LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061318\
Data File : BF106396.D
Acq On : 13 Jun 2018 17:32
Operator : JU/SJ
Sample : J3246-01 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-02-061218

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-BF061118.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	5.184	481	484	491	rVB	148572	149693	8.40%	0.534%
2	5.613	553	557	568	rVB	1245999	1338781	75.16%	4.774%
3	6.613	723	727	736	rBV	1214617	1473354	82.72%	5.254%
4	6.748	746	750	753	rBV	1627028	1410509	79.19%	5.030%
5	6.966	783	787	790	rBV	1207413	968352	54.37%	3.453%
6	7.119	809	813	817	rBV	1377348	1130688	63.48%	4.032%
7	7.525	878	882	885	rBV	1115167	903380	50.72%	3.222%
8	8.248	1001	1005	1008	rBV	1607768	1299744	72.97%	4.635%
9	9.319	1183	1187	1190	rBV	2181984	1781180	100.00%	6.352%
10	9.389	1196	1199	1202	rBV2	20567	21495	1.21%	0.077%
11	9.583	1228	1232	1236	rBV3	16193	23660	1.33%	0.084%
12	9.660	1242	1245	1248	rBV	31089	29294	1.64%	0.104%
13	9.713	1251	1254	1259	rVB	329503	268184	15.06%	0.956%
14	9.778	1261	1265	1267	rBV2	19181	22790	1.28%	0.081%
15	9.866	1277	1280	1285	rBV	168868	135192	7.59%	0.482%
16	9.919	1285	1289	1293	rVB2	58482	55304	3.10%	0.197%
17	10.007	1300	1304	1307	rVB	1753917	1448590	81.33%	5.166%
18	10.207	1335	1338	1341	rVB2	46373	43314	2.43%	0.154%
19	10.242	1341	1344	1348	rBV	41015	32490	1.82%	0.116%
20	10.319	1353	1357	1359	rBV2	32592	40547	2.28%	0.145%
21	10.419	1372	1374	1377	rVB	87895	72555	4.07%	0.259%
22	10.460	1377	1381	1383	rBV2	25052	25862	1.45%	0.092%
23	10.525	1390	1392	1394	rBV	23946	21272	1.19%	0.076%
24	10.554	1394	1397	1404	rVB	79157	83459	4.69%	0.298%
25	10.642	1404	1412	1414	rBV2	36922	55440	3.11%	0.198%
26	10.795	1434	1438	1442	rBV	1171487	985940	55.35%	3.516%
27	10.895	1452	1455	1464	rVB2	84971	136383	7.66%	0.486%
28	11.101	1485	1490	1492	rBV4	39290	47388	2.66%	0.169%
29	11.124	1492	1494	1497	rVV3	24509	28018	1.57%	0.100%
30	11.183	1501	1504	1507	rVB	31160	28862	1.62%	0.103%
31	11.224	1507	1511	1513	rBV5	23939	32662	1.83%	0.116%
32	11.248	1513	1515	1520	rVB4	19545	25146	1.41%	0.090%
33	11.342	1529	1531	1534	rBV	62609	49890	2.80%	0.178%
34	11.372	1534	1536	1538	rVV	34264	35703	2.00%	0.127%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061318\
Data File : BF106396.D
Acq On : 13 Jun 2018 17:32
Operator : JU/SJ
Sample : J3246-01 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-02-061218

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-BF061118.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.389	1538	1539	1544	rVB	45149	39867	2.24%	0.142%
36	11.495	1553	1557	1560	rBV	1596298	1517434	85.19%	5.411%
37	11.519	1560	1561	1565	rVV	612554	417837	23.46%	1.490%
38	11.572	1567	1570	1572	rVV	167148	125143	7.03%	0.446%
39	11.601	1572	1575	1578	rVV3	28494	38226	2.15%	0.136%
40	11.648	1581	1583	1590	rVB8	16928	24793	1.39%	0.088%
41	11.724	1594	1596	1601	rVB3	42567	44737	2.51%	0.160%
42	11.772	1601	1604	1606	rBV	42083	34541	1.94%	0.123%
43	11.824	1611	1613	1618	rVB2	42196	42588	2.39%	0.152%
44	11.995	1639	1642	1645	rBV	132117	162782	9.14%	0.580%
45	12.024	1645	1647	1650	rVV	186040	152100	8.54%	0.542%
46	12.071	1652	1655	1658	rVV	64151	61276	3.44%	0.219%
47	12.113	1658	1662	1664	rVV2	184129	223489	12.55%	0.797%
48	12.130	1664	1665	1668	rVB	105826	70284	3.95%	0.251%
49	12.177	1671	1673	1676	rBV2	48583	44095	2.48%	0.157%
50	12.230	1679	1682	1685	rVB3	30026	27941	1.57%	0.100%
51	12.289	1690	1692	1695	rVV	82831	87057	4.89%	0.310%
52	12.319	1695	1697	1703	rVB3	59567	74264	4.17%	0.265%
53	12.424	1712	1715	1716	rBV2	29348	27600	1.55%	0.098%
54	12.442	1716	1718	1720	rVV	47381	40273	2.26%	0.144%
55	12.471	1721	1723	1725	rVV	65732	48402	2.72%	0.173%
56	12.495	1725	1727	1730	rVB2	49276	39741	2.23%	0.142%
57	12.548	1732	1736	1738	rBV	151270	149206	8.38%	0.532%
58	12.583	1738	1742	1744	rVV3	64508	96721	5.43%	0.345%
59	12.607	1744	1746	1748	rVB	54126	37108	2.08%	0.132%
60	12.636	1748	1751	1755	rBV3	87547	122354	6.87%	0.436%
61	12.713	1760	1764	1768	rVB	923778	760513	42.70%	2.712%
62	12.754	1768	1771	1773	rBV2	56229	59384	3.33%	0.212%
63	12.807	1777	1780	1782	rVB	79522	64348	3.61%	0.229%
64	12.866	1787	1790	1792	rBV	45676	44522	2.50%	0.159%
65	12.942	1800	1803	1809	rVB	902365	840950	47.21%	2.999%
66	12.995	1809	1812	1815	rVB2	69719	72181	4.05%	0.257%
67	13.077	1819	1826	1835	rVB	1721897	1672380	93.89%	5.964%
68	13.154	1836	1839	1845	rBV4	92081	157673	8.85%	0.562%
69	13.266	1852	1858	1861	rVB	158082	234903	13.19%	0.838%
70	13.295	1861	1863	1865	rBV2	33023	25689	1.44%	0.092%
71	13.336	1867	1870	1872	rVV	119302	89779	5.04%	0.320%

LSC Area Percent Report

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Acq On : 13 Jun 2018 17:32
Operator : JU/SJ
Sample : J3246-01 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-02-061218

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-BF061118.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	13.371	1873	1876	1880	rVB2	138053	137168	7.70%	0.489%
73	13.466	1890	1892	1895	rBV	101322	82601	4.64%	0.295%
74	13.501	1895	1898	1900	rBV	87177	81356	4.57%	0.290%
75	13.642	1920	1922	1924	rBV2	48121	41711	2.34%	0.149%
76	13.777	1943	1945	1949	rVB	76789	72531	4.07%	0.259%
77	13.924	1968	1970	1972	rBV	64192	45800	2.57%	0.163%
78	13.948	1972	1974	1975	rVV	61090	57565	3.23%	0.205%
79	13.971	1975	1978	1985	rVB4	209603	282103	15.84%	1.006%
80	14.148	2003	2008	2011	rBV2	1444240	1760257	98.83%	6.277%
81	14.177	2011	2013	2019	rVB	417144	395786	22.22%	1.411%
82	14.295	2030	2033	2037	rBV2	107661	110598	6.21%	0.394%
83	14.618	2085	2088	2090	rBV3	90424	110300	6.19%	0.393%
84	15.236	2189	2193	2196	rBV	436659	660740	37.10%	2.356%
85	15.295	2200	2203	2209	rVB3	145441	167990	9.43%	0.599%
86	15.560	2245	2248	2253	rVB	285429	352242	19.78%	1.256%
87	15.624	2255	2259	2266	rBV	400490	543448	30.51%	1.938%
88	15.695	2266	2271	2275	rBV	898458	1162478	65.26%	4.145%

Sum of corrected areas: 28041976

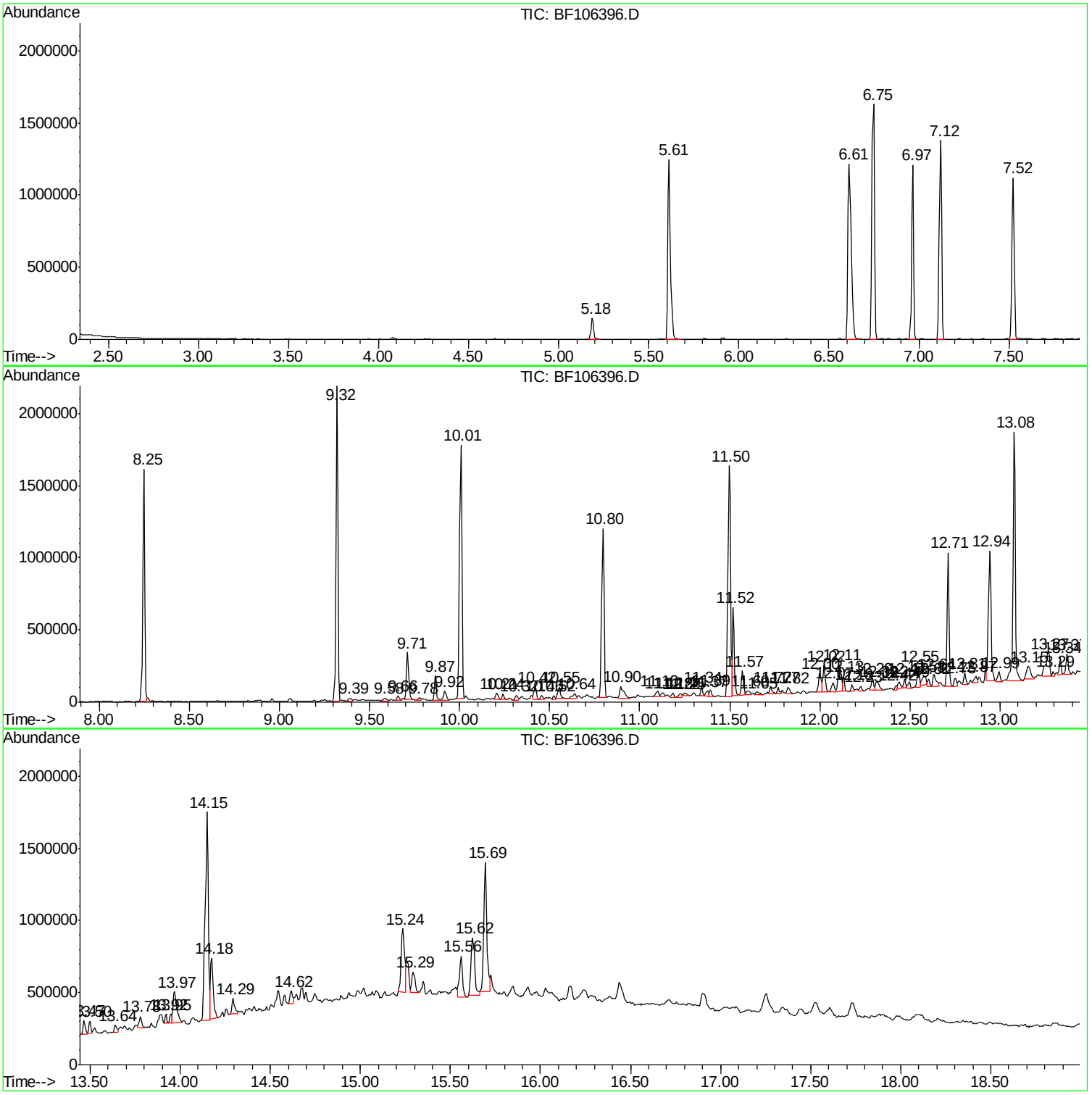
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061318\
Data File : BF106396.D
Acq On : 13 Jun 2018 17:32
Operator : JU/SJ
Sample : J3246-01 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OK-02-061218

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.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\BF061318\
Data File : BF106396.D
Acq On : 13 Jun 2018 17:32
Operator : JU/SJ
Sample : J3246-01 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-02-061218

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

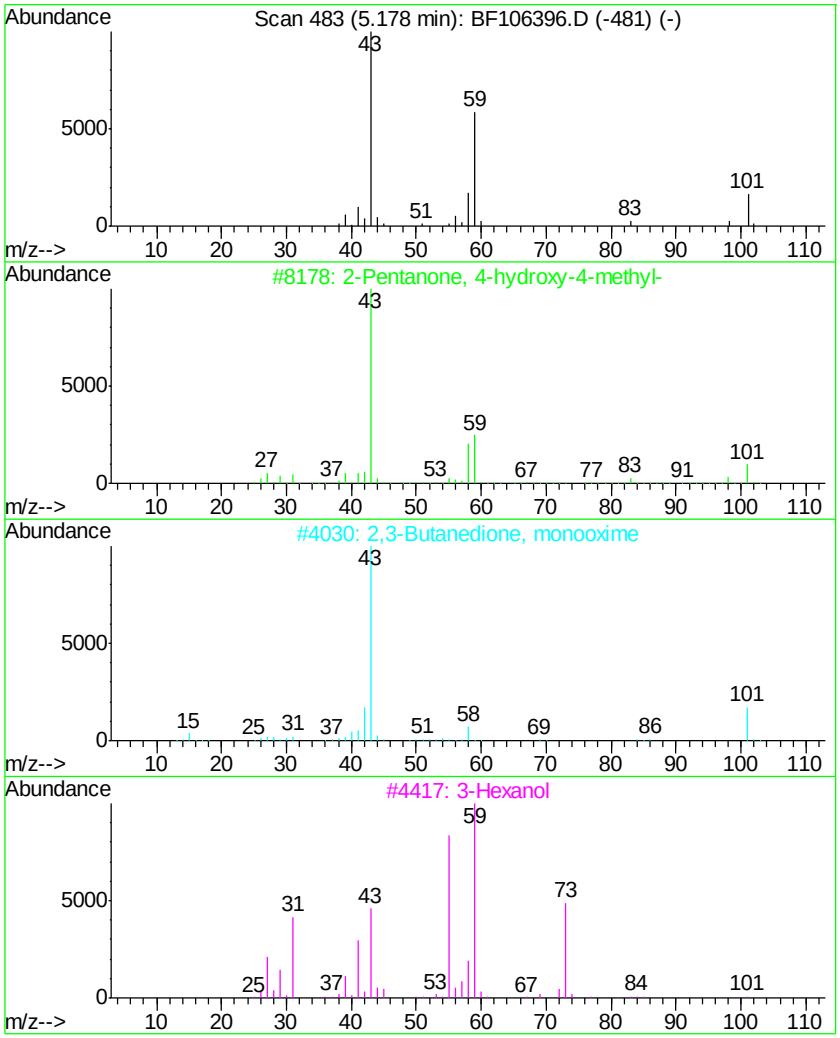
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

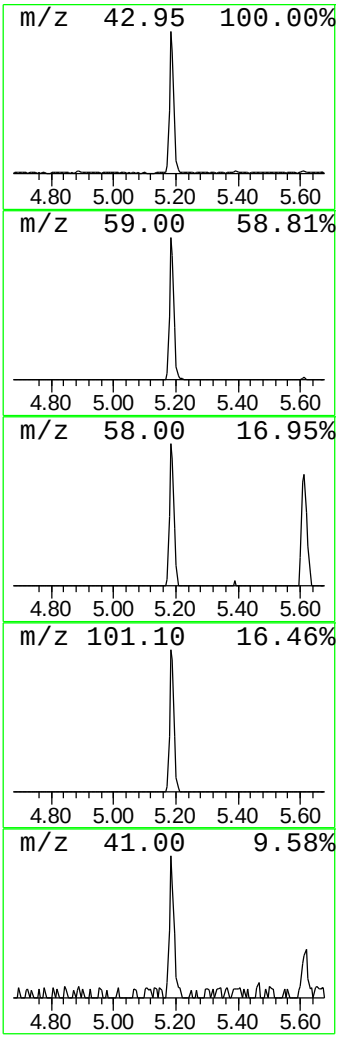
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.18	3.09 ng	149693	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	38
3	3-Hexanol	102	C6H14O	000623-37-0	36
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061318\
Data File : BF106396.D
Acq On : 13 Jun 2018 17:32
Operator : JU/SJ
Sample : J3246-01 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-02-061218

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

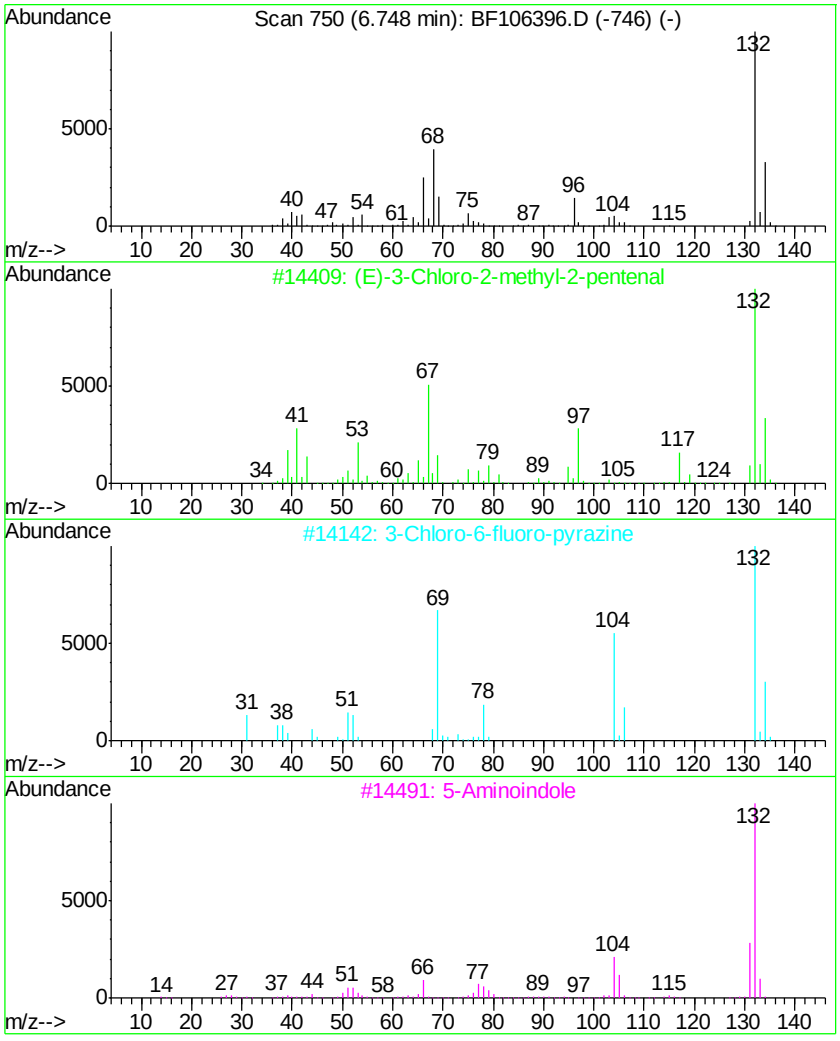
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

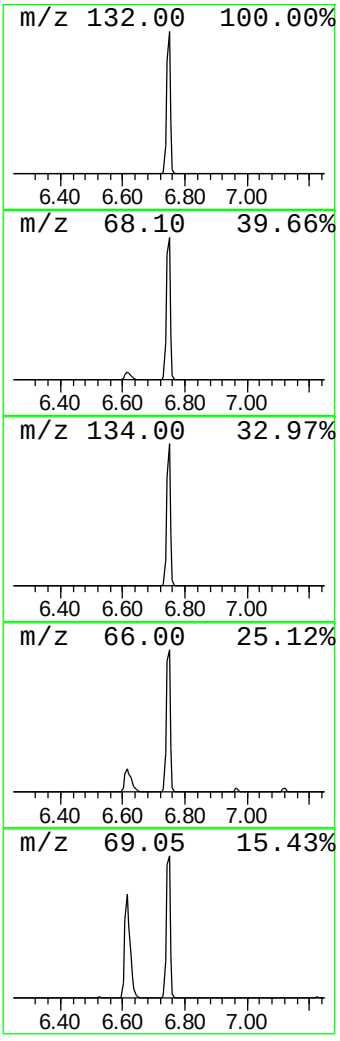
****

Peak Number 2 unknown6.75 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.75	29.13 ng	1410510	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061318\
Data File : BF106396.D
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Sample : J3246-01 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-02-061218

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

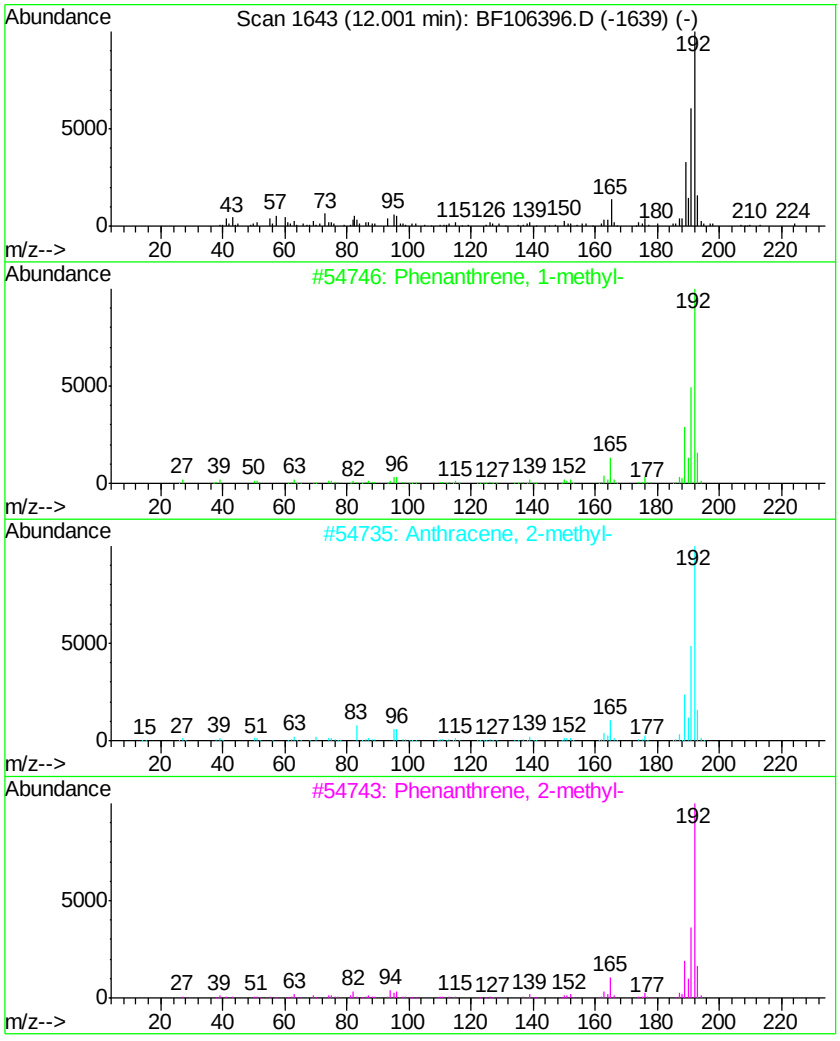
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

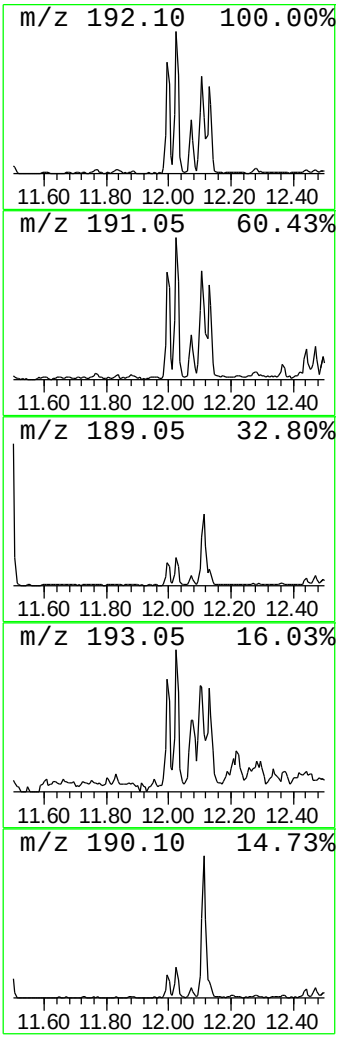
****

Peak Number 4 Phenanthrene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.00	2.15 ng	162782	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
4	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	94
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93





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Data File : BF106396.D
Acq On : 13 Jun 2018 17:32
Operator : JU/SJ
Sample : J3246-01 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-02-061218

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

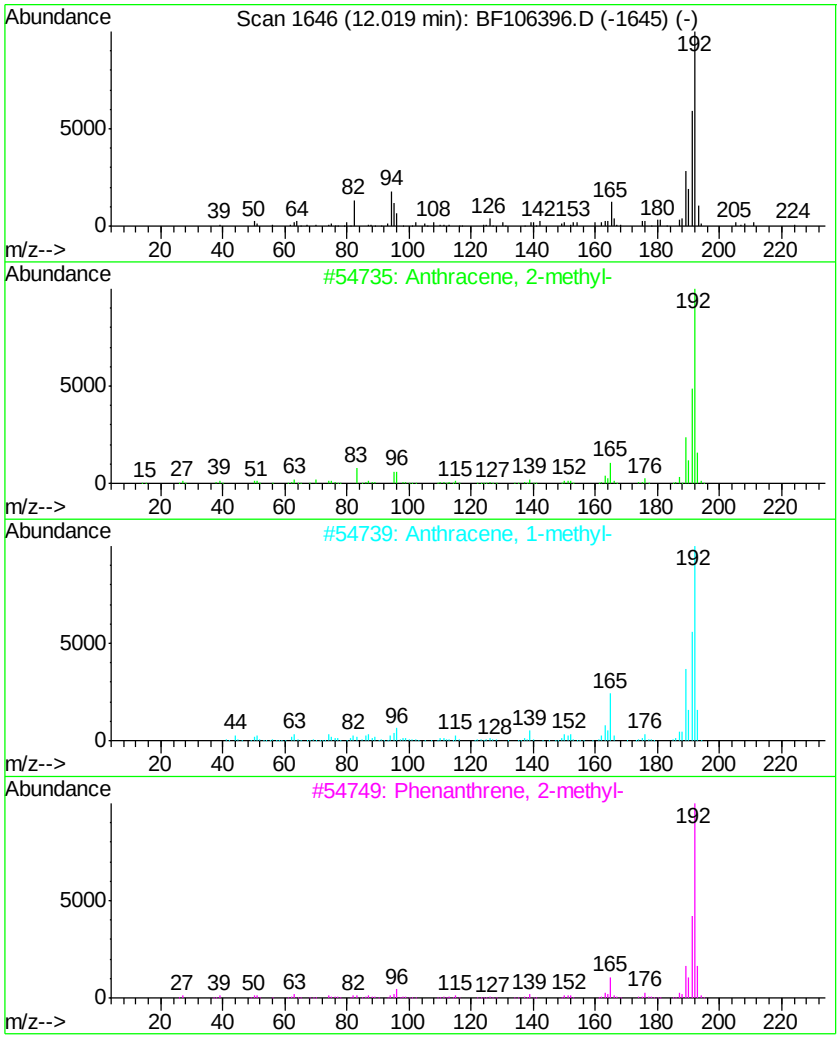
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

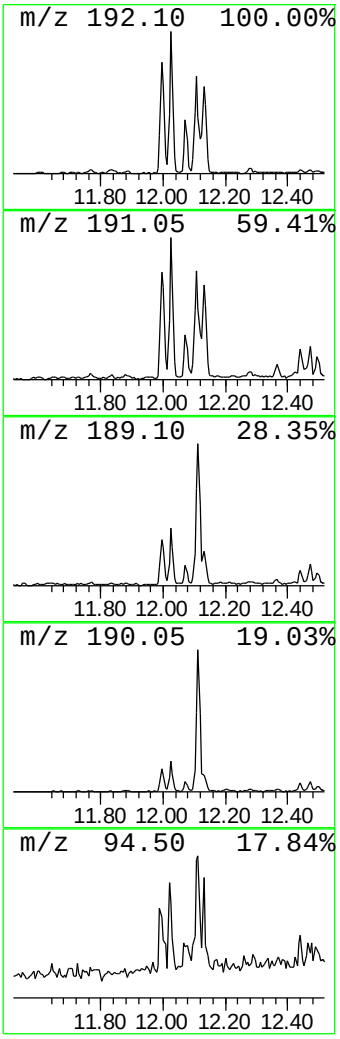
****

Peak Number 5 Anthracene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.02	2.00 ng	152100	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	94
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061318\
Data File : BF106396.D
Acq On : 13 Jun 2018 17:32
Operator : JU/SJ
Sample : J3246-01 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-02-061218

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

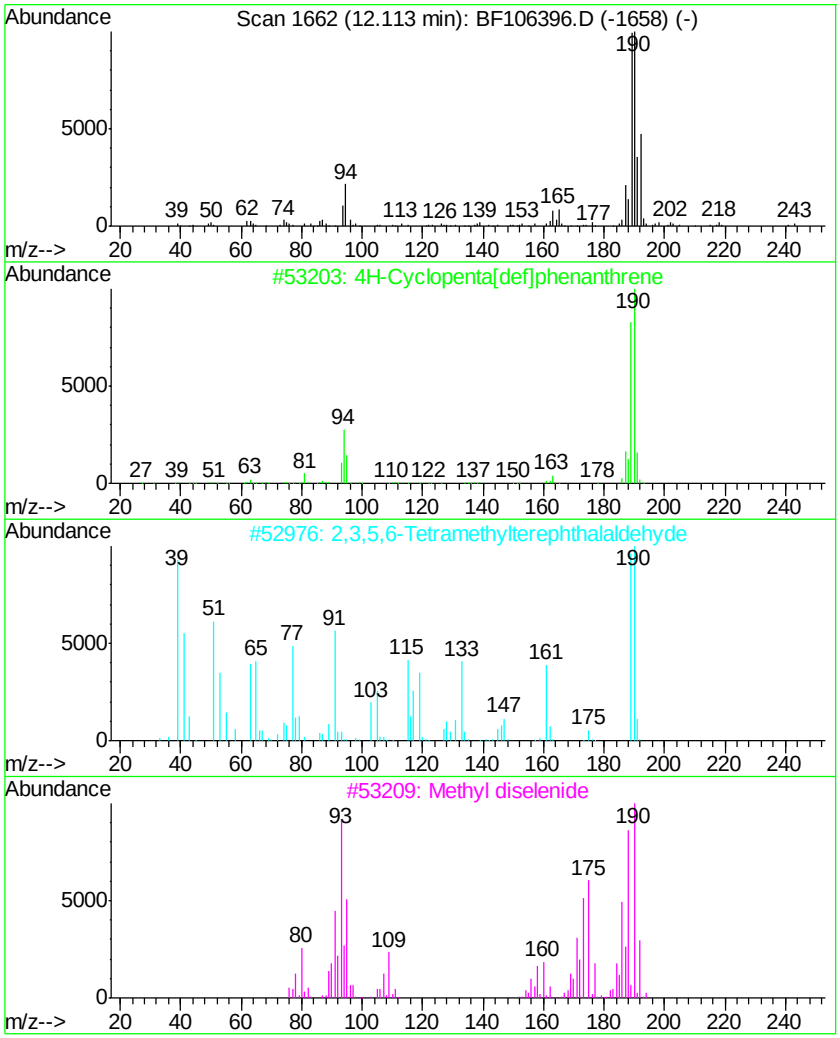
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

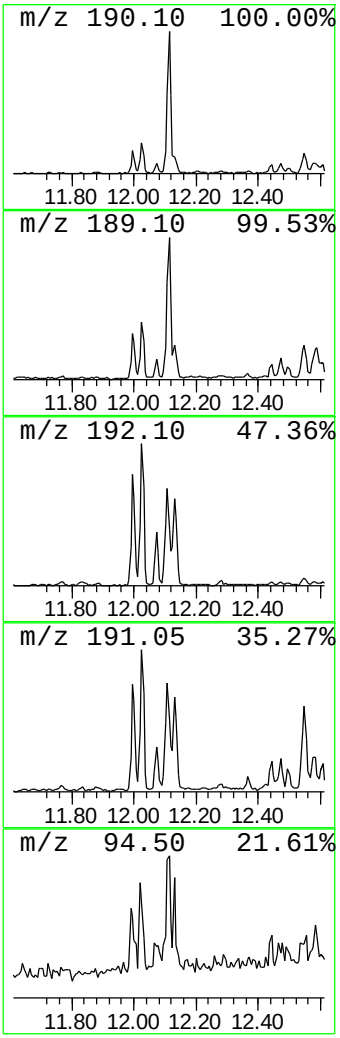
****

Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.11	2.95 ng	223489	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	81
2	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	47
3	Methyl diselenide	190	C2H6Se2	007101-31-7	45
4	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	45
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	42





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061318\
Data File : BF106396.D
Acq On : 13 Jun 2018 17:32
Operator : JU/SJ
Sample : J3246-01 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-02-061218

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.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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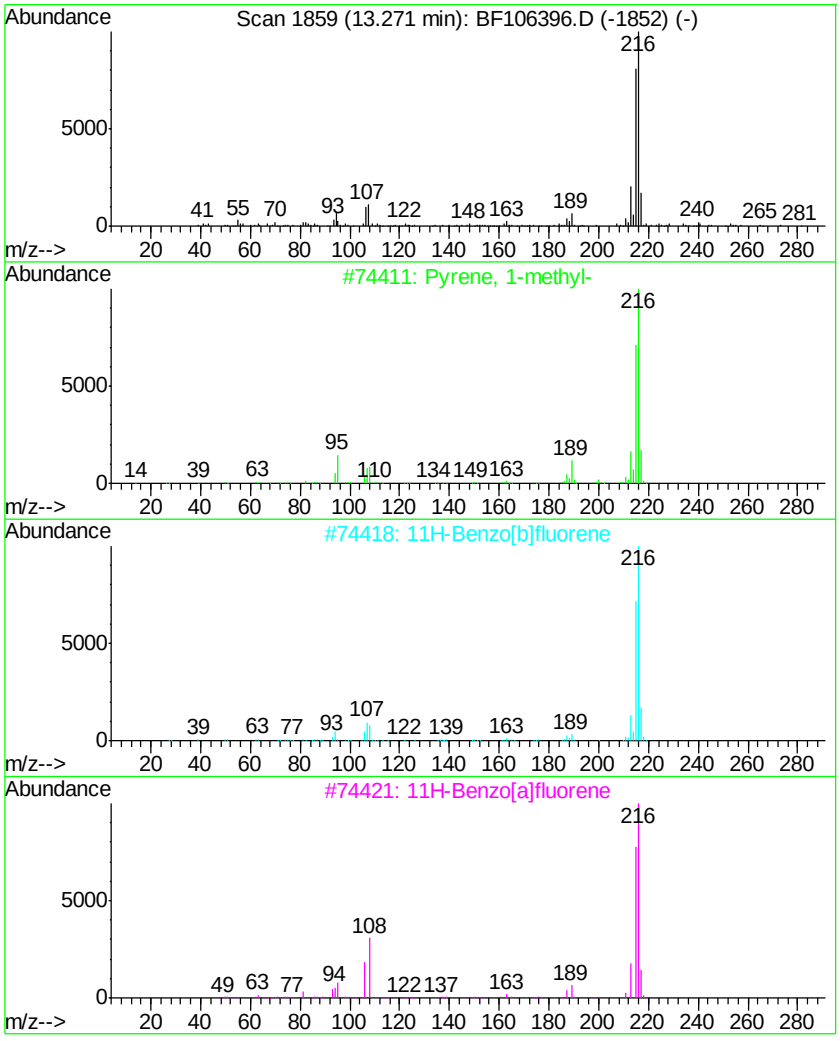
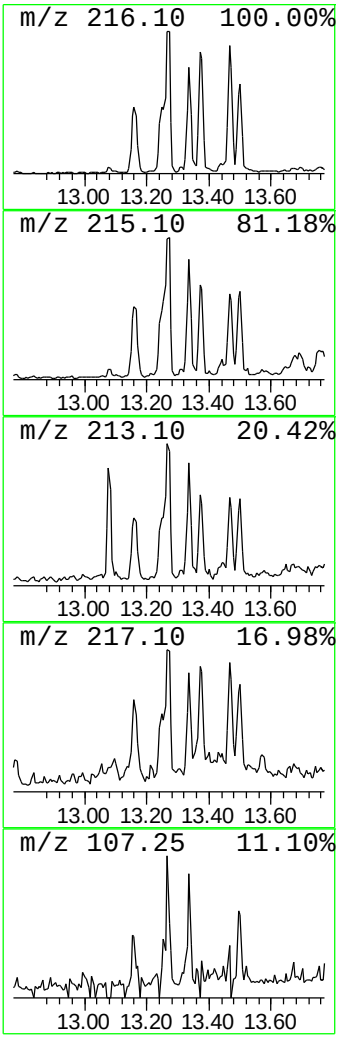
Peak Number 7 Pyrene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.27	2.67 ng	234903	Chrysene-d12	14.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	72





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Data File : BF106396.D
Acq On : 13 Jun 2018 17:32
Operator : JU/SJ
Sample : J3246-01 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-02-061218

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.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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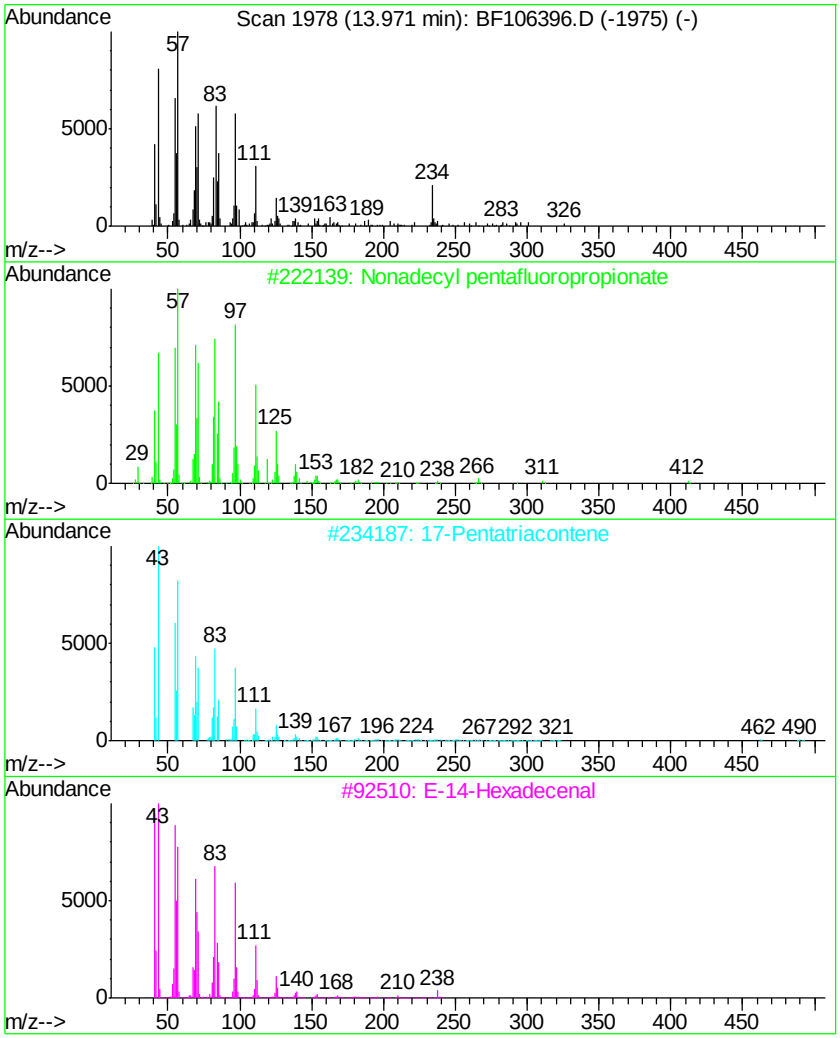
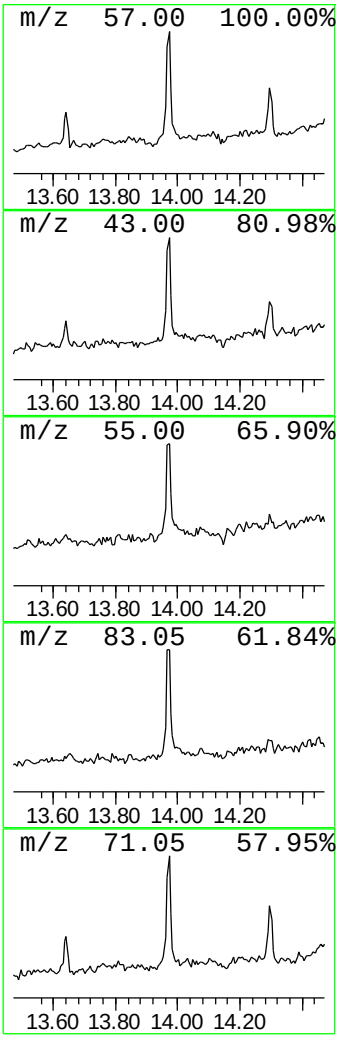
Peak Number 8 Nonadecyl pentafluoropropio... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.97	3.21 ng	282103	Chrysene-d12	14.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	83
2	17-Pentatriacontene	491	C35H70	006971-40-0	83
3	E-14-Hexadecenal	238	C16H30O	330207-53-9	78
4	1-Heneicosanol	312	C21H44O	015594-90-8	76
5	Pentafluoropropionic acid, octad...	416	C21H37F5O2	959261-25-7	74





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061318\
Data File : BF106396.D
Acq On : 13 Jun 2018 17:32
Operator : JU/SJ
Sample : J3246-01 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-02-061218

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.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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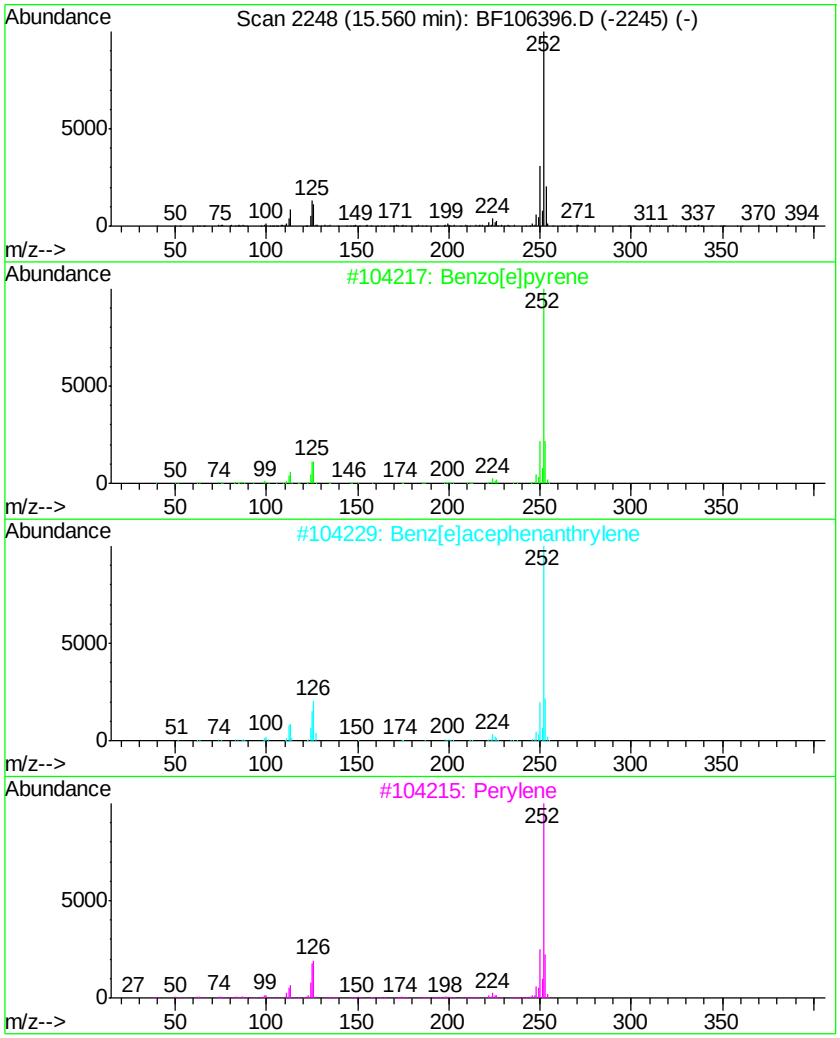
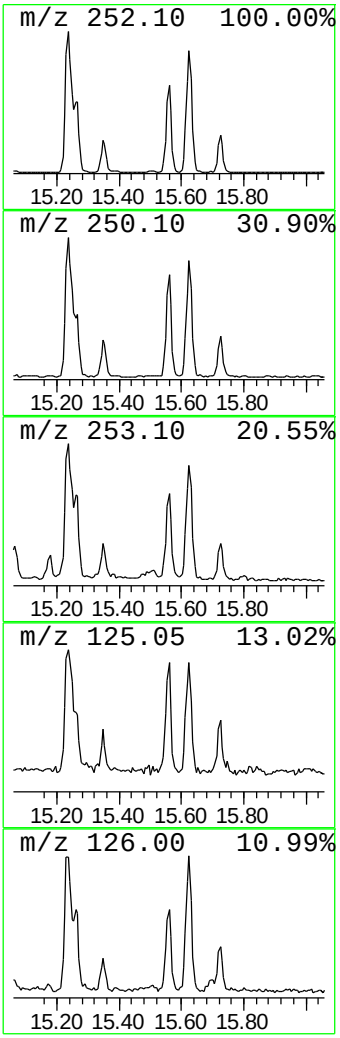
Peak Number 9 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.56	6.06 ng	352242	Perylene-d12	15.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	96
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	95
3	Perylene	252	C20H12	000198-55-0	90
4	Benzo[a]pyrene	252	C20H12	000050-32-8	90
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF061318\
Data File : BF106396.D
Acq On : 13 Jun 2018 17:32
Operator : JU/SJ
Sample : J3246-01 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-02-061218

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.18	3.1	ng	149693	1	6.97	968352	20.0
unknown6.75	6.75	29.1	ng	1410510	1	6.97	968352	20.0
Phenanthrene, 1-m...	12.00	2.1	ng	162782	4	11.50	1517430	20.0
Anthracene, 2-met...	12.02	2.0	ng	152100	4	11.50	1517430	20.0
4H-Cyclopenta[def...	12.11	3.0	ng	223489	4	11.50	1517430	20.0
Pyrene, 1-methyl-	13.27	2.7	ng	234903	5	14.15	1760260	20.0
Nonadecyl pentafl...	13.97	3.2	ng	282103	5	14.15	1760260	20.0
Benzo[e]pyrene	15.56	6.1	ng	352242	6	15.69	1162480	20.0