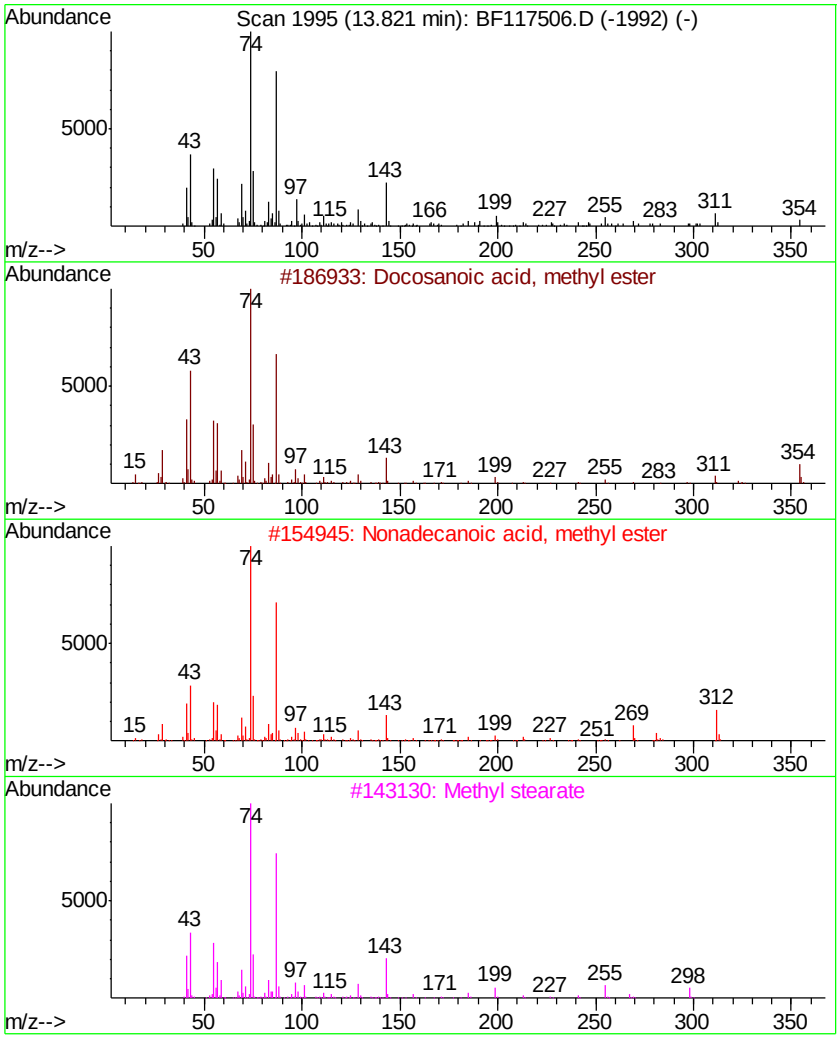
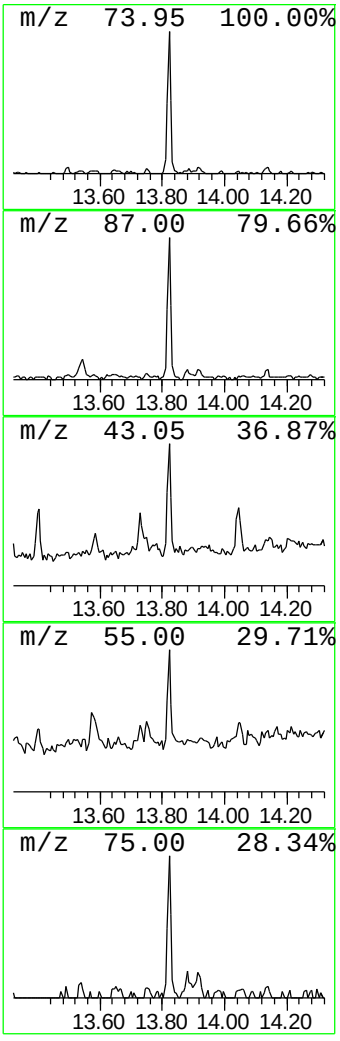
Peak Number 18 Docosanoic acid, methyl ester Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.82	5.47 ng	137675	Chrysene-d12	13.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosanoic acid, methyl ester	354	C23H46O2	000929-77-1	97
2	Nonadecanoic acid, methyl ester	312	C20H40O2	001731-94-8	94
3	Methyl stearate	298	C19H38O2	000112-61-8	93
4	Octadecanoic acid, 10-methyl-, m...	312	C20H40O2	002490-19-9	91
5	Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	80





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Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-03-102219

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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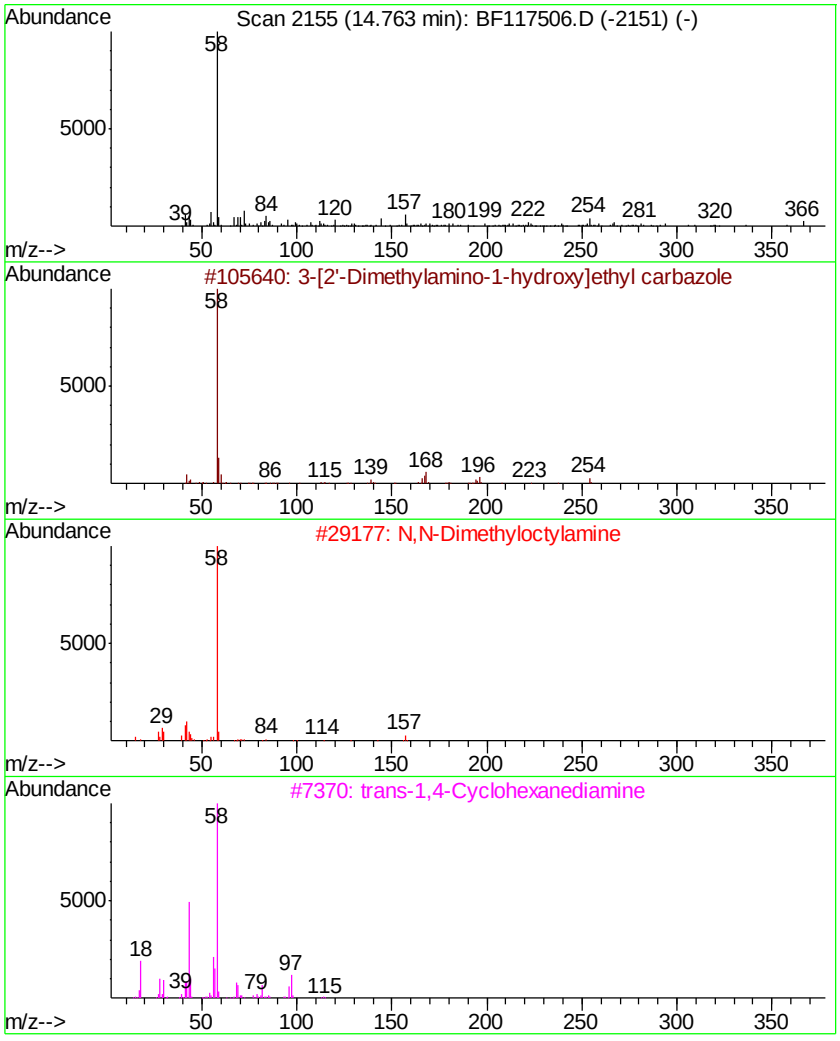
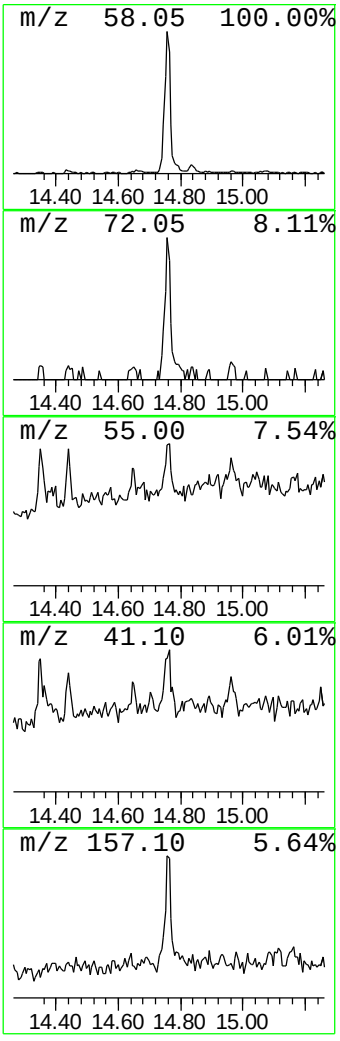
Peak Number 19 3-[2'-Dimethylamino-1-hydro... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.76	13.14 ng	155453	Perylene-d12	15.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-[2'-Dimethylamino-1-hydroxylet...	254	C16H18N2O	1000253-75-3	72
2	N,N-Dimethyloctylamine	157	C10H23N	007378-99-6	59
3	trans-1,4-Cyclohexanediamine	114	C6H14N2	003114-70-3	59
4	Meclofenoxate	257	C12H16ClNO3	000051-68-3	59
5	4-Pentenylamine, N,N-dimethyl-	113	C7H15N	001001-91-8	59





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Misc :
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Instrument : BNA_F
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101819.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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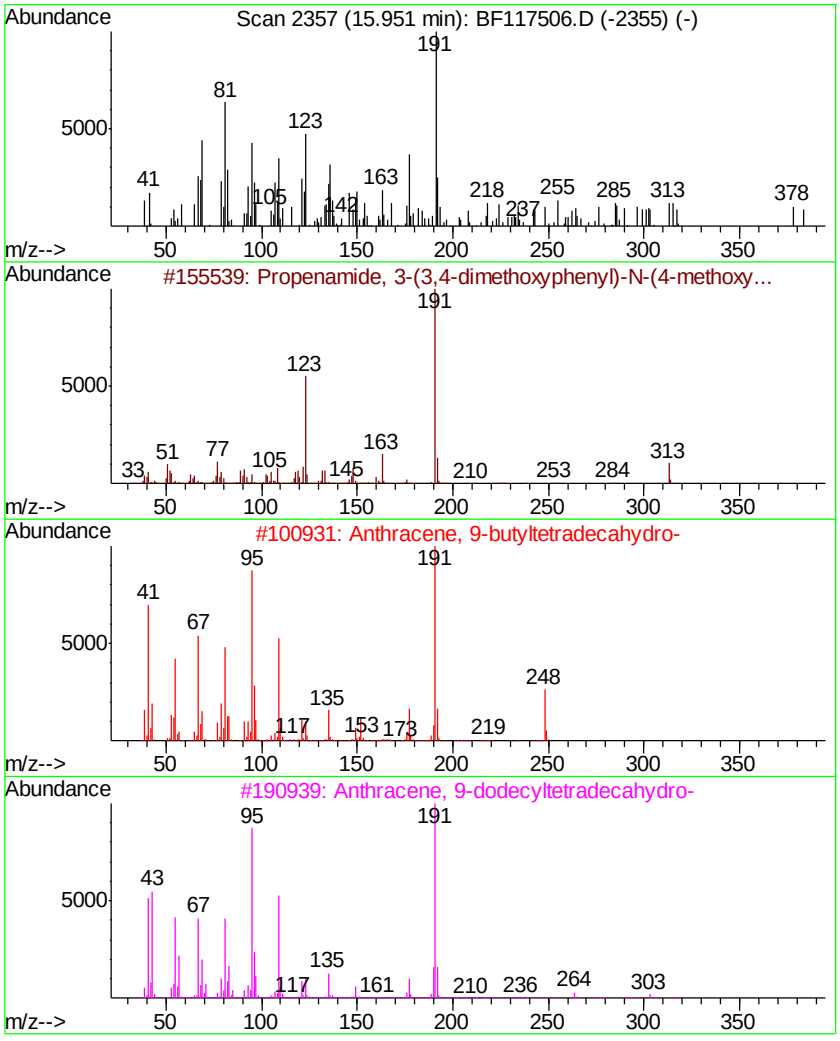
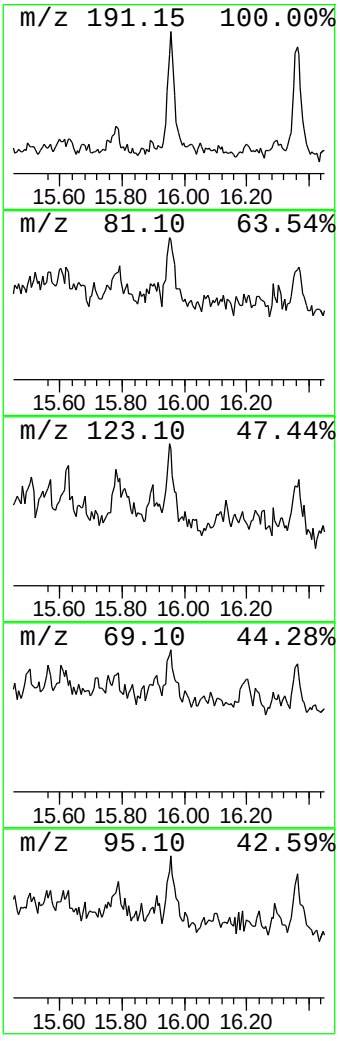
Peak Number 20 unknown15.95 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.95	10.40 ng	123078	Perylene-d12	15.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propenamide, 3-(3,4-dimethoxyphe...	313	C18H19NO4	339165-72-9	46
2	Anthracene, 9-butyltetradecahydro-	248	C18H32	055133-89-6	43
3	Anthracene, 9-dodecyltetradecahy...	360	C26H48	055401-75-7	43
4	2H-1,2,3-Triazole-4-carboxaldehy...	191	C9H6FN3O	051306-43-5	38
5	Anthracene, 9-butyl-	234	C18H18	001498-69-7	30





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF102319\
Data File : BF117506.D
Acq On : 24 Oct 2019 1:37
Operator : JU
Sample : K5152-10 2X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-03-102219

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101819.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
unknown6.50	6.50	37.9	ng	445282	1	6.73	234938	20.0
Dodecane	10.19	5.4	ng	102883	3	9.76	383777	20.0
Tetradecane	10.67	10.8	ng	204221	4	11.25	379487	20.0
Tetracosane	11.12	6.0	ng	113666	4	11.25	379487	20.0
unknown11.15	11.15	5.2	ng	98869	4	11.25	379487	20.0
Heneicosane	11.54	5.9	ng	112388	4	11.25	379487	20.0
Hexadecanoic acid...	11.65	103.8	ng	1970280	4	11.25	379487	20.0
Phenanthrene, 1-m...	11.75	5.9	ng	112017	4	11.25	379487	20.0
Anthracene, 2-met...	11.78	10.7	ng	202706	4	11.25	379487	20.0
Anthracene, 1-met...	11.86	7.7	ng	146089	4	11.25	379487	20.0
Pentadecane	11.95	5.9	ng	112621	4	11.25	379487	20.0
9,12-Octadecadien...	12.33	238.6	ng	4527910	4	11.25	379487	20.0
8-Octadecenoic ac...	12.37	390.7	ng	7413170	4	11.25	379487	20.0
unknown13.01	13.01	6.0	ng	151865	5	13.89	503745	20.0
9-Octadecenoic ac...	13.07	9.8	ng	246786	5	13.89	503745	20.0
Heptadecanoic aci...	13.16	5.2	ng	130737	5	13.89	503745	20.0
Docosanoic acid, ...	13.82	5.5	ng	137675	5	13.89	503745	20.0
3-[2'-Dimethylami...	14.76	13.1	ng	155453	6	15.33	236651	20.0
unknown15.95	15.95	10.4	ng	123078	6	15.33	236651	20.0