LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041919\
Data File : BF113860.D
Acq On : 19 Apr 2019 16:03
Operator : JU/SJ
Sample : K2201-01 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

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

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	5.516	579	583	587	rBV	1722943	1497371	25.87%	2.566%
2	6.516	749	753	757	rBV	1601200	1541162	26.63%	2.641%
3	6.669	775	779	782	rBV	1830160	1600644	27.66%	2.743%
4	6.898	815	818	822	rBV	1272662	1117987	19.32%	1.916%
5	7.057	841	845	848	rBV	1611275	1263256	21.83%	2.165%
6	7.451	905	912	916	rBV	1062262	909817	15.72%	1.559%
7	8.181	1032	1036	1039	rBV	1663433	1412324	24.40%	2.421%
8	8.781	1134	1138	1141	rBV	99856	94564	1.63%	0.162%
9	8.992	1167	1174	1179	rBV2	83845	123534	2.13%	0.212%
10	9.210	1208	1211	1215	rVB3	64459	61963	1.07%	0.106%
11	9.257	1215	1219	1222	rBV	2164996	1689814	29.20%	2.896%
12	9.345	1230	1234	1238	rBV2	186793	189874	3.28%	0.325%
13	9.516	1260	1263	1268	rVB2	88780	106371	1.84%	0.182%
14	9.598	1271	1277	1279	rVV3	133868	156893	2.71%	0.269%
15	9.645	1283	1285	1290	rVV2	201708	306701	5.30%	0.526%
16	9.716	1294	1297	1301	rVB2	79100	106350	1.84%	0.182%
17	9.798	1308	1311	1316	rBV	256267	235024	4.06%	0.403%
18	9.875	1319	1324	1326	rVV	244094	212633	3.67%	0.364%
19	9.939	1329	1335	1338	rBV	1664012	1465904	25.33%	2.512%
20	9.969	1338	1340	1343	rVB	104942	90233	1.56%	0.155%
21	10.045	1350	1353	1357	rVB2	52245	63790	1.10%	0.109%
22	10.116	1357	1365	1366	rBV7	49913	111033	1.92%	0.190%
23	10.139	1366	1369	1372	rVB2	122510	117643	2.03%	0.202%
24	10.257	1386	1389	1392	rBV3	69696	72593	1.25%	0.124%
25	10.375	1406	1409	1411	rVB	296339	216365	3.74%	0.371%
26	10.486	1425	1428	1434	rBV	174566	205170	3.55%	0.352%
27	10.598	1441	1447	1451	rBV	163784	223857	3.87%	0.384%
28	10.645	1452	1455	1458	rVB4	77032	75916	1.31%	0.130%
29	10.722	1464	1468	1473	rBV	1193212	1032029	17.83%	1.769%
30	10.851	1486	1490	1497	rVB2	364819	490961	8.48%	0.841%
31	11.063	1524	1526	1532	rVB3	67641	77968	1.35%	0.134%
32	11.304	1564	1567	1569	rBV	303968	229481	3.97%	0.393%
33	11.333	1569	1572	1577	rVB2	190256	245391	4.24%	0.421%
34	11.433	1586	1589	1591	rBV	1651687	1403031	24.24%	2.405%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041919\
Data File : BF113860.D
Acq On : 19 Apr 2019 16:03
Operator : JU/SJ
Sample : K2201-01 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

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

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	11.457	1591	1593	1596	rVV	1015982	823785	14.23%	1.412%
36	11.510	1599	1602	1605	rVV	386951	327255	5.65%	0.561%
37	11.545	1605	1608	1612	rVB3	58822	81192	1.40%	0.139%
38	11.745	1639	1642	1645	rBV	284630	250547	4.33%	0.429%
39	11.780	1645	1648	1650	rVB2	122817	135358	2.34%	0.232%
40	11.851	1656	1660	1666	rVB	2473081	2137812	36.94%	3.664%
41	11.963	1676	1679	1681	rBV	253152	223968	3.87%	0.384%
42	11.992	1681	1684	1688	rVV	684193	627646	10.85%	1.076%
43	12.039	1689	1692	1695	rVV	172353	172770	2.99%	0.296%
44	12.080	1695	1699	1702	rVV2	500870	624796	10.80%	1.071%
45	12.104	1702	1703	1708	rVB	241964	192780	3.33%	0.330%
46	12.186	1714	1717	1720	rVB	208436	168913	2.92%	0.290%
47	12.216	1720	1722	1726	rVB2	89765	73227	1.27%	0.126%
48	12.280	1730	1733	1735	rBV	154920	138849	2.40%	0.238%
49	12.427	1755	1758	1760	rBV	89171	109998	1.90%	0.189%
50	12.480	1765	1767	1769	rBV	110741	96658	1.67%	0.166%
51	12.504	1769	1771	1774	rVB2	111475	115813	2.00%	0.198%
52	12.569	1778	1782	1785	rBV	319568	365325	6.31%	0.626%
53	12.610	1785	1789	1791	rBV	4793416	5000973	86.42%	8.571%
54	12.639	1791	1794	1796	rVB	5271188	5058322	87.41%	8.669%
55	12.751	1806	1813	1816	rBV2	1944769	2910389	50.29%	4.988%
56	12.786	1816	1819	1824	rVV2	418815	605556	10.46%	1.038%
57	12.851	1828	1830	1832	rVV	115157	113524	1.96%	0.195%
58	12.874	1832	1834	1839	rVB4	144401	155398	2.69%	0.266%
59	13.010	1851	1857	1861	rBV	2060077	2588984	44.74%	4.437%
60	13.057	1863	1865	1868	rVB2	124021	122058	2.11%	0.209%
61	13.151	1878	1881	1883	rBV	146755	148785	2.57%	0.255%
62	13.186	1883	1887	1894	rVB	1874349	1914526	33.08%	3.281%
63	13.274	1899	1902	1905	rBV	183525	220829	3.82%	0.378%
64	13.345	1911	1914	1916	rBV3	94147	98554	1.70%	0.169%
65	13.404	1921	1924	1929	rVB	483712	595067	10.28%	1.020%
66	13.486	1935	1938	1943	rBV3	420028	569067	9.83%	0.975%
67	13.533	1943	1946	1949	rVB2	301500	287094	4.96%	0.492%
68	13.604	1956	1958	1961	rVB	190653	182986	3.16%	0.314%
69	13.645	1962	1965	1968	rVV	270189	251637	4.35%	0.431%
70	13.680	1968	1971	1977	rVB	261501	309888	5.35%	0.531%
71	14.515	2107	2113	2115	rBV2	1523727	2942096	50.84%	5.042%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041919\
Data File : BF113860.D
Acq On : 19 Apr 2019 16:03
Operator : JU/SJ
Sample : K2201-01 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

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

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

72	14.545	2115	2118	2122	rVB2	4940294	5787127	100.00%	9.919%
73	15.939	2351	2355	2359	rBV	565202	1002250	17.32%	1.718%
74	16.304	2414	2417	2420	rVB	321210	356350	6.16%	0.611%
75	16.374	2426	2429	2434	rVB	565571	690380	11.93%	1.183%
76	16.451	2437	2442	2445	rVV	696250	1020061	17.63%	1.748%

Sum of corrected areas: 58346240

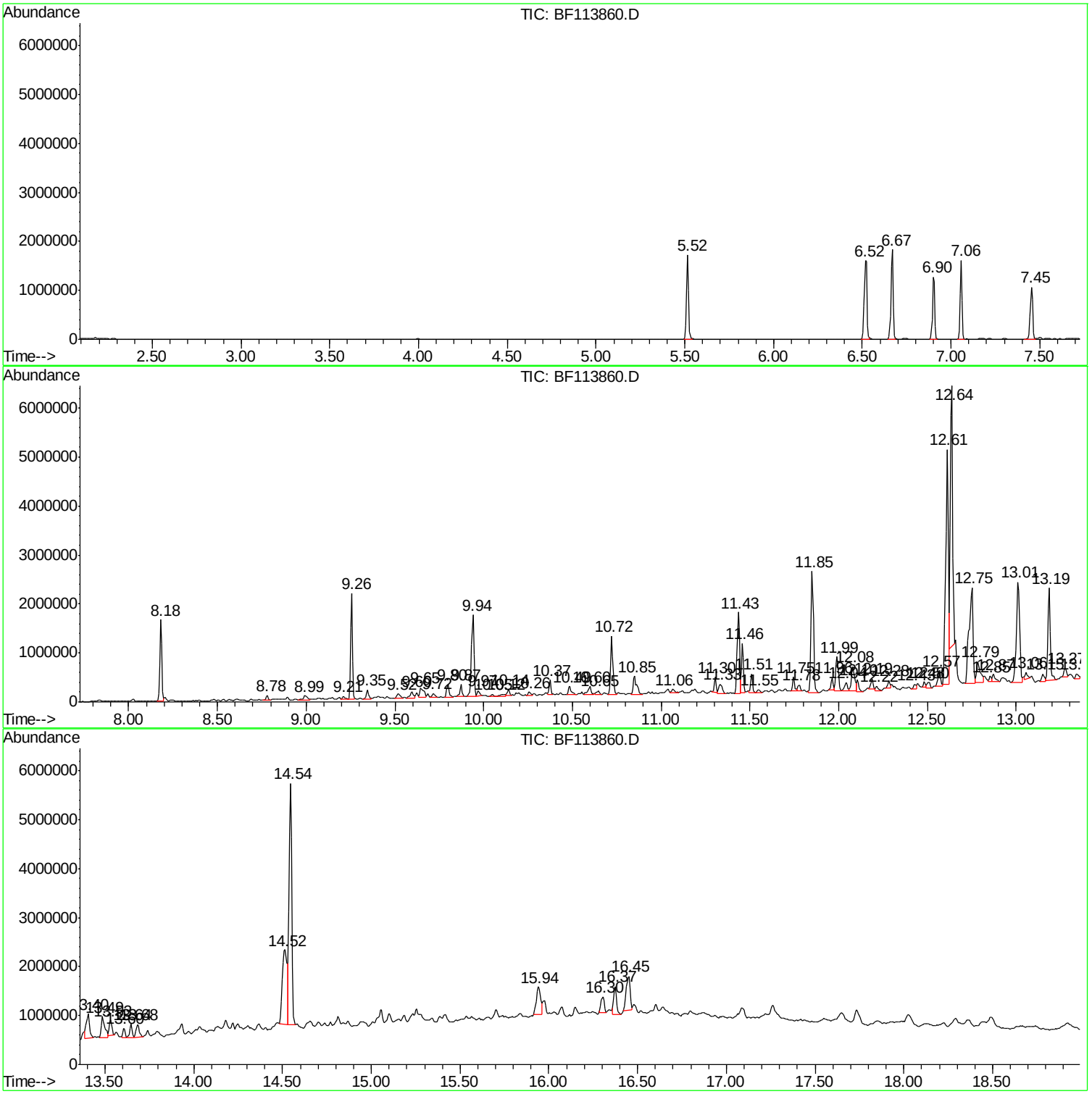
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041919\
Data File : BF113860.D
Acq On : 19 Apr 2019 16:03
Operator : JU/SJ
Sample : K2201-01 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

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

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041919\
Data File : BF113860.D
Acq On : 19 Apr 2019 16:03
Operator : JU/SJ
Sample : K2201-01 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

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

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

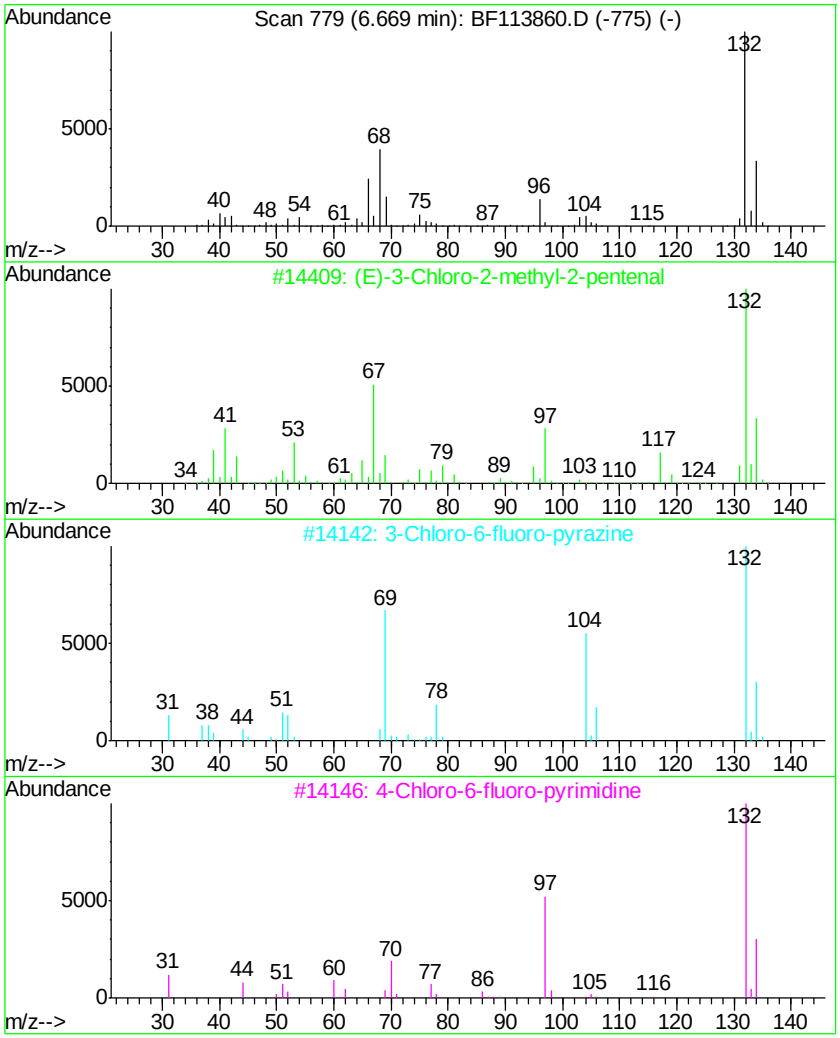
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

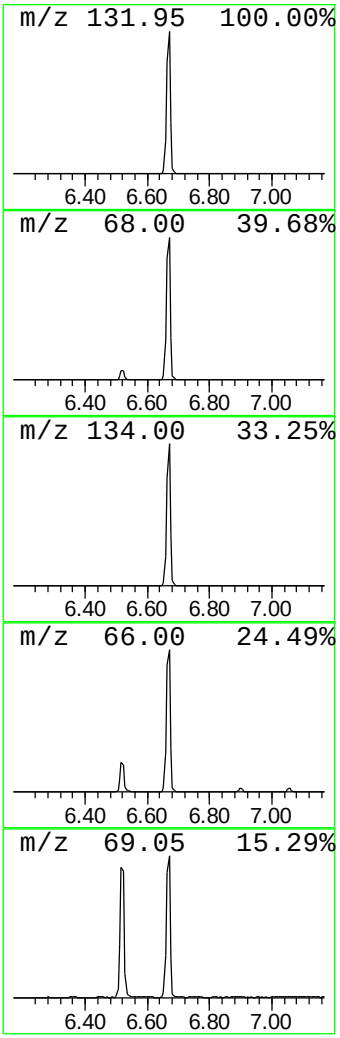
****

Peak Number 1 unknown6.67 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.67	28.63 ng	1600640	1,4-Dichlorobenzene-d4	6.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
3	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
4	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041919\
Data File : BF113860.D
Acq On : 19 Apr 2019 16:03
Operator : JU/SJ
Sample : K2201-01 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

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

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

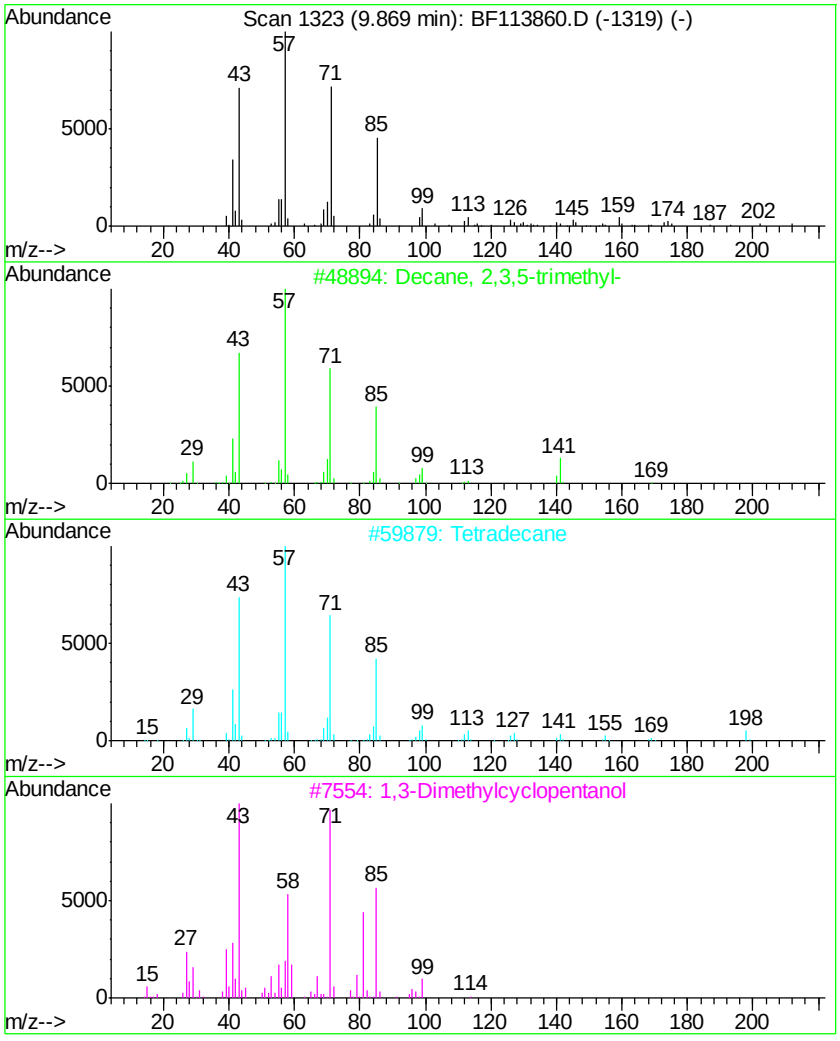
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

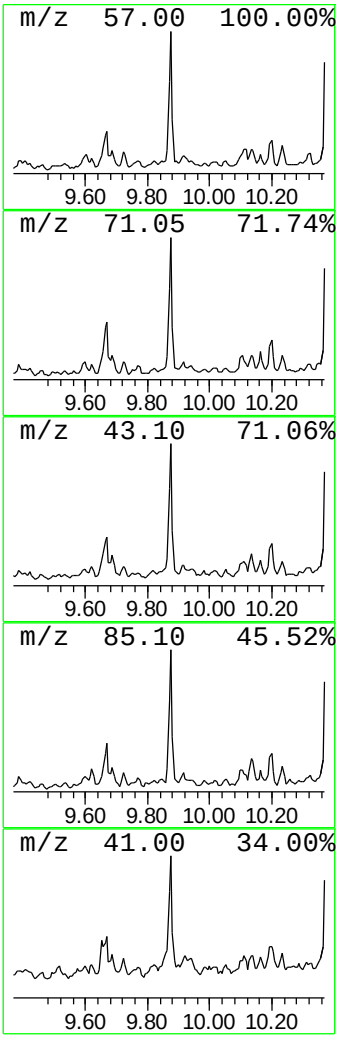
****

Peak Number 3 Decane, 2,3,5-trimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.87	2.90 ng	212633	Acenaphthene-d10	9.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	86
2	Tetradecane	198	C14H30	000629-59-4	86
3	1,3-Dimethylcyclopentanol	114	C7H14O	019550-46-0	64
4	Octacosane	394	C28H58	000630-02-4	64
5	Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	59





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041919\
Data File : BF113860.D
Acq On : 19 Apr 2019 16:03
Operator : JU/SJ
Sample : K2201-01 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

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

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

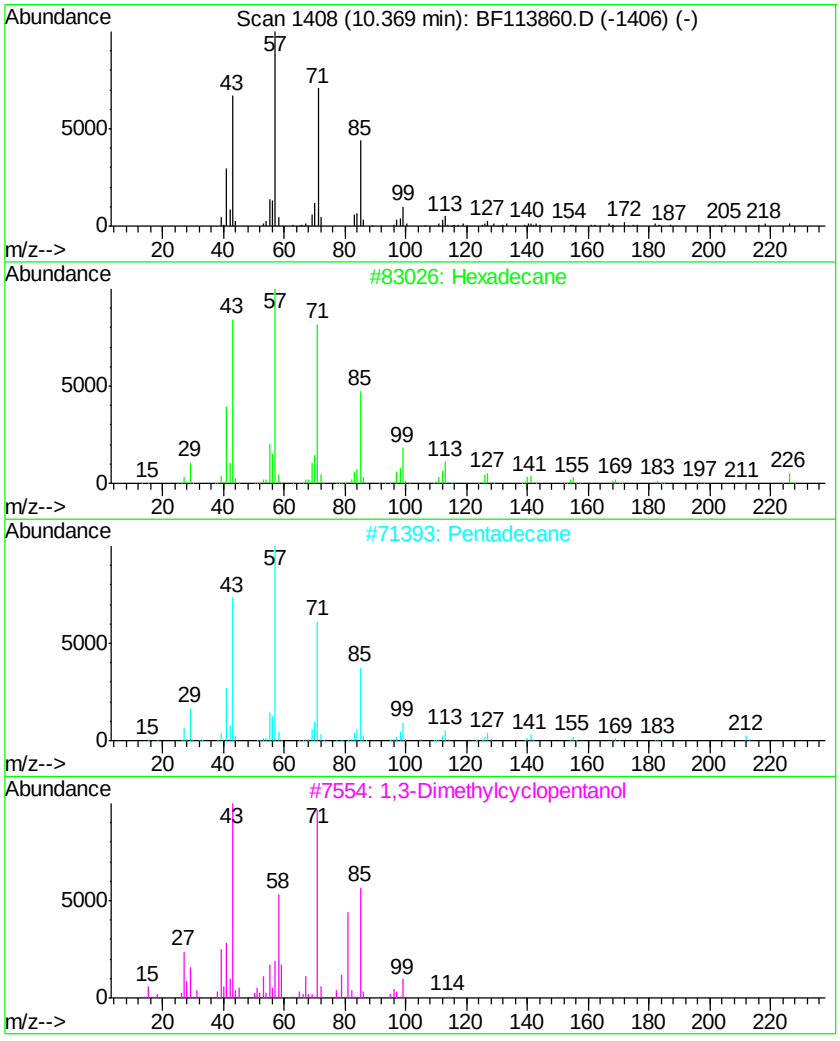
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

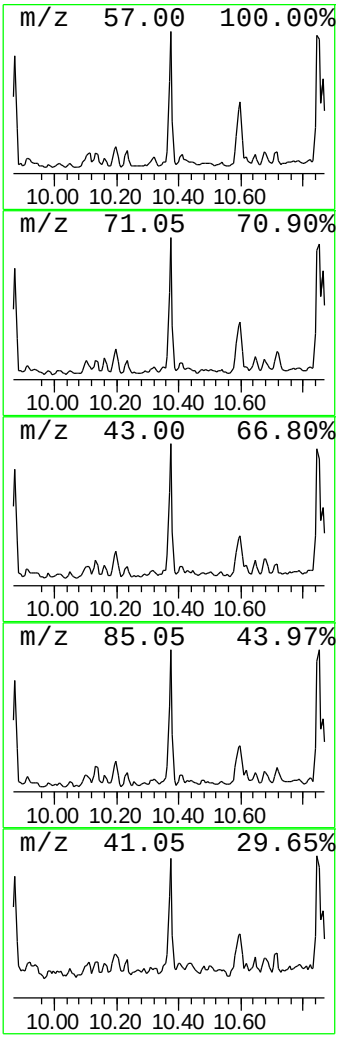
****

Peak Number 4 Hexadecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.37	2.95 ng	216365	Acenaphthene-d10	9.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	94
2	Pentadecane	212	C15H32	000629-62-9	86
3	1,3-Dimethylcyclopentanol	114	C7H14O	019550-46-0	64
4	Heptadecane	240	C17H36	000629-78-7	64
5	Undecane, 6-ethyl-	184	C13H28	017312-60-6	59





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041919\
Data File : BF113860.D
Acq On : 19 Apr 2019 16:03
Operator : JU/SJ
Sample : K2201-01 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

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

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

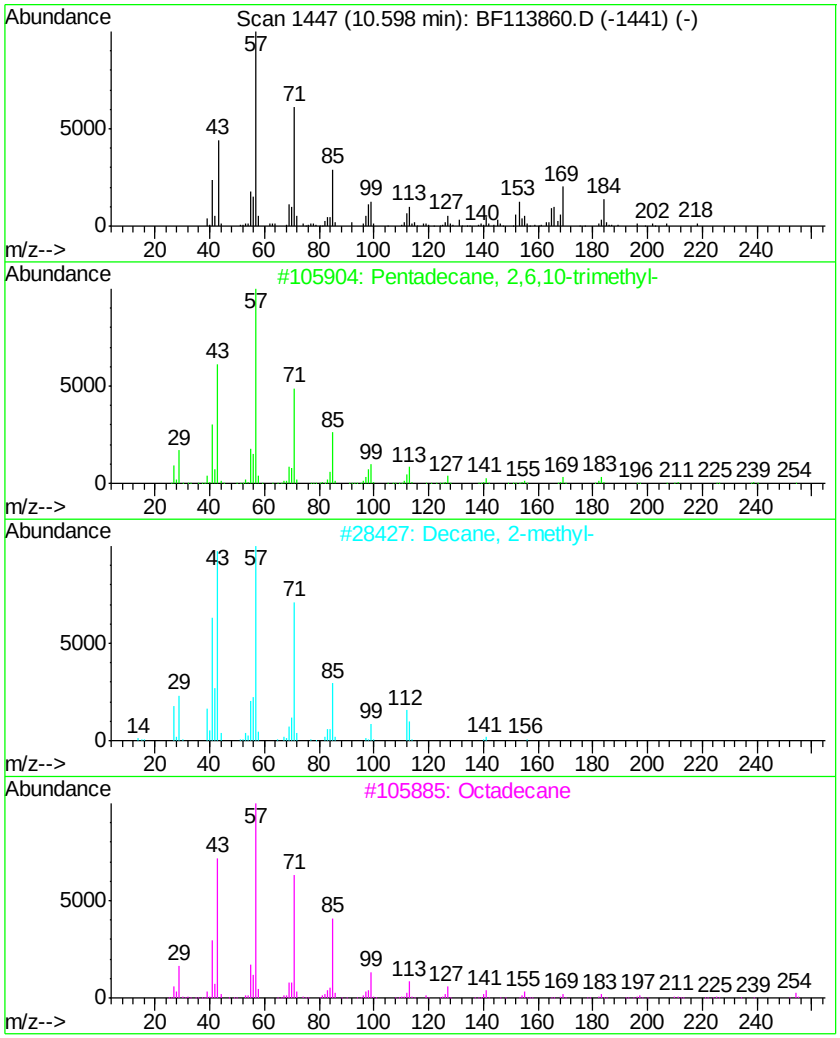
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

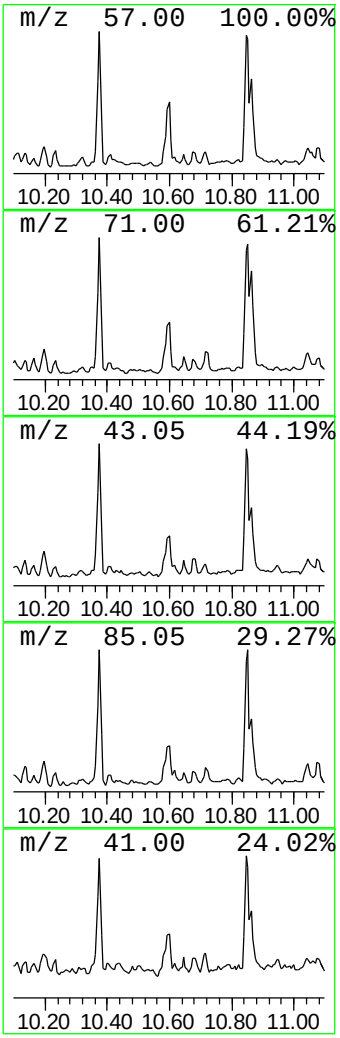
****

Peak Number 5 unknown10.60 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.60	3.05 ng	223857	Acenaphthene-d10	9.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	49
2	Decane, 2-methyl-	156	C11H24	006975-98-0	45
3	Octadecane	254	C18H38	000593-45-3	43
4	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	43
5	Tridecanol, 2-ethyl-2-methyl-	242	C16H34O	1000115-66-1	43





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041919\
Data File : BF113860.D
Acq On : 19 Apr 2019 16:03
Operator : JU/SJ
Sample : K2201-01 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

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

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

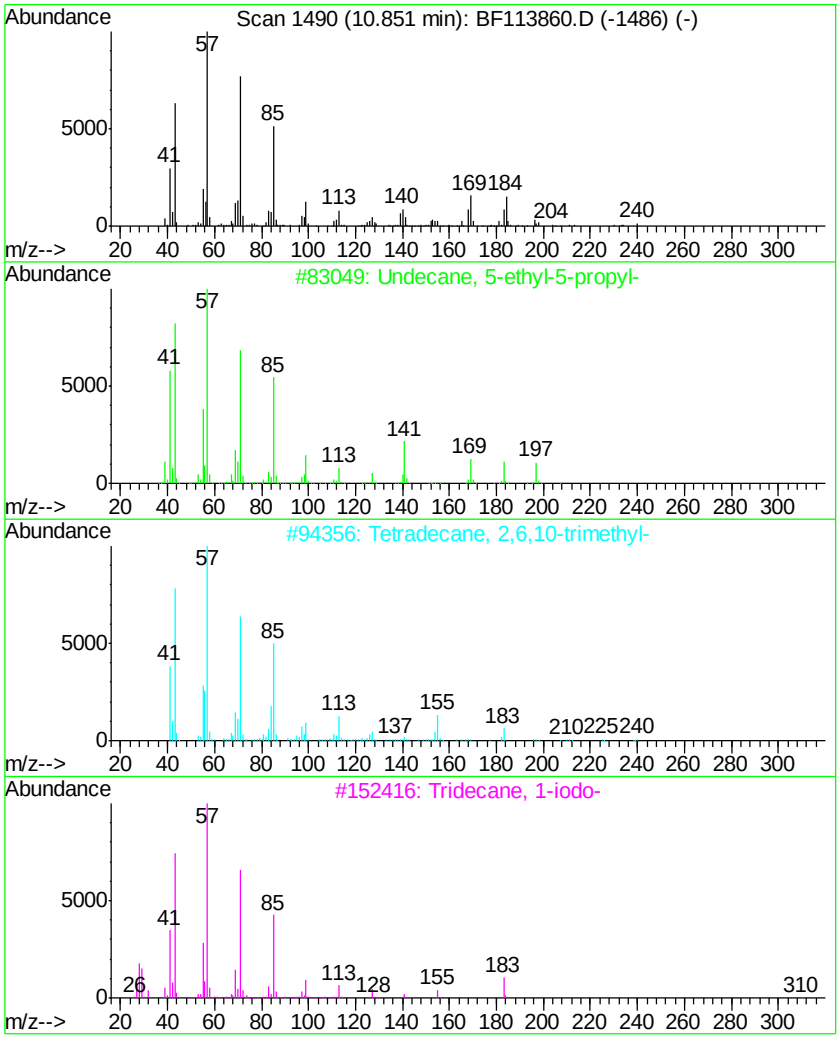
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

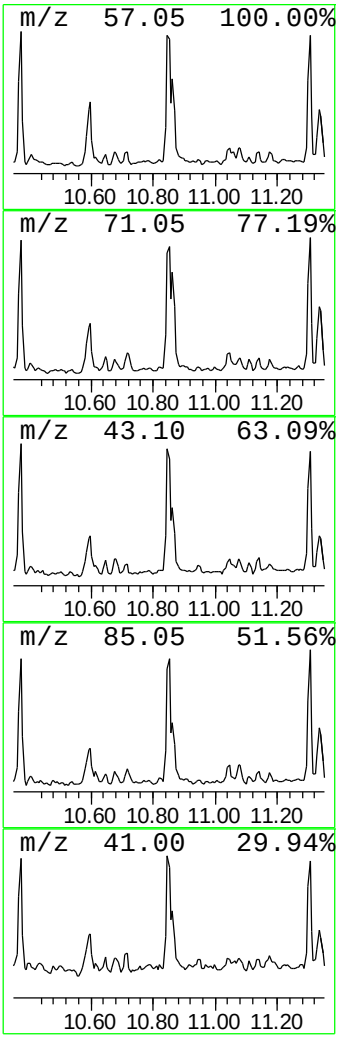
****

Peak Number 6 Undecane, 5-ethyl-5-propyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.85	7.00 ng	490961	Phenanthrene-d10	11.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 5-ethyl-5-propyl-	226	C16H34	002755-07-9	87
2	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	83
3	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	80
4	Eicosane	282	C20H42	000112-95-8	80
5	Tetradecane	198	C14H30	000629-59-4	74





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041919\
Data File : BF113860.D
Acq On : 19 Apr 2019 16:03
Operator : JU/SJ
Sample : K2201-01 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

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

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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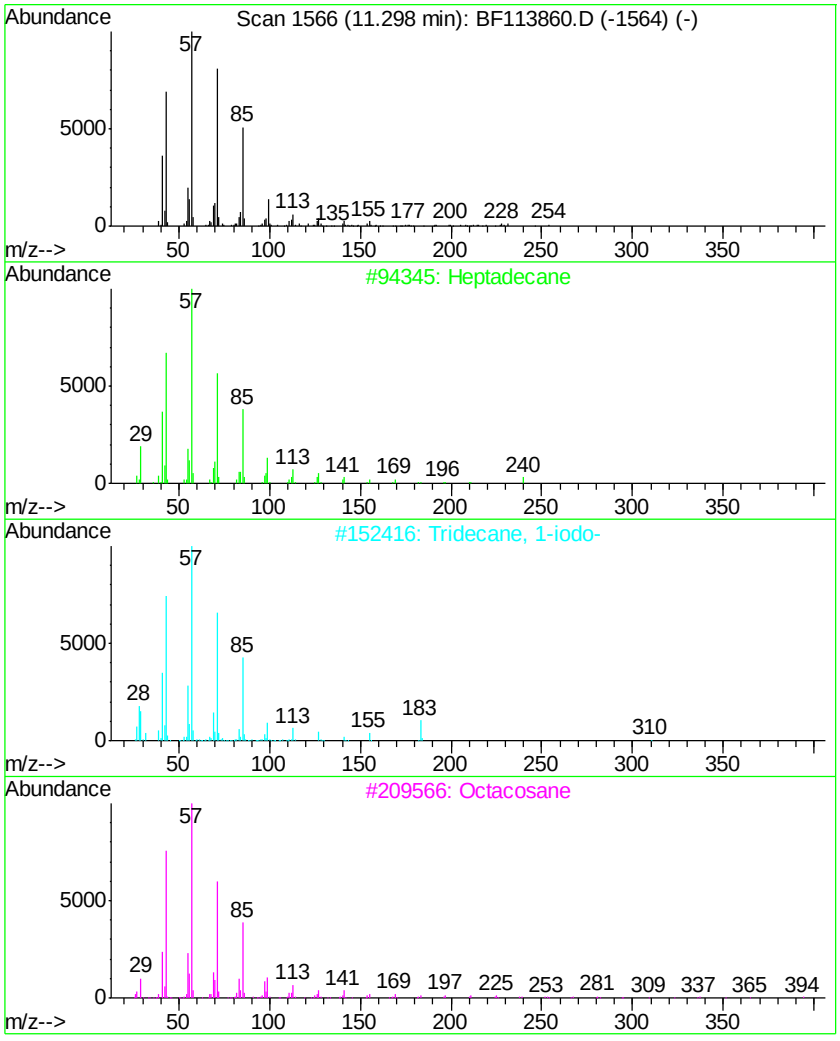
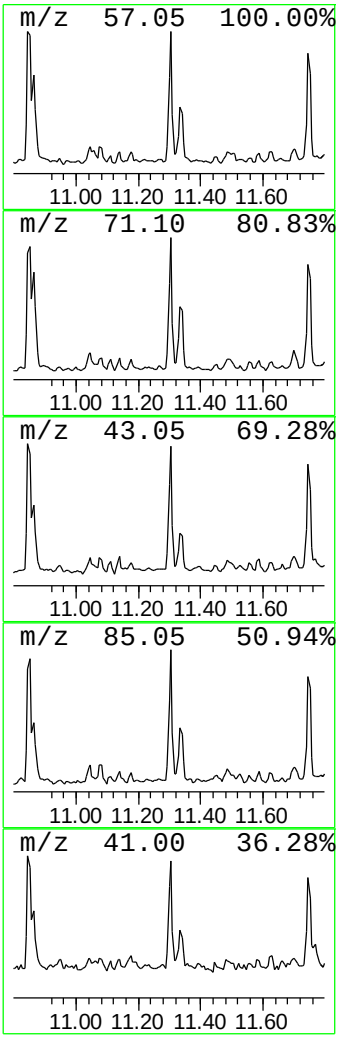
Peak Number 7 Heptadecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.30	3.27 ng	229481	Phenanthrene-d10	11.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	90
2	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	87
3	Octacosane	394	C28H58	000630-02-4	86
4	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86
5	Dodecane	170	C12H26	000112-40-3	80





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Data File : BF113860.D
Acq On : 19 Apr 2019 16:03
Operator : JU/SJ
Sample : K2201-01 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

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

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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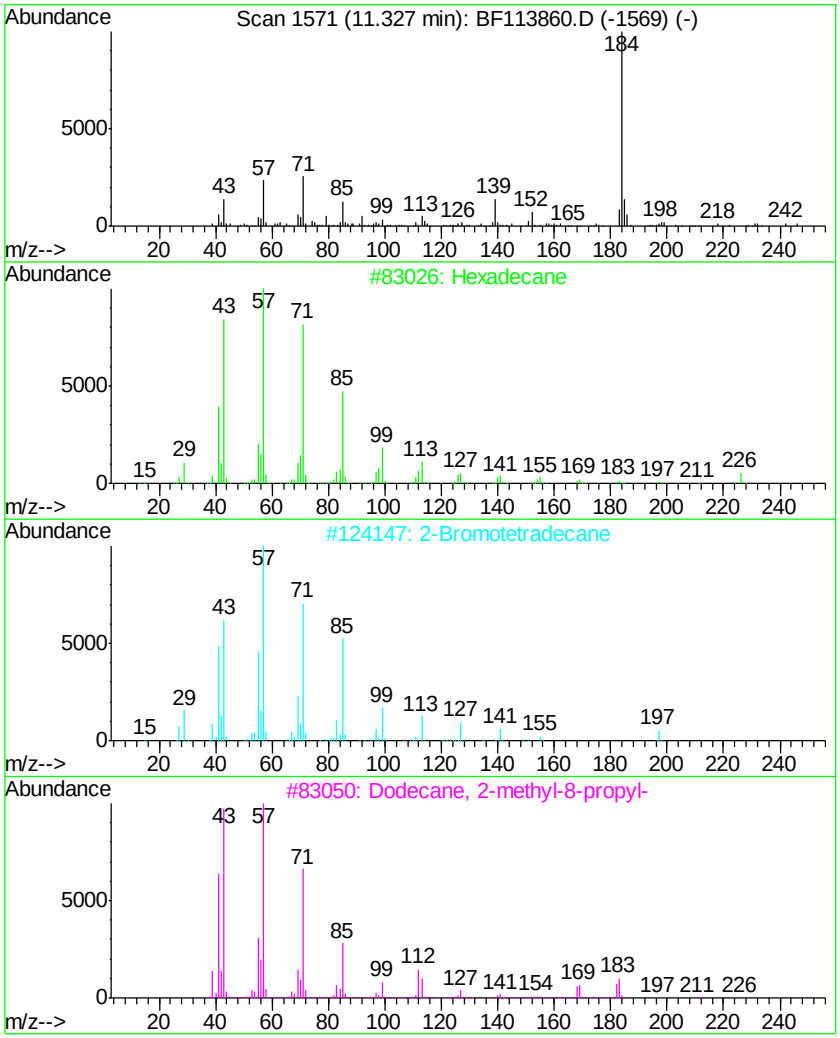
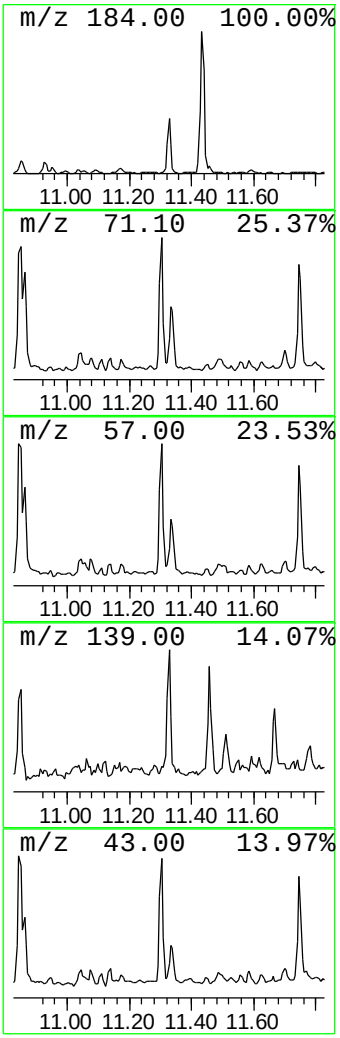
Peak Number 8 unknown11.33 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.33	3.50 ng	245391	Phenanthrene-d10	11.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	45
2	2-Bromotetradecane	276	C14H29Br	074036-95-6	45
3	Dodecane, 2-methyl-8-propyl-	226	C16H34	055045-07-3	43
4	Tetradecane	198	C14H30	000629-59-4	43
5	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	38





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Operator : JU/SJ
Sample : K2201-01 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

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

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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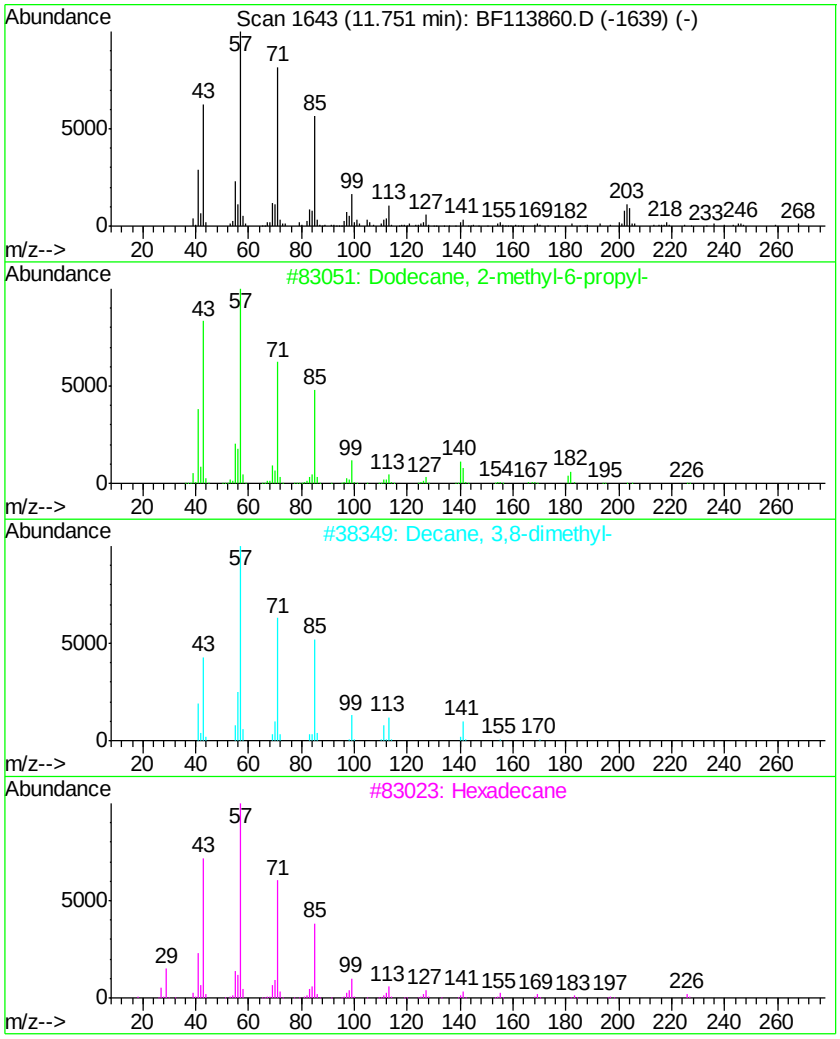
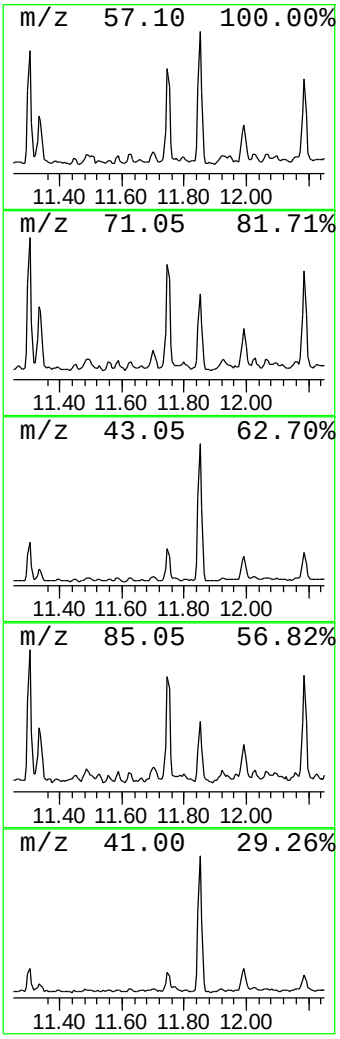
Peak Number 9 Dodecane, 2-methyl-6-propyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.75	3.57 ng	250547	Phenanthrene-d10	11.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	70
2	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	58
3	Hexadecane	226	C16H34	000544-76-3	58
4	Heneicosane	296	C21H44	000629-94-7	58
5	Nonadecane	268	C19H40	000629-92-5	58





Library Search Compound Report

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Data File : BF113860.D
Acq On : 19 Apr 2019 16:03
Operator : JU/SJ
Sample : K2201-01 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

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

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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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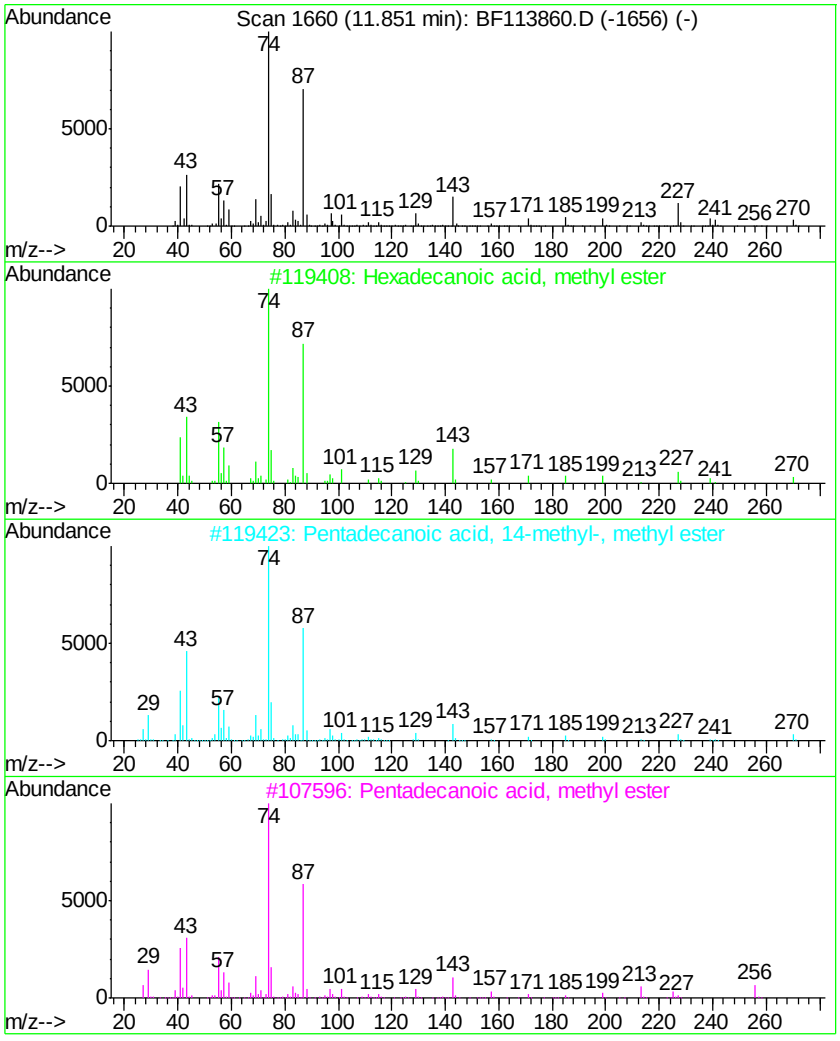
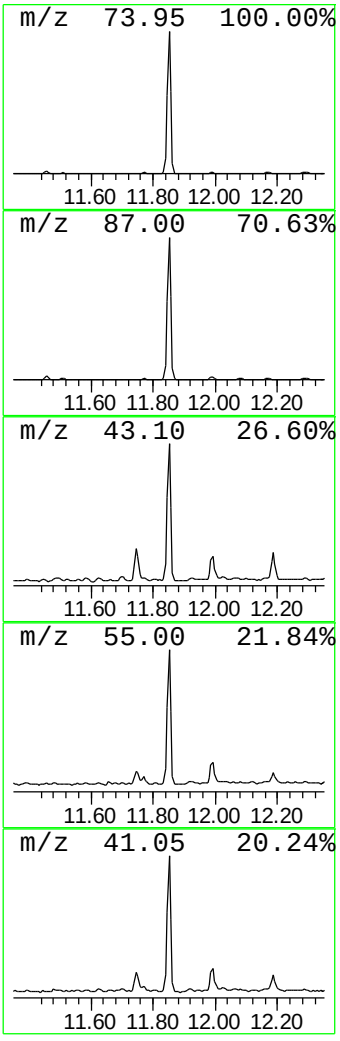
Peak Number 10 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.85	30.47 ng	2137810	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	96
3	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86
4	Methyl tetradecanoate	242	C15H30O2	000124-10-7	80
5	Tridecanoic acid, 12-methyl-, me...	242	C15H30O2	005129-58-8	80





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Data File : BF113860.D
Acq On : 19 Apr 2019 16:03
Operator : JU/SJ
Sample : K2201-01 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

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

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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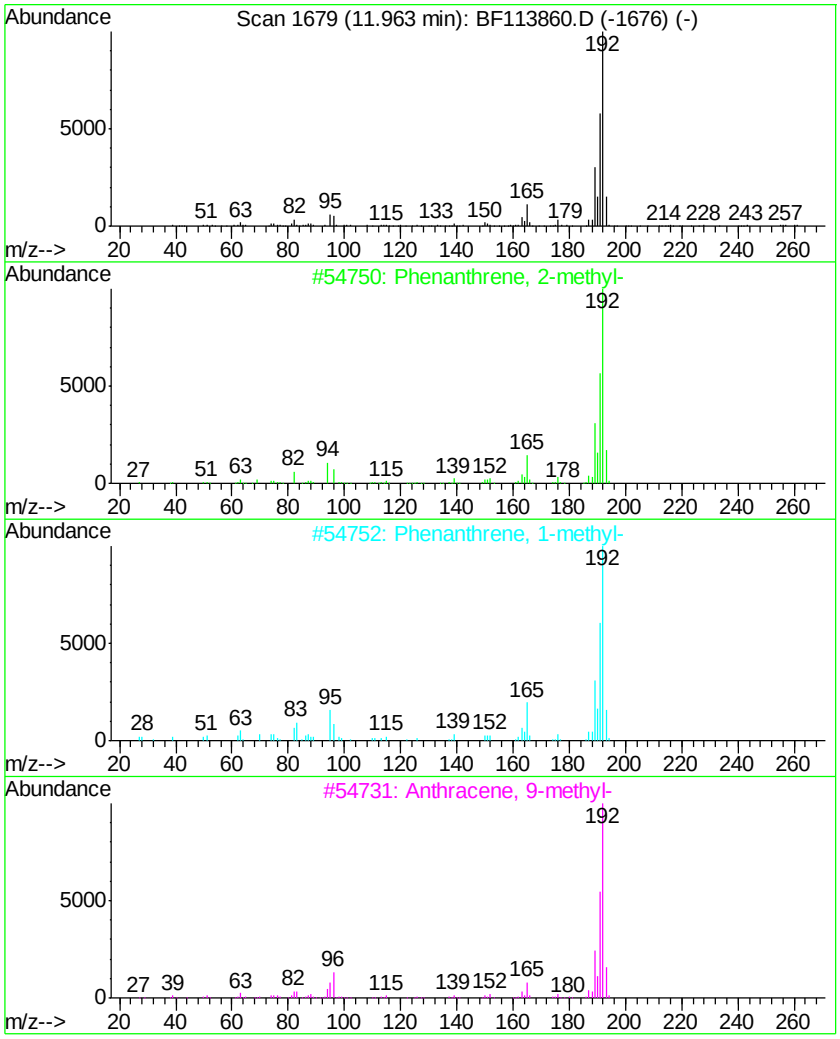
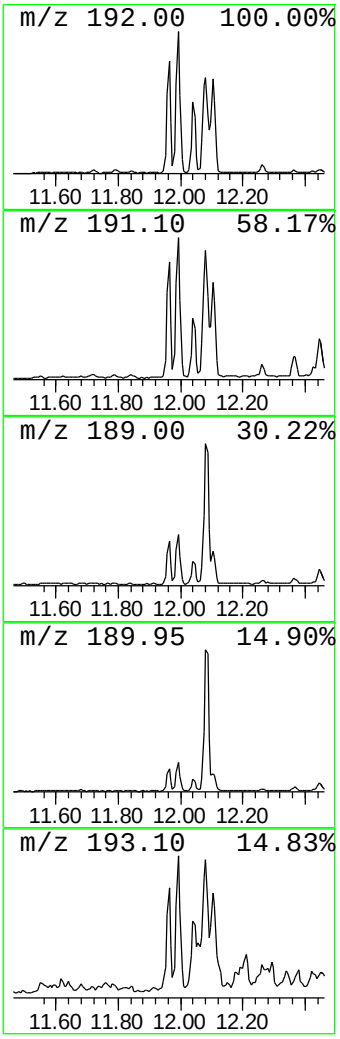
Peak Number 11 Phenanthrene, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.96	3.19 ng	223968	Phenanthrene-d10	11.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91





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Operator : JU/SJ
Sample : K2201-01 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

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

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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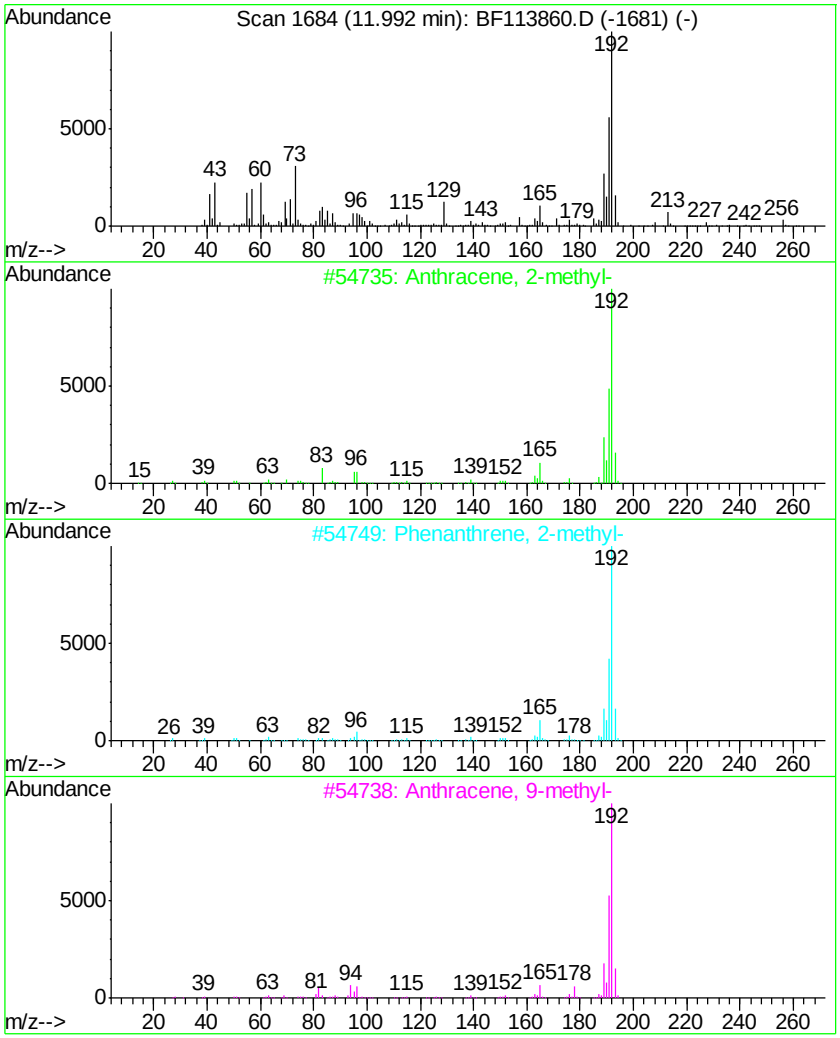
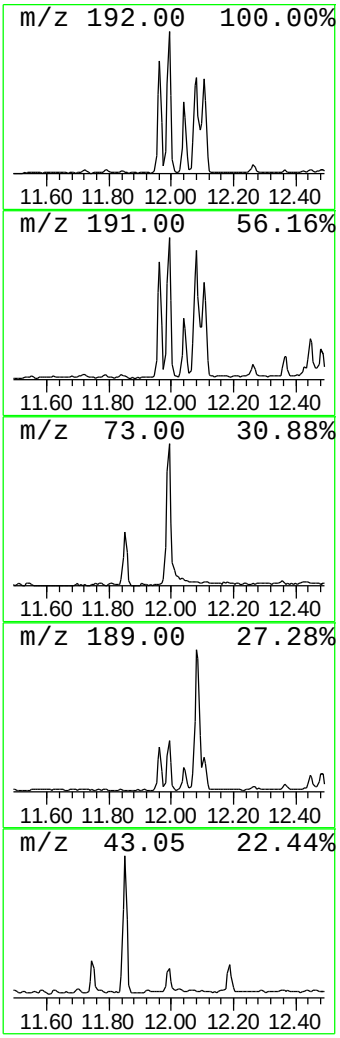
Peak Number 12 Anthracene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.99	8.95 ng	627646	Phenanthrene-d10	11.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	96
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	92





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041919\
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Acq On : 19 Apr 2019 16:03
Operator : JU/SJ
Sample : K2201-01 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

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

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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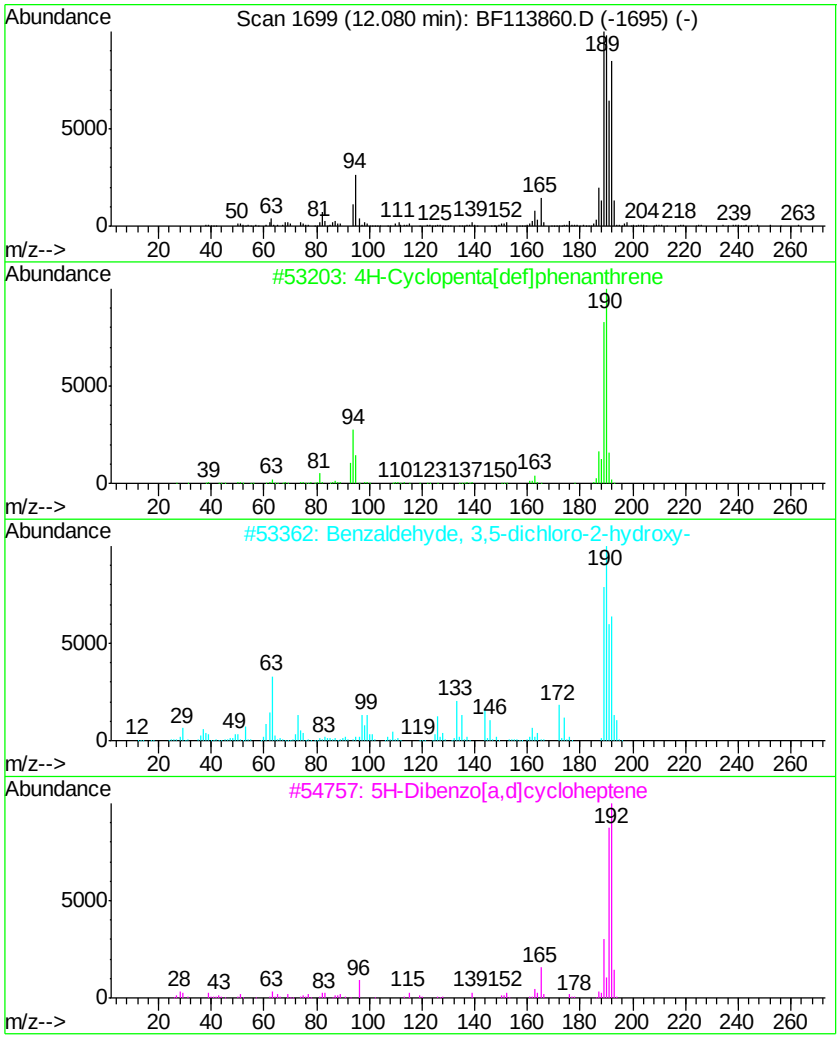
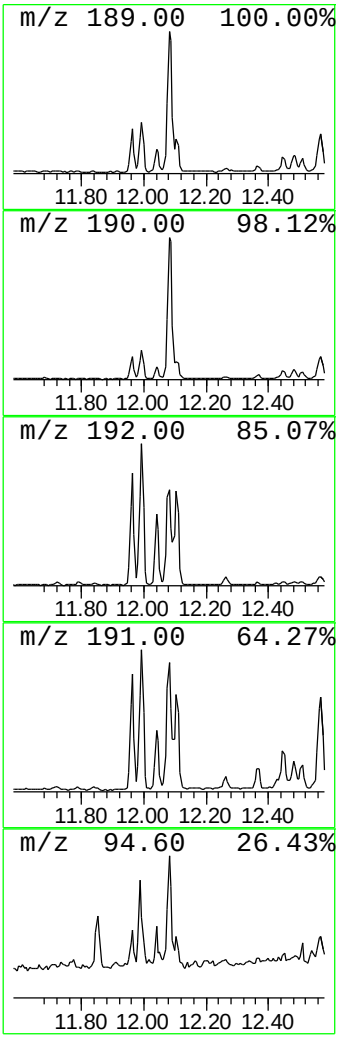
Peak Number 13 4H-Cyclopenta[def]phenanthrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.08	8.91 ng	624796	Phenanthrene-d10	11.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	90
2	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	72
3	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	42
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	42
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	38





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Acq On : 19 Apr 2019 16:03
Operator : JU/SJ
Sample : K2201-01 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

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

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 Anthracene, 1-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.10	2.75 ng	192780	Phenanthrene-d10	11.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	87
2	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	87
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	83
4	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	80
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	74