LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122617\
Data File : BF101741.D
Acq On : 27 Dec 2017 3:47
Operator : SJ/JU
Sample : I6973-02 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B11(0-10)-COMP

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:\HPCHEM1\BNA_F\METHODS\8270-BF121417.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	5.004	493	496	519	rBV	137206	247122	12.66%	0.929%
2	5.416	562	566	600	rBV	1189894	1952246	100.00%	7.338%
3	6.045	670	673	677	rBV	34747	32775	1.68%	0.123%
4	6.434	736	739	757	rBV	1377928	1914927	98.09%	7.198%
5	6.563	757	761	767	rVV	1863822	1821507	93.30%	6.846%
6	6.787	796	799	808	rBV	727651	767883	39.33%	2.886%
7	6.945	822	826	842	rBV	1373075	1475648	75.59%	5.546%
8	7.357	893	896	919	rBV	898448	1154590	59.14%	4.340%
9	8.069	1014	1017	1038	rVB	888138	1071695	54.90%	4.028%
10	8.792	1137	1140	1150	rBV	52600	65278	3.34%	0.245%
11	8.886	1153	1156	1162	rBV	44779	52837	2.71%	0.199%
12	9.139	1196	1199	1208	rBV	1766675	1724684	88.34%	6.482%
13	9.210	1209	1211	1215	rVV	23396	25411	1.30%	0.096%
14	9.251	1215	1218	1223	rVB	27352	32960	1.69%	0.124%
15	9.416	1242	1246	1253	rBV2	21984	38735	1.98%	0.146%
16	9.486	1256	1258	1261	rVV	36290	40225	2.06%	0.151%
17	9.516	1261	1263	1265	rVV2	30728	33052	1.69%	0.124%
18	9.545	1265	1268	1274	rVV	71038	80554	4.13%	0.303%
19	9.604	1276	1278	1286	rVV2	19598	34224	1.75%	0.129%
20	9.692	1288	1293	1299	rVV2	35652	48867	2.50%	0.184%
21	9.739	1299	1301	1305	rVB	32036	26266	1.35%	0.099%
22	9.828	1312	1316	1319	rBV	900637	824445	42.23%	3.099%
23	9.857	1319	1321	1330	rVB	155201	165693	8.49%	0.623%
24	9.933	1330	1334	1338	rBV5	15976	22001	1.13%	0.083%
25	9.981	1338	1342	1348	rBV4	18093	24782	1.27%	0.093%
26	10.039	1348	1352	1355	rBV	91707	101387	5.19%	0.381%
27	10.145	1366	1370	1373	rBV4	15493	20011	1.03%	0.075%
28	10.239	1381	1386	1393	rVB2	47831	49292	2.52%	0.185%
29	10.381	1403	1410	1416	rBV	143771	172668	8.84%	0.649%
30	10.463	1416	1424	1426	rBV4	34211	67949	3.48%	0.255%
31	10.533	1434	1436	1442	rVB2	41386	39219	2.01%	0.147%
32	10.622	1447	1451	1457	rBV2	794080	882543	45.21%	3.317%
33	10.716	1463	1467	1473	rVB4	43743	70536	3.61%	0.265%
34	10.928	1496	1503	1506	rBV3	55463	89601	4.59%	0.337%

LSC Area Percent Report

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Misc :
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Instrument : BNA_F
ClientSampleId : B11(0-10)-COMP

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 >
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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.051	1519	1524	1526	rBV3	32056	39395	2.02%	0.148%
36	11.075	1526	1528	1534	rVB4	22617	32696	1.67%	0.123%
37	11.175	1541	1545	1550	rVB4	42511	78527	4.02%	0.295%
38	11.216	1550	1552	1558	rBV	56737	57020	2.92%	0.214%
39	11.316	1566	1569	1571	rBV	797799	744107	38.12%	2.797%
40	11.339	1571	1573	1578	rVV	946718	947421	48.53%	3.561%
41	11.398	1580	1583	1590	rVB	257069	252544	12.94%	0.949%
42	11.563	1608	1611	1617	rBV2	108529	132059	6.76%	0.496%
43	11.822	1652	1655	1658	rBV2	148968	147977	7.58%	0.556%
44	11.851	1658	1660	1666	rVV	167856	177585	9.10%	0.667%
45	11.904	1666	1669	1671	rVV	73738	74420	3.81%	0.280%
46	11.933	1671	1674	1677	rVV	181858	218078	11.17%	0.820%
47	11.957	1677	1678	1681	rVB	89445	57200	2.93%	0.215%
48	12.116	1702	1705	1709	rVV	86971	77927	3.99%	0.293%
49	12.169	1712	1714	1720	rVB3	40504	51808	2.65%	0.195%
50	12.298	1734	1736	1738	rVB	26889	20034	1.03%	0.075%
51	12.369	1745	1748	1752	rBV2	92909	117018	5.99%	0.440%
52	12.539	1773	1777	1785	rBV	992490	984161	50.41%	3.699%
53	12.692	1800	1803	1805	rBV2	68191	68510	3.51%	0.258%
54	12.769	1813	1816	1822	rVB	883206	834290	42.73%	3.136%
55	12.816	1822	1824	1828	rVB	58589	56042	2.87%	0.211%
56	12.898	1834	1838	1841	rBV	1495847	1257224	64.40%	4.725%
57	12.992	1849	1854	1858	rVB2	66180	109608	5.61%	0.412%
58	13.033	1858	1861	1864	rBV	53852	55330	2.83%	0.208%
59	13.098	1869	1872	1877	rVB3	152453	191999	9.83%	0.722%
60	13.163	1881	1883	1886	rVB	103055	73591	3.77%	0.277%
61	13.204	1886	1890	1893	rBV2	97136	136310	6.98%	0.512%
62	13.298	1903	1906	1908	rBV2	58363	60614	3.10%	0.228%
63	13.327	1908	1911	1914	rBV	68467	61786	3.16%	0.232%
64	13.369	1916	1918	1920	rBV	59893	68536	3.51%	0.258%
65	13.721	1976	1978	1979	rBV	63442	52198	2.67%	0.196%
66	13.780	1985	1988	1993	rBV4	195388	250269	12.82%	0.941%
67	13.969	2015	2020	2023	rBV2	958800	1348591	69.08%	5.069%
68	13.998	2023	2025	2030	rVB	433997	384987	19.72%	1.447%
69	14.074	2036	2038	2045	rVB2	79644	109646	5.62%	0.412%
70	14.357	2084	2086	2090	rBV	82519	75030	3.84%	0.282%
71	14.398	2091	2093	2095	rBV2	92310	72940	3.74%	0.274%

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Misc :
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Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
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Stop Thrs : 0 Peak Location: TOP

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Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	15.015	2194	2198	2208	rBV	372382	786003	40.26%	2.954%
73	15.315	2246	2249	2255	rVB	169762	214718	11.00%	0.807%
74	15.380	2257	2260	2266	rVB	299795	375925	19.26%	1.413%
75	15.439	2266	2270	2274	rBV	463293	579588	29.69%	2.178%

Sum of corrected areas: 26605325

LSC Report - Integrated Chromatogram

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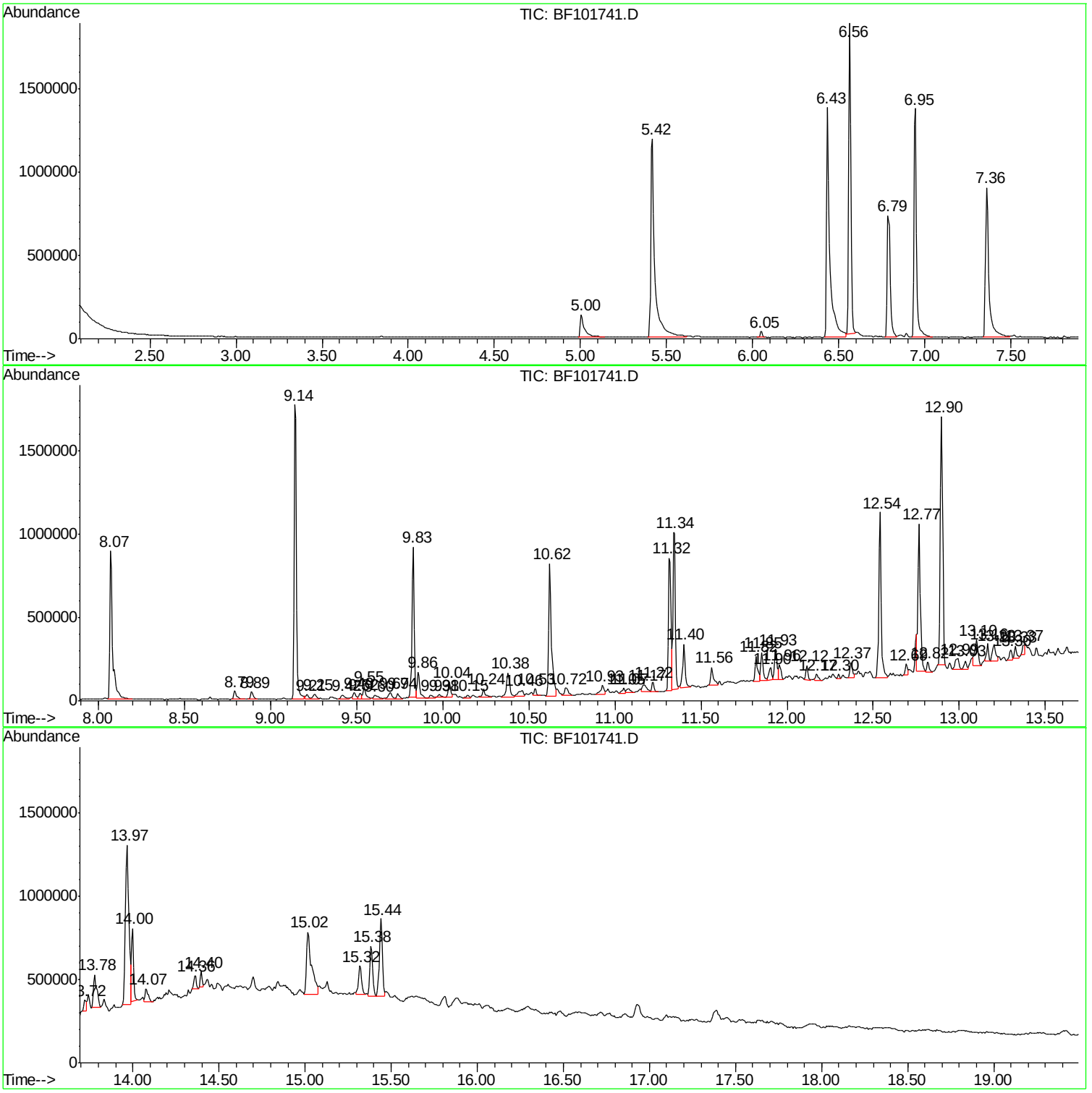
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B11(0-10)-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122617\
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Operator : SJ/JU
Sample : I6973-02 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B11(0-10)-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

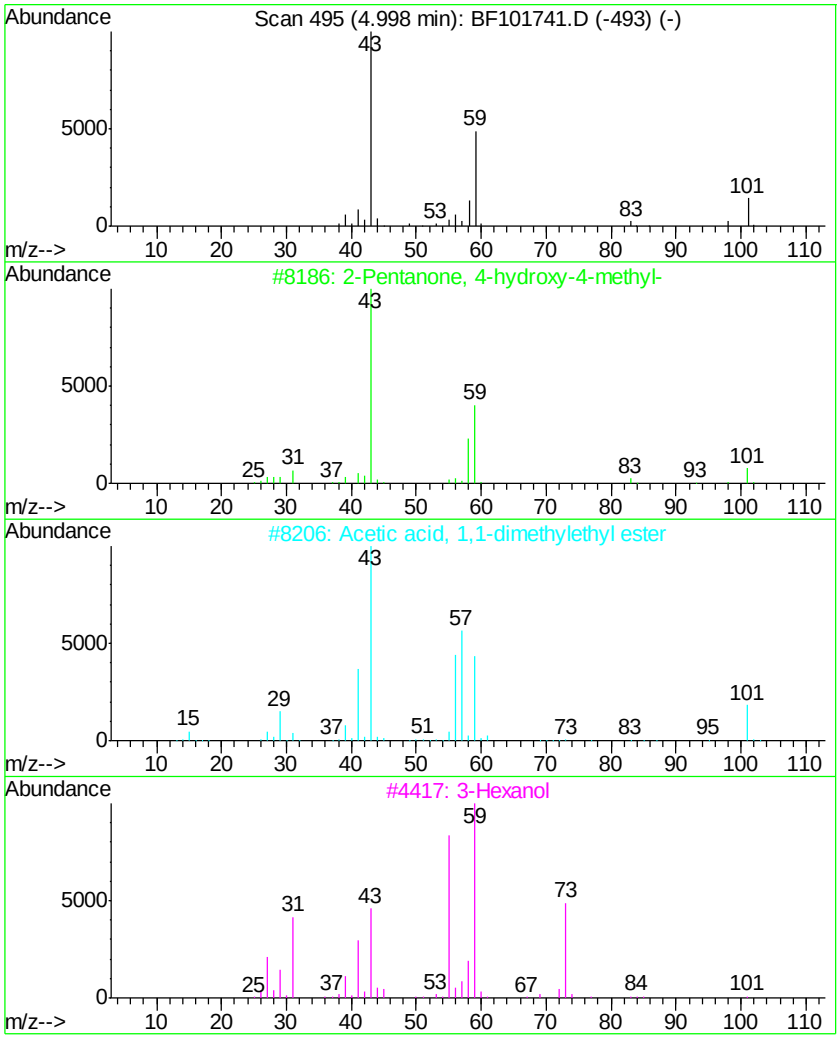
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

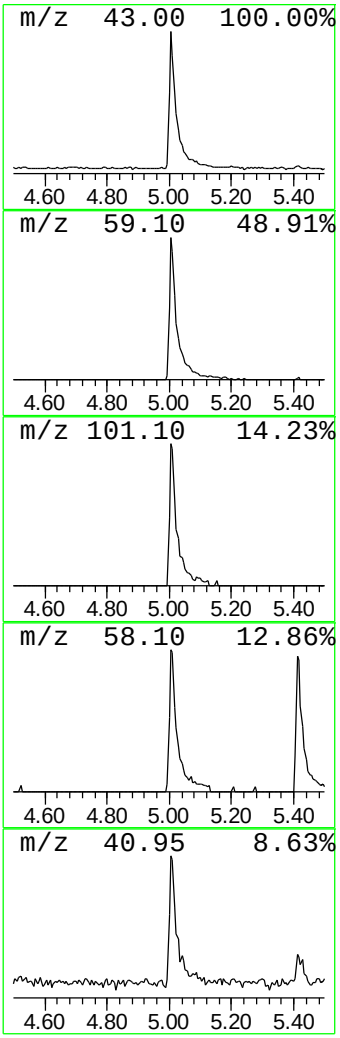
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.00	6.44 ng	247122	1,4-Dichlorobenzene-d4	6.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	3-Hexanol	102	C6H14O	000623-37-0	33
4	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
5	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	32





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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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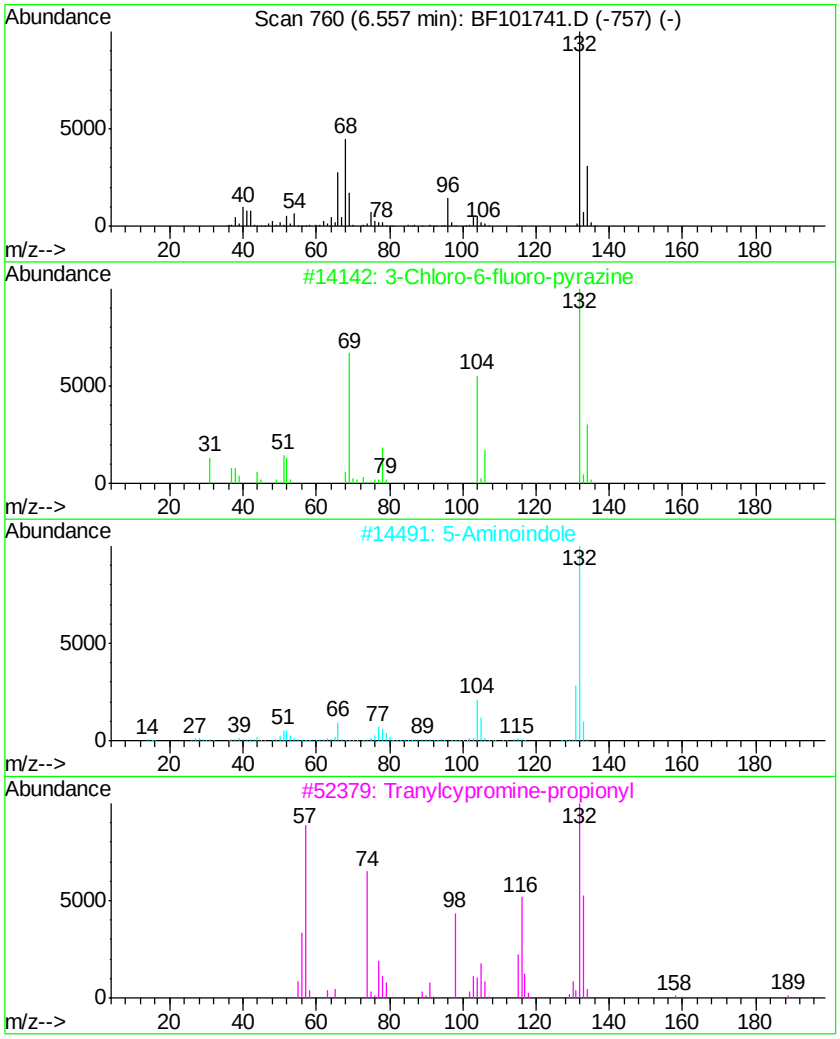
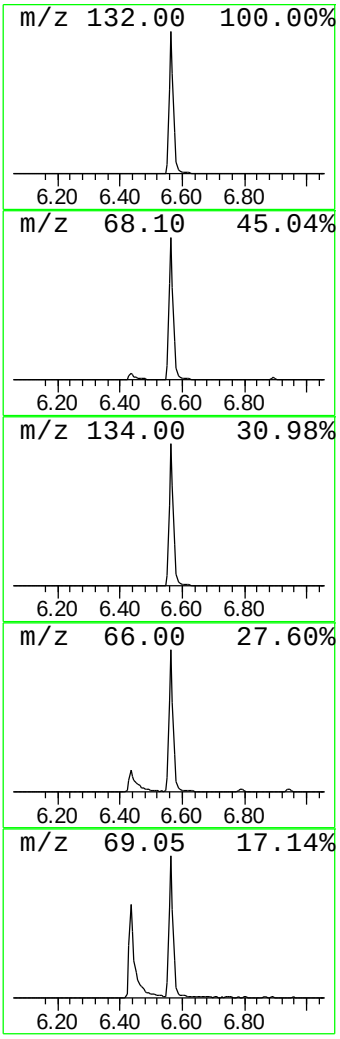
****

Peak Number 2 unknown6.56 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.56	47.44 ng	1821510	1,4-Dichlorobenzene-d4	6.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
5	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9





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Instrument : BNA_F
ClientSampleId : B11(0-10)-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

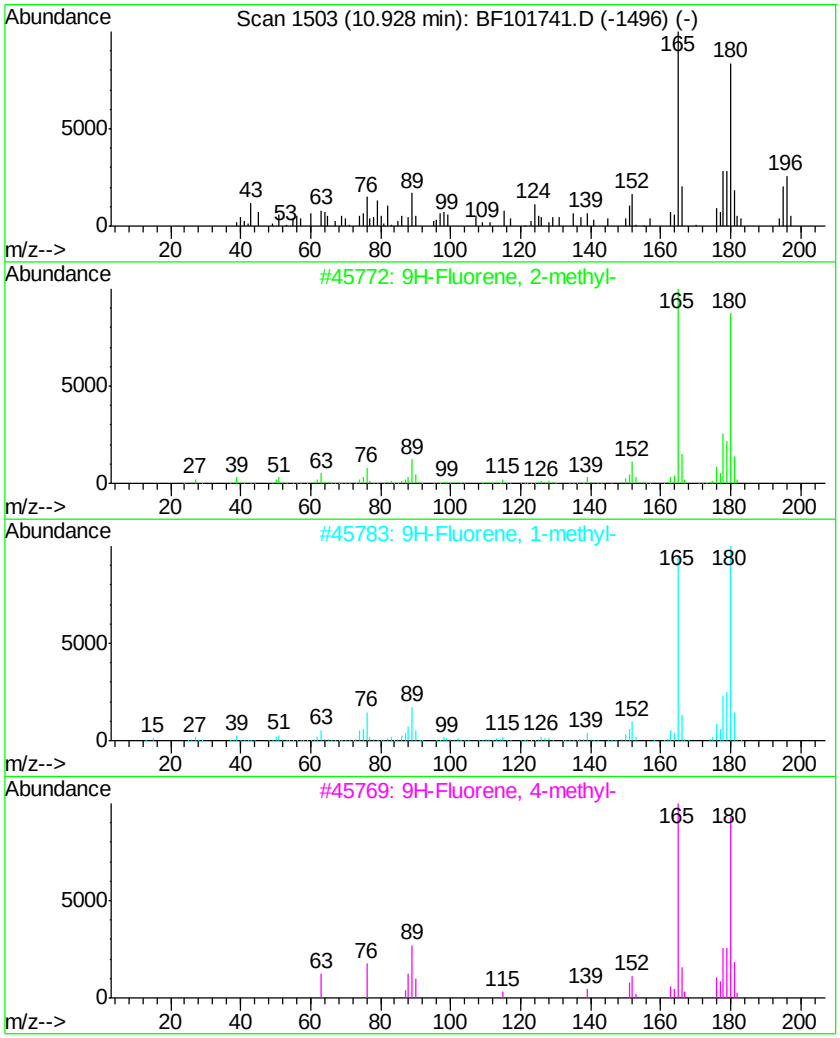
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

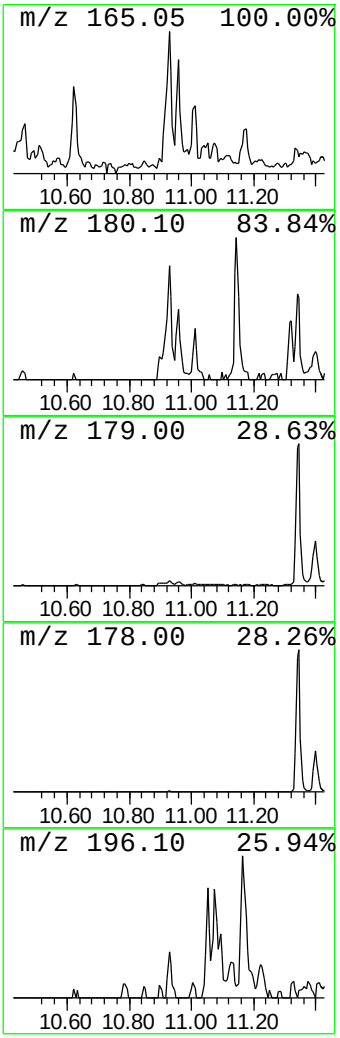
****

Peak Number 4 9H-Fluorene, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.93	2.41 ng	89601	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	95
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	92
3	9H-Fluorene, 4-methyl-	180	C14H12	001556-99-6	70
4	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	70
5	4a,9a-Methano-9H-fluorene	180	C14H12	019540-84-2	64





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Instrument : BNA_F
ClientSampleId : B11(0-10)-COMP

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

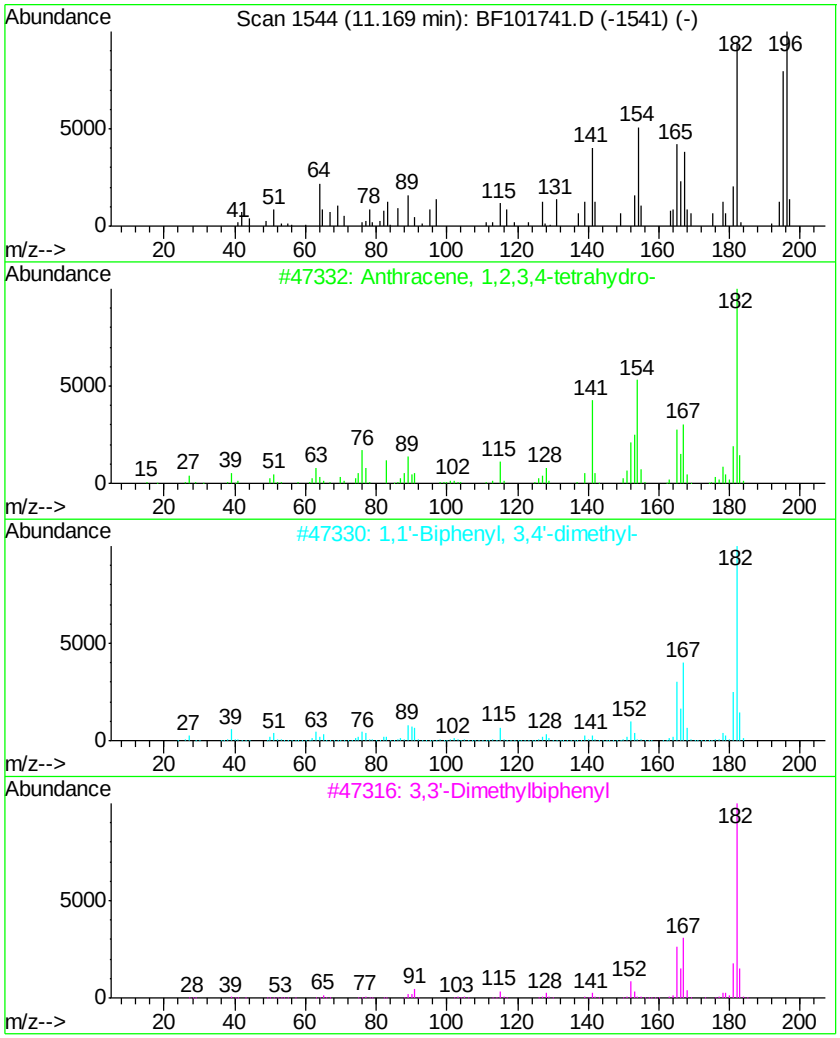
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

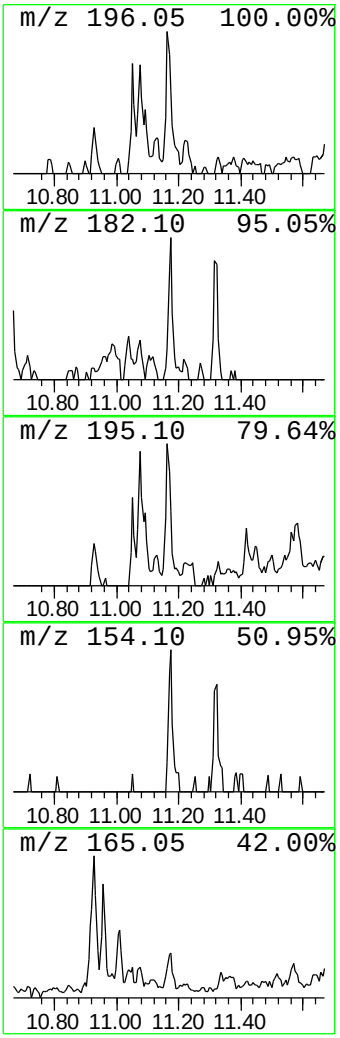
****

Peak Number 5 Anthracene, 1,2,3,4-tetrahy... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.17	2.11 ng	78527	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1,2,3,4-tetrahydro-	182	C14H14	002141-42-6	70
2	1,1'-Biphenyl, 3,4'-dimethyl-	182	C14H14	007383-90-6	45
3	3,3'-Dimethylbiphenyl	182	C14H14	000612-75-9	43
4	Dibenz[c,e]oxepin, 5,7-dihydro-	196	C14H12O	001136-22-7	38
5	4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	25





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ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
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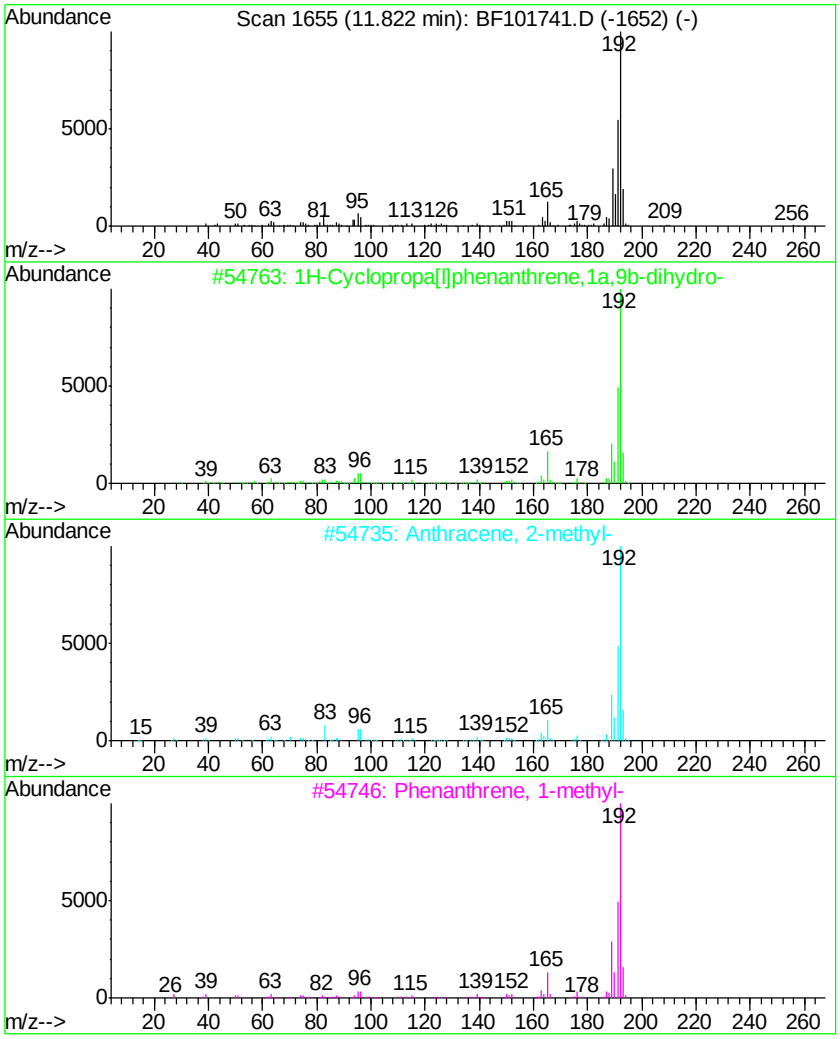
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

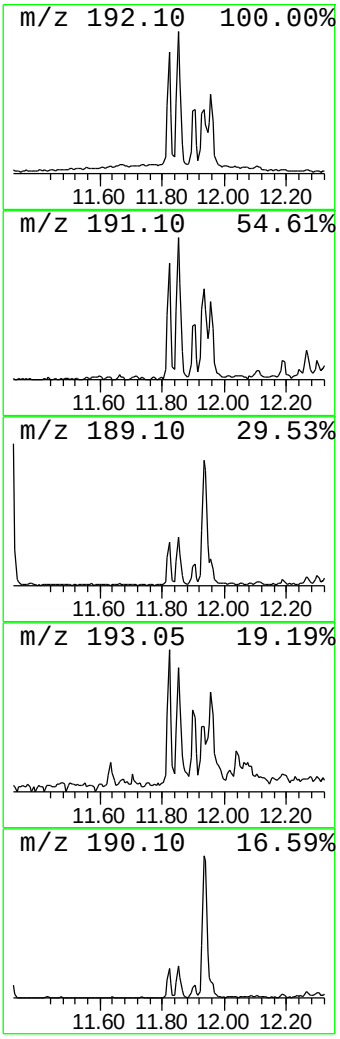
****

Peak Number 6 1H-Cyclopropa[l]phenanthren... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.82	3.98 ng	147977	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93





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Misc :
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Instrument : BNA_F
ClientSampleId : B11(0-10)-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.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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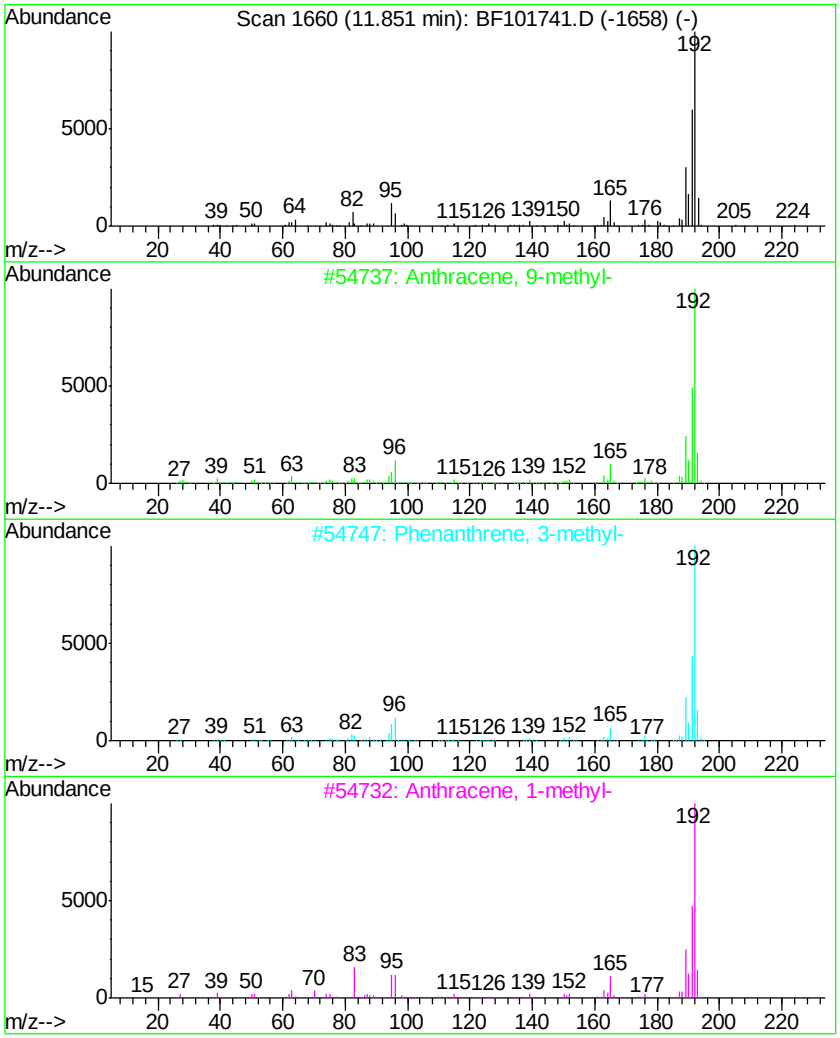
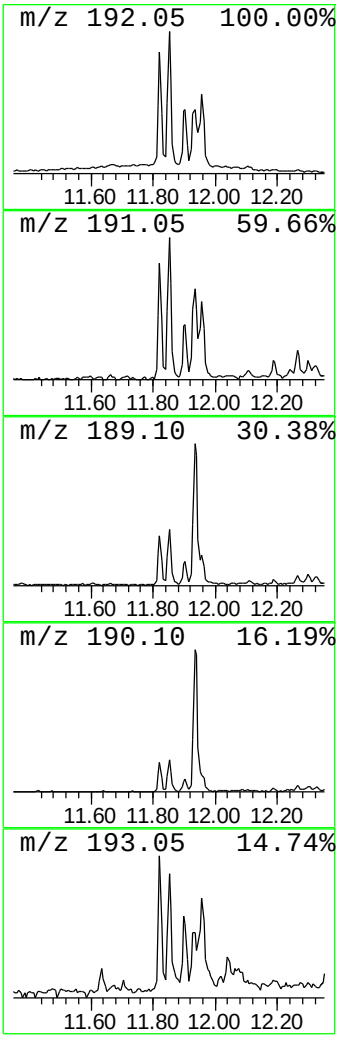
Peak Number 7 Anthracene, 9-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.85	4.77 ng	177585	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
2	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	93
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91





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Misc :
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Instrument : BNA_F
ClientSampleId : B11(0-10)-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.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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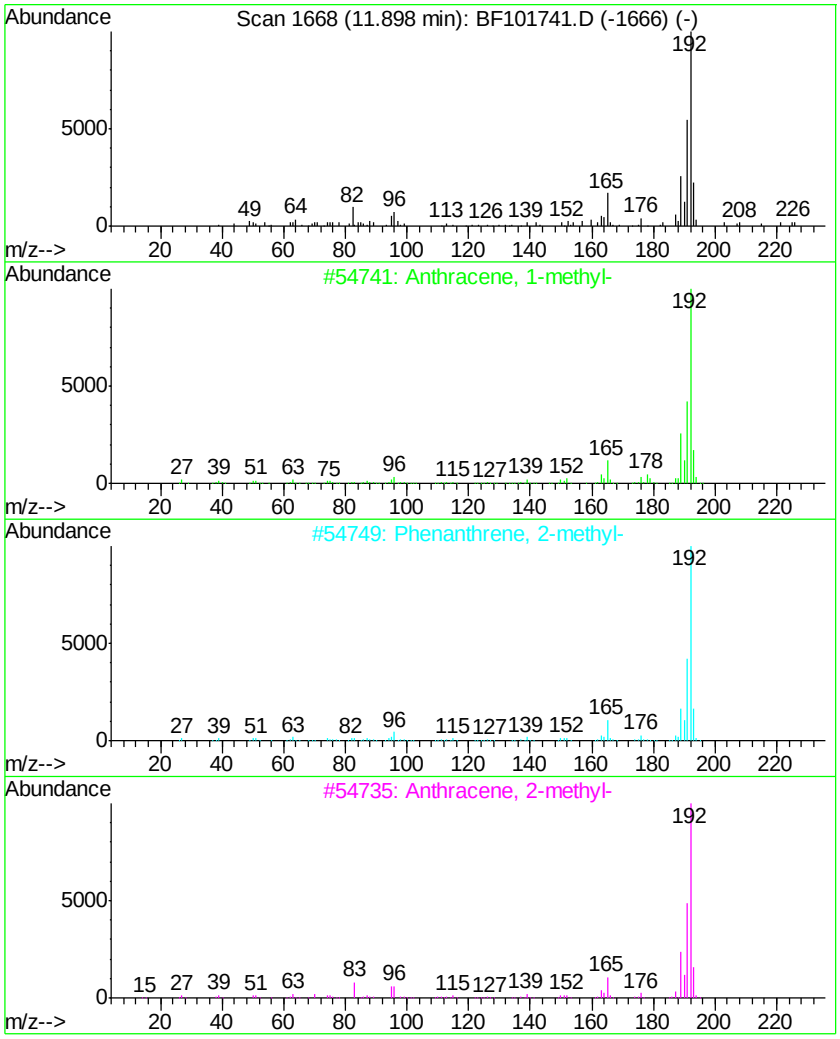
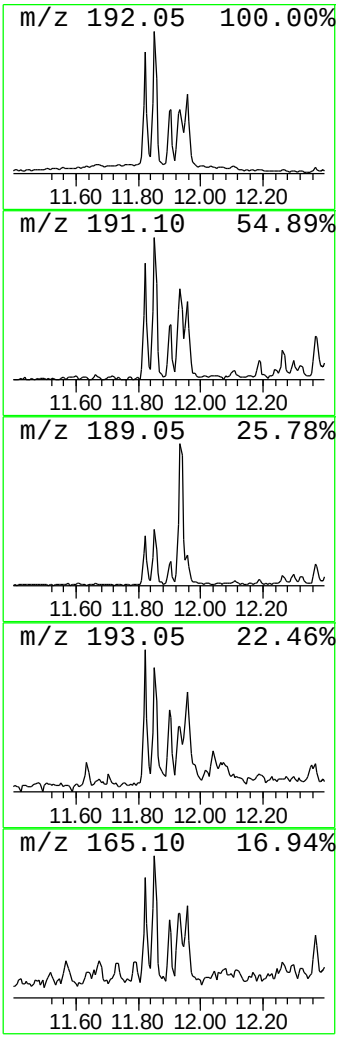
Peak Number 8 Anthracene, 1-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.90	2.00 ng	74420	Phenanthrene-d10	11.32

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





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Data File : BF101741.D
Acq On : 27 Dec 2017 3:47
Operator : SJ/JU
Sample : I6973-02 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B11(0-10)-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.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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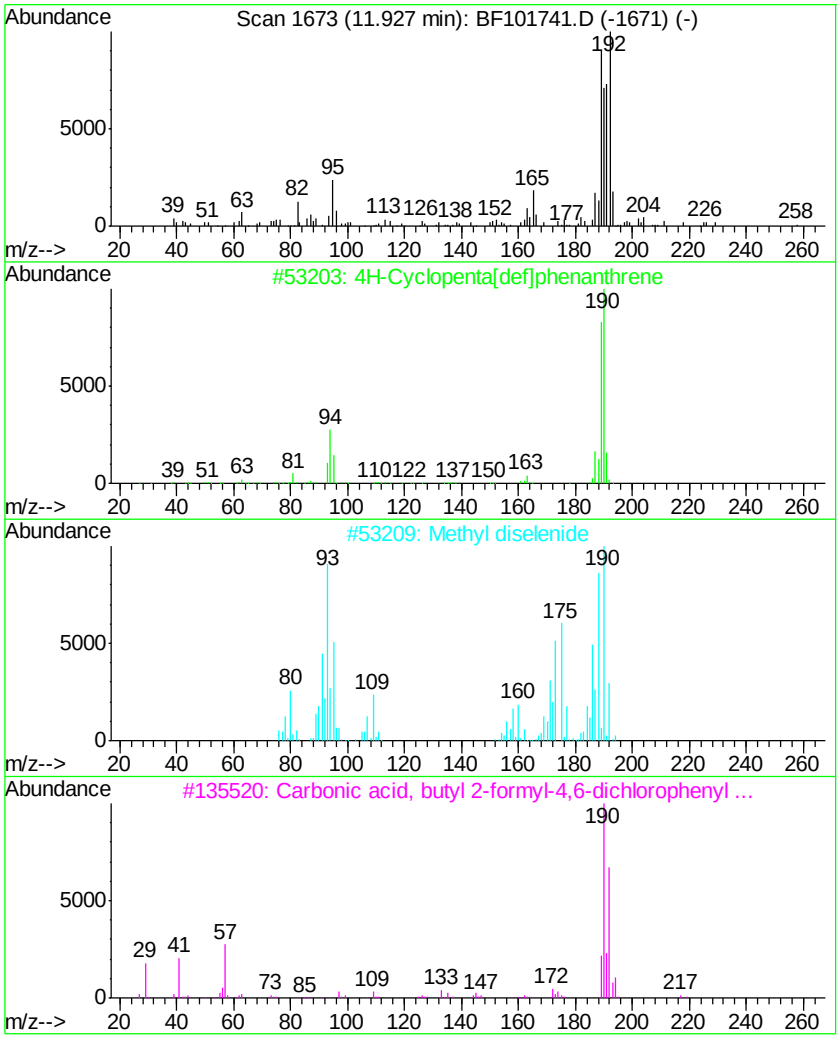
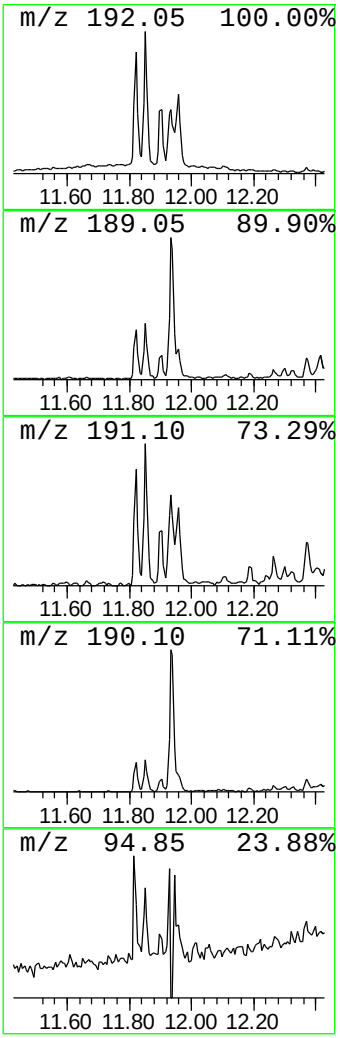
Peak Number 9 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.93	5.86 ng	218078	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
2	Methyl diselenide	190	C2H6Se2	007101-31-7	45
3	Carbonic acid, butyl 2-formyl-4,...	290	C12H12Cl2O4	1000331-42-2	35
4	Propyne, 1,3-diphenyl-	192	C15H12	004980-70-5	20
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	18





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Acq On : 27 Dec 2017 3:47
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Sample : I6973-02 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B11(0-10)-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.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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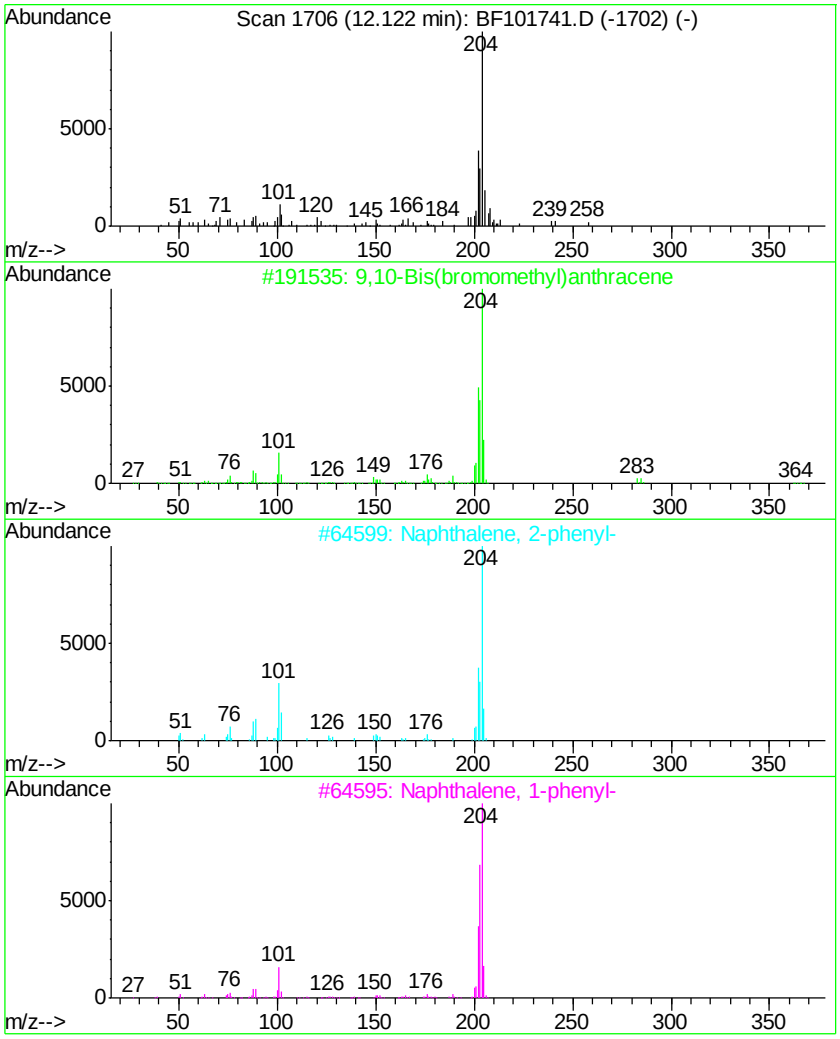
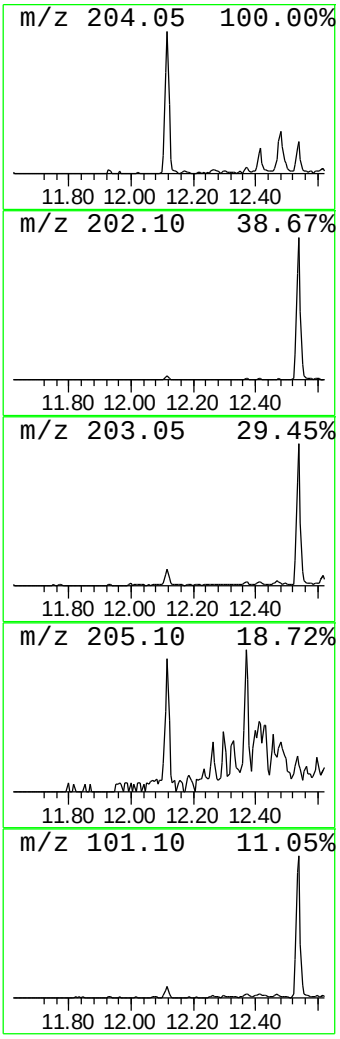
Peak Number 10 9,10-Bis(bromomethyl)anthra... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.12	2.09 ng	77927	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	90
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
3	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	60
4	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	58
5	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	49





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Operator : SJ/JU
Sample : I6973-02 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B11(0-10)-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.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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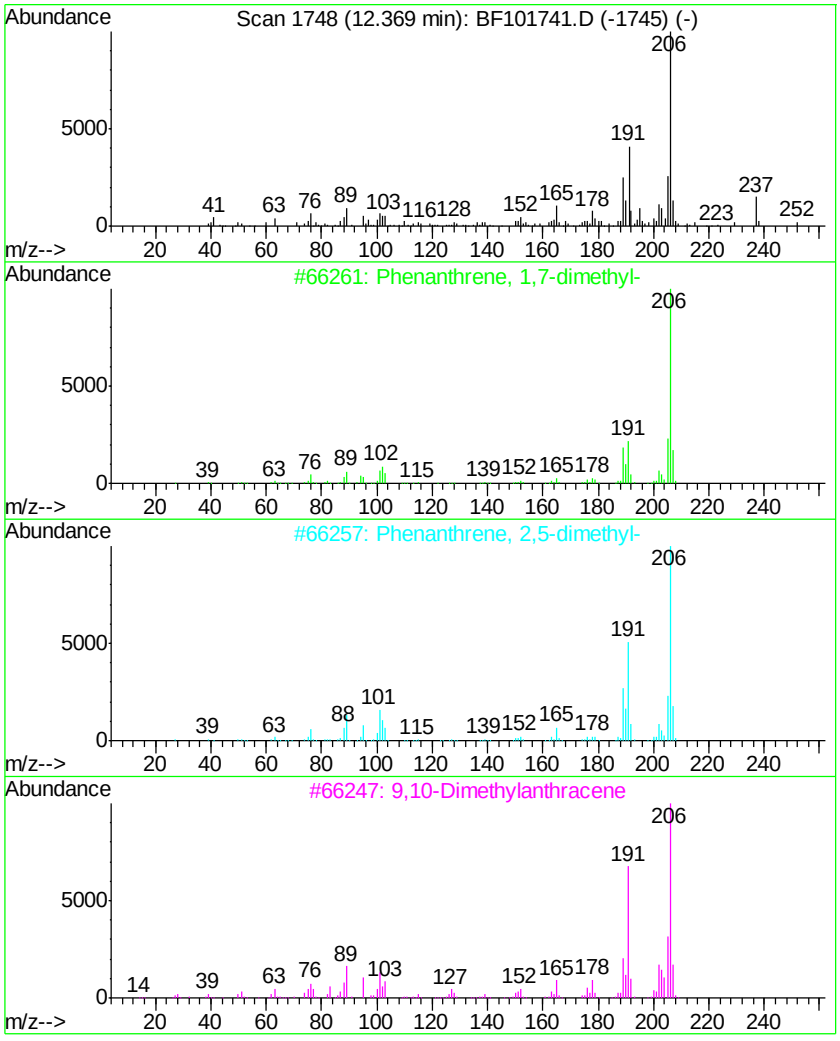
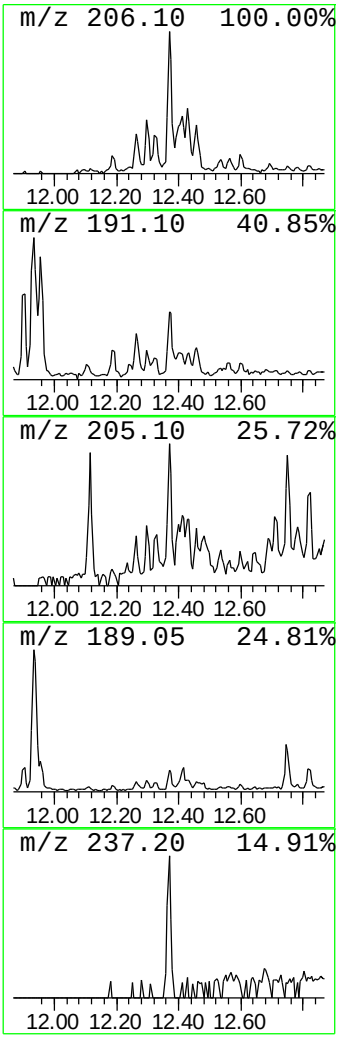
Peak Number 11 Phenanthrene, 1,7-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.37	3.15 ng	117018	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	92
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	90
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	90
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	90
5	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	89





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Acq On : 27 Dec 2017 3:47
Operator : SJ/JU
Sample : I6973-02 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B11(0-10)-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.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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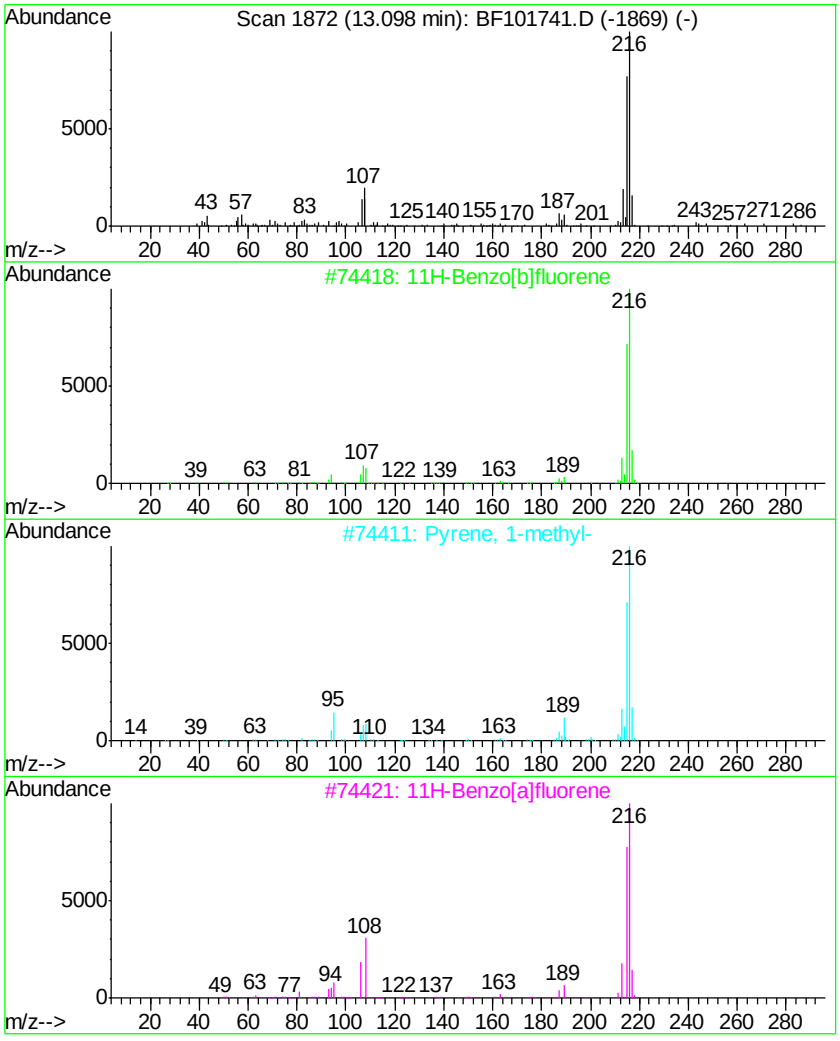
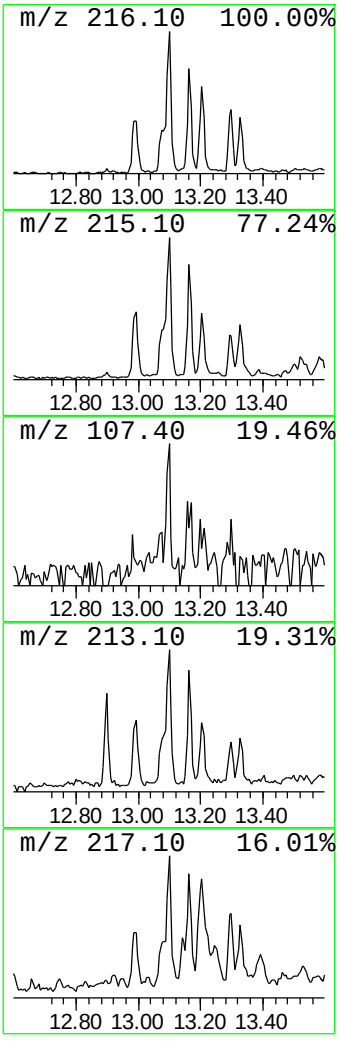
Peak Number 12 11H-Benzo[b]fluorene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.10	2.85 ng	191999	Chrysene-d12	13.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	83
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	83
4	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	81
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81





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Acq On : 27 Dec 2017 3:47
Operator : SJ/JU
Sample : I6973-02 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B11(0-10)-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.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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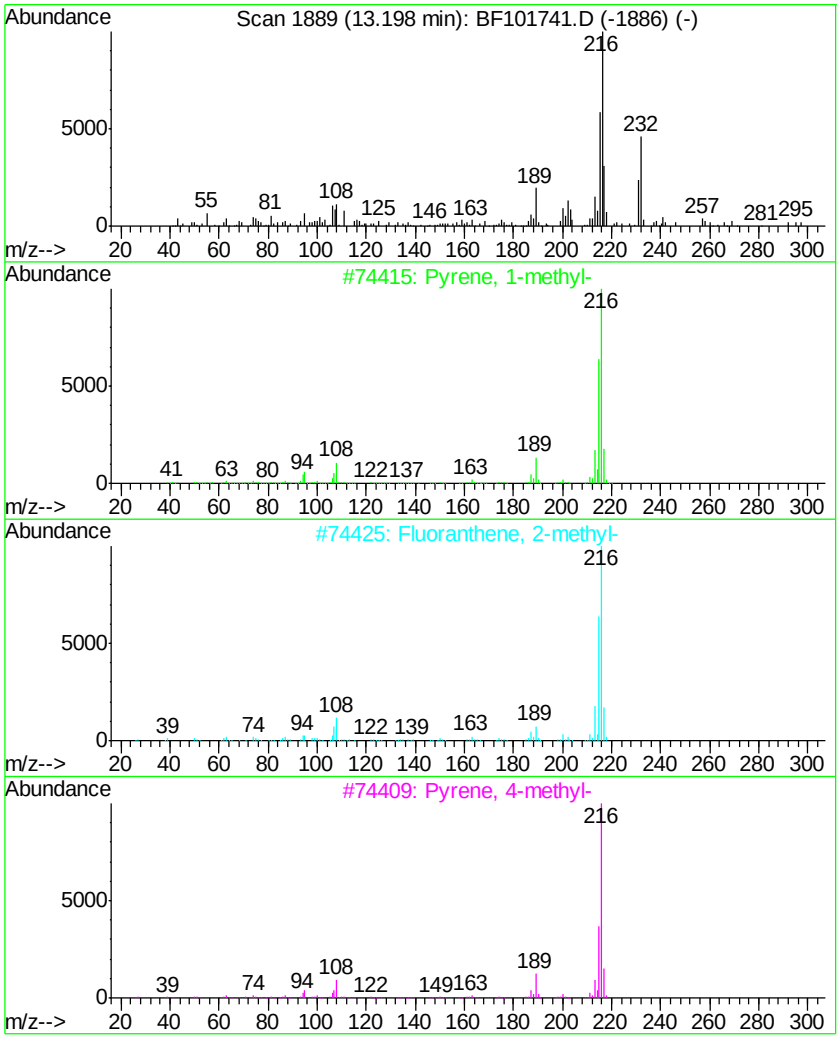
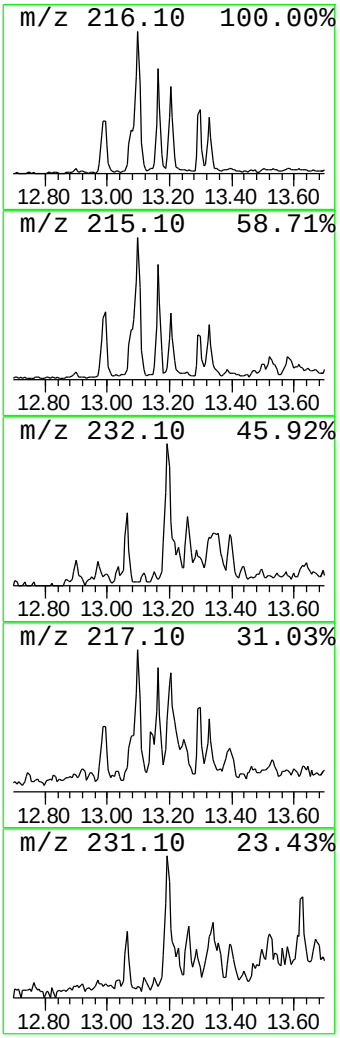
Peak Number 13 Pyrene, 1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.20	2.02 ng	136310	Chrysene-d12	13.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	94
3	Pyrene, 4-methyl-	216	C17H12	003353-12-6	94
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	93
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90





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Acq On : 27 Dec 2017 3:47
Operator : SJ/JU
Sample : I6973-02 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B11(0-10)-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.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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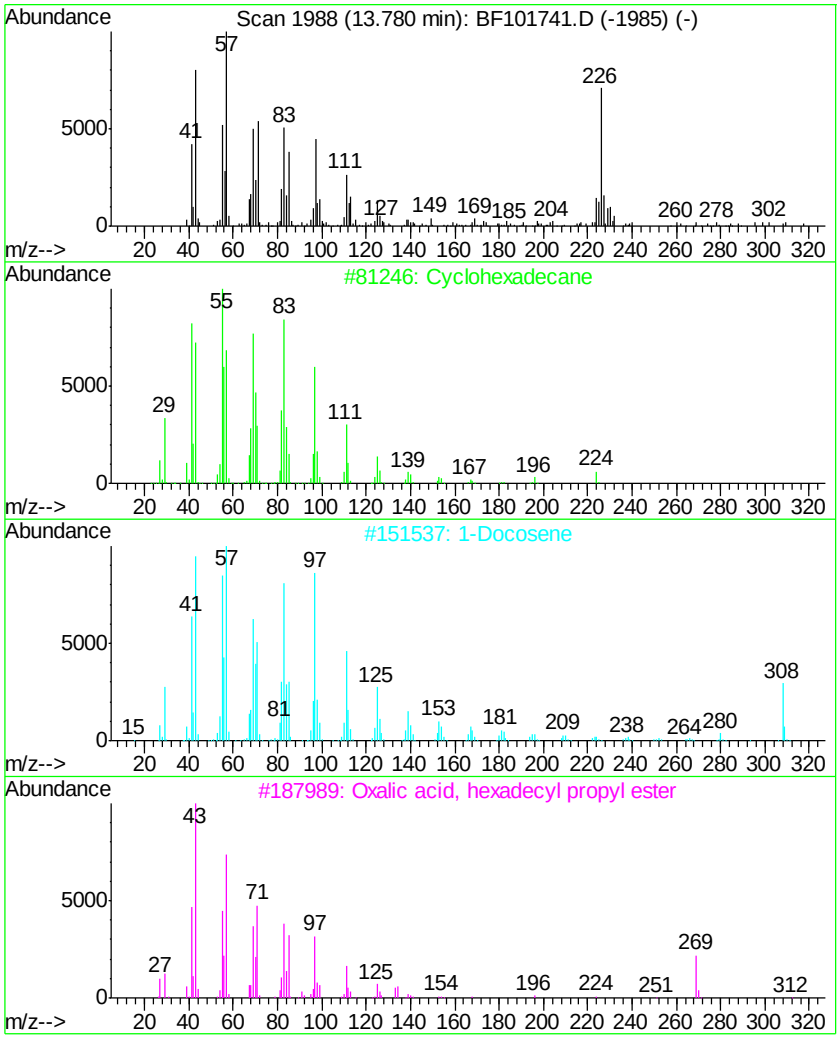
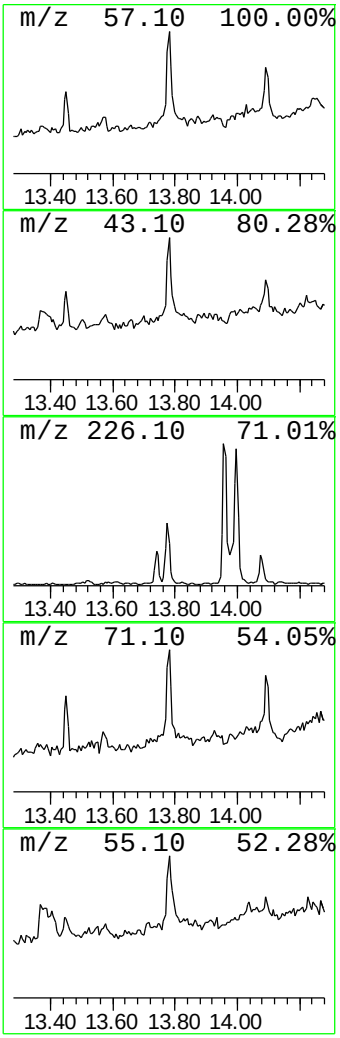
Peak Number 14 Cyclohexadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.78	3.71 ng	250269	Chrysene-d12	13.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	95
2	1-Docosene	308	C22H44	001599-67-3	84
3	Oxalic acid, hexadecyl propyl ester	356	C21H40O4	1000309-26-9	70
4	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	70
5	1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	62





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Acq On : 27 Dec 2017 3:47
Operator : SJ/JU
Sample : I6973-02 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B11(0-10)-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.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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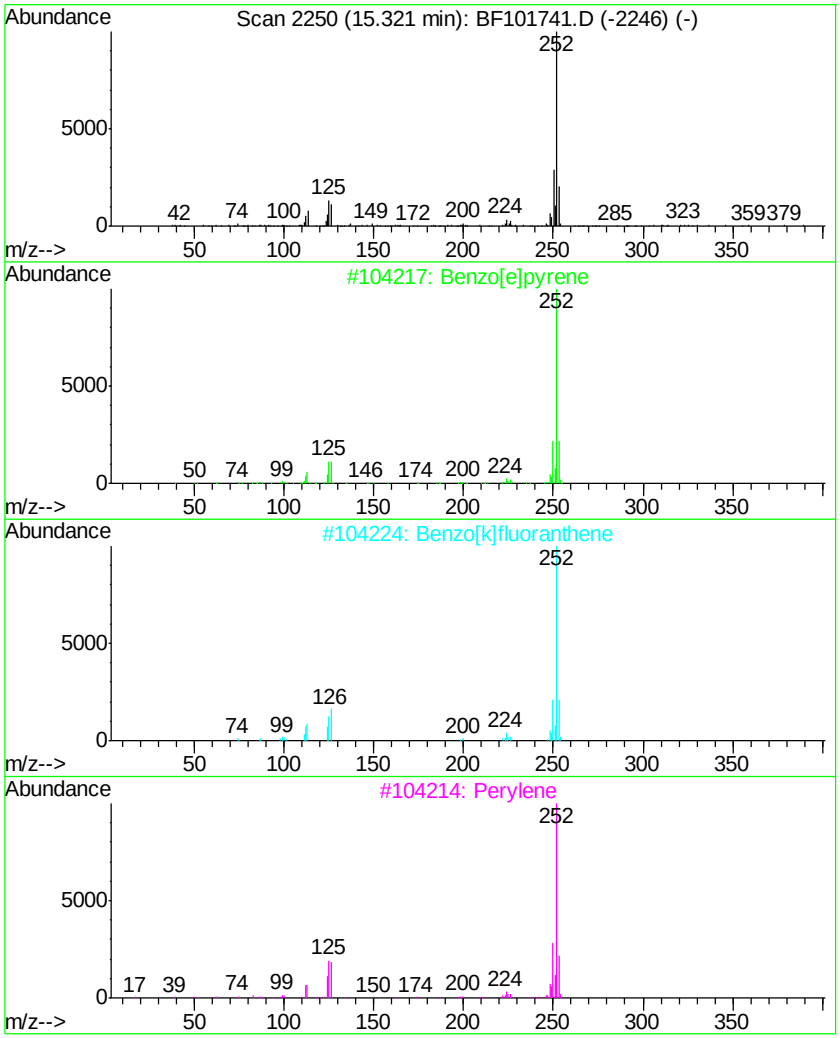
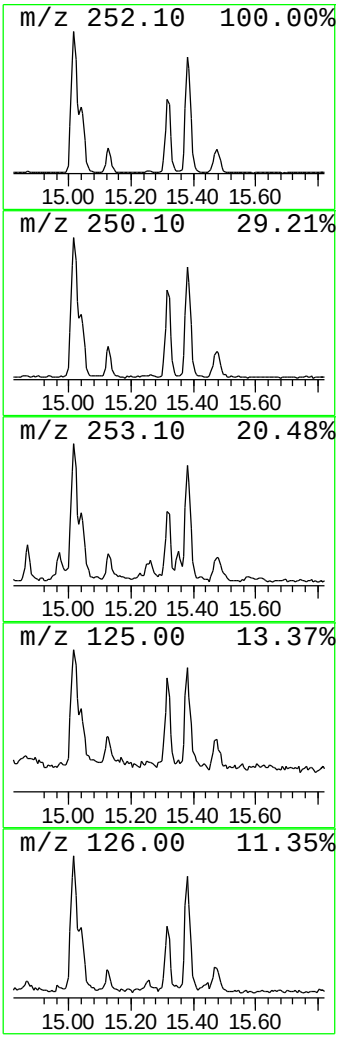
Peak Number 15 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.32	7.41 ng	214718	Perylene-d12	15.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	96
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
3	Perylene	252	C20H12	000198-55-0	91
4	Benzo[a]pyrene	252	C20H12	000050-32-8	89
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	81





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122617\
Data File : BF101741.D
Acq On : 27 Dec 2017 3:47
Operator : SJ/JU
Sample : I6973-02 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B11(0-10)-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.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...	5.00	6.4	ng	247122	1	6.79	767883	20.0
unknown6.56	6.56	47.4	ng	1821510	1	6.79	767883	20.0
9H-Fluorene, 2-me...	10.93	2.4	ng	89601	4	11.32	744107	20.0
Anthracene, 1,2,3...	11.17	2.1	ng	78527	4	11.32	744107	20.0
1H-Cyclopropa[l]p...	11.82	4.0	ng	147977	4	11.32	744107	20.0
Anthracene, 9-met...	11.85	4.8	ng	177585	4	11.32	744107	20.0
Anthracene, 1-met...	11.90	2.0	ng	74420	4	11.32	744107	20.0
4H-Cyclopenta[def...	11.93	5.9	ng	218078	4	11.32	744107	20.0
9,10-Bis(bromomet...	12.12	2.1	ng	77927	4	11.32	744107	20.0
Phenanthrene, 1,7...	12.37	3.1	ng	117018	4	11.32	744107	20.0
11H-Benzo[b]fluorene	13.10	2.9	ng	191999	5	13.97	1348590	20.0
Pyrene, 1-methyl-	13.20	2.0	ng	136310	5	13.97	1348590	20.0
Cyclohexadecane	13.78	3.7	ng	250269	5	13.97	1348590	20.0
Benzo[e]pyrene	15.32	7.4	ng	214718	6	15.44	579588	20.0