LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041919\
Data File : BF113859.D
Acq On : 19 Apr 2019 15:37
Operator : JU/SJ
Sample : K2201-07 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-01-041819-D

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-BF041819.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	2.187	15	17	32	rVB2	38816	81151	2.54%	0.214%
2	5.516	579	583	587	rBV	1676748	1494067	46.78%	3.948%
3	6.516	749	753	765	rBV	1661272	1511846	47.34%	3.995%
4	6.669	775	779	782	rBV	1825899	1568524	49.11%	4.145%
5	6.898	815	818	822	rBV	1194535	1040863	32.59%	2.750%
6	7.057	841	845	848	rBV	1558753	1235192	38.67%	3.264%
7	7.451	908	912	916	rBV	1064144	864597	27.07%	2.285%
8	8.181	1032	1036	1040	rBV	1504919	1240602	38.84%	3.278%
9	9.257	1215	1219	1222	rBV	1991064	1583676	49.59%	4.185%
10	9.345	1230	1234	1238	rBV2	59255	63531	1.99%	0.168%
11	9.645	1283	1285	1290	rBV	147042	148527	4.65%	0.392%
12	9.798	1307	1311	1316	rBV	167507	153119	4.79%	0.405%
13	9.875	1316	1324	1328	rBV	108788	104955	3.29%	0.277%
14	9.939	1331	1335	1338	rVB	1371094	1194879	37.41%	3.157%
15	10.198	1374	1379	1383	rVB5	30252	47543	1.49%	0.126%
16	10.375	1403	1409	1411	rBV	157795	144777	4.53%	0.383%
17	10.480	1424	1427	1429	rBV2	57347	54544	1.71%	0.144%
18	10.598	1441	1447	1451	rBV	81572	129767	4.06%	0.343%
19	10.722	1464	1468	1472	rBV	1029055	878493	27.51%	2.321%
20	10.845	1486	1489	1497	rVB	202783	239226	7.49%	0.632%
21	11.304	1564	1567	1569	rBV	179290	140782	4.41%	0.372%
22	11.333	1569	1572	1578	rVB2	88711	114882	3.60%	0.304%
23	11.433	1585	1589	1591	rBV	1448480	1202319	37.65%	3.177%
24	11.457	1591	1593	1596	rVV	434345	339179	10.62%	0.896%
25	11.510	1599	1602	1606	rVB	185080	154181	4.83%	0.407%
26	11.745	1639	1642	1645	rBV	175384	150591	4.72%	0.398%
27	11.775	1645	1647	1650	rVB3	50965	53930	1.69%	0.143%
28	11.851	1656	1660	1663	rBV	1179816	988037	30.94%	2.611%
29	11.963	1676	1679	1681	rBV	82621	84819	2.66%	0.224%
30	11.992	1681	1684	1688	rVV	364743	374904	11.74%	0.991%
31	12.039	1690	1692	1695	rVV	70965	69918	2.19%	0.185%
32	12.080	1695	1699	1702	rVV2	204404	248976	7.80%	0.658%
33	12.104	1702	1703	1709	rVB	89204	74075	2.32%	0.196%
34	12.186	1714	1717	1720	rVV	126356	107424	3.36%	0.284%

LSC Area Percent Report

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Acq On : 19 Apr 2019 15:37
Operator : JU/SJ
Sample : K2201-07 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-01-041819-D

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-BF041819.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.280	1731	1733	1735	rBV	59905	54563	1.71%	0.144%
36	12.427	1755	1758	1760	rBV	36870	44128	1.38%	0.117%
37	12.504	1769	1771	1774	rVB2	56248	51128	1.60%	0.135%
38	12.563	1778	1781	1784	rBV	102261	108586	3.40%	0.287%
39	12.610	1784	1789	1791	rBV	2803991	3028720	94.83%	8.003%
40	12.633	1791	1793	1796	rVB	3819987	3193816	100.00%	8.440%
41	12.745	1806	1812	1816	rBV2	1131517	1580958	49.50%	4.178%
42	12.780	1816	1818	1828	rVV4	318189	539315	16.89%	1.425%
43	12.851	1828	1830	1832	rVV	75017	87453	2.74%	0.231%
44	12.874	1832	1834	1840	rVB5	106145	123835	3.88%	0.327%
45	13.010	1851	1857	1861	rBV	1079811	1241458	38.87%	3.281%
46	13.057	1863	1865	1868	rVB2	98641	90535	2.83%	0.239%
47	13.151	1878	1881	1883	rBV	79722	83406	2.61%	0.220%
48	13.186	1883	1887	1891	rVV	1667717	1683197	52.70%	4.448%
49	13.374	1917	1919	1920	rBV2	72369	60893	1.91%	0.161%
50	13.404	1921	1924	1929	rVB	202054	242985	7.61%	0.642%
51	13.486	1935	1938	1943	rBV2	206582	336085	10.52%	0.888%
52	13.533	1943	1946	1948	rVB2	111741	117648	3.68%	0.311%
53	13.610	1956	1959	1961	rBV	113226	99283	3.11%	0.262%
54	13.645	1962	1965	1968	rVB	93609	86056	2.69%	0.227%
55	13.680	1969	1971	1978	rVB	93960	115046	3.60%	0.304%
56	13.933	2011	2014	2017	rVB	135560	153049	4.79%	0.404%
57	14.374	2086	2089	2093	rVB2	101311	106960	3.35%	0.283%
58	14.516	2107	2113	2116	rBV2	1333994	2326155	72.83%	6.147%
59	14.545	2116	2118	2122	rVB2	1065064	1239586	38.81%	3.276%
60	14.816	2161	2164	2168	rVB3	132721	142448	4.46%	0.376%
61	15.257	2236	2239	2245	rVB2	168810	218469	6.84%	0.577%
62	15.704	2312	2315	2318	rVB2	169066	186843	5.85%	0.494%
63	15.939	2351	2355	2358	rBV	403529	626878	19.63%	1.657%
64	16.151	2388	2391	2394	rBV	152579	184886	5.79%	0.489%
65	16.298	2413	2416	2420	rVB	237663	280017	8.77%	0.740%
66	16.368	2425	2428	2433	rVB	382720	466894	14.62%	1.234%
67	16.445	2436	2441	2444	rBV	770472	1058053	33.13%	2.796%

Sum of corrected areas: 37843228

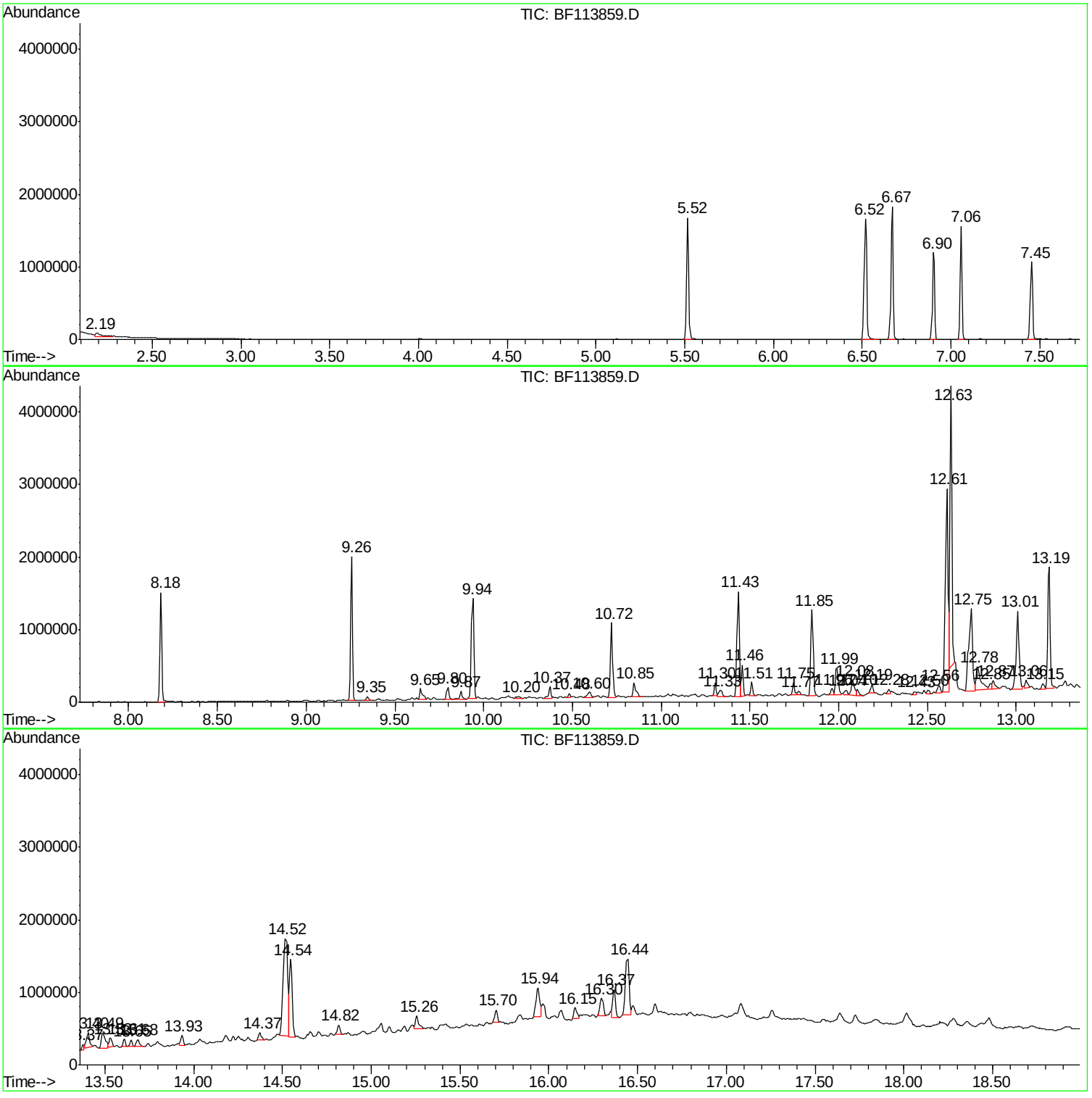
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041919\
Data File : BF113859.D
Acq On : 19 Apr 2019 15:37
Operator : JU/SJ
Sample : K2201-07 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-01-041819-D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041819.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\BF041919\
Data File : BF113859.D
Acq On : 19 Apr 2019 15:37
Operator : JU/SJ
Sample : K2201-07 2X
Misc :
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Instrument : BNA_F
ClientSampleId : PL-01-041819-D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041819.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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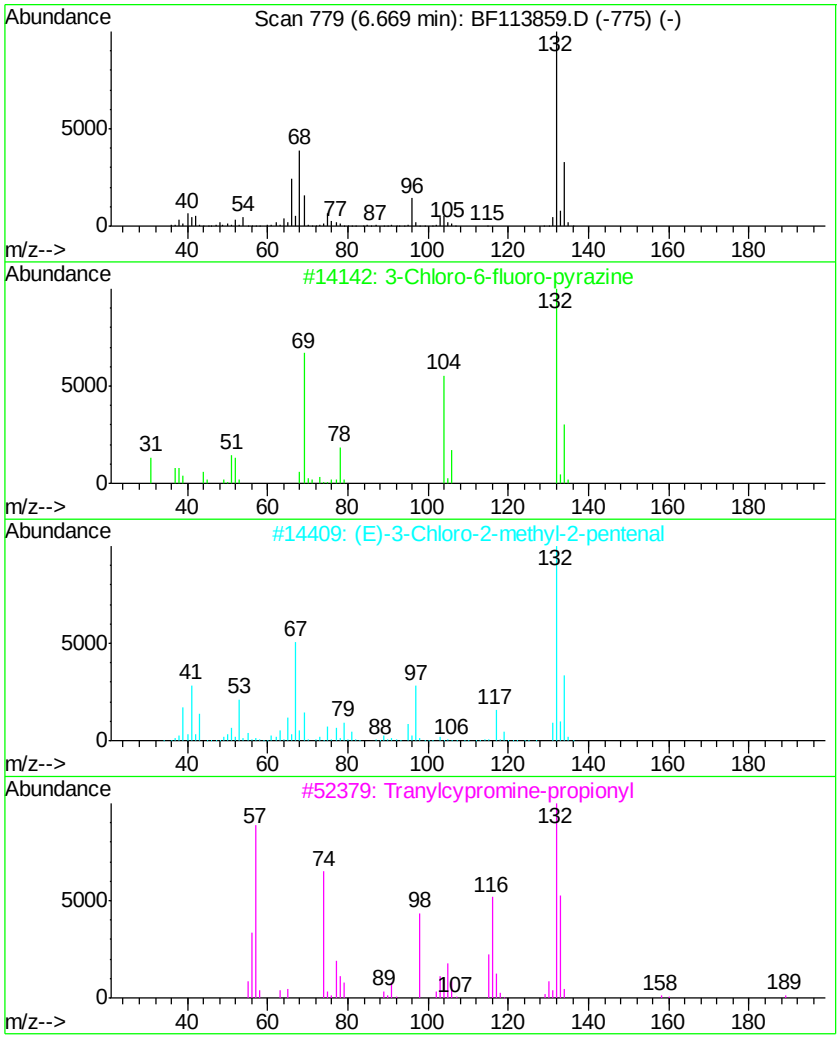
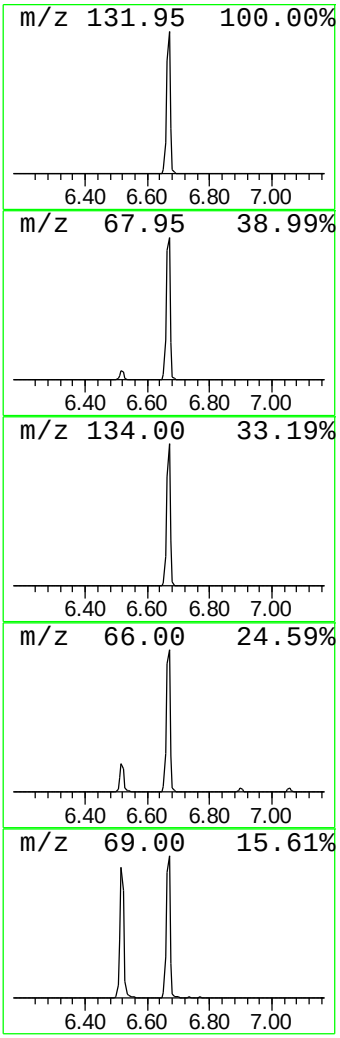
Peak Number 1 unknown6.67 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.67	30.14 ng	1568520	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	16
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	9
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041919\
Data File : BF113859.D
Acq On : 19 Apr 2019 15:37
Operator : JU/SJ
Sample : K2201-07 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-01-041819-D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041819.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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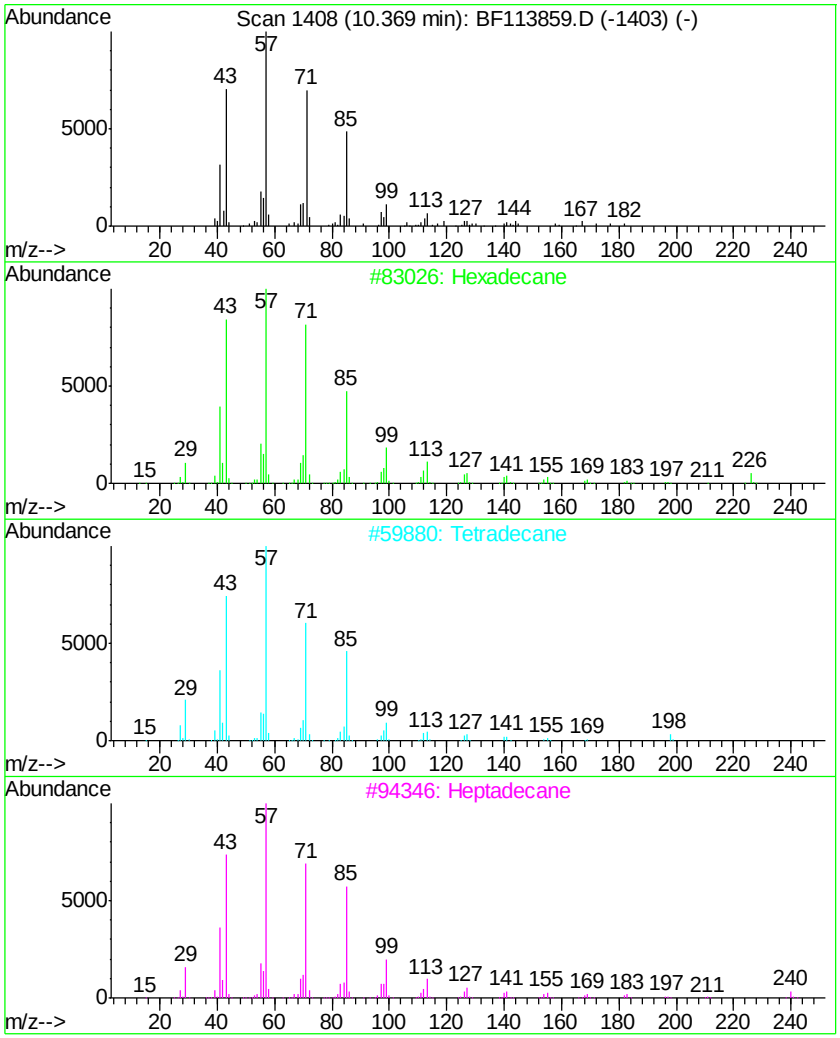
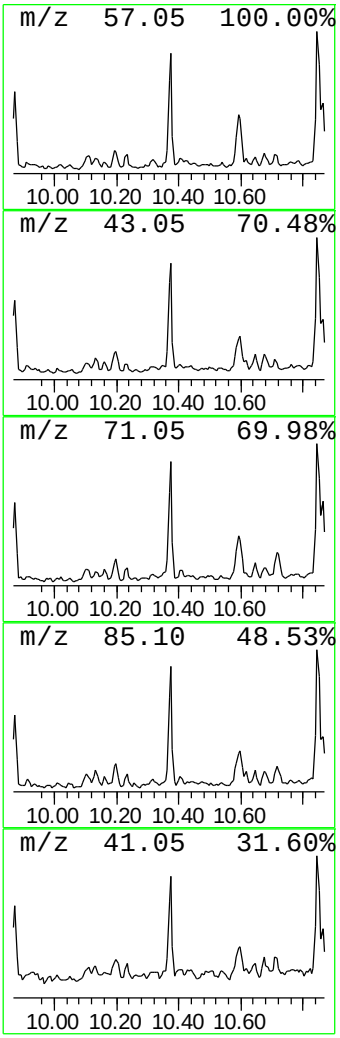
Peak Number 3 Hexadecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.37	2.42 ng	144777	Acenaphthene-d10	9.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	96
2	Tetradecane	198	C14H30	000629-59-4	91
3	Heptadecane	240	C17H36	000629-78-7	91
4	Pentadecane	212	C15H32	000629-62-9	72
5	Sulfurous acid, hexyl pentyl ester	236	C11H24O3S	1000309-14-1	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041919\
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Acq On : 19 Apr 2019 15:37
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Sample : K2201-07 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-01-041819-D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

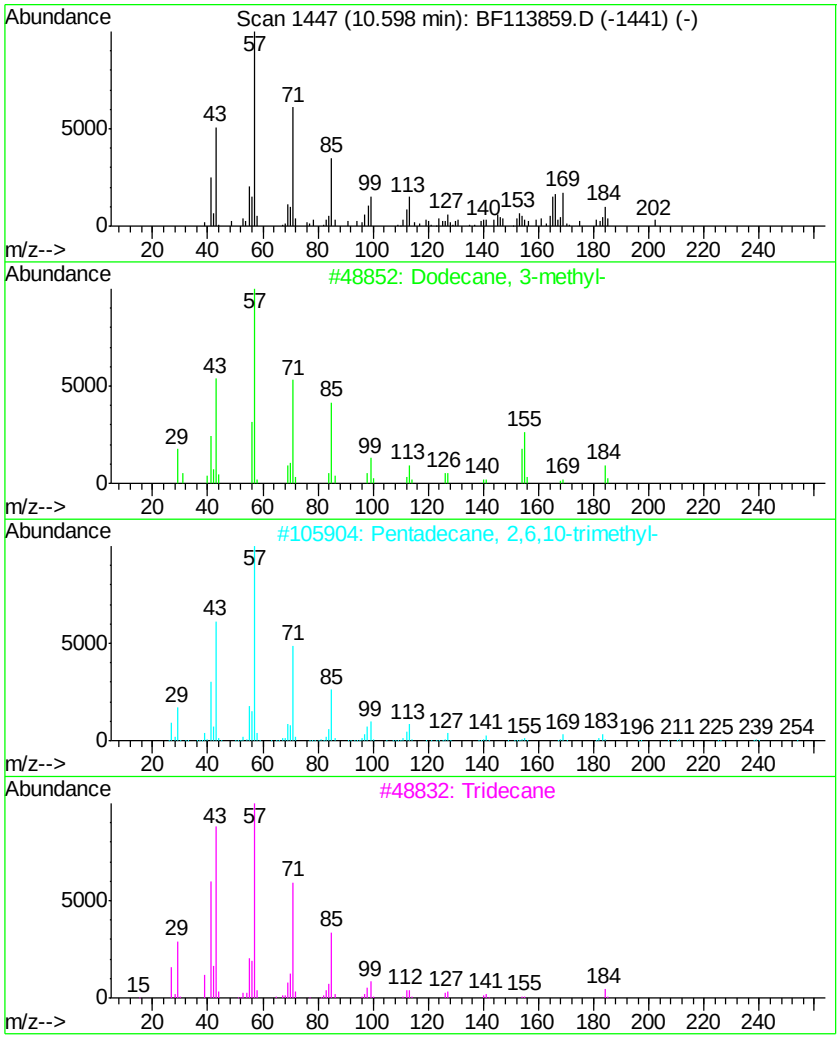
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

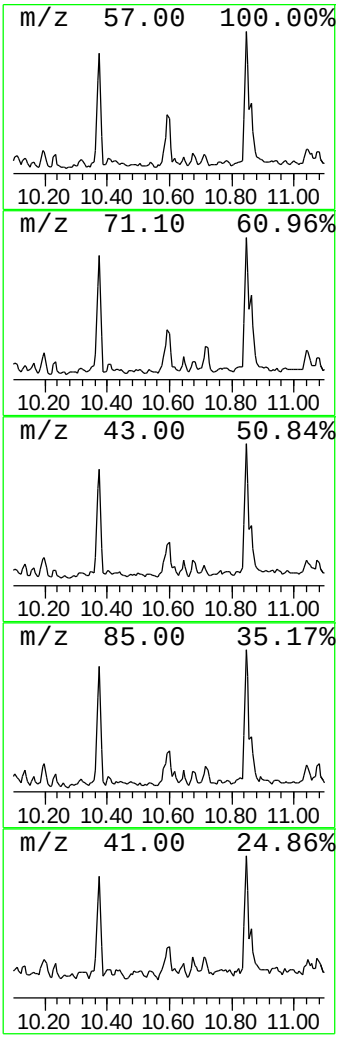
****

Peak Number 4 Dodecane, 3-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.60	2.17 ng	129767	Acenaphthene-d10	9.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 3-methyl-	184	C13H28	017312-57-1	76
2	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	68
3	Tridecane	184	C13H28	000629-50-5	64
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	58
5	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	52





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041919\
Data File : BF113859.D
Acq On : 19 Apr 2019 15:37
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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-01-041819-D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041819.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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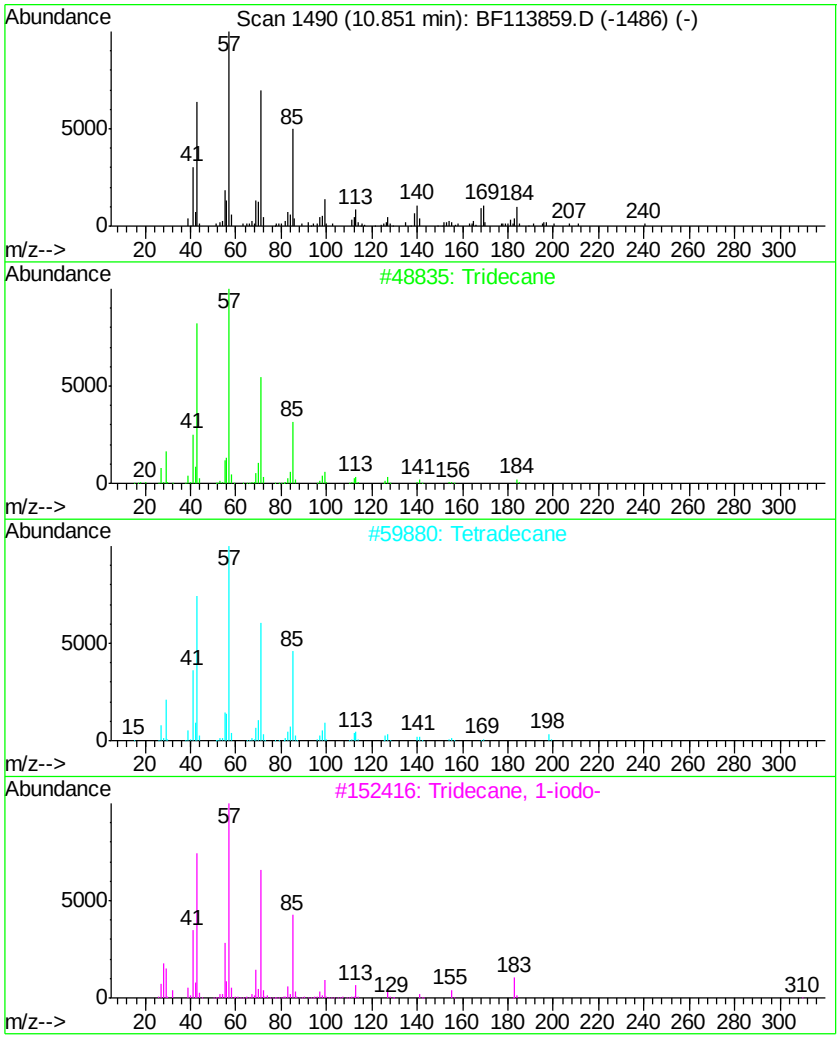
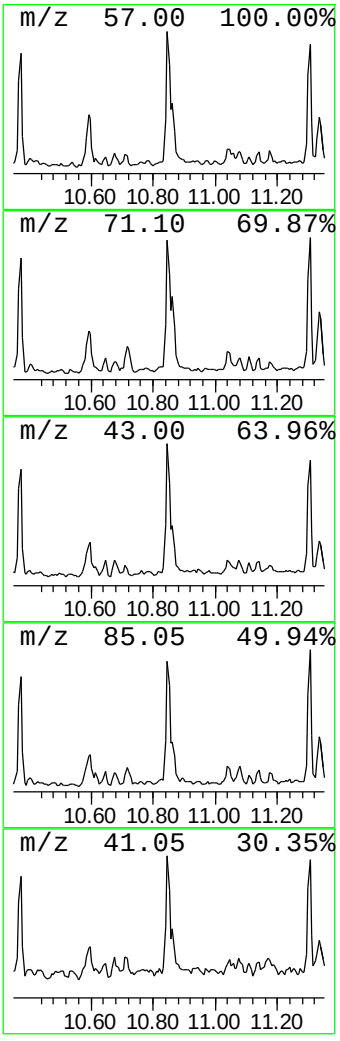
Peak Number 5 Tridecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.85	3.98 ng	239226	Phenanthrene-d10	11.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	90
2	Tetradecane	198	C14H30	000629-59-4	83
3	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	83
4	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80
5	Octadecane	254	C18H38	000593-45-3	80





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Data File : BF113859.D
Acq On : 19 Apr 2019 15:37
Operator : JU/SJ
Sample : K2201-07 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-01-041819-D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041819.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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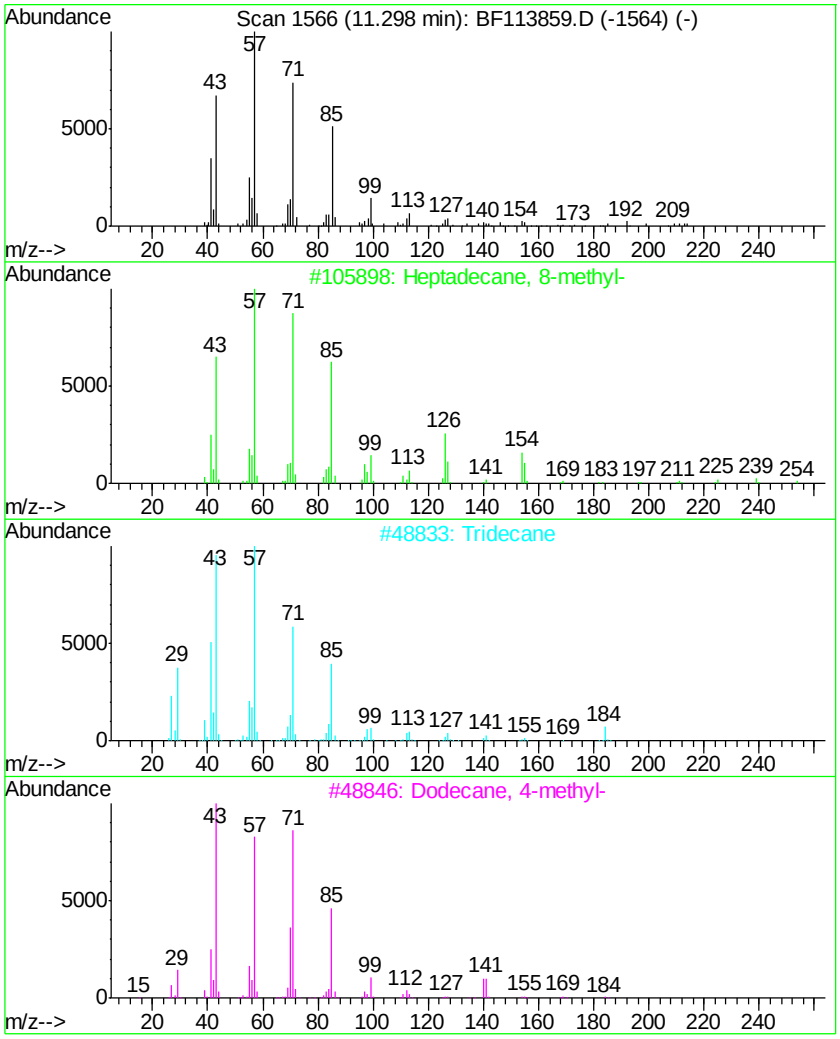
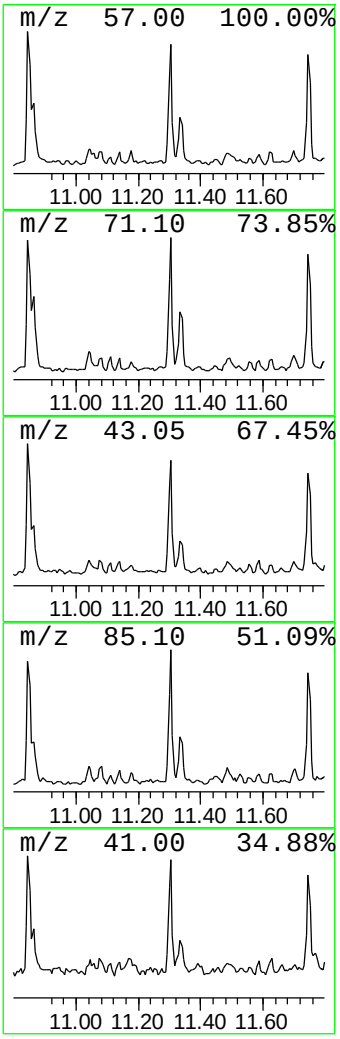
Peak Number 6 Heptadecane, 8-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.30	2.34 ng	140782	Phenanthrene-d10	11.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 8-methyl-	254	C18H38	013287-23-5	91
2	Tridecane	184	C13H28	000629-50-5	90
3	Dodecane, 4-methyl-	184	C13H28	006117-97-1	83
4	Undecane, 6-ethyl-	184	C13H28	017312-60-6	76
5	Heptadecane, 2-methyl-	254	C18H38	001560-89-0	74





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041919\
Data File : BF113859.D
Acq On : 19 Apr 2019 15:37
Operator : JU/SJ
Sample : K2201-07 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-01-041819-D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

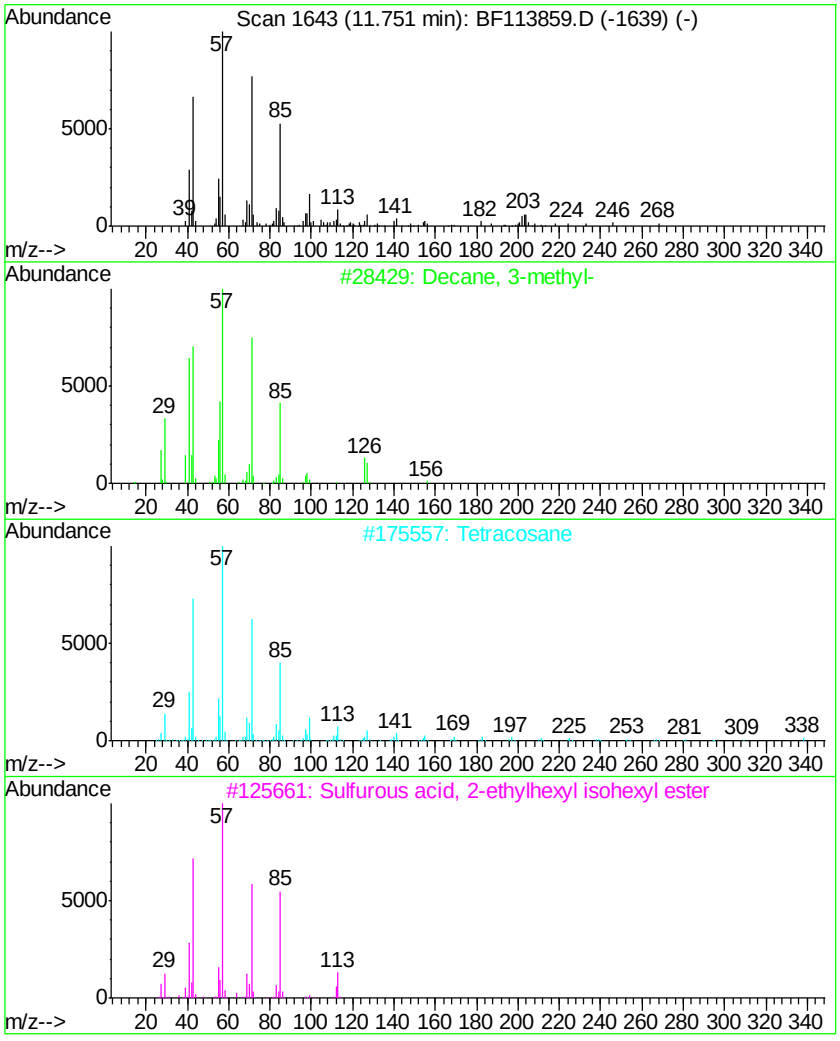
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

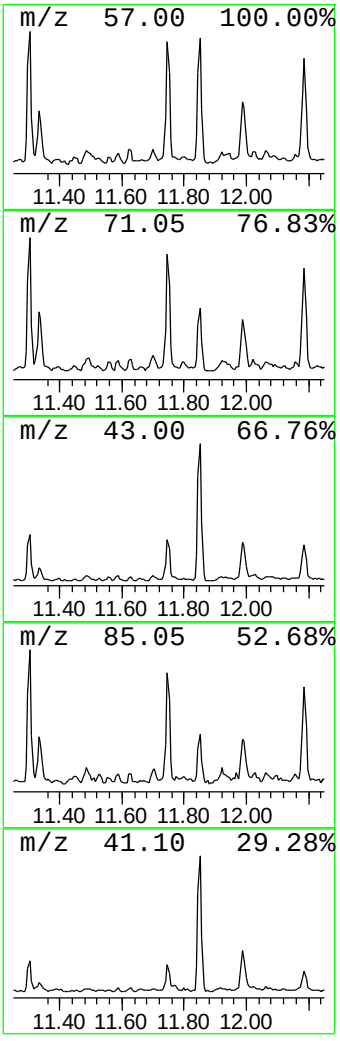
****

Peak Number 7 Decane, 3-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.75	2.51 ng	150591	Phenanthrene-d10	11.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 3-methyl-	156	C11H24	013151-34-3	68
2	Tetracosane	338	C24H50	000646-31-1	68
3	Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	64
4	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	64
5	Hexadecane	226	C16H34	000544-76-3	64





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041919\
Data File : BF113859.D
Acq On : 19 Apr 2019 15:37
Operator : JU/SJ
Sample : K2201-07 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-01-041819-D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

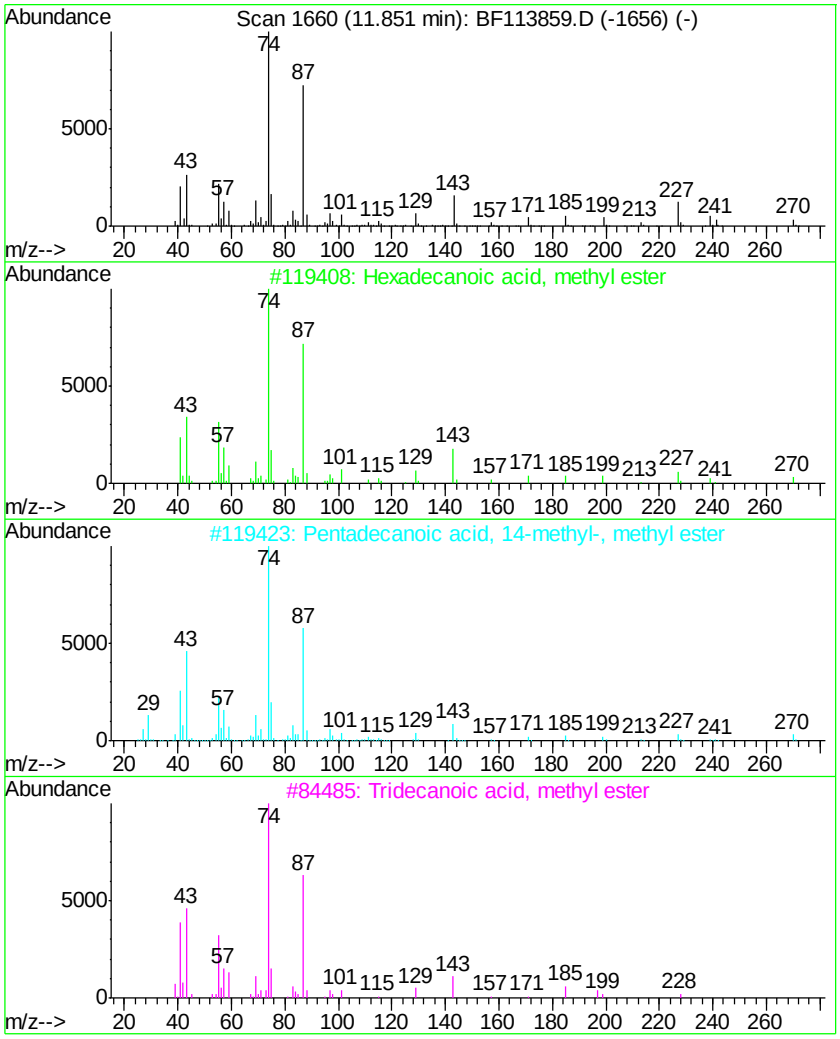
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

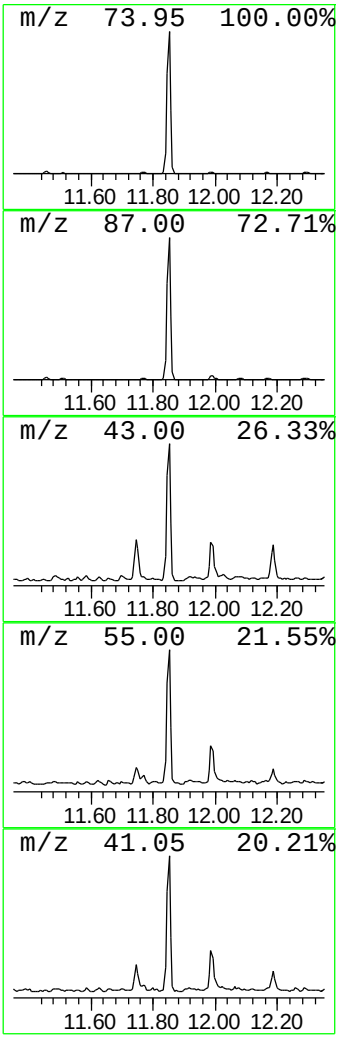
****

Peak Number 8 Hexadecanoic acid, methyl e... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.85	16.44 ng	988037	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	93
3	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	81
4	Hexadecanoic acid, 2-methyl-	270	C17H34O2	027147-71-3	80
5	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	72





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Data File : BF113859.D
Acq On : 19 Apr 2019 15:37
Operator : JU/SJ
Sample : K2201-07 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-01-041819-D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041819.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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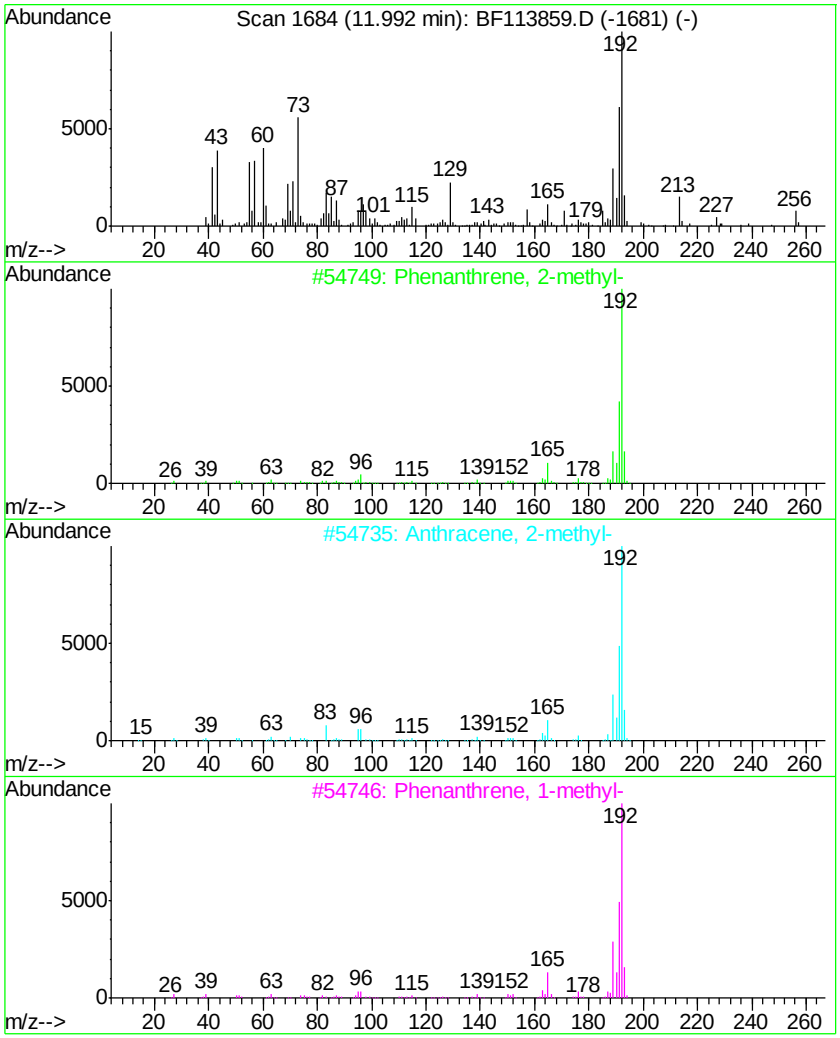
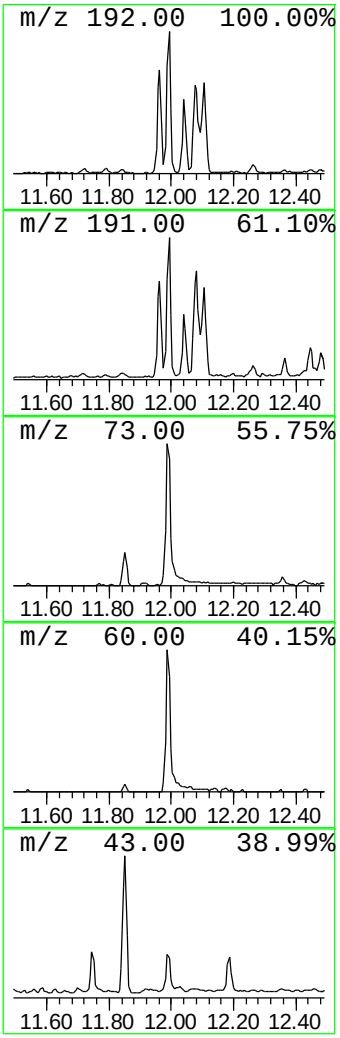
Peak Number 9 Phenanthrene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.99	6.24 ng	374904	Phenanthrene-d10	11.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
4	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	91
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90





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Sample : K2201-07 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-01-041819-D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

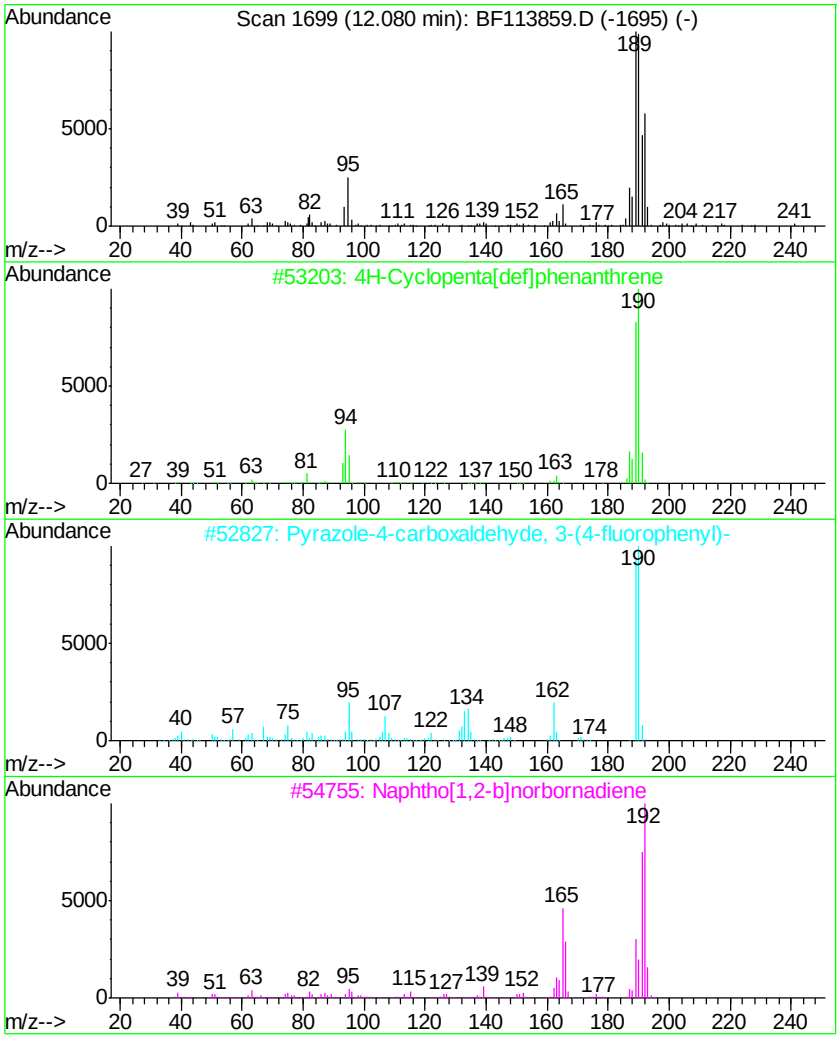
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

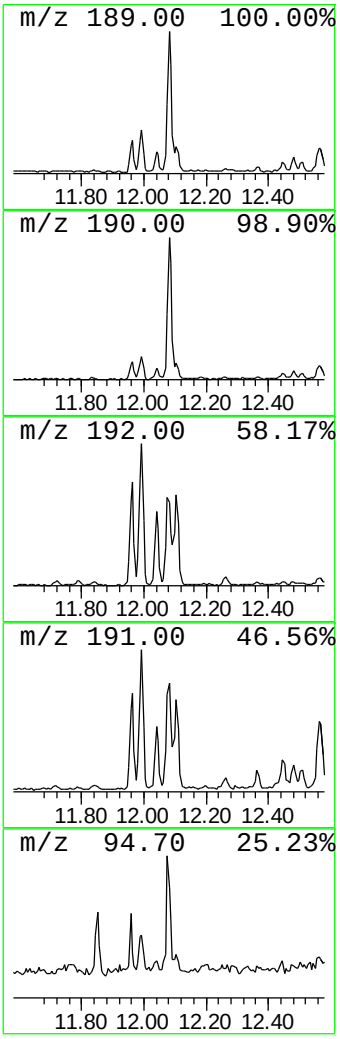
****

Peak Number 10 4H-Cyclopenta[def]phenanthrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.08	4.14 ng	248976	Phenanthrene-d10	11.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2	Pyrazole-4-carboxaldehyde, 3-(4-...	190	C10H7FN2O	306936-57-2	46
3	Naphtho[1,2-b]norbornadiene	192	C15H12	1000210-14-8	38
4	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	38
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	30





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Sample : K2201-07 2X
Misc :
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Instrument : BNA_F
ClientSampleId : PL-01-041819-D

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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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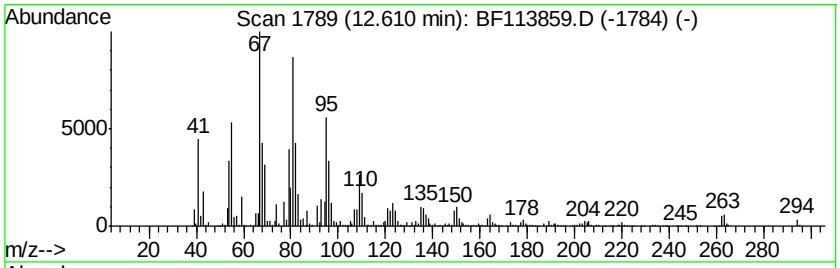
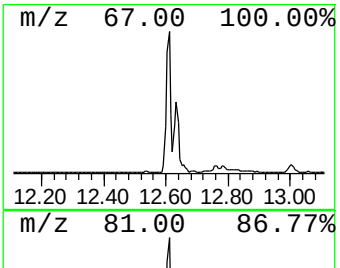
Peak Number 11 9,12-Octadecadienoic acid, ... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.61	50.38 ng	3028720	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	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	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





Library Search Compound Report

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Data File : BF113859.D
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Sample : K2201-07 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-01-041819-D

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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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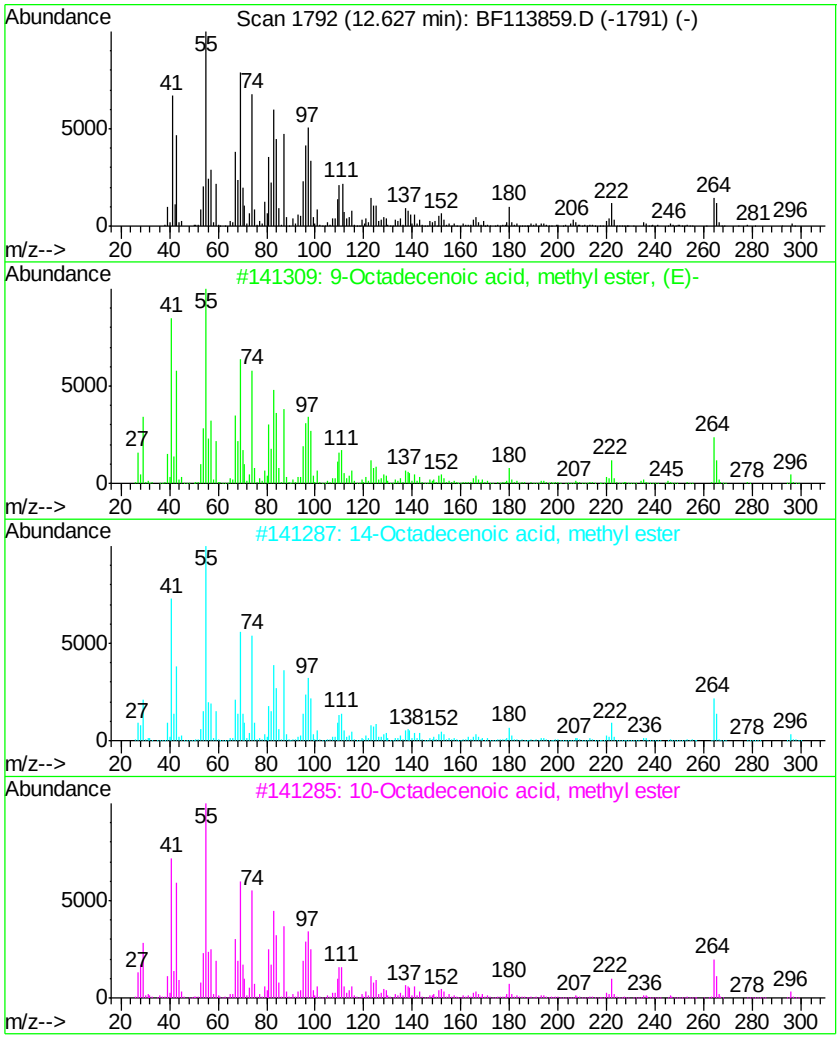
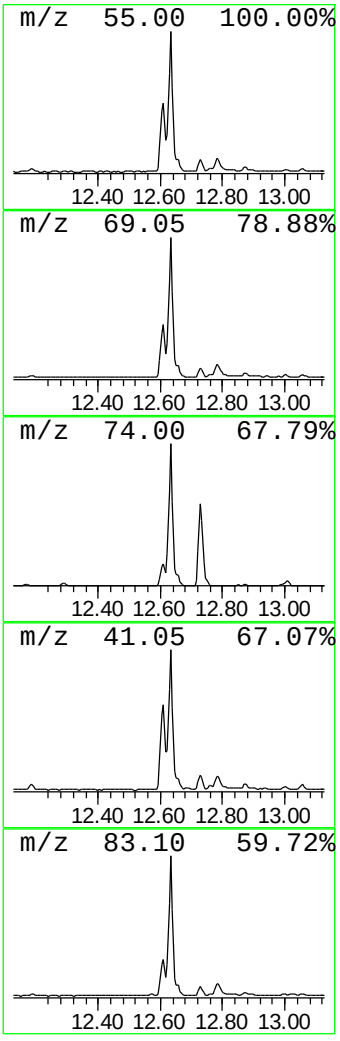
Peak Number 12 9-Octadecenoic acid, methyl... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.63	53.13 ng	3193820	Phenanthrene-d10	11.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid, methyl este...	296	C19H36O2	001937-62-8	99
2	14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	99
3	10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	99
4	15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	99
5	11-Octadecenoic acid, methyl est...	296	C19H36O2	001937-63-9	99





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Sample : K2201-07 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-01-041819-D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041819.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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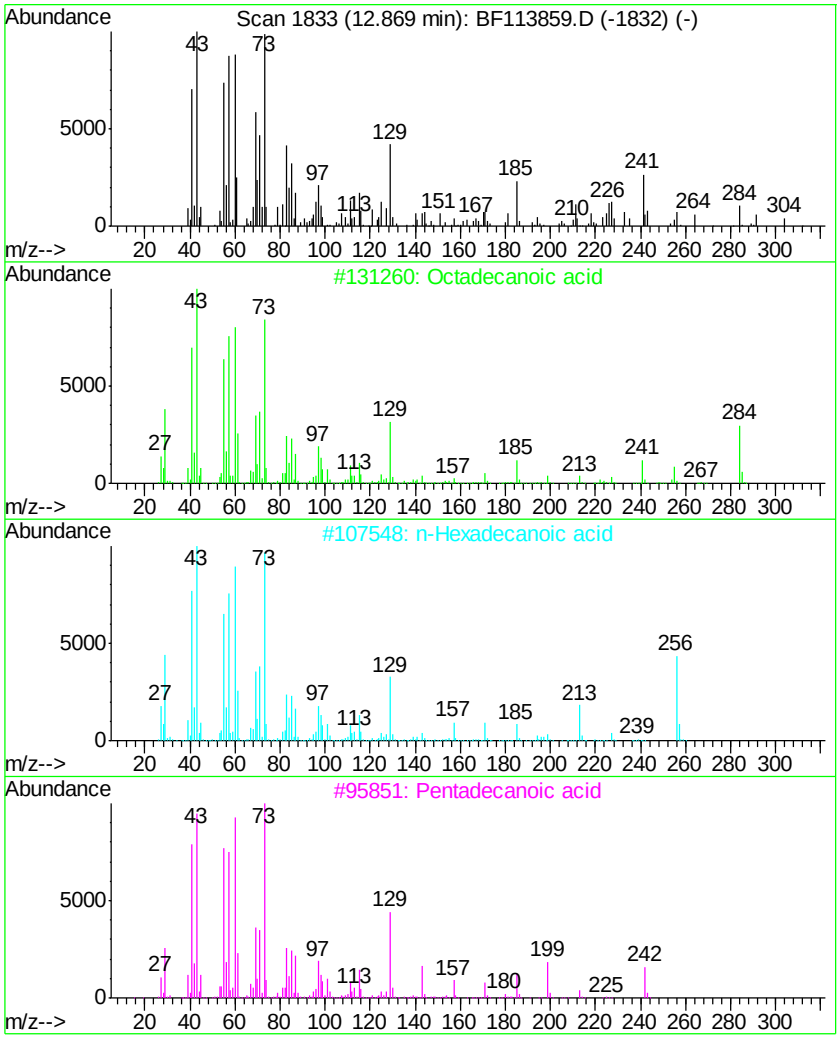
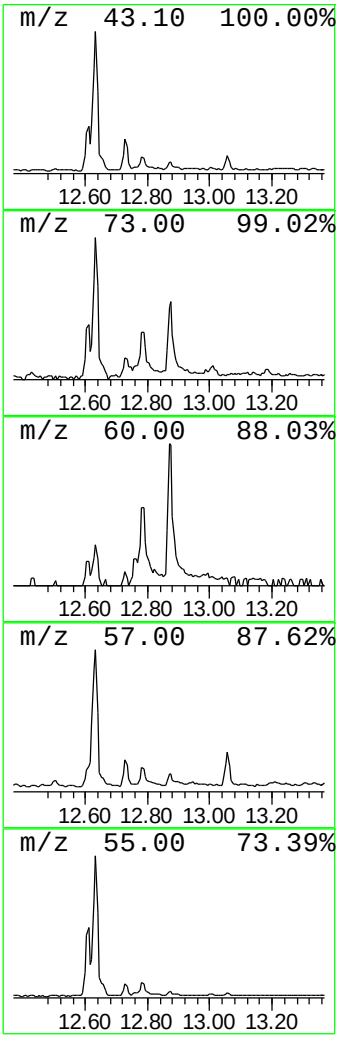
Peak Number 13 Octadecanoic acid Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.87	2.06 ng	123835	Phenanthrene-d10	11.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	94
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	86
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	70
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	58
5	Tridecanoic acid	214	C13H26O2	000638-53-9	52





Library Search Compound Report

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Sample : K2201-07 2X
Misc :
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Instrument : BNA_F
ClientSampleId : PL-01-041819-D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041819.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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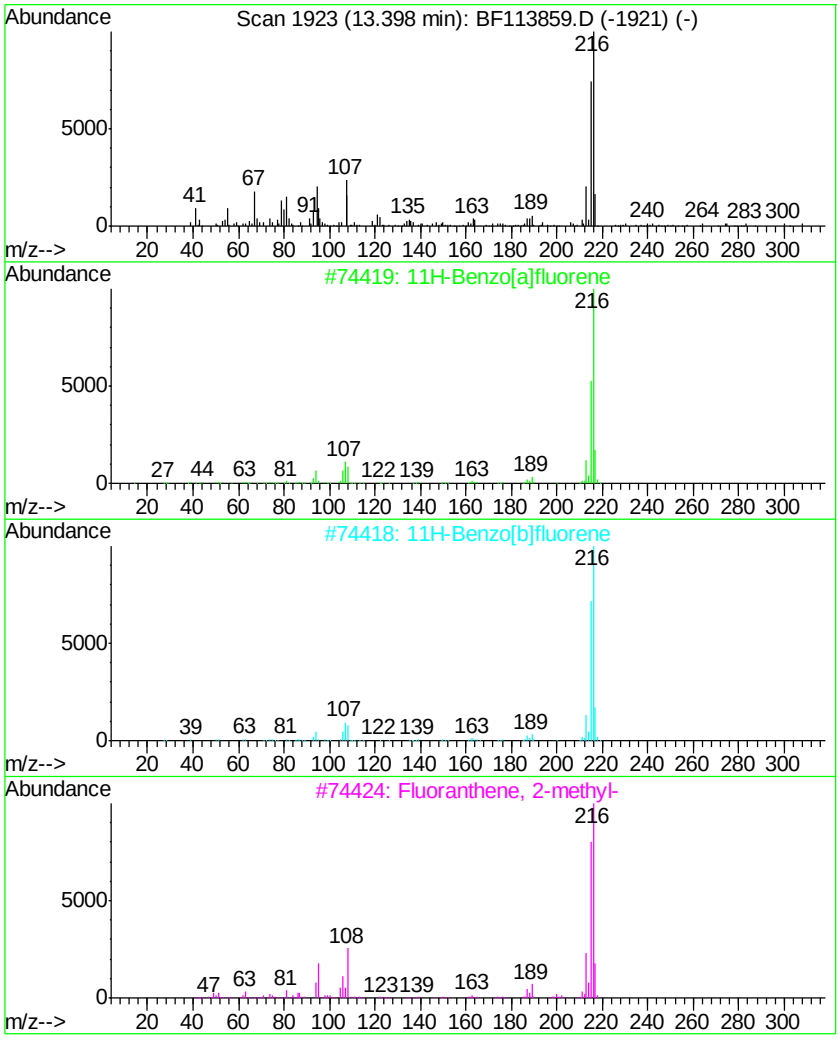
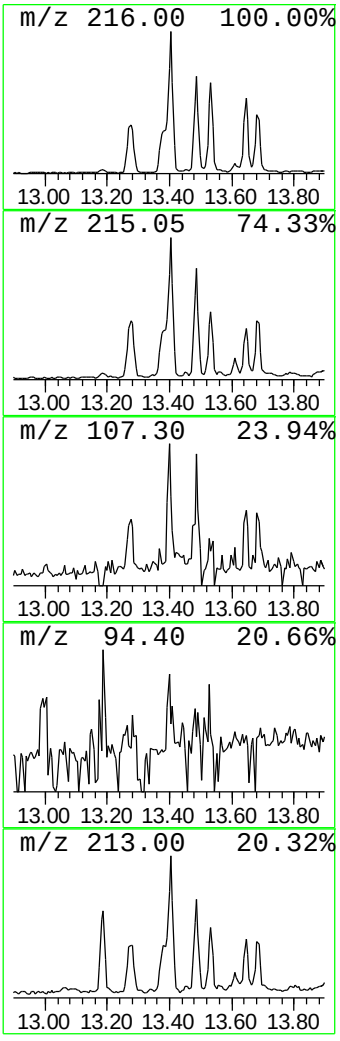
Peak Number 14 11H-Benzo[a]fluorene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.40	2.09 ng	242985	Chrysene-d12	14.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	80
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	64





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Operator : JU/SJ
Sample : K2201-07 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-01-041819-D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041819.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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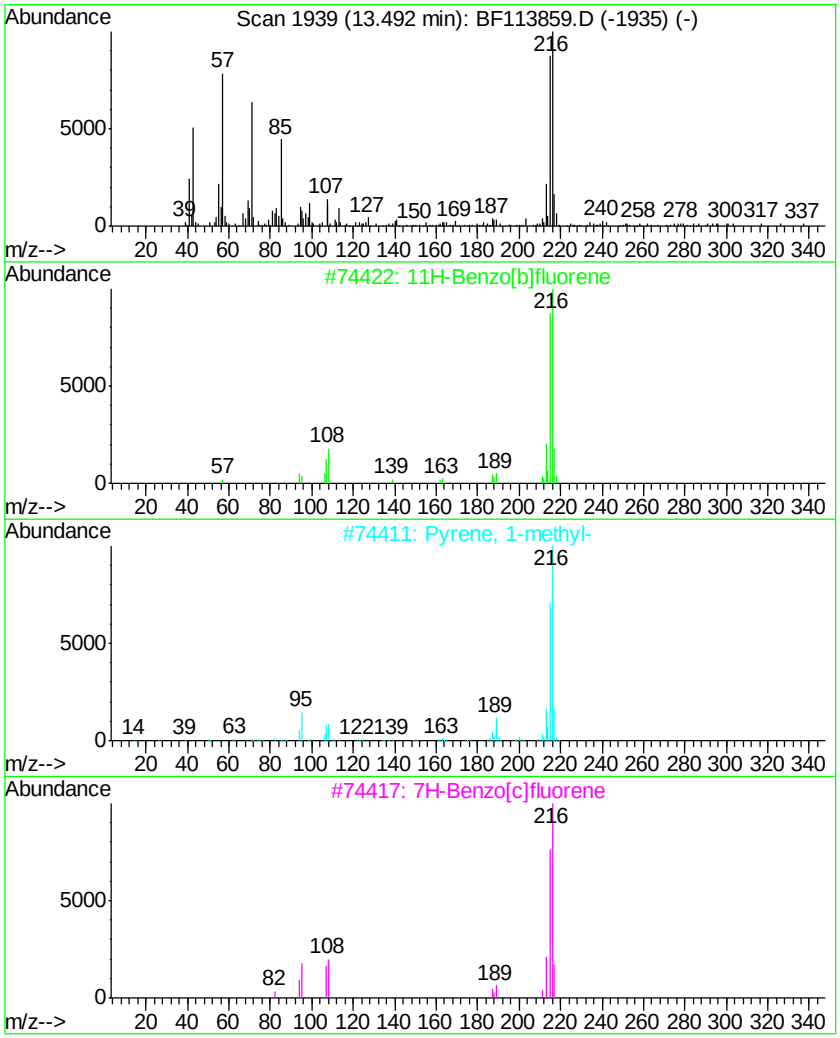
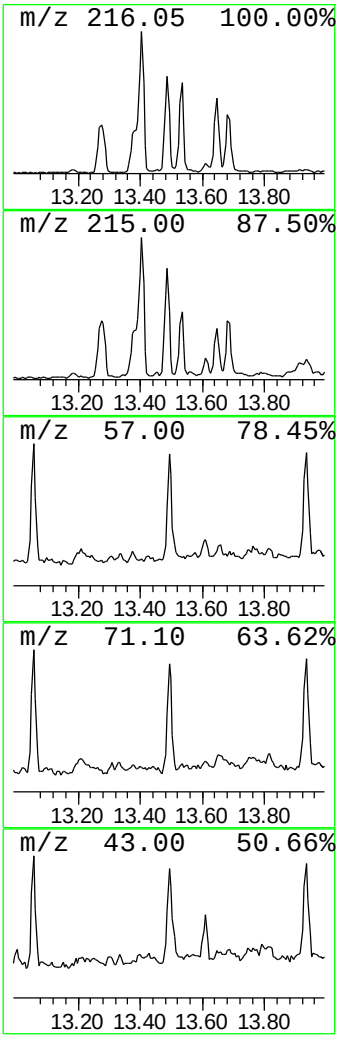
Peak Number 15 11H-Benzo[b]fluorene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.49	2.89 ng	336085	Chrysene-d12	14.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	95
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
3	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	74
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	74
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	62





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Sample : K2201-07 2X
Misc :
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Instrument : BNA_F
ClientSampleId : PL-01-041819-D

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

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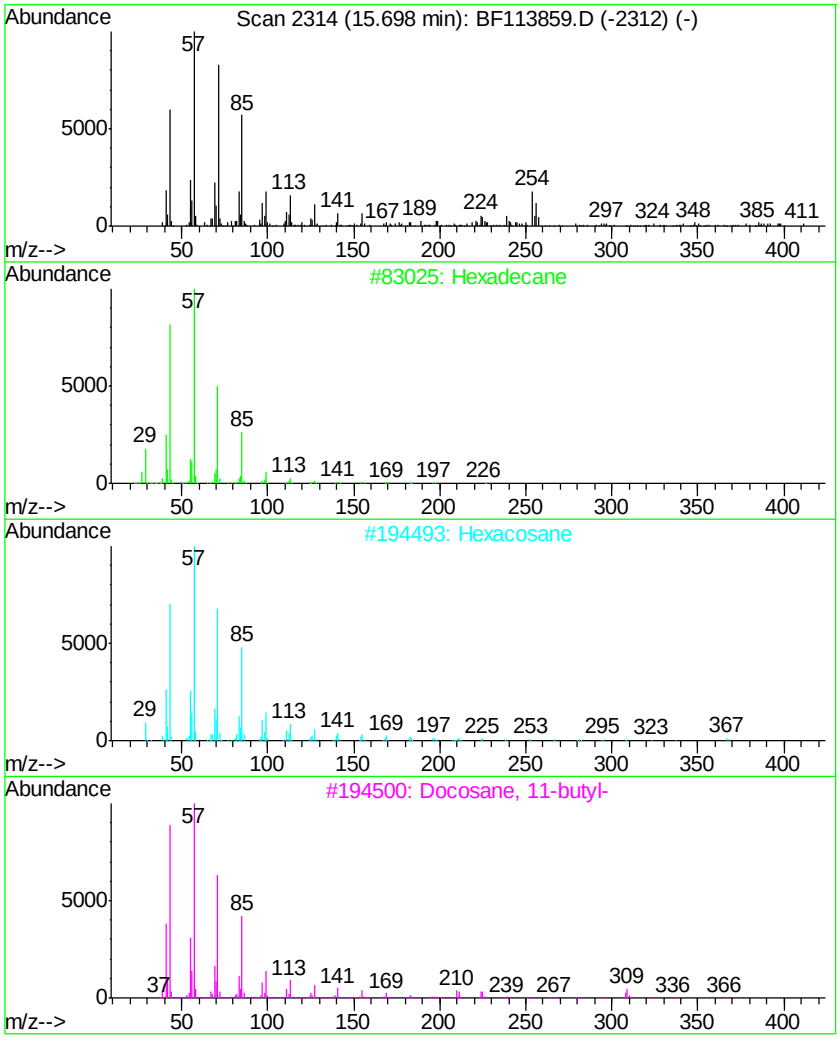
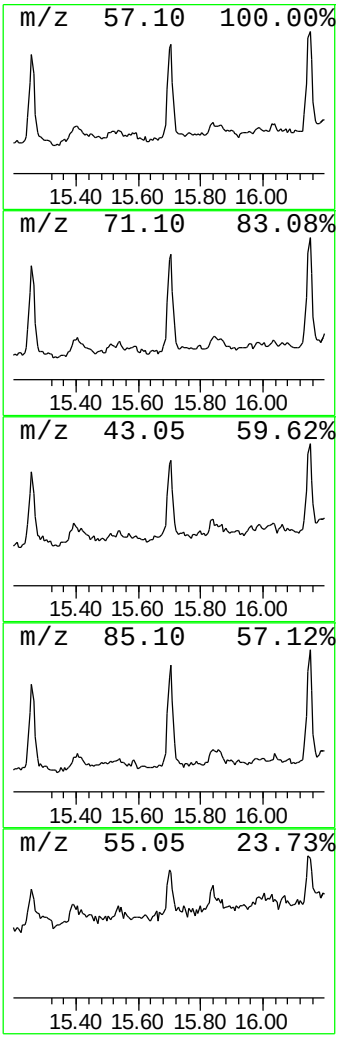
Peak Number 16 Docosane, 11-butyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.70	3.53 ng	186843	Perylene-d12	16.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	90
2	Hexacosane	366	C26H54	000630-01-3	81
3	Docosane, 11-butyl-	366	C26H54	013475-76-8	80
4	Heptadecane	240	C17H36	000629-78-7	78
5	Hentriacontane	437	C31H64	000630-04-6	74





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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-01-041819-D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041819.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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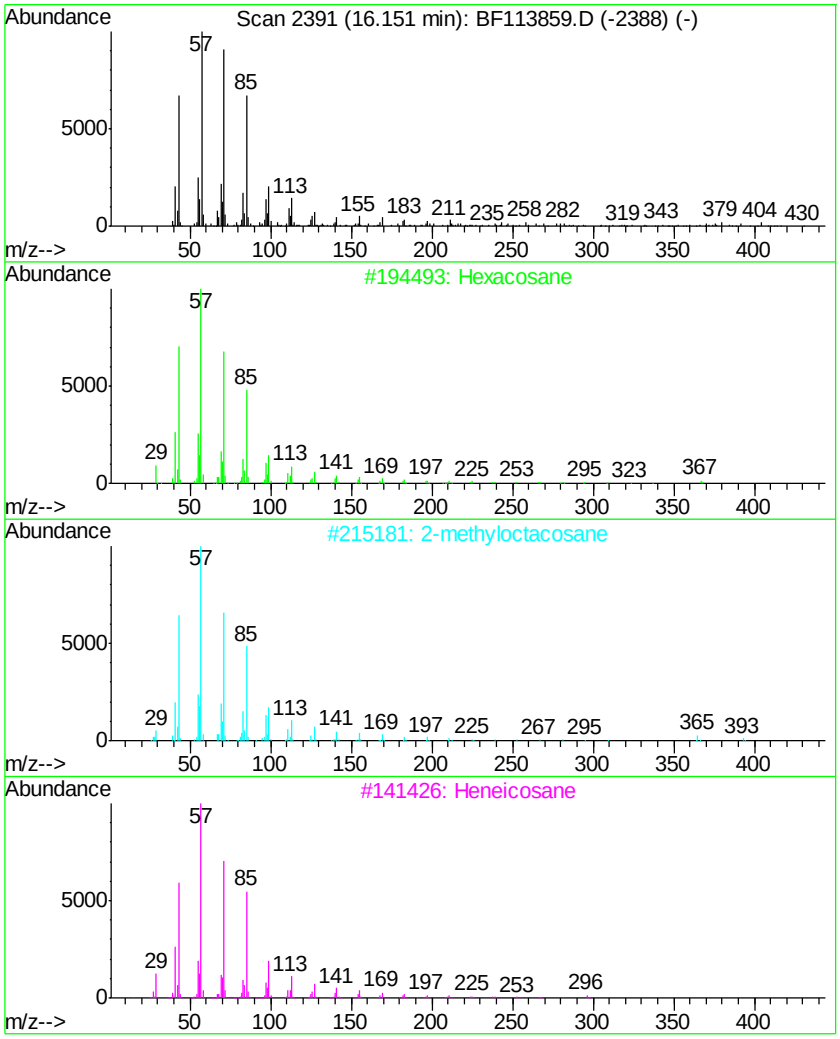
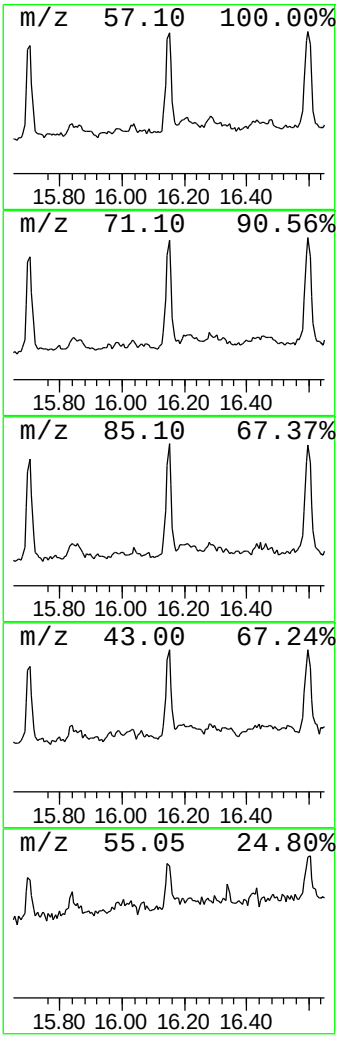
Peak Number 17 Hexacosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.15	3.49 ng	184886	Perylene-d12	16.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	91
2	2-methyloctacosane	408	C29H60	1000376-72-8	91
3	Heneicosane	296	C21H44	000629-94-7	90
4	Heptacosane	380	C27H56	000593-49-7	90
5	Tetracosane	338	C24H50	000646-31-1	90





Library Search Compound Report

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Misc :
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Instrument : BNA_F
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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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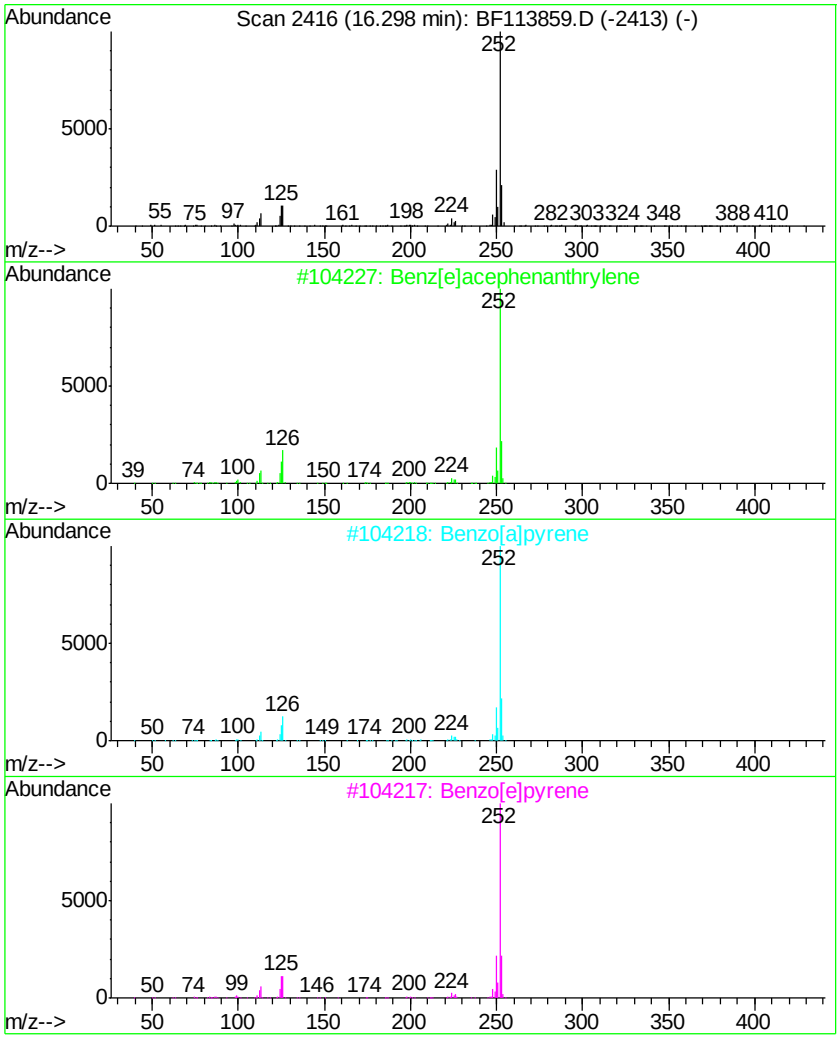
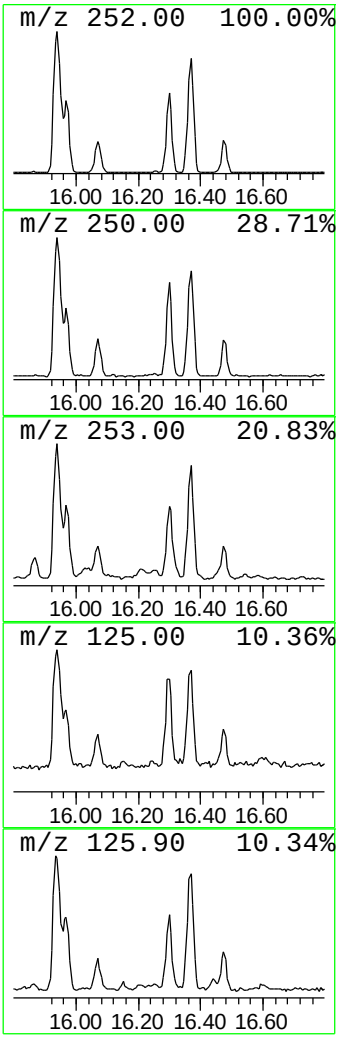
Peak Number 18 Benzo[e]pyrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.30	5.29 ng	280017	Perylene-d12	16.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	96
2	Benzo[a]pyrene	252	C20H12	000050-32-8	96
3	Benzo[e]pyrene	252	C20H12	000192-97-2	91
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	90





Tentatively Identified Compound (LSC) summary

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Data File : BF113859.D
Acq On : 19 Apr 2019 15:37
Operator : JU/SJ
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Misc :
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Instrument : BNA_F
ClientSampleId : PL-01-041819-D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041819.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
unknown6.67	6.67	30.1	ng	1568520	1	6.90	1040860	20.0
Hexadecane	10.37	2.4	ng	144777	3	9.94	1194880	20.0
Dodecane, 3-methyl-	10.60	2.2	ng	129767	3	9.94	1194880	20.0
Tridecane	10.85	4.0	ng	239226	4	11.43	1202320	20.0
Heptadecane, 8-me...	11.30	2.3	ng	140782	4	11.43	1202320	20.0
Decane, 3-methyl-	11.75	2.5	ng	150591	4	11.43	1202320	20.0
Hexadecanoic acid...	11.85	16.4	ng	988037	4	11.43	1202320	20.0
Phenanthrene, 2-m...	11.99	6.2	ng	374904	4	11.43	1202320	20.0
4H-Cyclopenta[def...	12.08	4.1	ng	248976	4	11.43	1202320	20.0
9,12-Octadecadien...	12.61	50.4	ng	3028720	4	11.43	1202320	20.0
9-Octadecenoic ac...	12.63	53.1	ng	3193820	4	11.43	1202320	20.0
Octadecanoic acid	12.87	2.1	ng	123835	4	11.43	1202320	20.0
11H-Benzo[a]fluorene	13.40	2.1	ng	242985	5	14.52	2326160	20.0
11H-Benzo[b]fluorene	13.49	2.9	ng	336085	5	14.52	2326160	20.0
Docosane, 11-butyl-	15.70	3.5	ng	186843	6	16.44	1058050	20.0
Hexacosane	16.15	3.5	ng	184886	6	16.44	1058050	20.0
Benzo[e]pyrene	16.30	5.3	ng	280017	6	16.44	1058050	20.0