LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF063018\
Data File : BF107029.D
Acq On : 30 Jun 2018 21:44
Operator : JU/SJ
Sample : J3638-01 2X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P-1

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-BF061918.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	480	484	496	rBV	63790	72167	2.95%	0.264%
2	5.595	550	554	570	rVB	932123	923729	37.77%	3.375%
3	5.795	585	588	594	rVB	98704	83116	3.40%	0.304%
4	6.601	721	725	741	rBV	881876	940066	38.44%	3.434%
5	6.731	743	747	752	rBV	1109513	925630	37.85%	3.381%
6	6.954	781	785	788	rBV	509603	420383	17.19%	1.536%
7	7.107	807	811	815	rBV	914016	758717	31.02%	2.772%
8	7.519	876	881	888	rBV	537635	538364	22.01%	1.967%
9	8.166	987	991	994	rBV	30035	30487	1.25%	0.111%
10	8.236	999	1003	1006	rBV	546051	476002	19.46%	1.739%
11	8.948	1122	1124	1126	rBV	30135	26567	1.09%	0.097%
12	9.048	1138	1141	1146	rVB	29649	33136	1.35%	0.121%
13	9.236	1167	1173	1175	rBV2	40779	49789	2.04%	0.182%
14	9.307	1181	1185	1191	rBV	1169391	999977	40.89%	3.653%
15	9.377	1193	1197	1201	rVV2	65030	78406	3.21%	0.286%
16	9.577	1228	1231	1235	rVB3	24835	28010	1.15%	0.102%
17	9.648	1240	1243	1246	rVV2	36675	35473	1.45%	0.130%
18	9.695	1246	1251	1257	rVB2	142970	192414	7.87%	0.703%
19	9.854	1274	1278	1282	rBV	107138	137912	5.64%	0.504%
20	9.901	1282	1286	1288	rVB2	84030	87145	3.56%	0.318%
21	9.942	1290	1293	1295	rBV3	31781	35090	1.43%	0.128%
22	9.972	1295	1298	1299	rVV	43116	43182	1.77%	0.158%
23	9.995	1299	1302	1305	rVV2	534041	469781	19.21%	1.716%
24	10.025	1305	1307	1310	rVB	128653	111090	4.54%	0.406%
25	10.201	1333	1337	1340	rBV2	51648	70056	2.86%	0.256%
26	10.230	1340	1342	1345	rVB4	37080	34805	1.42%	0.127%
27	10.307	1352	1355	1356	rBV	46441	44525	1.82%	0.163%
28	10.401	1367	1371	1373	rBV2	101855	99238	4.06%	0.363%
29	10.542	1392	1395	1400	rVB	122884	120690	4.93%	0.441%
30	10.619	1404	1408	1411	rVB3	65952	97235	3.98%	0.355%
31	10.701	1420	1422	1425	rVB2	36560	25811	1.06%	0.094%
32	10.789	1433	1437	1440	rBV	648713	593159	24.25%	2.167%
33	10.889	1449	1454	1458	rBV3	127867	204895	8.38%	0.749%
34	11.124	1491	1494	1499	rBV2	54123	75420	3.08%	0.276%

LSC Area Percent Report

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Misc :
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Instrument : BNA_F
ClientSampleId : P-1

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-BF061918.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.295	1521	1523	1526	rVB	72125	48584	1.99%	0.177%
36	11.324	1526	1528	1530	rVV2	79470	65116	2.66%	0.238%
37	11.354	1531	1533	1535	rVV	89843	77747	3.18%	0.284%
38	11.383	1536	1538	1545	rVB	89829	83511	3.41%	0.305%
39	11.489	1553	1556	1558	rBV	548238	485834	19.87%	1.775%
40	11.519	1558	1561	1564	rVB	1271534	1110823	45.42%	4.058%
41	11.566	1566	1569	1573	rBV	292537	241726	9.88%	0.883%
42	11.724	1591	1596	1599	rBV2	177521	210993	8.63%	0.771%
43	11.819	1610	1612	1616	rVB2	69931	63262	2.59%	0.231%
44	11.989	1639	1641	1644	rBV	183702	169937	6.95%	0.621%
45	12.019	1644	1646	1650	rVB	254103	210366	8.60%	0.768%
46	12.066	1652	1654	1657	rVB	88210	82699	3.38%	0.302%
47	12.107	1657	1661	1663	rBV2	332972	355756	14.55%	1.300%
48	12.283	1689	1691	1694	rBV	149148	126970	5.19%	0.464%
49	12.318	1695	1697	1701	rVB	194983	178730	7.31%	0.653%
50	12.466	1720	1722	1724	rBV	72738	50845	2.08%	0.186%
51	12.542	1732	1735	1738	rBV2	158673	193533	7.91%	0.707%
52	12.636	1748	1751	1754	rBV2	154388	178694	7.31%	0.653%
53	12.718	1760	1765	1768	rBV	1967212	2157618	88.22%	7.882%
54	12.742	1768	1769	1772	rVB	46677	38006	1.55%	0.139%
55	12.948	1797	1804	1808	rBV2	1740262	2445651	100.00%	8.934%
56	12.989	1809	1811	1815	rVB	142132	135512	5.54%	0.495%
57	13.071	1821	1825	1828	rBV2	1018244	1015352	41.52%	3.709%
58	13.101	1828	1830	1833	rVB	133017	130385	5.33%	0.476%
59	13.154	1836	1839	1840	rBV	121424	146044	5.97%	0.534%
60	13.336	1867	1870	1872	rVB	189757	146404	5.99%	0.535%
61	13.471	1890	1893	1895	rBV	138764	128395	5.25%	0.469%
62	13.501	1895	1898	1901	rBV2	150615	177629	7.26%	0.649%
63	13.783	1943	1946	1950	rVB	248554	217506	8.89%	0.795%
64	13.889	1962	1964	1967	rBV2	162437	155186	6.35%	0.567%
65	13.918	1967	1969	1971	rVV	190768	137584	5.63%	0.503%
66	13.948	1971	1974	1979	rVV2	252761	323743	13.24%	1.183%
67	13.989	1979	1981	1985	rVB	177237	167050	6.83%	0.610%
68	14.142	2003	2007	2010	rBV2	923019	1342172	54.88%	4.903%
69	14.177	2010	2013	2016	rVB	930594	839567	34.33%	3.067%
70	14.254	2024	2026	2031	rBV	207128	207721	8.49%	0.759%
71	15.236	2188	2193	2196	rBV	698825	1183662	48.40%	4.324%

LSC Area Percent Report

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Misc :
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Instrument : BNA_F
ClientSampleId : P-1

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

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Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	15.348	2209	2212	2215	rVB	152633	175128	7.16%	0.640%
73	15.559	2244	2248	2253	rVB	439062	564146	23.07%	2.061%
74	15.624	2255	2259	2263	rVV	624924	836881	34.22%	3.057%
75	15.689	2267	2270	2273	rVV	238980	316887	12.96%	1.158%
76	15.724	2273	2276	2282	rVB	222996	321670	13.15%	1.175%
77	17.277	2534	2540	2548	rVB	340251	702594	28.73%	2.567%
78	17.765	2617	2623	2632	rVB	265105	563503	23.04%	2.059%

Sum of corrected areas: 27373589

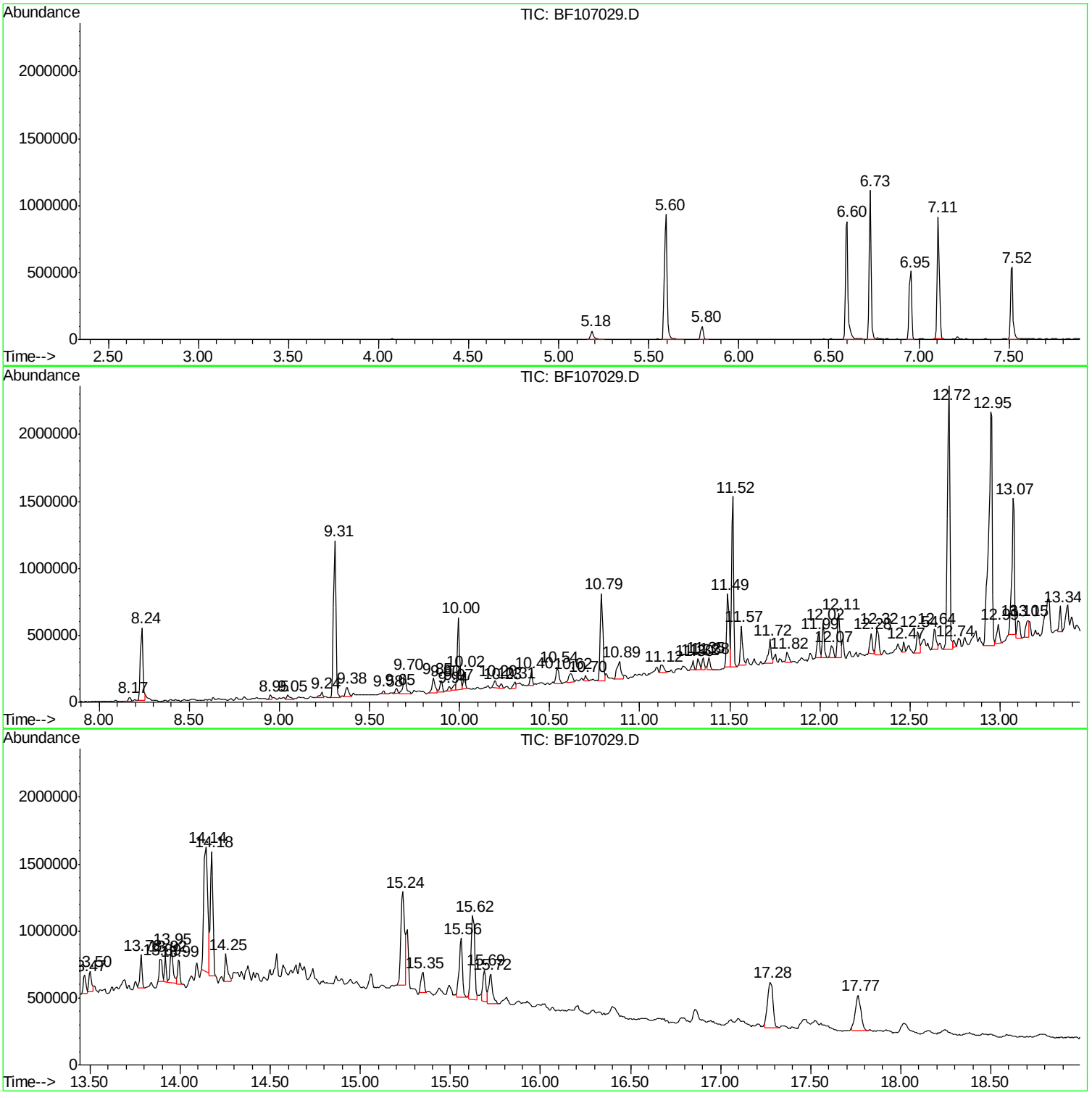
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF063018\
Data File : BF107029.D
Acq On : 30 Jun 2018 21:44
Operator : JU/SJ
Sample : J3638-01 2X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.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\BF063018\
Data File : BF107029.D
Acq On : 30 Jun 2018 21:44
Operator : JU/SJ
Sample : J3638-01 2X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

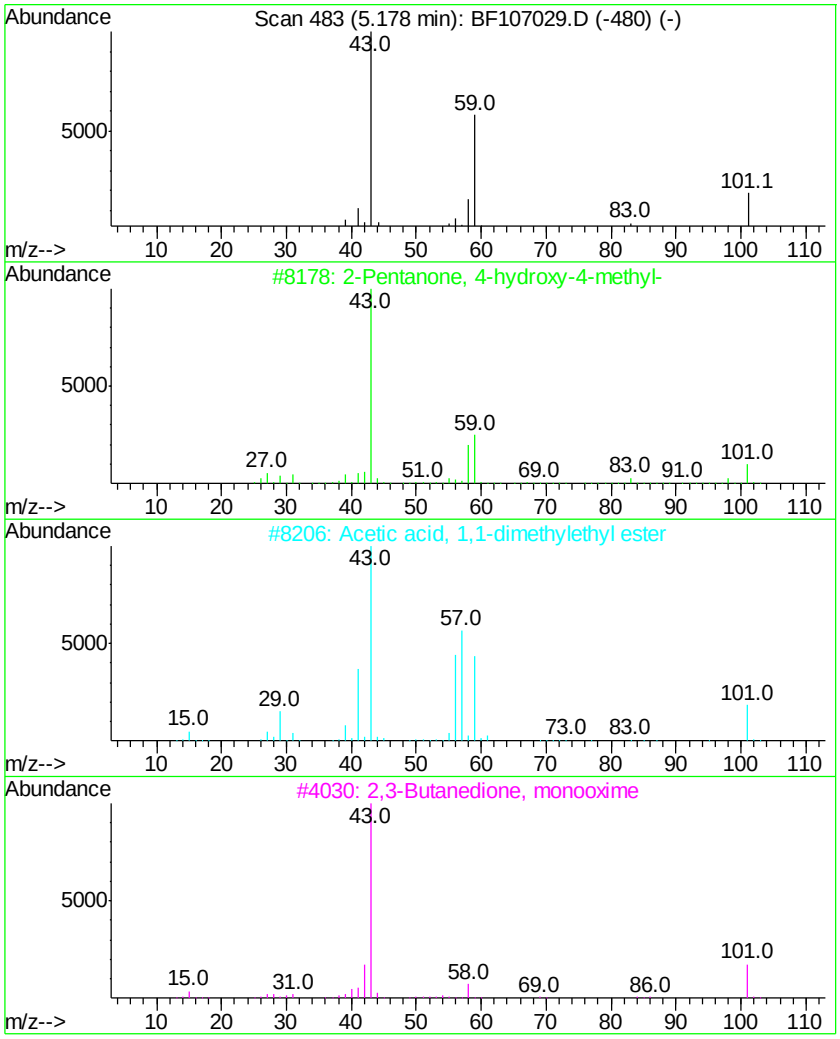
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

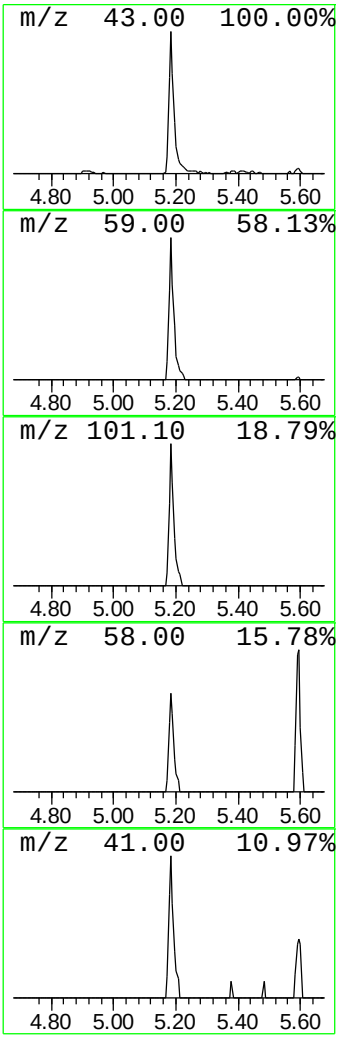
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.18	3.43 ng	72167	1,4-Dichlorobenzene-d4	6.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	40
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	38
4	3-Hexanol	102	C6H14O	000623-37-0	33
5	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	25





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF063018\
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Misc :
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Instrument : BNA_F
ClientSampleId : P-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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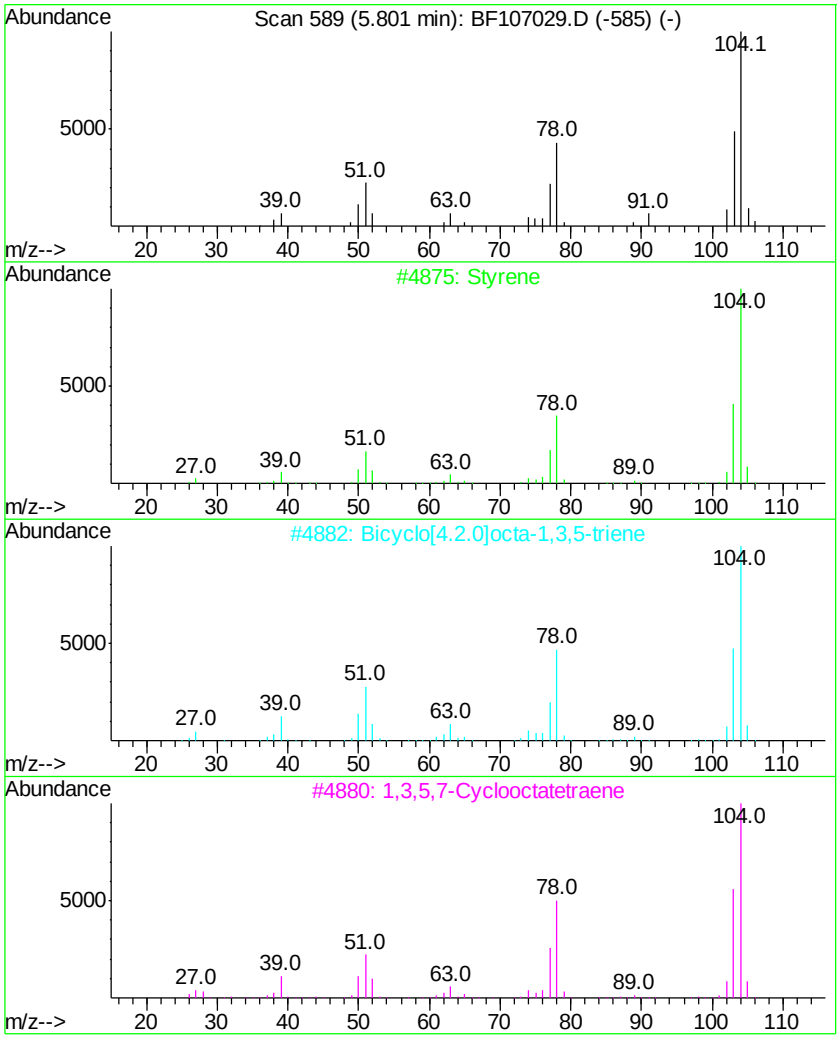
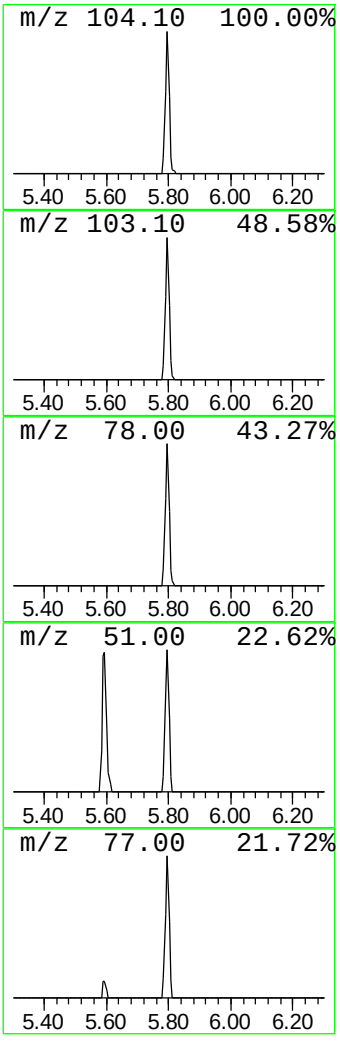
Peak Number 2 Styrene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.80	3.95 ng	83116	1,4-Dichlorobenzene-d4	6.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Styrene	104	C8H8	000100-42-5	97
2	Bicyclo[4.2.0]octa-1,3,5-triene	104	C8H8	000694-87-1	96
3	1,3,5,7-Cyclooctatetraene	104	C8H8	000629-20-9	96
4	Butanedioic acid, phenyl-	194	C10H10O4	000635-51-8	64
5	1,3,7-Octatrien-5-yne	104	C8H8	016607-77-5	25





Library Search Compound Report

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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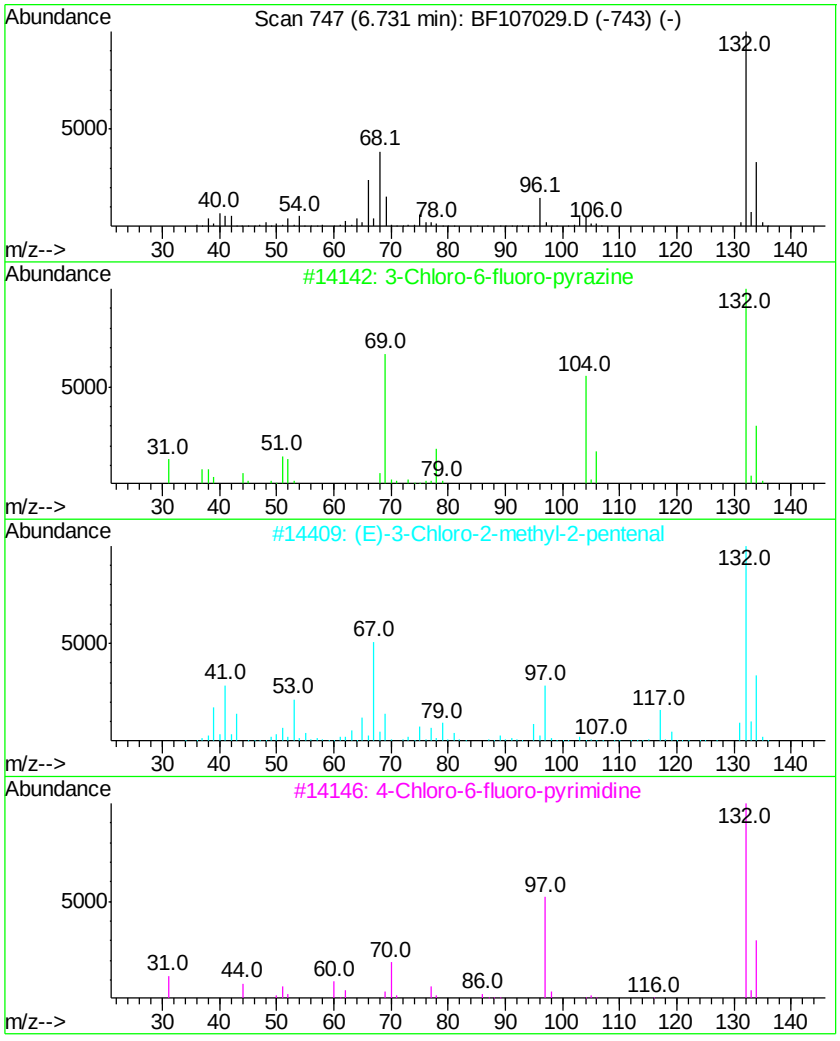
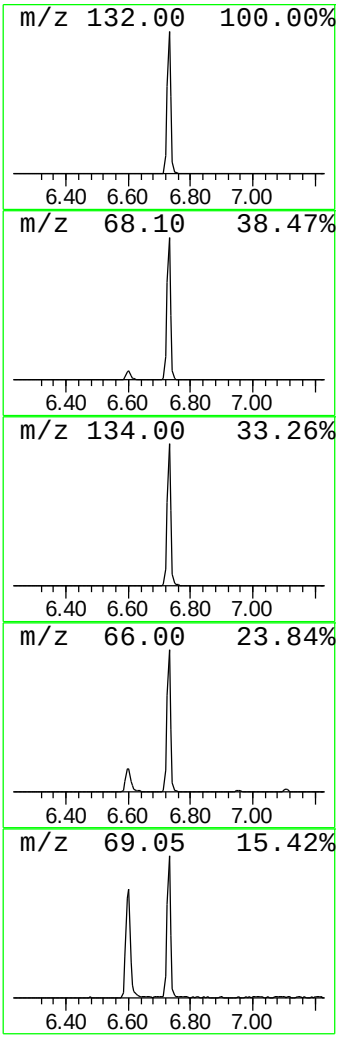
Peak Number 3 unknown6.73 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.73	44.04 ng	925630	1,4-Dichlorobenzene-d4	6.95

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	12
3	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	9
5	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9





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TIC Library : C:\DATABASE\NIST11.L
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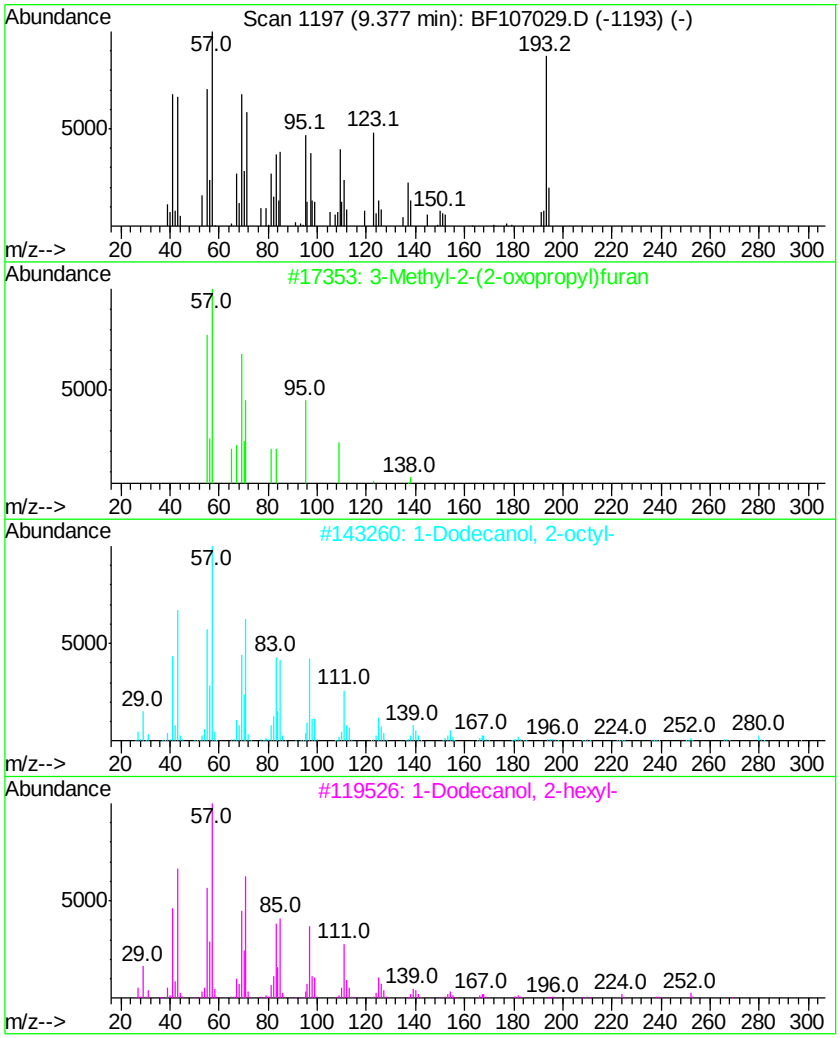
Peak Number 5 unknown9.38 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.38	3.34 ng	78406	Acenaphthene-d10	10.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Methyl-2-(2-oxopropyl)furan	138	C8H10O2	087773-62-4	35
2	1-Dodecanol, 2-octyl-	298	C20H42O	005333-42-6	35
3	1-Dodecanol, 2-hexyl-	270	C18H38O	110225-00-8	35
4	1-Decanol, 2-octyl-	270	C18H38O	045235-48-1	35
5	Octatriacontyl pentafluoropropio...	697	C41H77F5O2	1000351-89-1	35



m/z 57.05 100.00%

m/z 193.15 87.42%

m/z 55.00 70.65%

m/z 41.00 68.02%

m/z 69.10 67.61%

Library Search Compound Report

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Instrument : BNA_F
ClientSampleId : P-1

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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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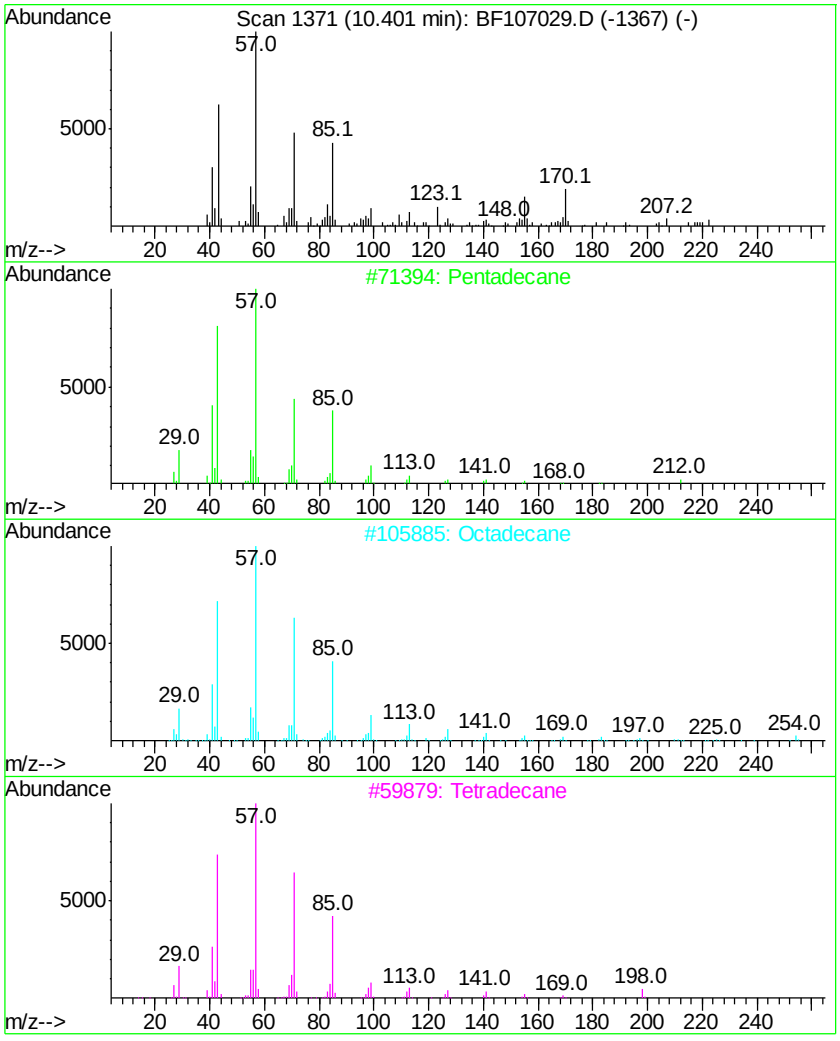
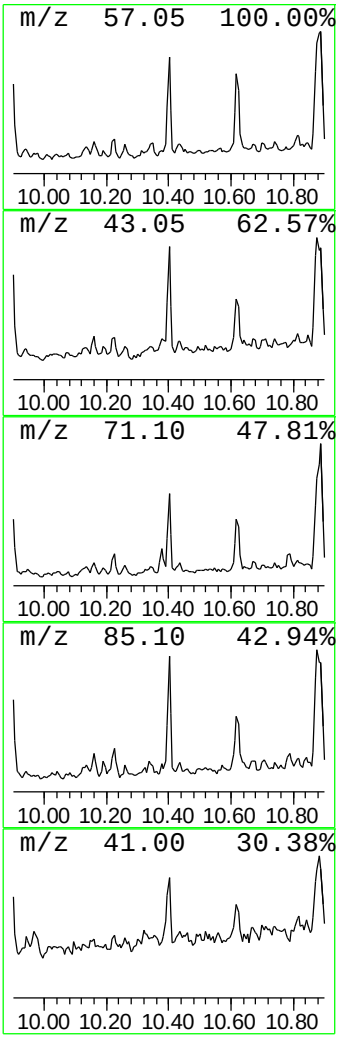
Peak Number 6 Pentadecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.40	4.22 ng	99238	Acenaphthene-d10	10.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	62
2	Octadecane	254	C18H38	000593-45-3	58
3	Tetradecane	198	C14H30	000629-59-4	58
4	Hexadecane	226	C16H34	000544-76-3	58
5	Tetracosane	338	C24H50	000646-31-1	58





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Data File : BF107029.D
Acq On : 30 Jun 2018 21:44
Operator : JU/SJ
Sample : J3638-01 2X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.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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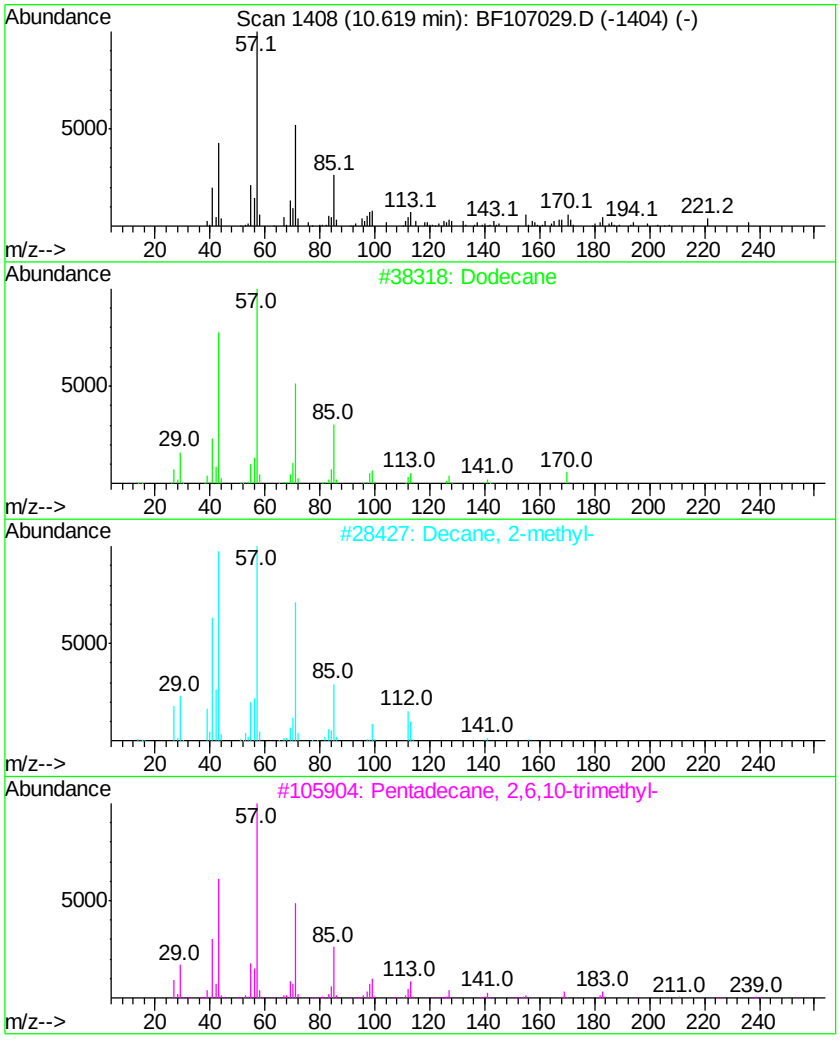
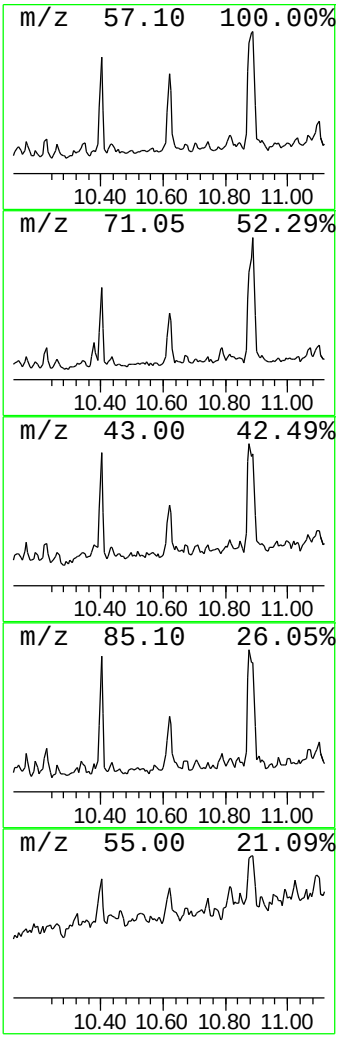
Peak Number 7 Dodecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.62	4.14 ng	97235	Acenaphthene-d10	10.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	90
2	Decane, 2-methyl-	156	C11H24	006975-98-0	76
3	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	72
4	Heptacosane	380	C27H56	000593-49-7	64
5	Tridecane, 6-methyl-	198	C14H30	013287-21-3	59





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF063018\
Data File : BF107029.D
Acq On : 30 Jun 2018 21:44
Operator : JU/SJ
Sample : J3638-01 2X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

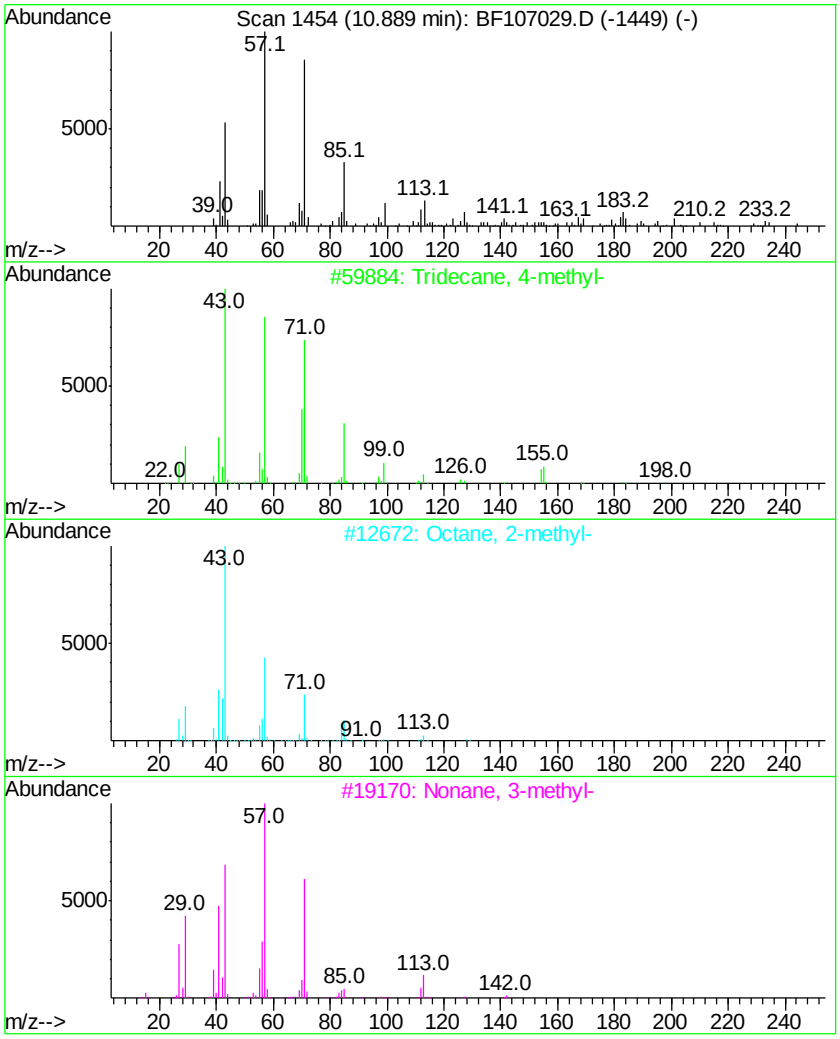
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

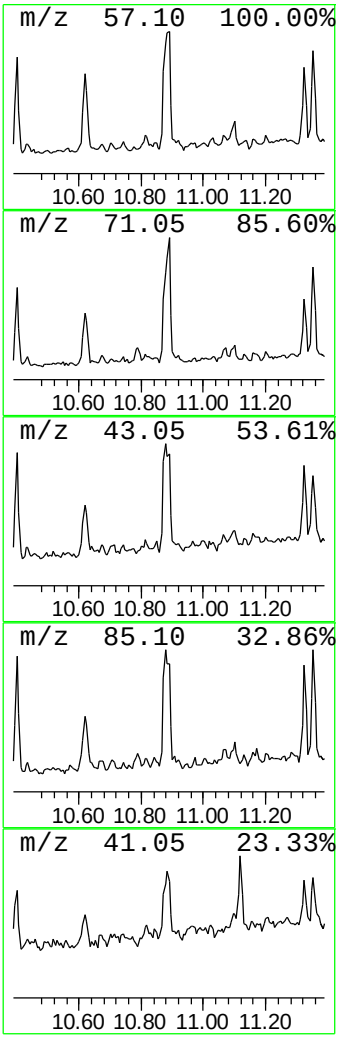
****

Peak Number 8 Tridecane, 4-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.89	8.43 ng	204895	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 4-methyl-	198	C14H30	026730-12-1	87
2	Octane, 2-methyl-	128	C9H20	003221-61-2	81
3	Nonane, 3-methyl-	142	C10H22	005911-04-6	64
4	Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	64
5	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	64





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Acq On : 30 Jun 2018 21:44
Operator : JU/SJ
Sample : J3638-01 2X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P-1

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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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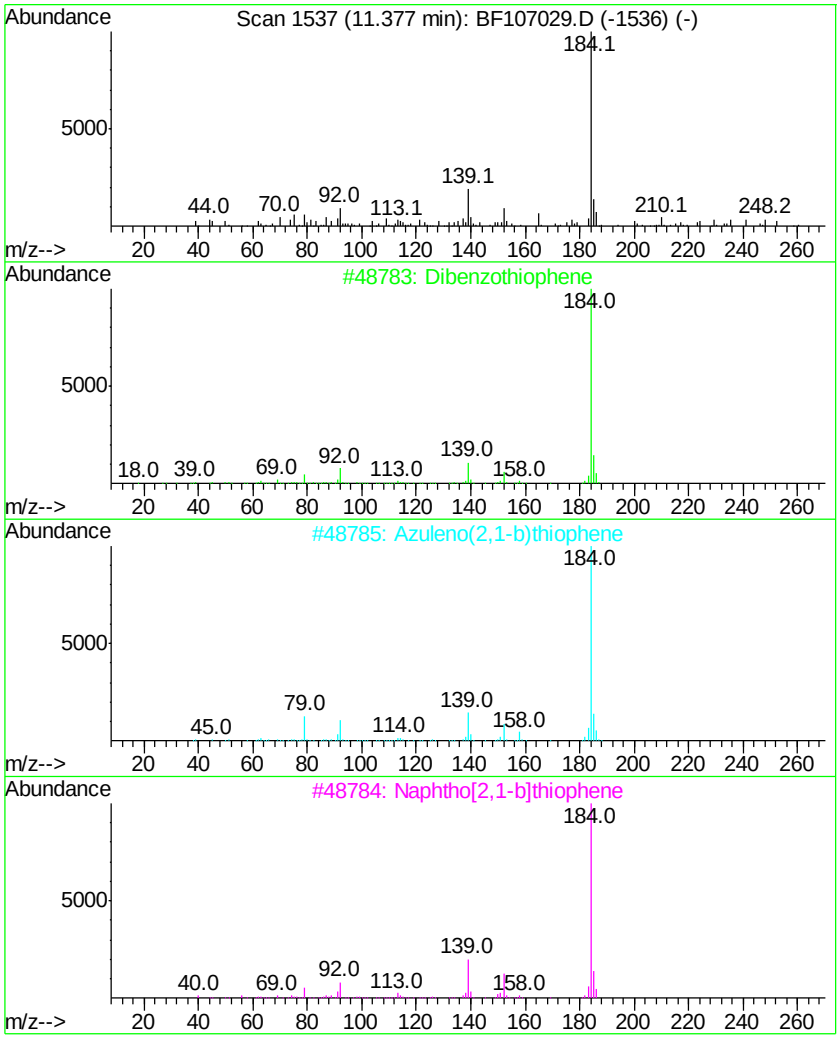
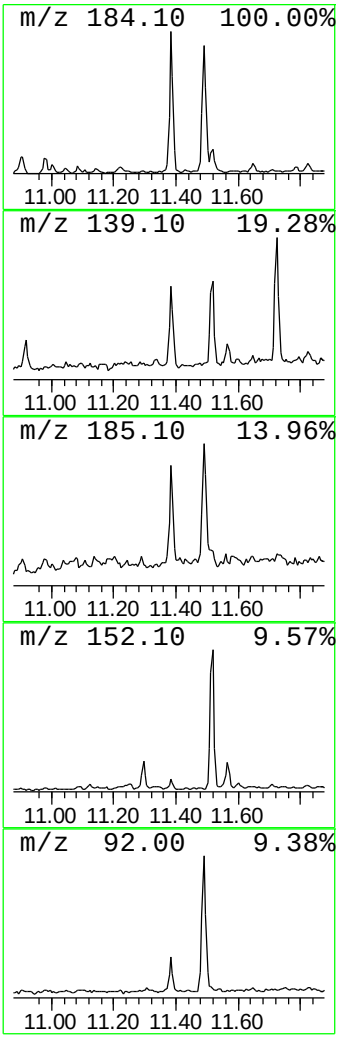
Peak Number 9 Dibenzothiophene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.38	3.44 ng	83511	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	93
2	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	87
3	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	87
4	Thianthrene, 5-oxide	232	C12H8OS2	002362-50-7	78
5	Naphthalene, 2-ethenyl-6-methoxy-	184	C13H12O	063444-51-9	64





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Instrument : BNA_F
ClientSampleId : P-1

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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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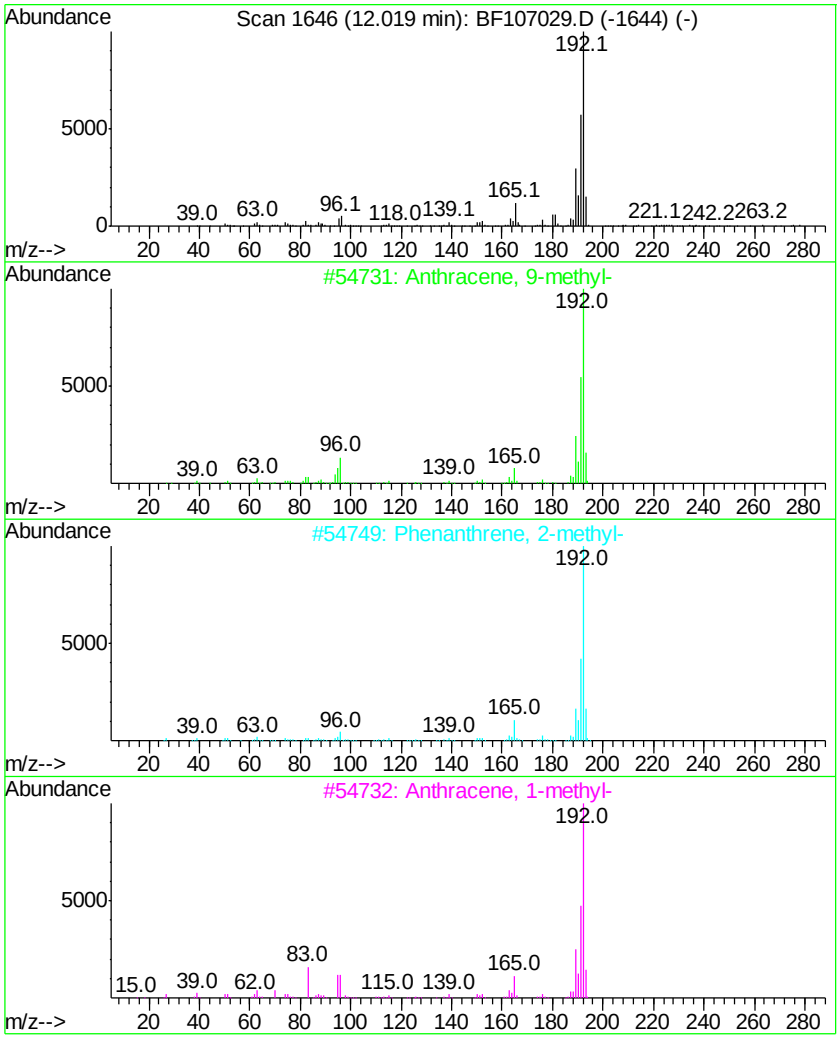
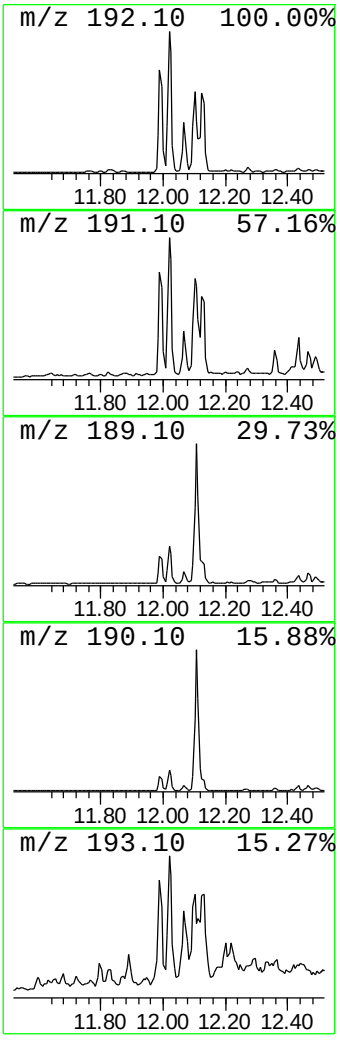
Peak Number 11 Anthracene, 9-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.02	8.66 ng	210366	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93





Library Search Compound Report

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Sample : J3638-01 2X
Misc :
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ClientSampleId : P-1

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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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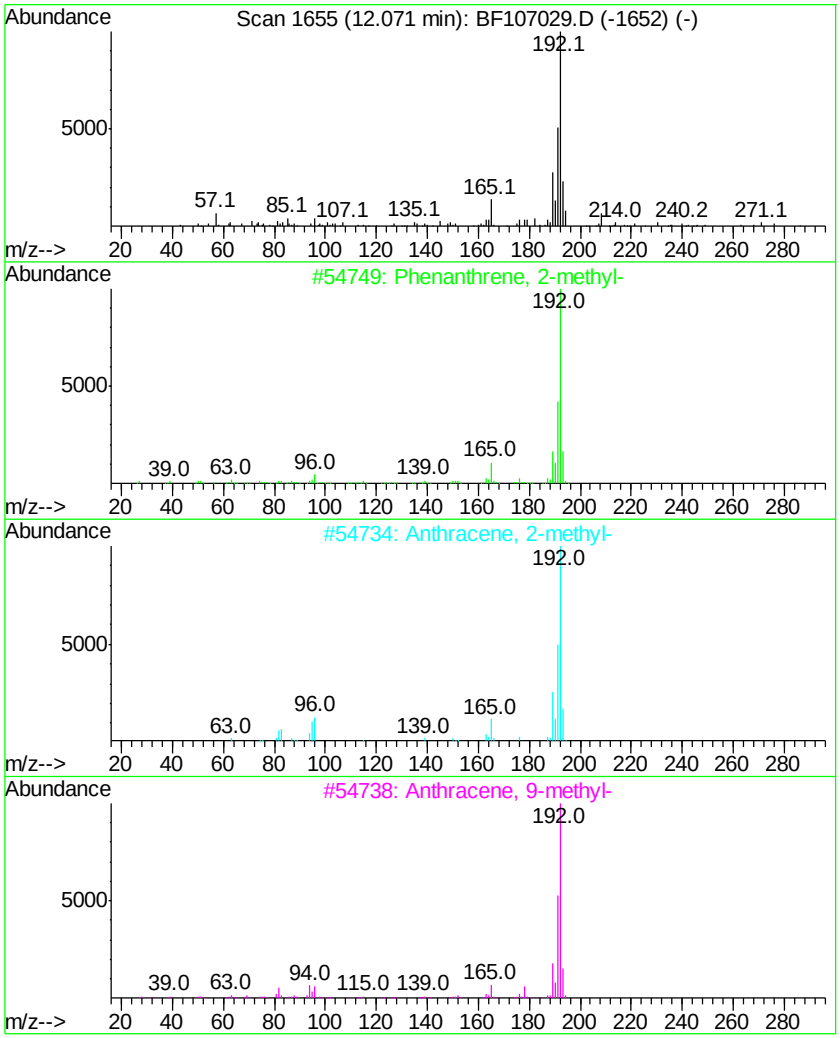
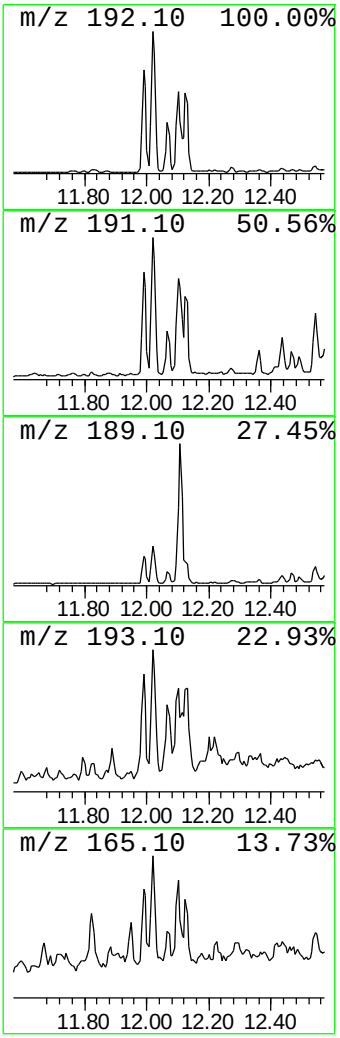
Peak Number 12 Phenanthrene, 2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.07	3.40 ng	82699	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	87
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	87
4	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	87
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	87





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Sample : J3638-01 2X
Misc :
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Instrument : BNA_F
ClientSampleId : P-1

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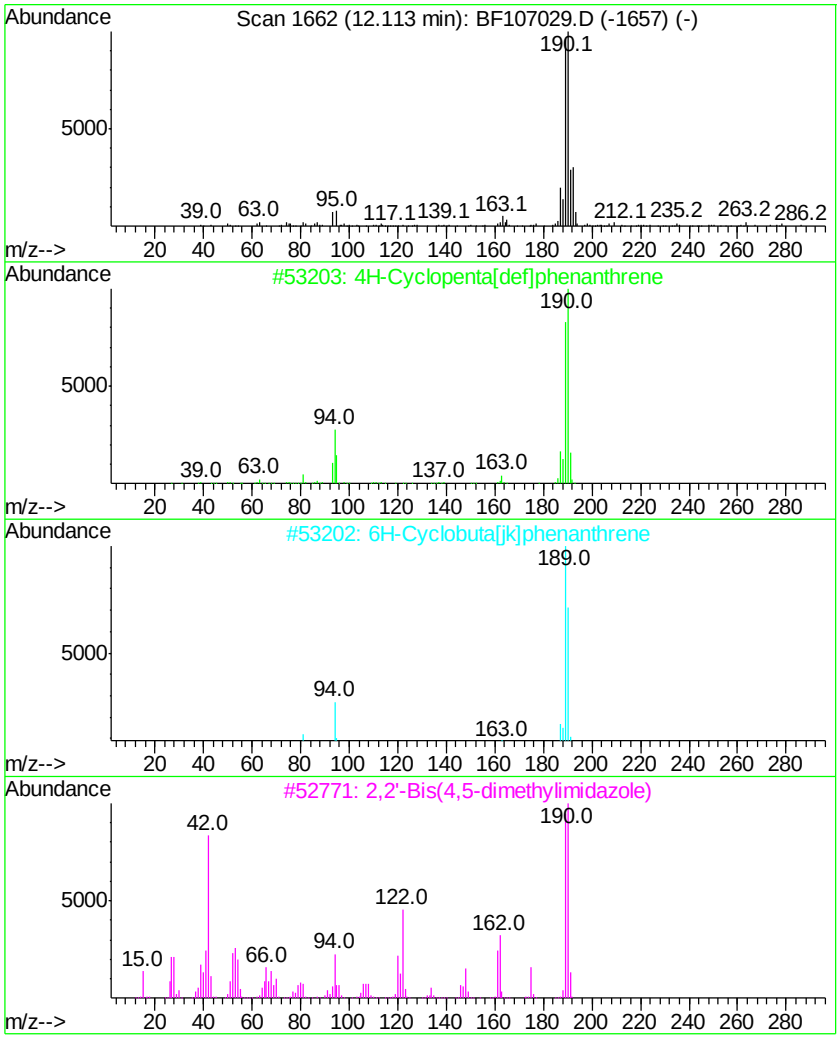
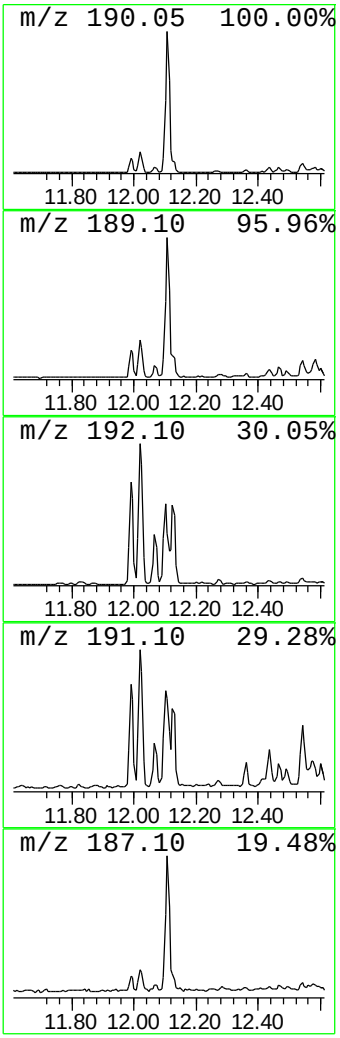
Peak Number 13 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.11	14.65 ng	355756	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	64
3	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45
4	2,6-Dichlorobenzaldoxime	189	C7H5Cl2NO	025185-95-9	30
5	2-Naphthaldehyde, 1,2,3,4-tetrah...	190	C12H14O2	002472-02-8	18





Library Search Compound Report

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Sample : J3638-01 2X
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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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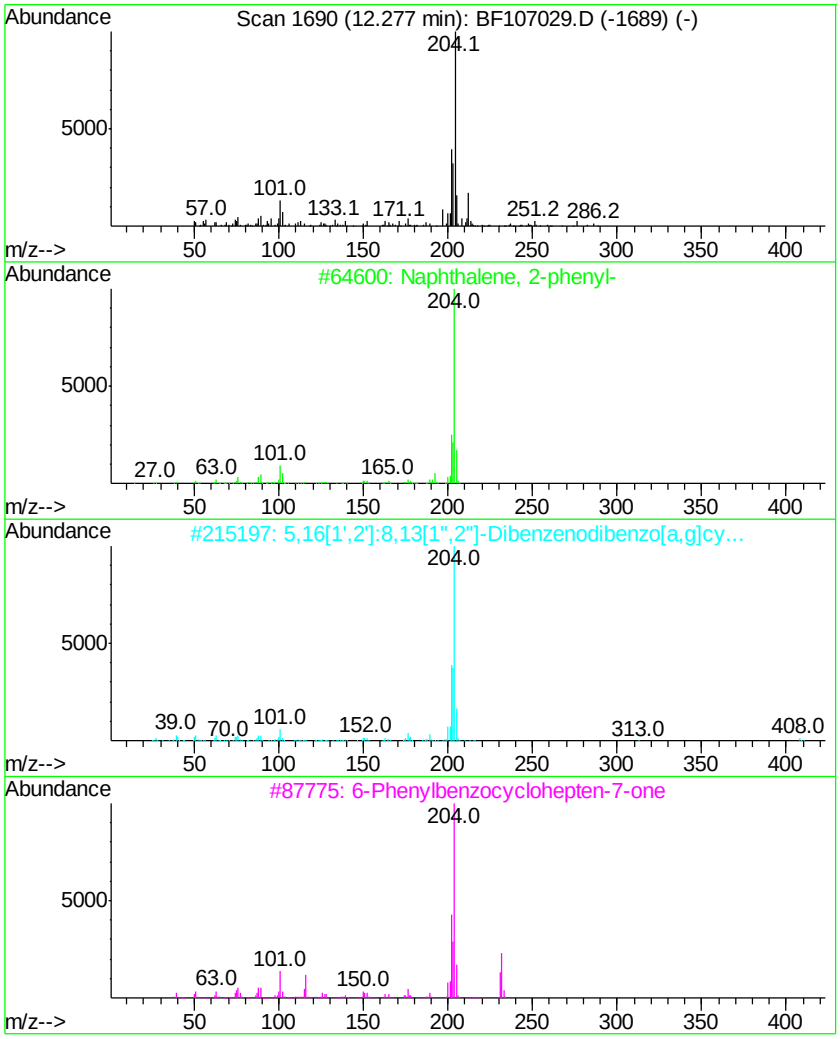
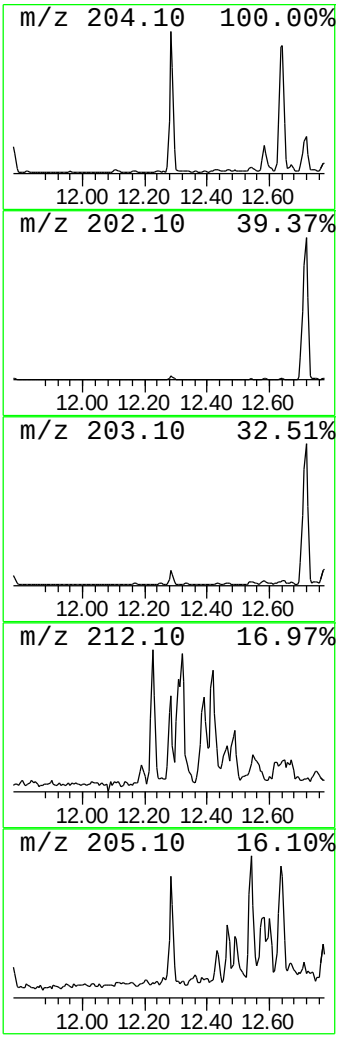
Peak Number 14 Naphthalene, 2-phenyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.28	5.23 ng	126970	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	94
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	87
3	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	86
4	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	83
5	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	64





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Sample : J3638-01 2X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P-1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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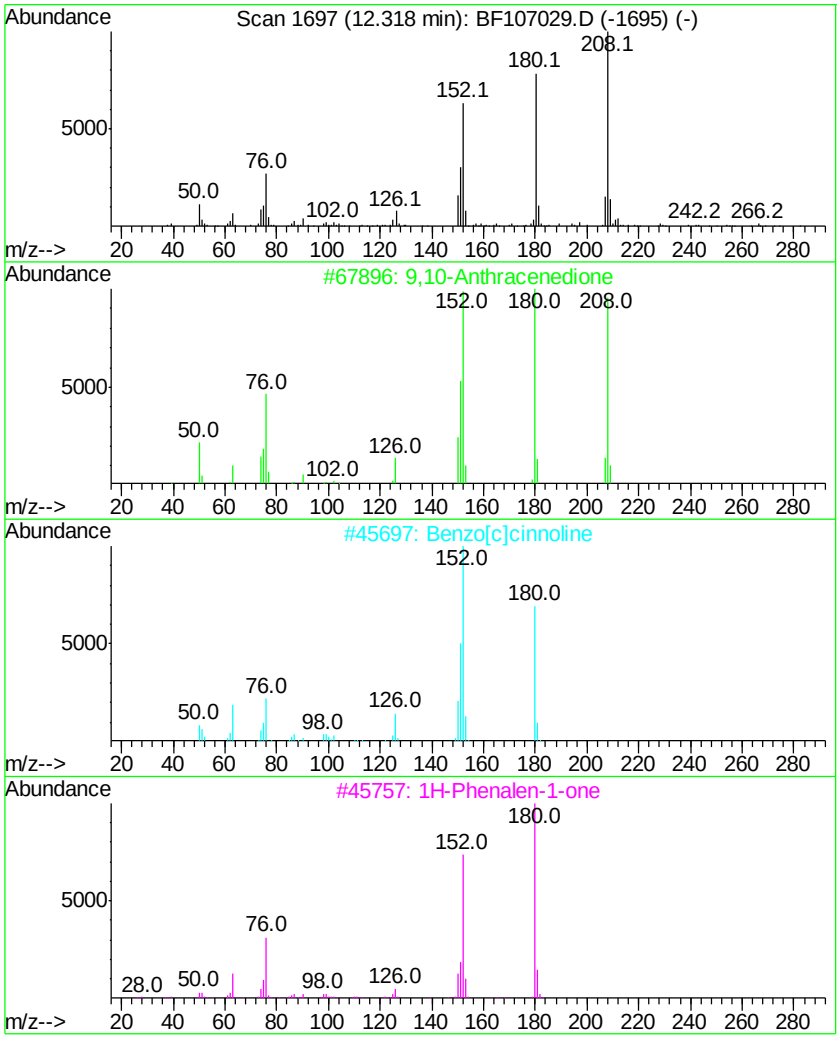
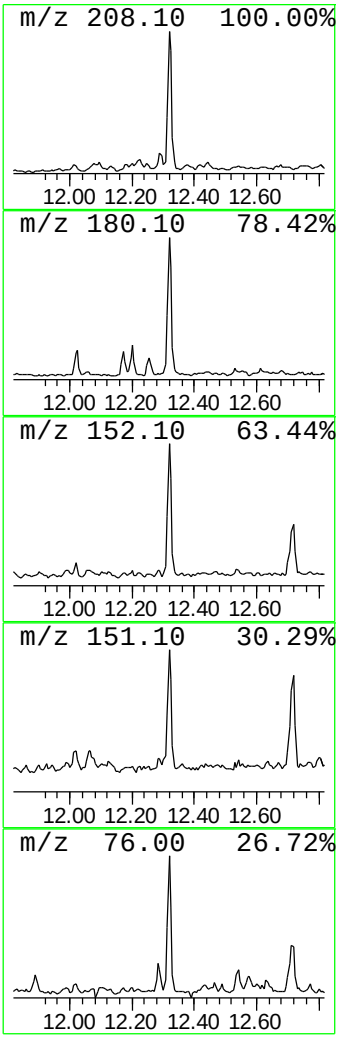
Peak Number 15 9,10-Anthracenedione Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.32	7.36 ng	178730	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	97
2	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	60
3	1H-Phenalen-1-one	180	C13H8O	000548-39-0	60
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	53
5	Thiourea, N-(1-methylpropyl)-N'-...	208	C11H16N2S	015093-37-5	38





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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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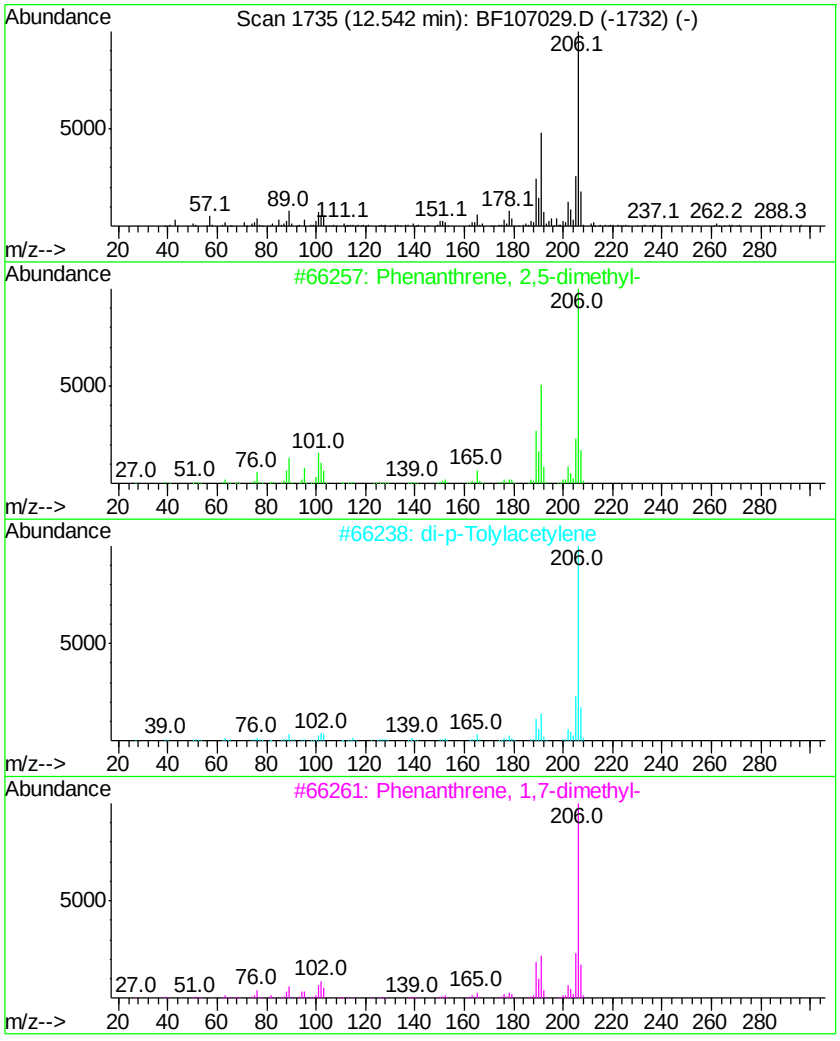
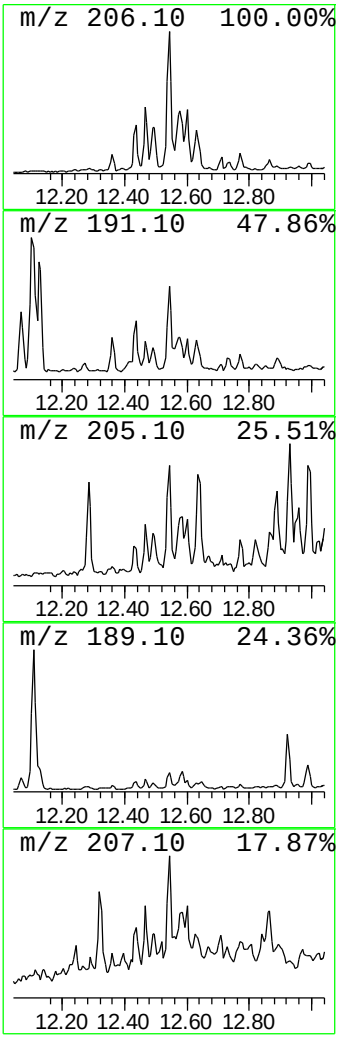
Peak Number 16 Phenanthrene, 2,5-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.54	7.97 ng	193533	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
3	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87
5	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	83





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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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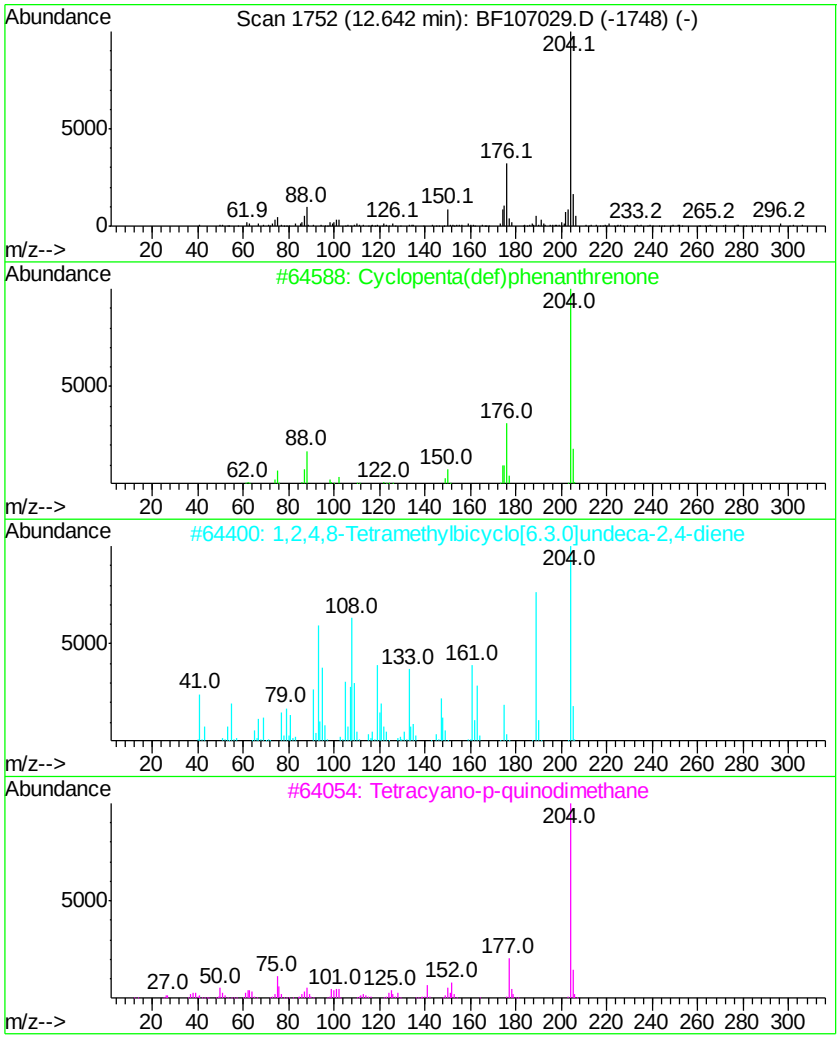
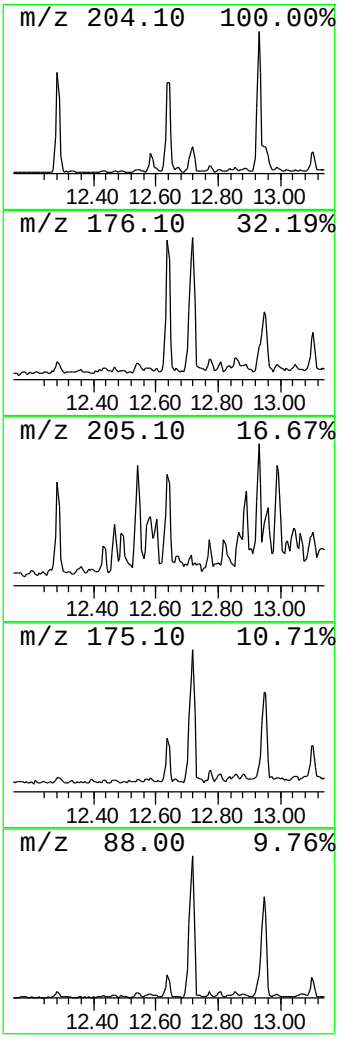
Peak Number 17 Cyclopenta(def)phenanthrenone Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.64	7.36 ng	178694	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	95
2	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	53
3	Tetracyano-p-quinodimethane	204	C12H4N4	001518-16-7	50
4	3'-Carboxybenzo[1',2',-b]-1,4-di...	204	C11H12N2O2	138023-41-3	50
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	47





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ClientSampleId : P-1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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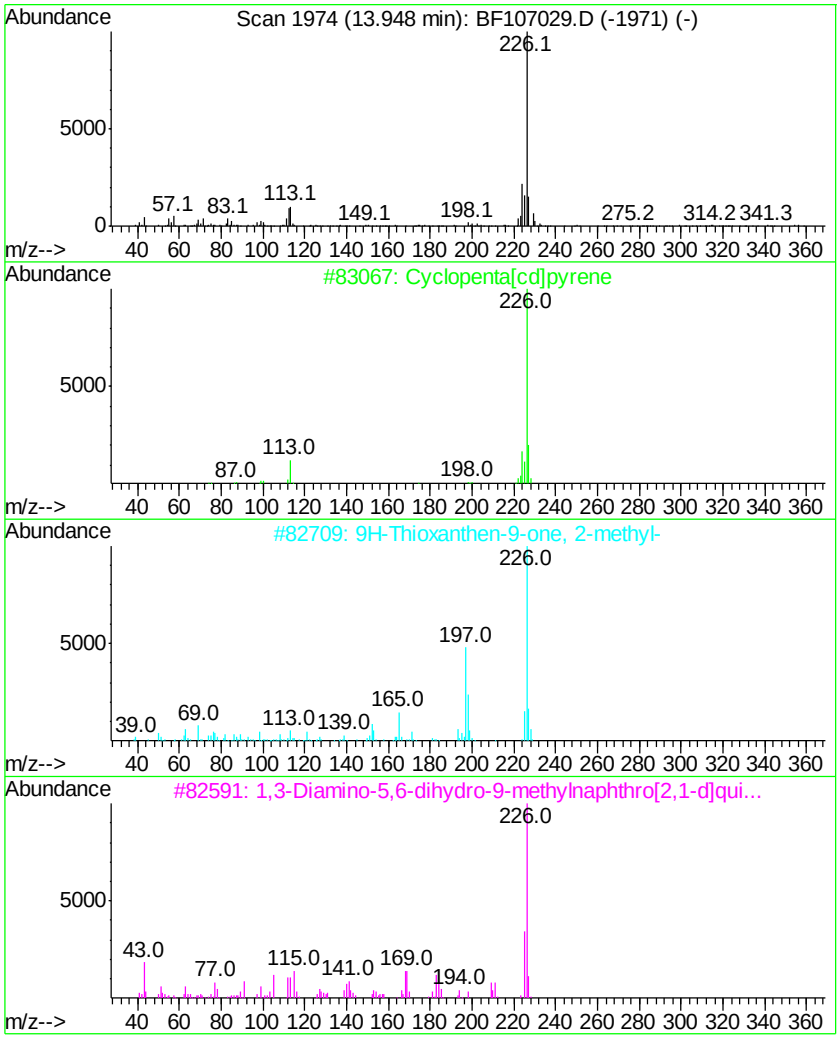
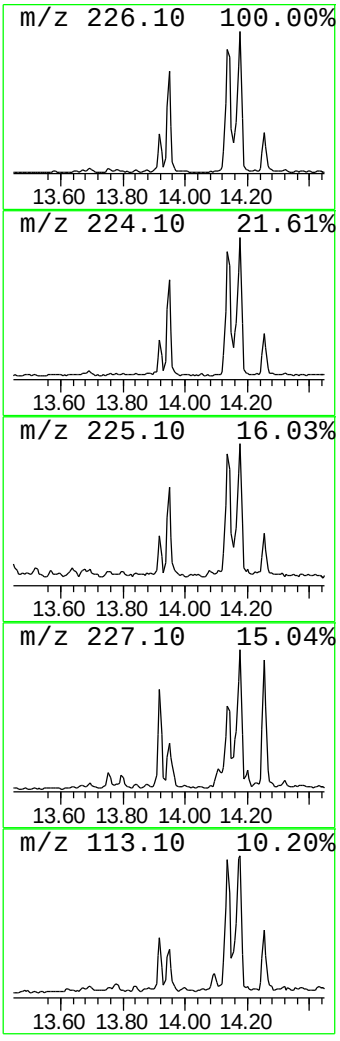
Peak Number 18 Cyclopenta[cd]pyrene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.95	4.82 ng	323743	Chrysene-d12	14.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	94
2	9H-Thioxanthen-9-one, 2-methyl-	226	C14H10OS	015774-82-0	50
3	1,3-Diamino-5,6-dihydro-9-methyl...	226	C13H14N4	037436-39-8	42
4	1,3-Diamino-5,6-dihydro-7-methyl...	226	C13H14N4	037436-37-6	42
5	2-Furfurylidene-7-hydroxy-1-inda...	226	C14H10O3	1000244-80-4	40





Library Search Compound Report

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Instrument : BNA_F
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TIC Library : C:\DATABASE\NIST11.L
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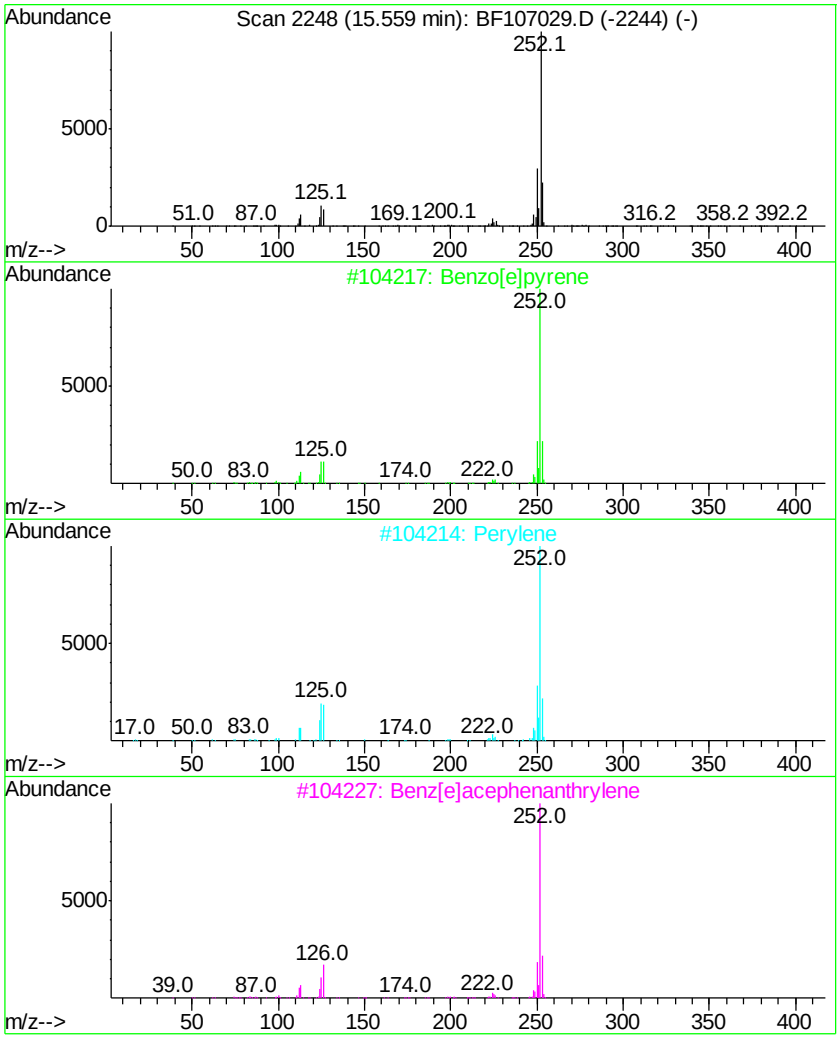
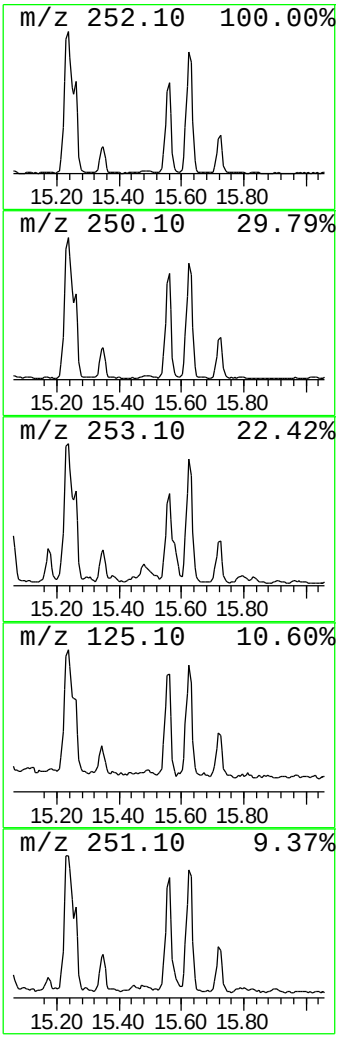
Peak Number 20 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.56	35.61 ng	564146	Perylene-d12	15.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Perylene	252	C20H12	000198-55-0	97
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	95
4	Benzo[a]pyrene	252	C20H12	000050-32-8	94
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	94





Tentatively Identified Compound (LSC) summary

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Operator : JU/SJ
Sample : J3638-01 2X
Misc :
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Instrument : BNA_F
ClientSampleId : P-1

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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	3.4	ng	72167	1	6.95	420383	20.0
Styrene	5.80	4.0	ng	83116	1	6.95	420383	20.0
unknown6.73	6.73	44.0	ng	925630	1	6.95	420383	20.0
unknown9.38	9.38	3.3	ng	78406	3	10.00	469781	20.0
Pentadecane	10.40	4.2	ng	99238	3	10.00	469781	20.0
Dodecane	10.62	4.1	ng	97235	3	10.00	469781	20.0
Tridecane, 4-methyl-	10.89	8.4	ng	204895	4	11.49	485834	20.0
Dibenzothiophene	11.38	3.4	ng	83511	4	11.49	485834	20.0
Anthracene, 9-met...	12.02	8.7	ng	210366	4	11.49	485834	20.0
Phenanthrene, 2-m...	12.07	3.4	ng	82699	4	11.49	485834	20.0
4H-Cyclopenta[def...	12.11	14.7	ng	355756	4	11.49	485834	20.0
Naphthalene, 2-ph...	12.28	5.2	ng	126970	4	11.49	485834	20.0
9,10-Anthracenedione	12.32	7.4	ng	178730	4	11.49	485834	20.0
Phenanthrene, 2,5...	12.54	8.0	ng	193533	4	11.49	485834	20.0
Cyclopenta(def)ph...	12.64	7.4	ng	178694	4	11.49	485834	20.0
Cyclopenta[cd]pyrene	13.95	4.8	ng	323743	5	14.15	1342170	20.0
Benzo[e]pyrene	15.56	35.6	ng	564146	6	15.69	316887	20.0