LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061118\
Data File : BF106301.D
Acq On : 11 Jun 2018 18:15
Operator : JU/SJ
Sample : J3377-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-B-DB-S

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	5.207	483	488	496	rVB	354705	434253	9.02%	0.415%
2	5.589	547	553	556	rBV	4231184	4421228	91.78%	4.221%
3	6.589	716	723	726	rBV	3790399	4522878	93.89%	4.318%
4	6.736	743	748	751	rBV	4411747	4482550	93.06%	4.279%
5	6.966	784	787	791	rVB	1662826	1432223	29.73%	1.367%
6	7.125	810	814	817	rBV	3853531	3433710	71.28%	3.278%
7	7.531	878	883	886	rBV	3131165	2950880	61.26%	2.817%
8	8.248	1001	1005	1008	rBV	1999016	1832145	38.04%	1.749%
9	8.960	1123	1126	1130	rVB	302549	254232	5.28%	0.243%
10	9.060	1138	1143	1147	rBV	296564	251583	5.22%	0.240%
11	9.325	1183	1188	1191	rBV	5087439	4816995	100.00%	4.598%
12	9.583	1228	1232	1237	rBV2	410948	562422	11.68%	0.537%
13	9.666	1241	1246	1248	rVV	757354	736116	15.28%	0.703%
14	9.689	1248	1250	1252	rVV	493299	385145	8.00%	0.368%
15	9.713	1252	1254	1259	rVV	655788	552758	11.48%	0.528%
16	9.783	1262	1266	1267	rVV	346860	308073	6.40%	0.294%
17	10.007	1301	1304	1307	rVV	2140363	2069341	42.96%	1.975%
18	10.042	1307	1310	1312	rVV	713653	562040	11.67%	0.537%
19	10.107	1317	1321	1326	rBV	303320	394006	8.18%	0.376%
20	10.166	1326	1331	1333	rBV2	195984	276478	5.74%	0.264%
21	10.207	1333	1338	1342	rVV2	580558	587349	12.19%	0.561%
22	10.248	1342	1345	1348	rVB	644712	511502	10.62%	0.488%
23	10.324	1354	1358	1360	rBV	408349	415957	8.64%	0.397%
24	10.348	1360	1362	1365	rVV	457196	348322	7.23%	0.333%
25	10.413	1368	1373	1374	rBV2	311973	373800	7.76%	0.357%
26	10.430	1374	1376	1379	rVB	400175	311238	6.46%	0.297%
27	10.554	1394	1397	1403	rVV3	673453	757451	15.72%	0.723%
28	10.607	1403	1406	1407	rVV	333260	319965	6.64%	0.305%
29	10.619	1407	1408	1410	rVV	433627	364332	7.56%	0.348%
30	10.642	1410	1412	1414	rVV3	415742	369668	7.67%	0.353%
31	10.666	1414	1416	1419	rVV	270992	278043	5.77%	0.265%
32	10.707	1419	1423	1429	rVB3	289634	579234	12.02%	0.553%
33	10.801	1429	1439	1442	rBV	3428862	3530797	73.30%	3.371%
34	10.919	1457	1459	1462	rVB2	334683	279251	5.80%	0.267%

LSC Area Percent Report

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Data File : BF106301.D
Acq On : 11 Jun 2018 18:15
Operator : JU/SJ
Sample : J3377-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-B-DB-S

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	11.101	1485	1490	1493	rVV2	571934	837938	17.40%	0.800%
36	11.130	1493	1495	1498	rVV2	602336	629090	13.06%	0.601%
37	11.160	1498	1500	1502	rVV2	234196	273524	5.68%	0.261%
38	11.189	1502	1505	1507	rVV	455530	418758	8.69%	0.400%
39	11.219	1507	1510	1513	rVV2	256717	332331	6.90%	0.317%
40	11.254	1513	1516	1520	rVV2	286765	373339	7.75%	0.356%
41	11.301	1520	1524	1527	rVV3	232925	288187	5.98%	0.275%
42	11.348	1527	1532	1535	rVV3	284487	377999	7.85%	0.361%
43	11.395	1537	1540	1547	rVB	430722	426749	8.86%	0.407%
44	11.501	1554	1558	1560	rBV	2244491	2100210	43.60%	2.005%
45	11.524	1560	1562	1565	rVV	3488766	2978581	61.83%	2.843%
46	11.571	1568	1570	1573	rVV	1177824	990049	20.55%	0.945%
47	11.607	1573	1576	1578	rVV3	282034	334205	6.94%	0.319%
48	11.730	1594	1597	1603	rBV4	127549	305737	6.35%	0.292%
49	11.830	1610	1614	1617	rVB	501971	457889	9.51%	0.437%
50	11.913	1625	1628	1631	rBV	310057	338235	7.02%	0.323%
51	11.954	1631	1635	1637	rVV3	232694	342779	7.12%	0.327%
52	12.001	1640	1643	1646	rVV	2220313	2535770	52.64%	2.421%
53	12.030	1646	1648	1651	rVV	2468204	2005216	41.63%	1.914%
54	12.077	1652	1656	1659	rBV	960061	804038	16.69%	0.768%
55	12.113	1659	1662	1665	rVV2	2159765	2698436	56.02%	2.576%
56	12.136	1665	1666	1669	rVB	1497384	917984	19.06%	0.876%
57	12.295	1685	1693	1695	rBV	807783	875707	18.18%	0.836%
58	12.318	1695	1697	1703	rVB4	345383	416776	8.65%	0.398%
59	12.442	1713	1718	1721	rBV2	689709	766254	15.91%	0.731%
60	12.477	1721	1724	1726	rBV	638894	533171	11.07%	0.509%
61	12.501	1726	1728	1730	rVB	508614	397574	8.25%	0.380%
62	12.554	1730	1737	1739	rBV	1430215	1635186	33.95%	1.561%
63	12.589	1739	1743	1748	rVB2	893714	1405967	29.19%	1.342%
64	12.636	1748	1751	1761	rBV3	631594	965201	20.04%	0.921%
65	12.713	1761	1764	1768	rBV	2418058	2191738	45.50%	2.092%
66	12.948	1797	1804	1809	rBV	3678706	4594365	95.38%	4.386%
67	12.995	1809	1812	1816	rVB	513283	541046	11.23%	0.516%
68	13.054	1816	1822	1823	rBV3	179065	315109	6.54%	0.301%
69	13.089	1823	1828	1834	rVB	4329938	4741298	98.43%	4.526%
70	13.160	1836	1840	1847	rVB2	655682	1009652	20.96%	0.964%
71	13.248	1852	1855	1856	rBV3	438473	435188	9.03%	0.415%

LSC Area Percent Report

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Acq On : 11 Jun 2018 18:15
Operator : JU/SJ
Sample : J3377-01
Misc :
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Instrument : BNA_F
ClientSampleId : TP-B-DB-S

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

72	13.271	1856	1859	1862	rVB	868552	899683	18.68%	0.859%
73	13.336	1867	1870	1873	rBV	575715	535375	11.11%	0.511%
74	13.377	1873	1877	1879	rBV	1196423	1010746	20.98%	0.965%
75	13.471	1889	1893	1895	rBV	965633	793653	16.48%	0.758%
76	13.501	1895	1898	1901	rVB	888263	706316	14.66%	0.674%
77	13.760	1938	1942	1943	rBV2	200335	270860	5.62%	0.259%
78	13.777	1943	1945	1950	rVB	335580	383179	7.95%	0.366%
79	13.877	1959	1962	1963	rBV	298204	264086	5.48%	0.252%
80	14.142	1999	2007	2010	rBV2	2005019	3239043	67.24%	3.092%
81	14.171	2010	2012	2017	rVB	1422930	1232538	25.59%	1.177%
82	14.501	2065	2068	2070	rBV	259976	267312	5.55%	0.255%
83	14.536	2070	2074	2077	rVV	836587	981963	20.39%	0.937%
84	14.571	2077	2080	2083	rVV	479076	485488	10.08%	0.463%
85	14.612	2083	2087	2089	rVV2	261175	399039	8.28%	0.381%
86	14.636	2089	2091	2093	rVV2	319081	293725	6.10%	0.280%
87	14.665	2093	2096	2098	rVV2	389242	395027	8.20%	0.377%
88	14.689	2098	2100	2104	rVV	312170	305445	6.34%	0.292%
89	14.736	2104	2108	2115	rVB3	173072	292846	6.08%	0.280%
90	14.883	2130	2133	2139	rVV2	177068	324069	6.73%	0.309%
91	14.977	2146	2149	2152	rVV2	193922	239217	4.97%	0.228%
92	15.012	2152	2155	2160	rVV3	180517	278561	5.78%	0.266%
93	15.218	2186	2190	2198	rBV	509697	1065285	22.12%	1.017%
94	15.542	2241	2245	2251	rVB	594043	734828	15.25%	0.701%
95	15.606	2252	2256	2262	rBV	809315	991647	20.59%	0.947%
96	15.677	2263	2268	2272	rBV	1173839	1572561	32.65%	1.501%
97	15.706	2272	2273	2280	rVB2	195234	257169	5.34%	0.246%
98	16.048	2328	2331	2340	rVB	150236	245718	5.10%	0.235%
99	17.224	2526	2531	2541	rVB2	210400	467426	9.70%	0.446%
100	17.700	2606	2612	2624	rVB	223570	522713	10.85%	0.499%

Sum of corrected areas: 104752759

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061118\
Data File : BF106301.D
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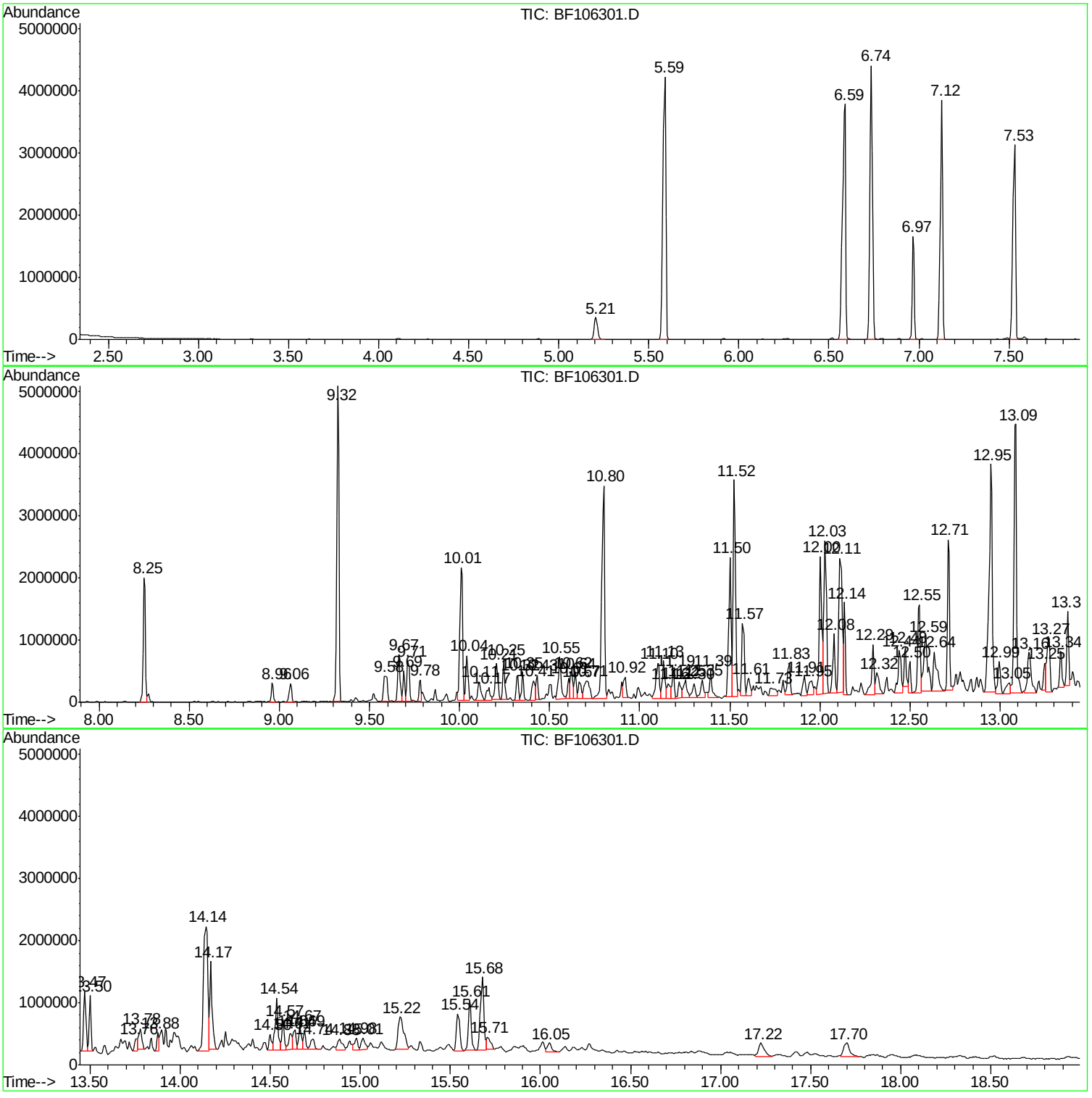
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-B-DB-S

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\BF061118\
Data File : BF106301.D
Acq On : 11 Jun 2018 18:15
Operator : JU/SJ
Sample : J3377-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-B-DB-S

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

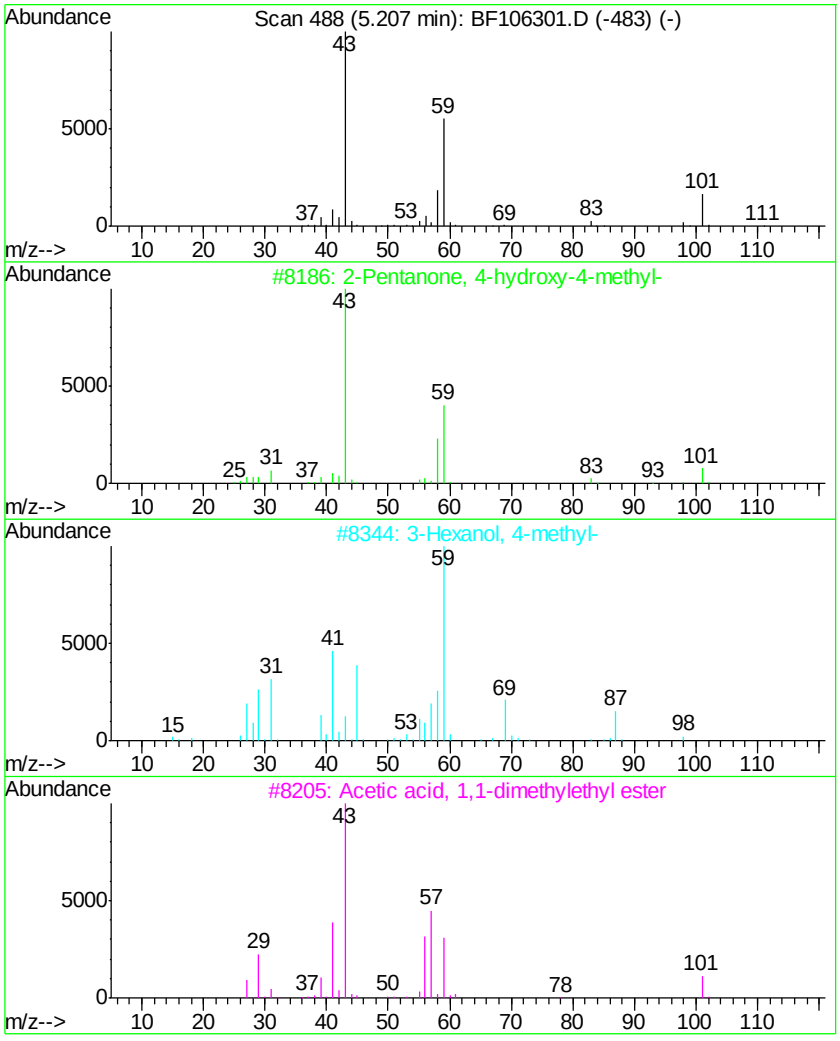
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

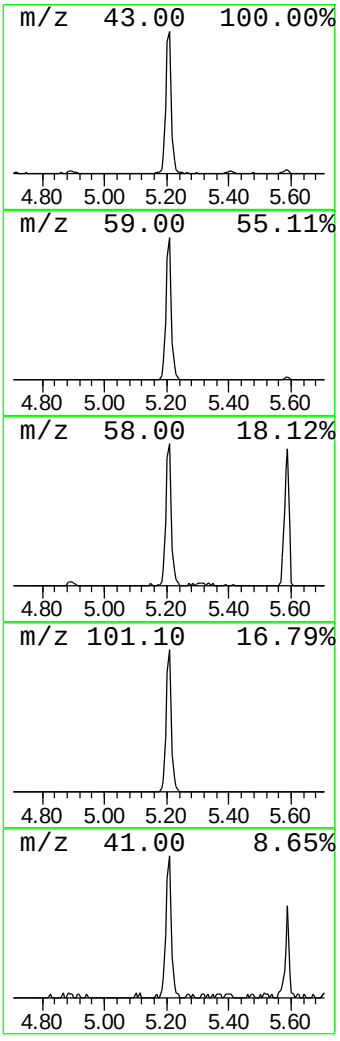
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.21	6.06 ng	434253	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	50
2	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
3	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	28
4	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061118\
Data File : BF106301.D
Acq On : 11 Jun 2018 18:15
Operator : JU/SJ
Sample : J3377-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-B-DB-S

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

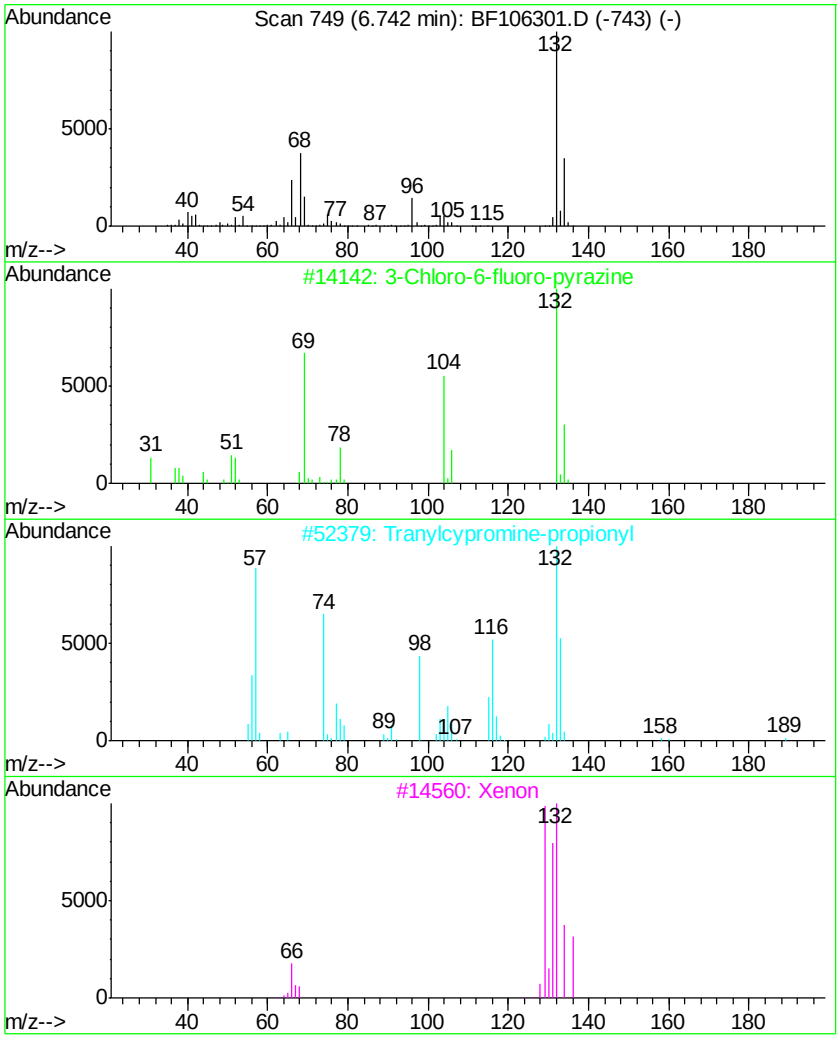
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

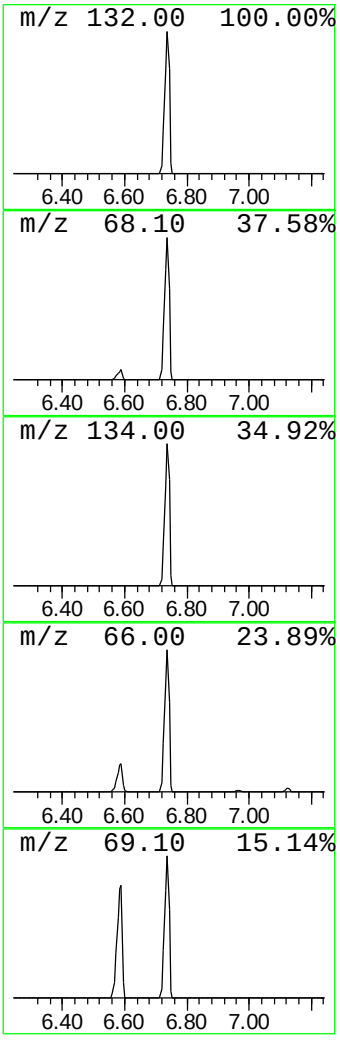
****

Peak Number 2 unknown6.74 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.74	62.60 ng	4482550	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3	Xenon	132	Xe	007440-63-3	9
4	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





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Instrument : BNA_F
ClientSampleId : TP-B-DB-S

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

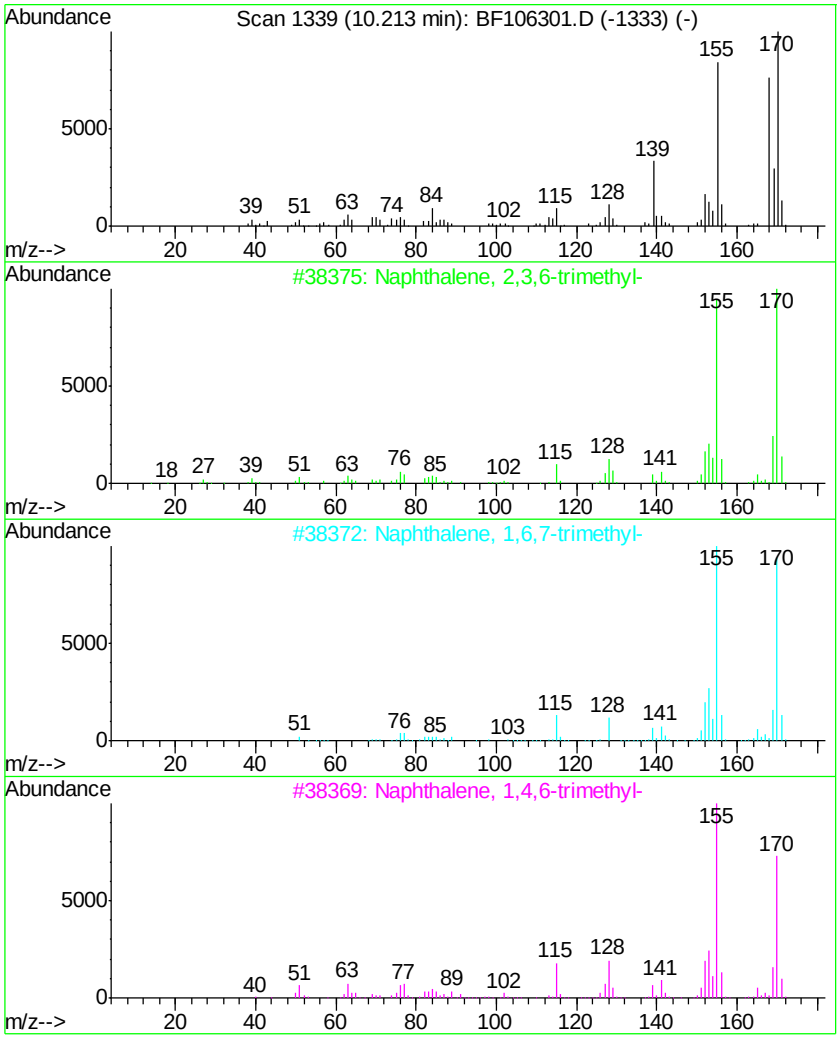
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

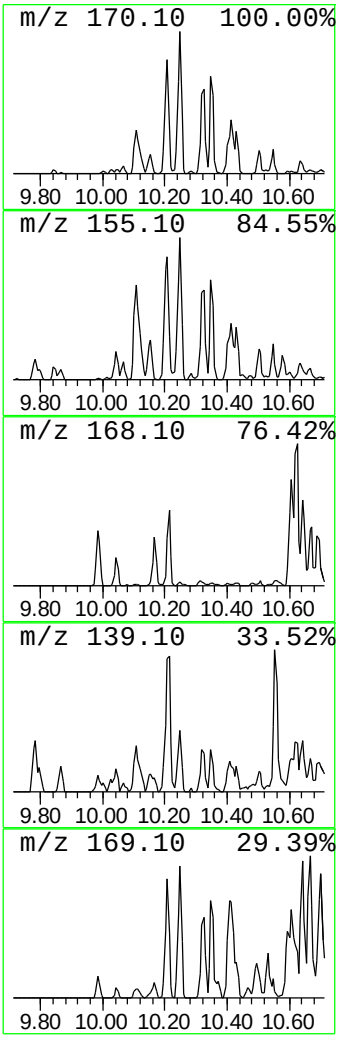
****

Peak Number 4 Naphthalene, 2,3,6-trimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.21	5.68 ng	587349	Acenaphthene-d10	10.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	95
4	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	94
5	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	87





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Sample : J3377-01
Misc :
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Instrument : BNA_F
ClientSampleId : TP-B-DB-S

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

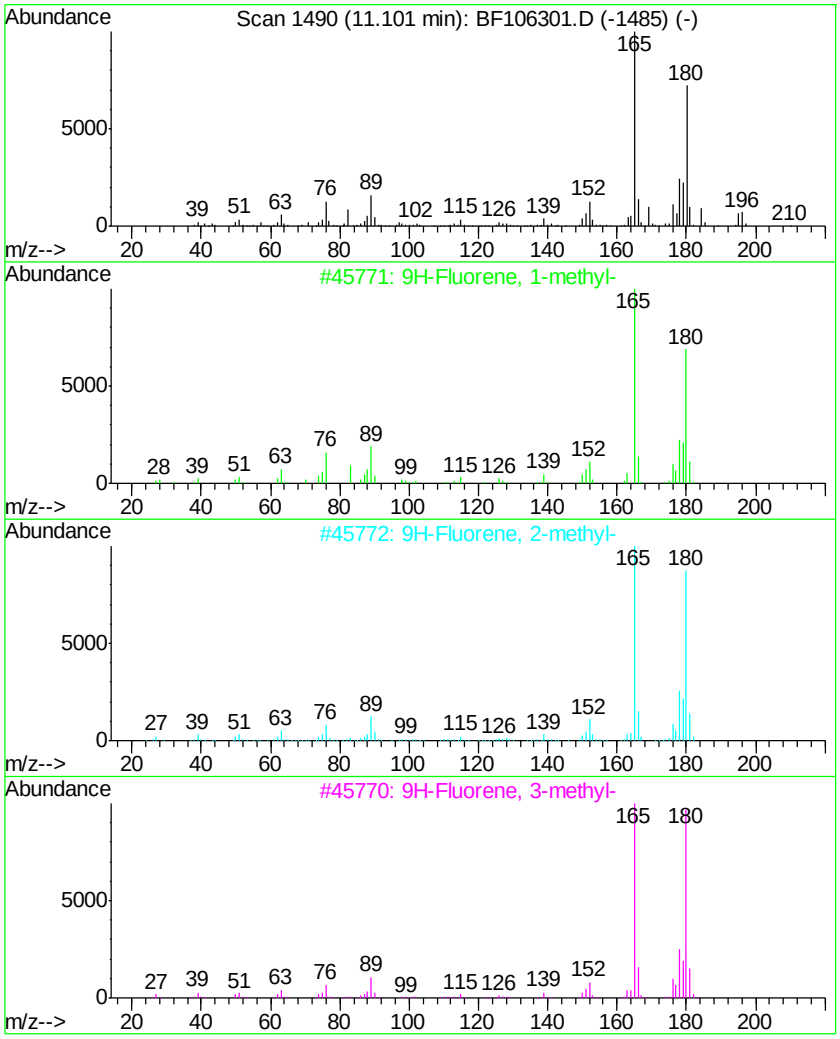
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

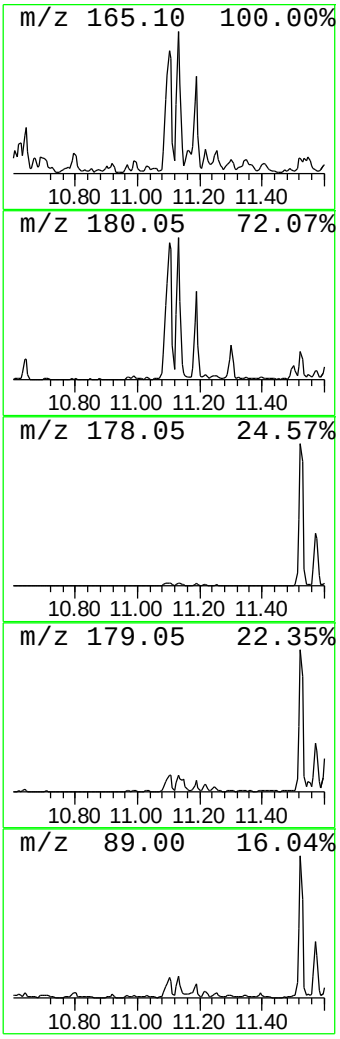
****

Peak Number 5 9H-Fluorene, 1-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.10	7.98 ng	837938	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	97
2	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	96
3	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	93
4	4a,9a-Methano-9H-fluorene	180	C14H12	019540-84-2	83
5	(3H)Benzo[c]pyrrole, 3-methyl-3-...	208	C14H12N2	059341-20-7	74





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061118\
Data File : BF106301.D
Acq On : 11 Jun 2018 18:15
Operator : JU/SJ
Sample : J3377-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-B-DB-S

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

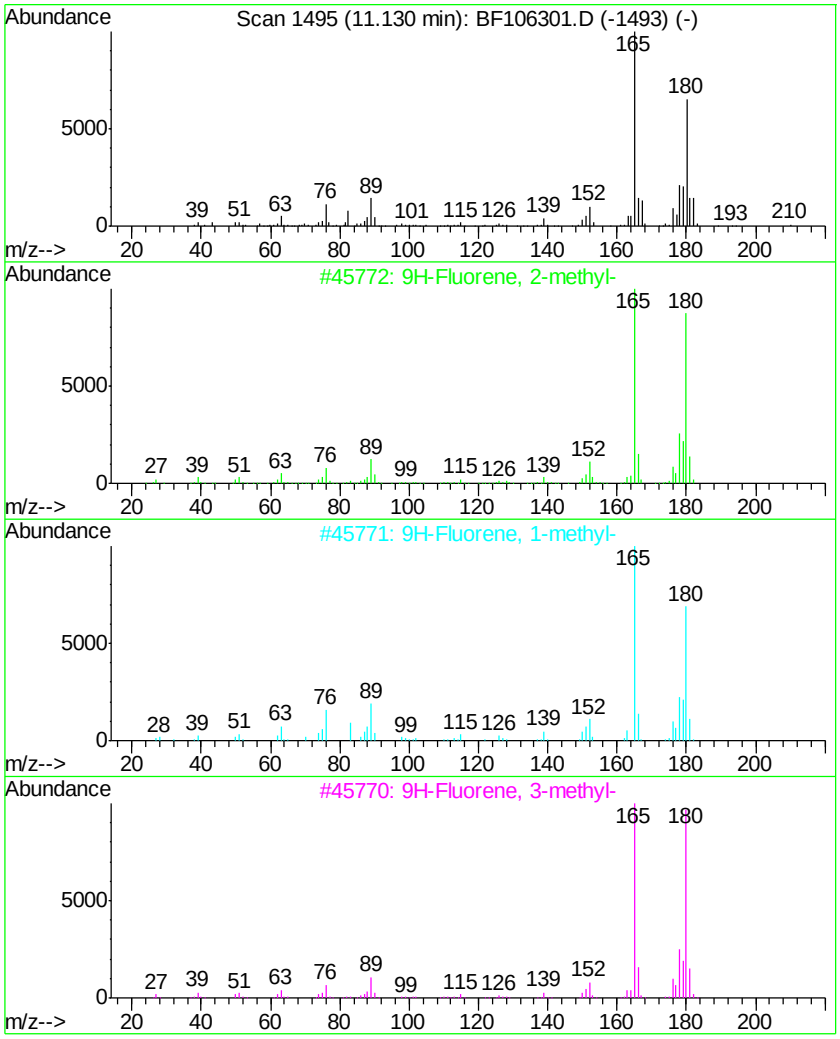
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

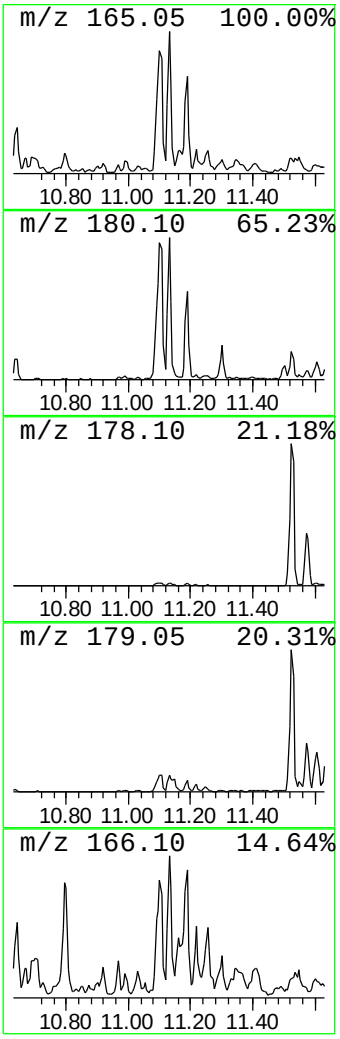
****

Peak Number 6 9H-Fluorene, 2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.13	5.99 ng	629090	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	96
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	96
3	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	93
4	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	76
5	Pentacyclo[6.4.0.1(1,8).1(2,7)]t...	180	C14H12	086120-84-5	53





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Data File : BF106301.D
Acq On : 11 Jun 2018 18:15
Operator : JU/SJ
Sample : J3377-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-B-DB-S

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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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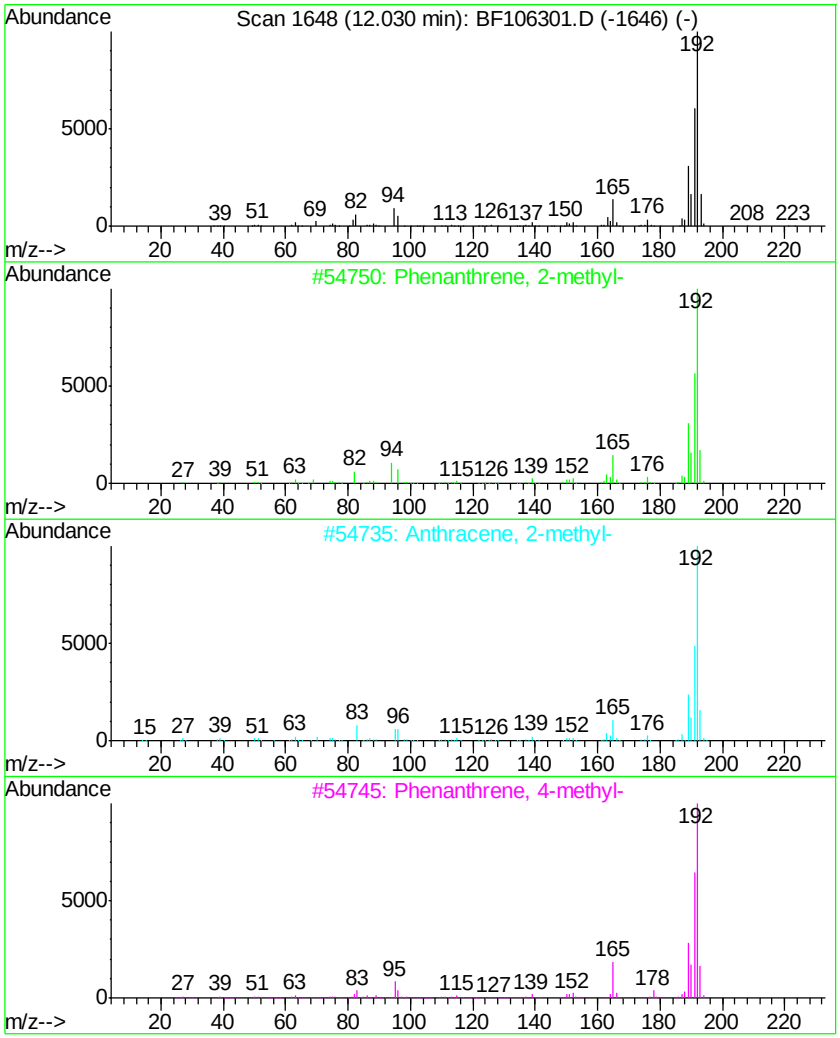
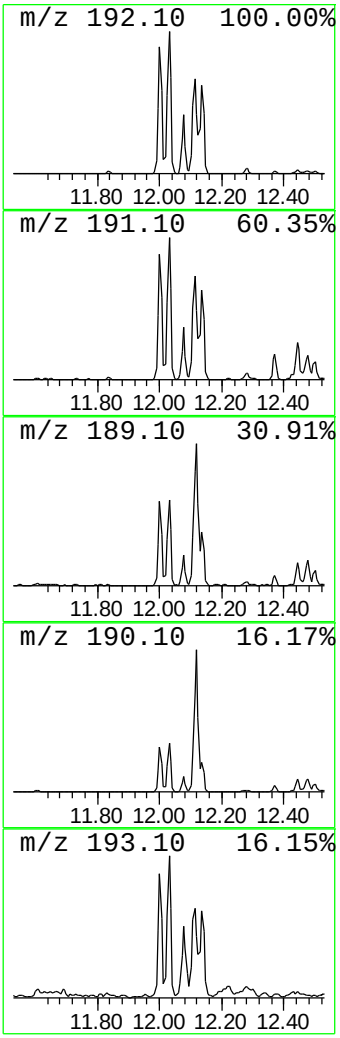
Peak Number 8 Phenanthrene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.03	19.10 ng	2005220	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94





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Sample : J3377-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-B-DB-S

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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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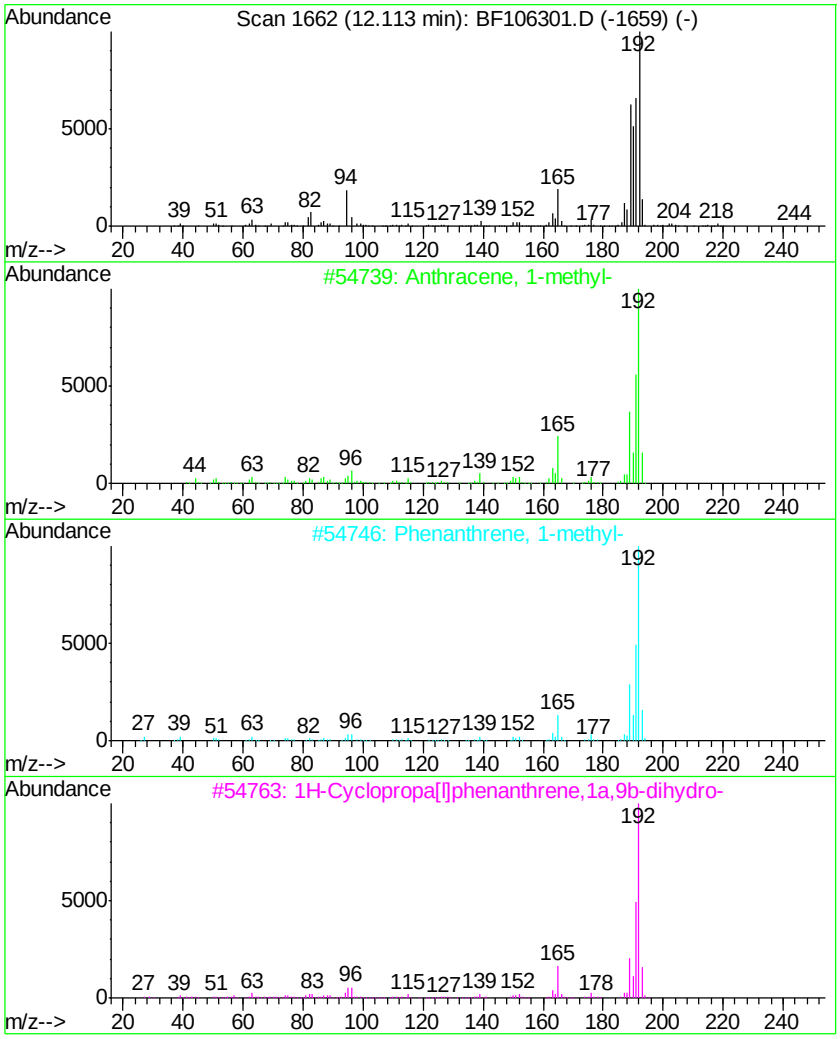
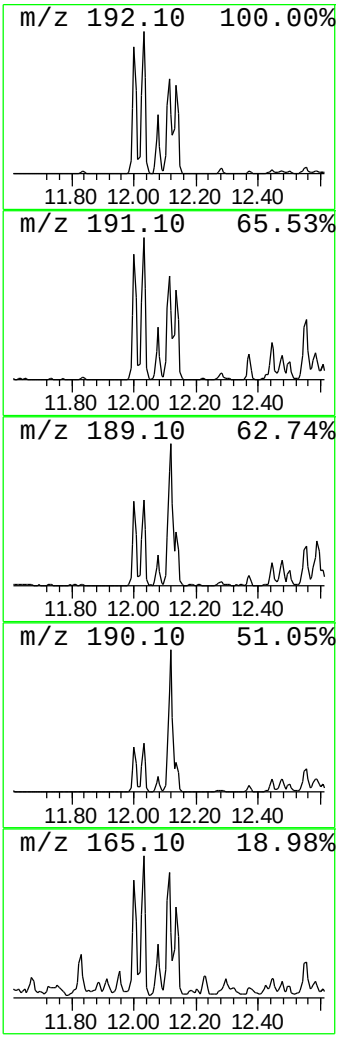
Peak Number 10 Anthracene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.11	25.70 ng	2698440	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	60
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	60
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	60
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	60





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Operator : JU/SJ
Sample : J3377-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-B-DB-S

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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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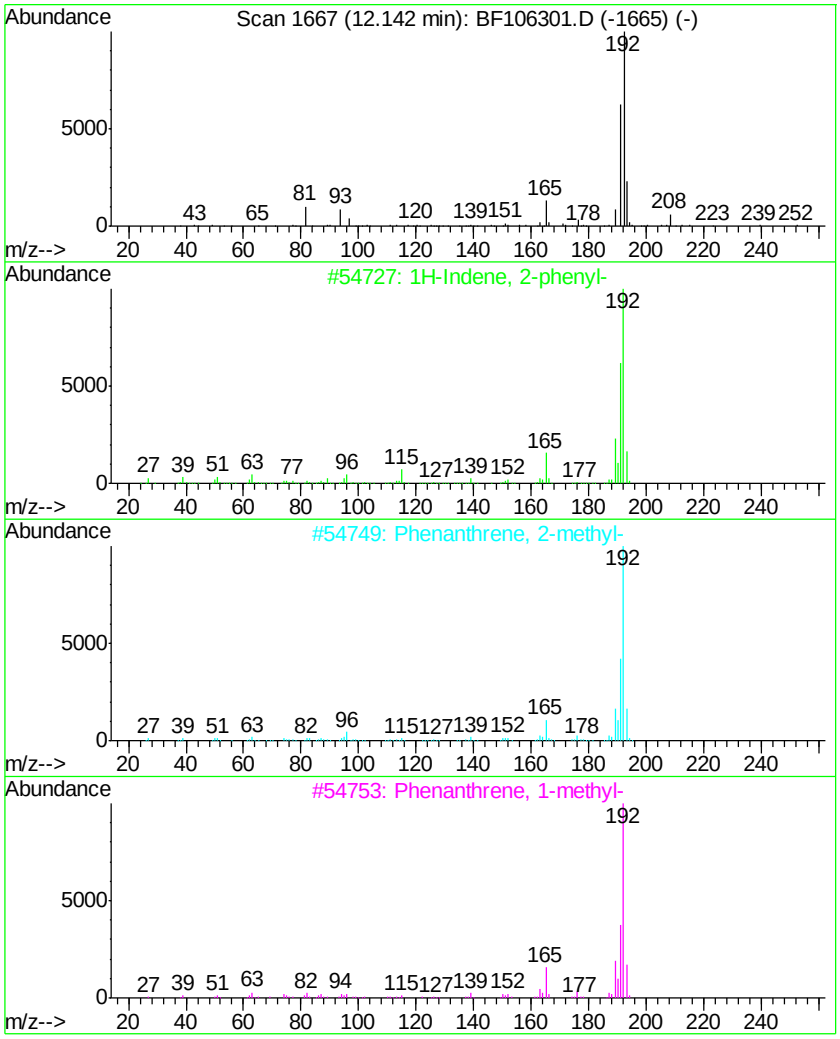
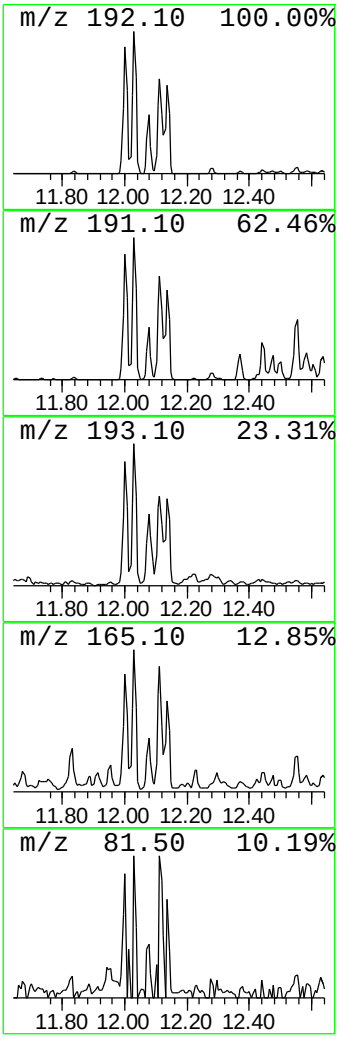
Peak Number 11 1H-Indene, 2-phenyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.14	8.74 ng	917984	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
5	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	94





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Operator : JU/SJ
Sample : J3377-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-B-DB-S

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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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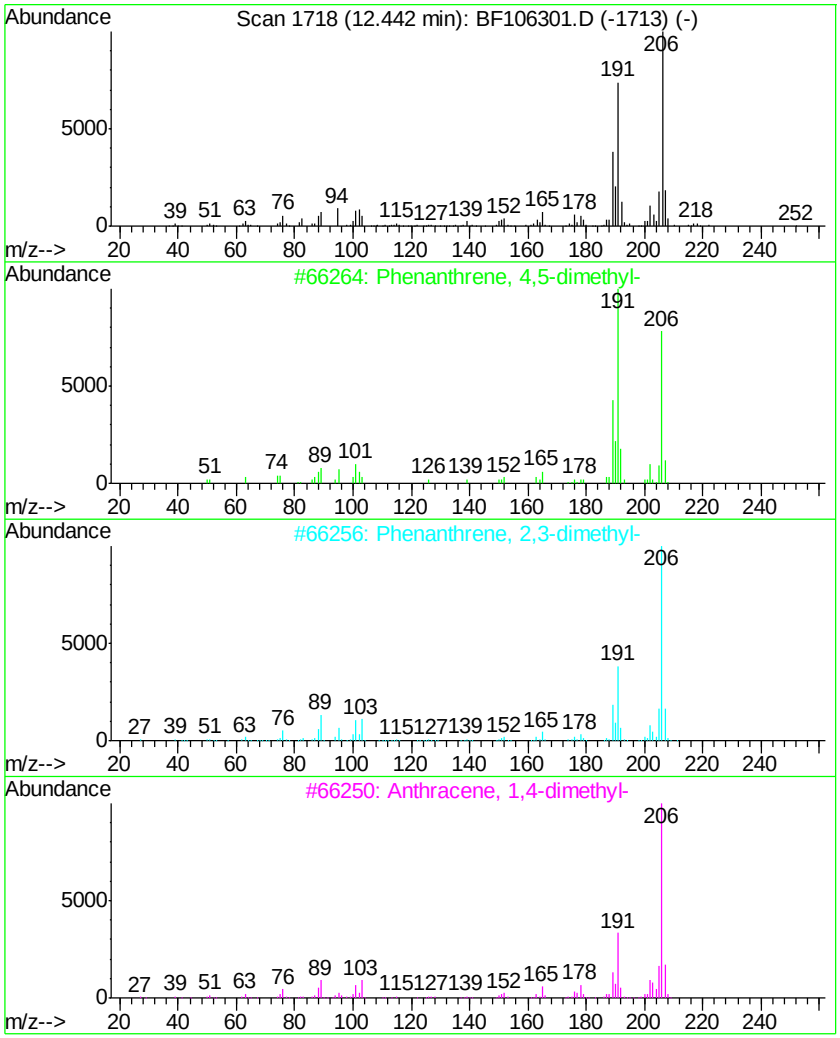
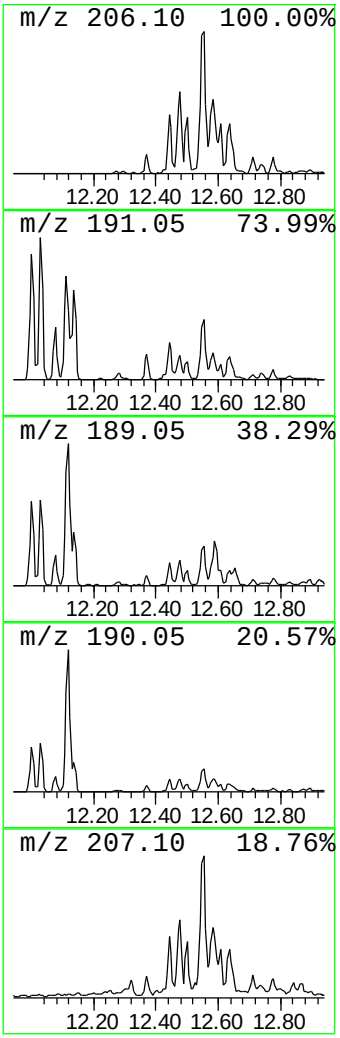
Peak Number 13 Phenanthrene, 4,5-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.44	7.30 ng	766254	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	95
2	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90
3	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	87
4	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	87
5	Anthracene, 2-ethyl-	206	C16H14	052251-71-5	81





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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-B-DB-S

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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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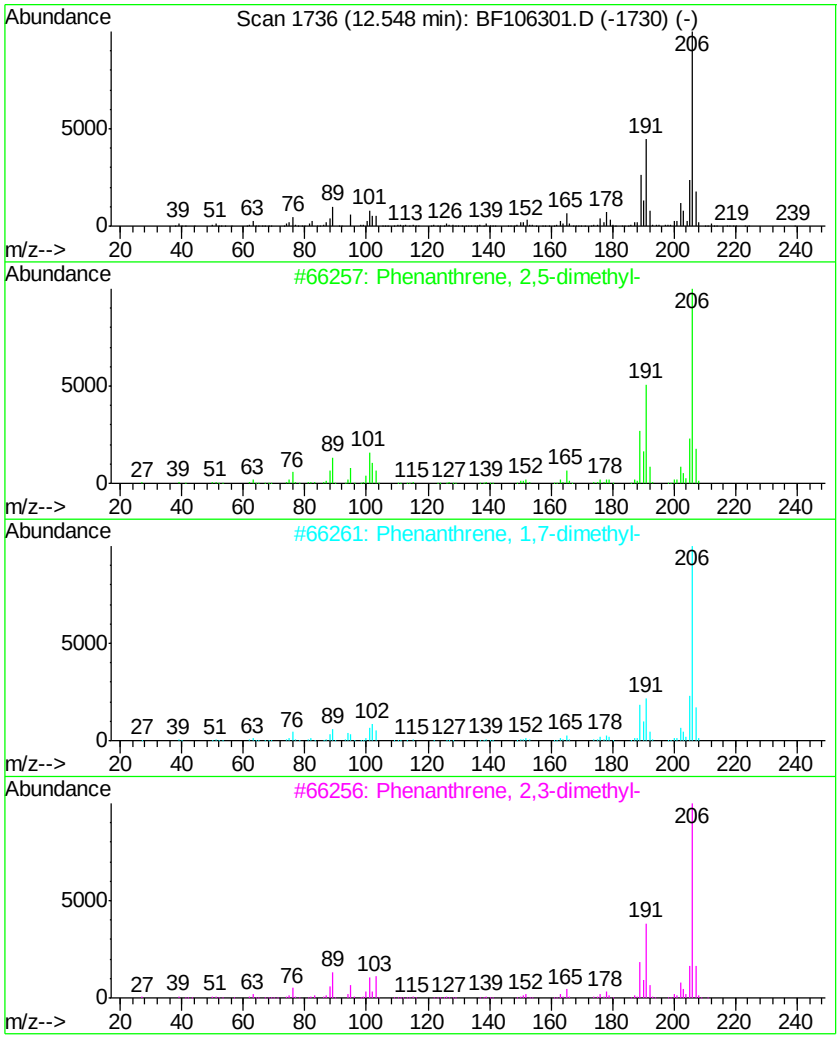
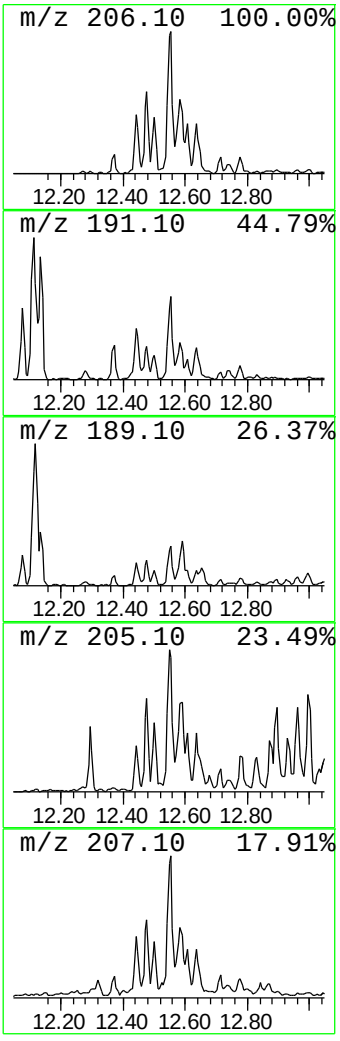
Peak Number 14 Phenanthrene, 2,5-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.55	15.57 ng	1635190	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	96
2	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90





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Sample : J3377-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-B-DB-S

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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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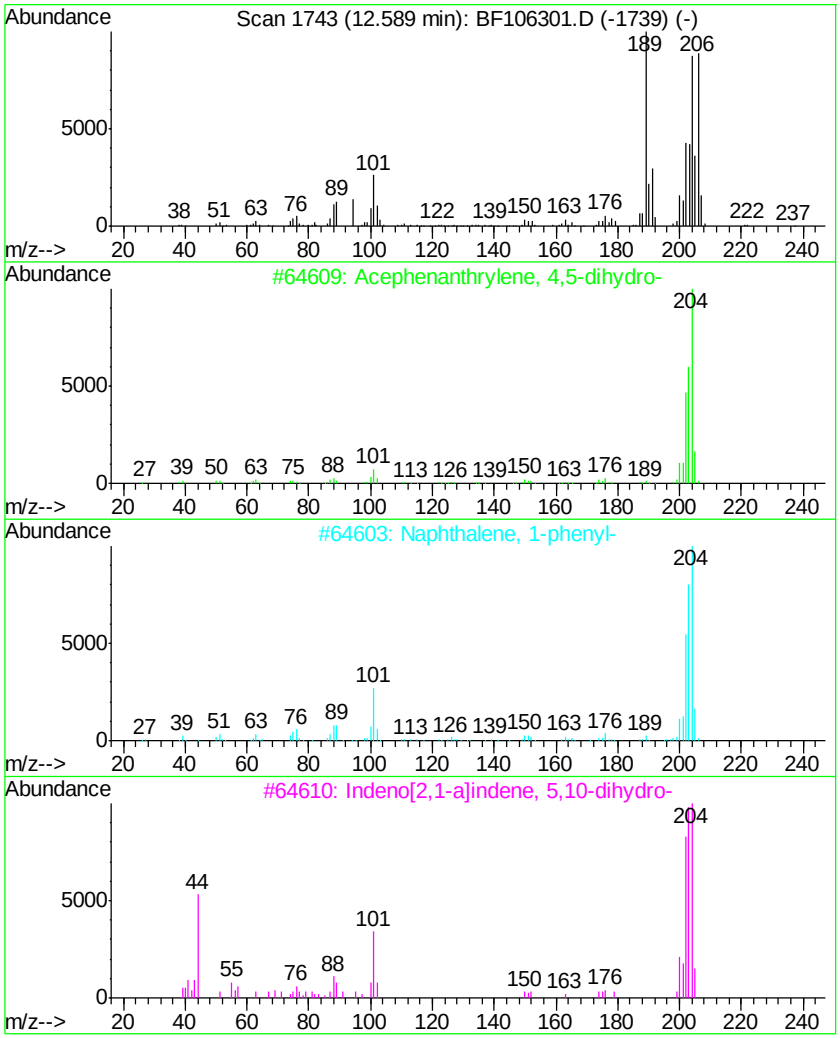
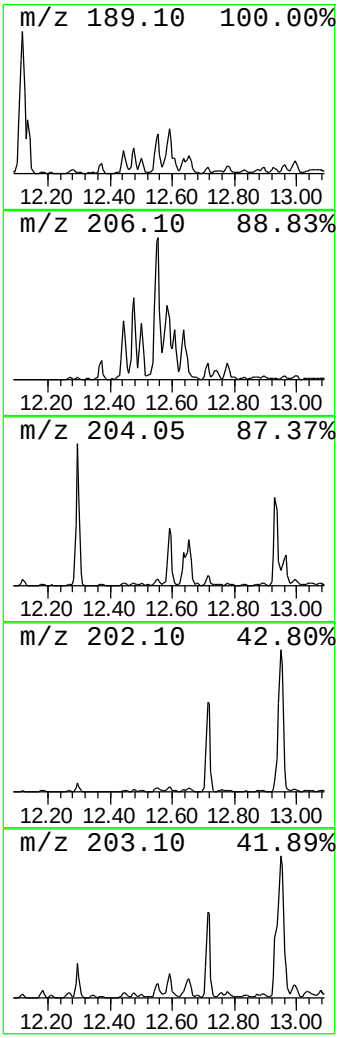
Peak Number 15 Acephenanthrylene, 4,5-dihy... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.59	13.39 ng	1405970	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acephenanthrylene, 4,5-dihydro-	204	C16H12	006232-48-0	76
2	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	45
3	Indeno[2,1-a]indene, 5,10-dihydro-	204	C16H12	006543-29-9	44
4	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	38
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	38





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Operator : JU/SJ
Sample : J3377-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-B-DB-S

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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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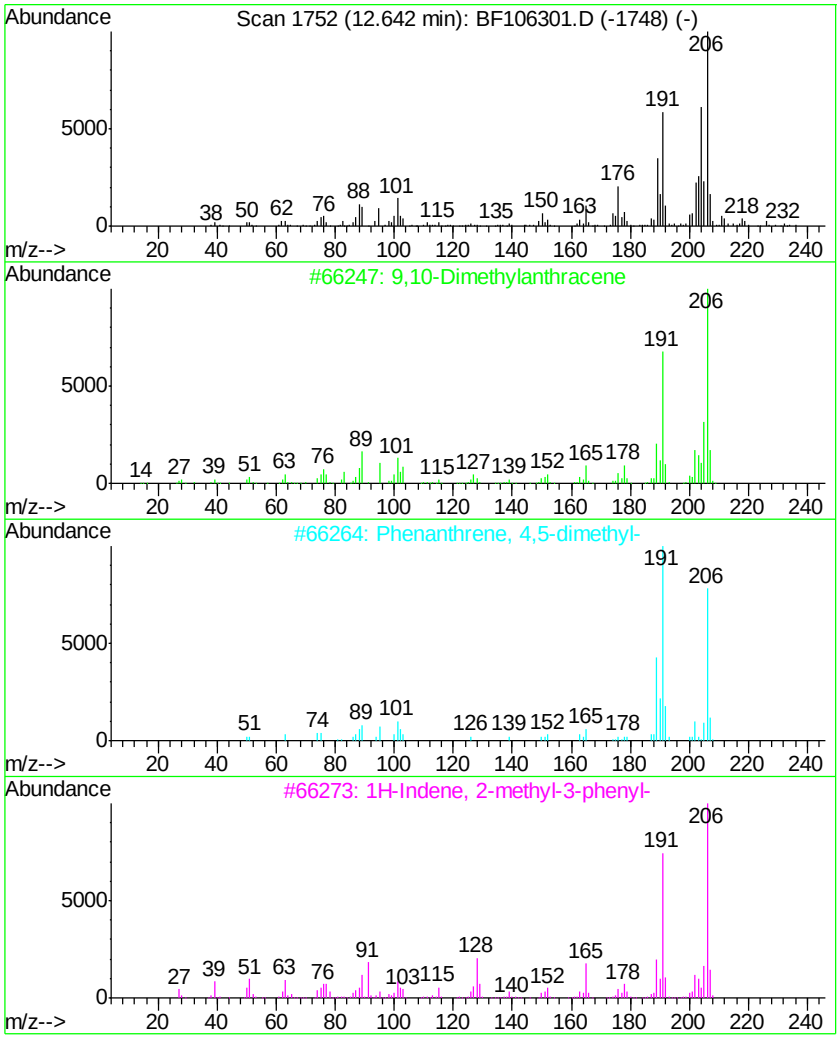
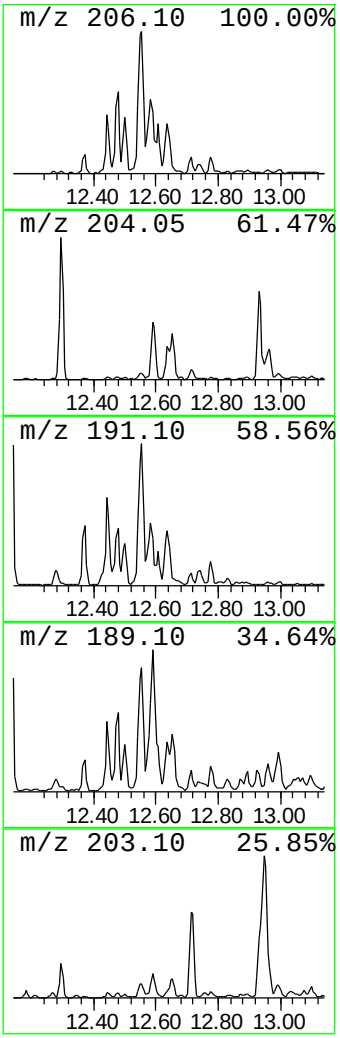
Peak Number 16 9,10-Dimethylanthracene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.64	9.19 ng	965201	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
2	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	92
3	1H-Indene, 2-methyl-3-phenyl-	206	C16H14	035099-60-6	83
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	83
5	Phenanthrene, 9,10-dimethyl-	206	C16H14	000604-83-1	78





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Sample : J3377-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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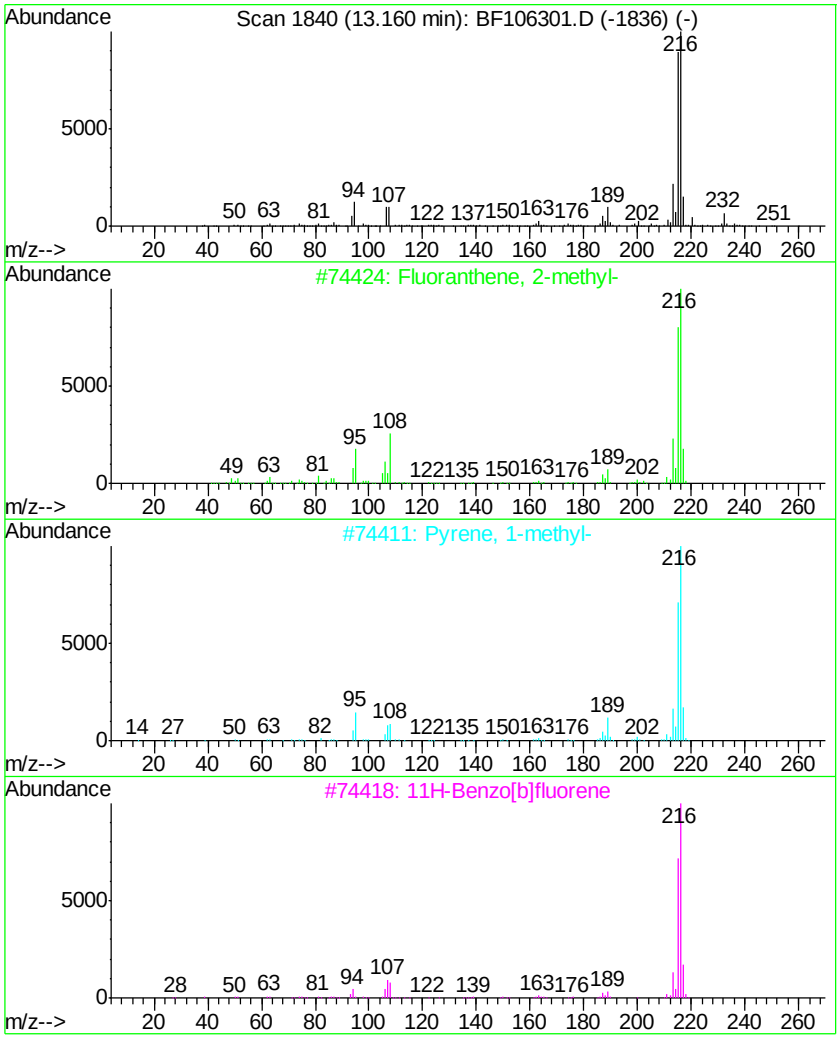
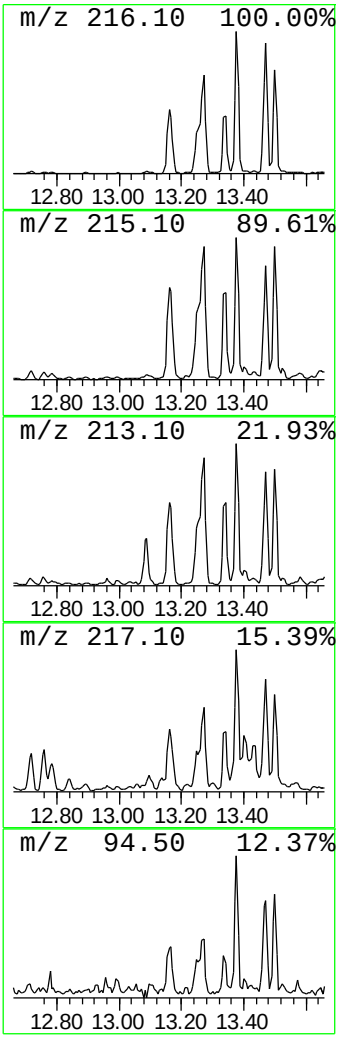
Peak Number 17 Fluoranthene, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.16	6.23 ng	1009650	Chrysene-d12	14.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	96
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	92
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	86





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Sample : J3377-01
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ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-B-DB-S

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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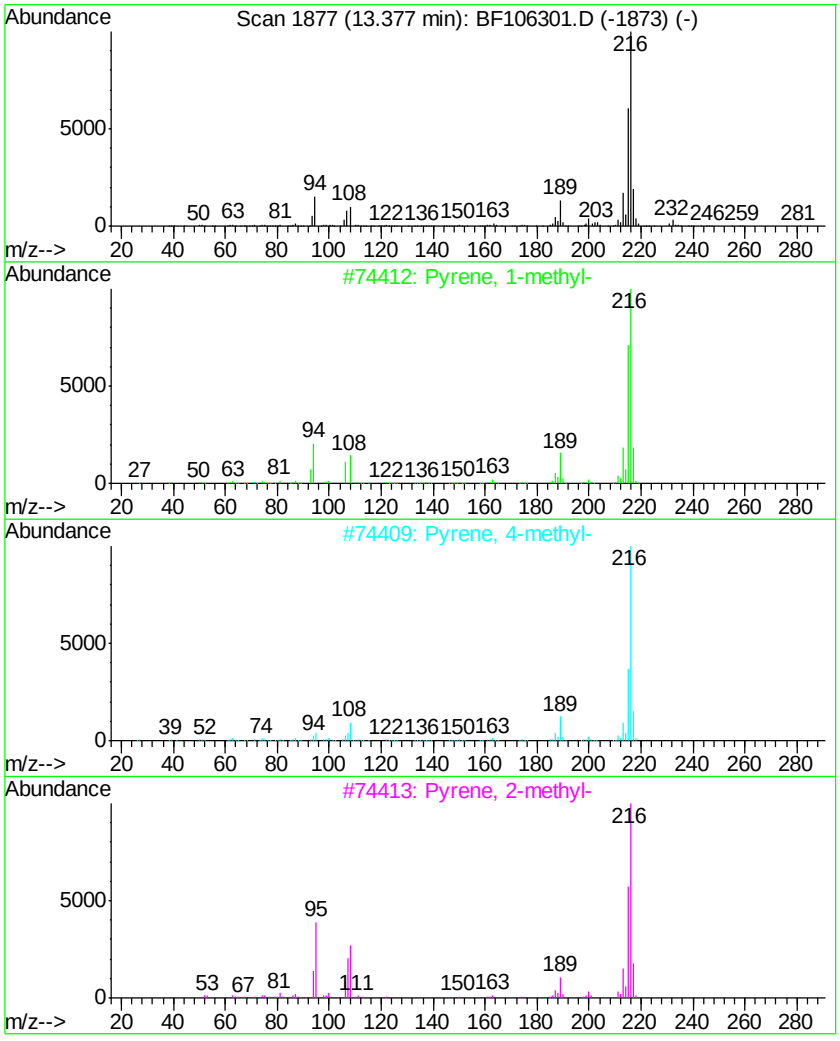
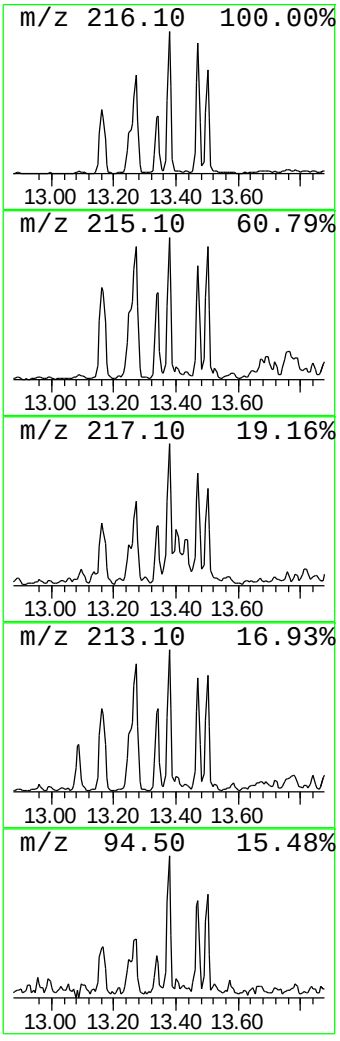
Peak Number 18 Pyrene, 1-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.38	6.24 ng	1010750	Chrysene-d12	14.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	98
2	Pyrene, 4-methyl-	216	C17H12	003353-12-6	94
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	93
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90





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Sample : J3377-01
Misc :
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Instrument : BNA_F
ClientSampleId : TP-B-DB-S

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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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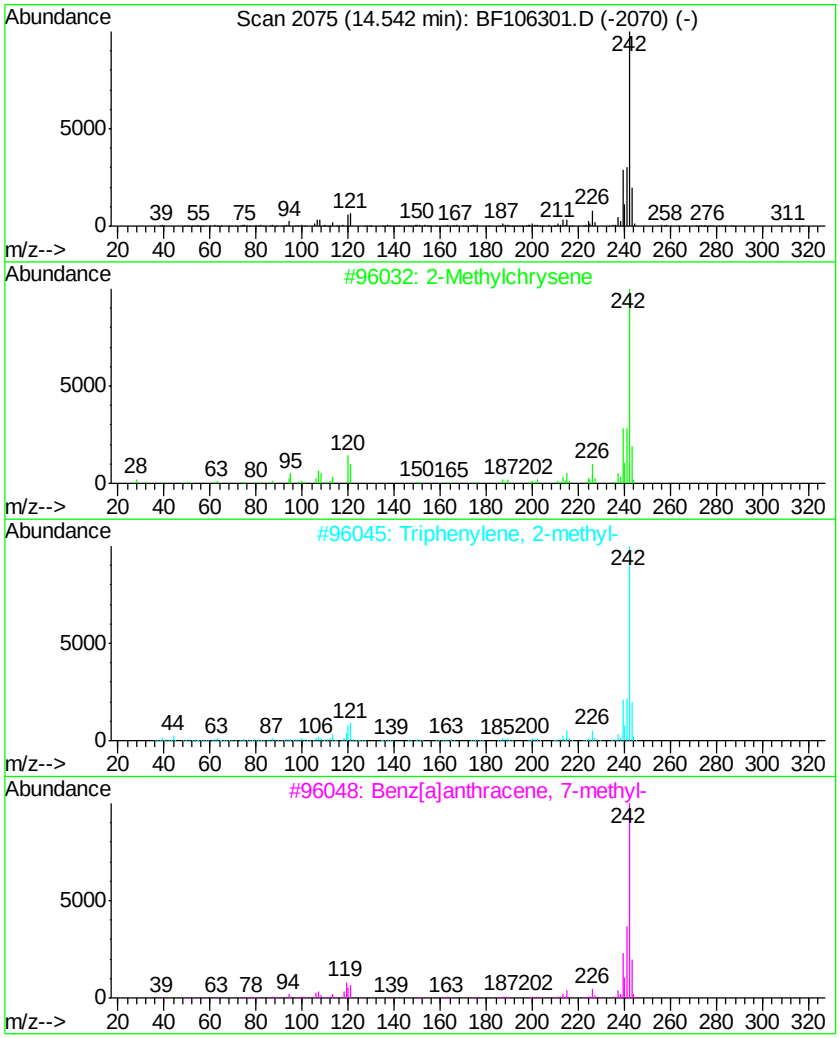
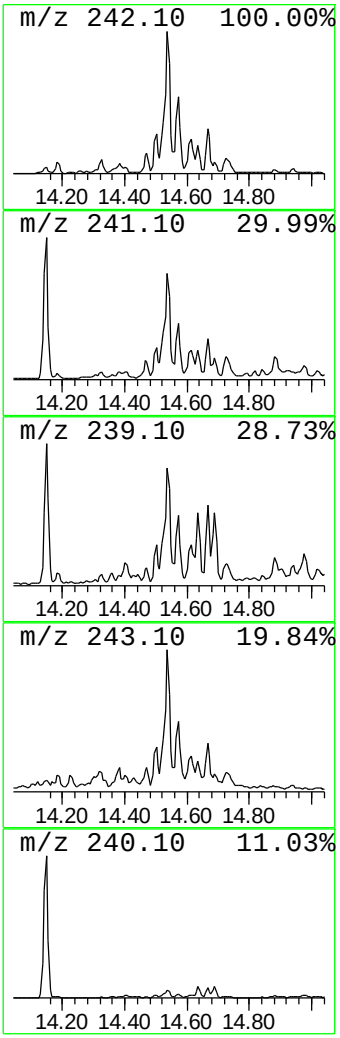
Peak Number 19 2-Methylchrysene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.54	6.06 ng	981963	Chrysene-d12	14.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methylchrysene	242	C19H14	003351-32-4	96
2	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	96
3	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	95
4	Chrysene, 1-methyl-	242	C19H14	003351-28-8	95
5	Benz[a]anthracene, 8-methyl-	242	C19H14	002381-31-9	95





Library Search Compound Report

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Data File : BF106301.D
Acq On : 11 Jun 2018 18:15
Operator : JU/SJ
Sample : J3377-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-B-DB-S

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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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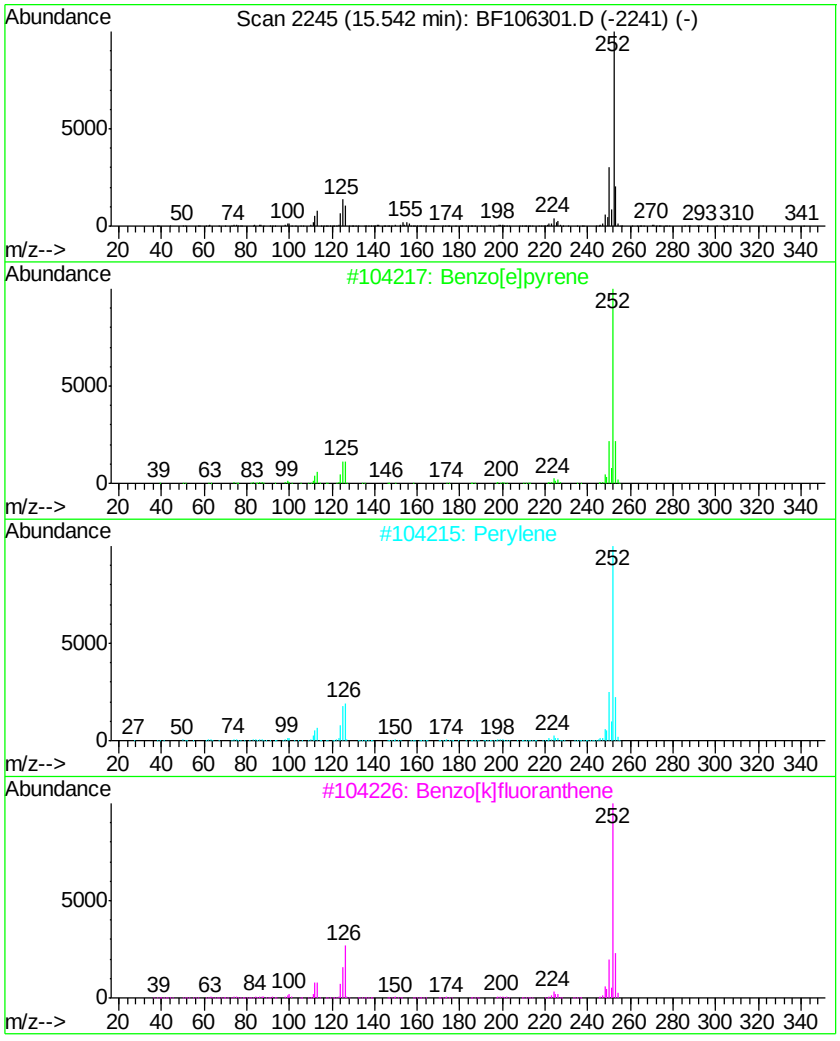
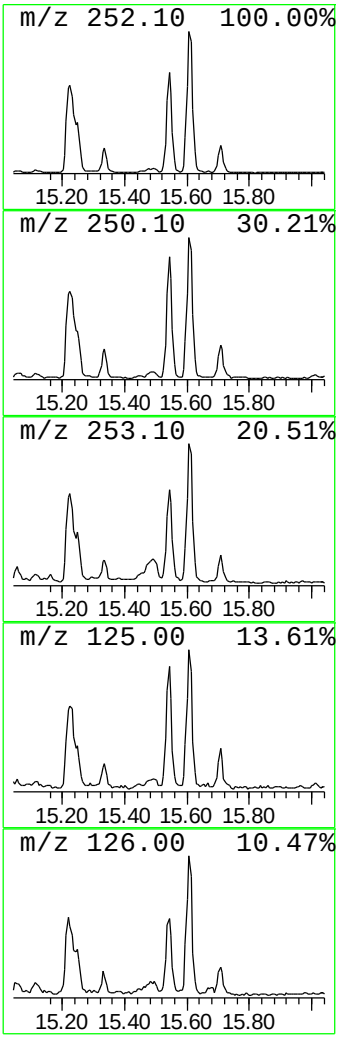
Peak Number 20 Benzo[e]pyrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.54	9.35 ng	734828	Perylene-d12	15.68

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	95
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
4	Benzo[a]pyrene	252	C20H12	000050-32-8	93
5	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	91





Tentatively Identified Compound (LSC) summary

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Data File : BF106301.D
Acq On : 11 Jun 2018 18:15
Operator : JU/SJ
Sample : J3377-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-B-DB-S

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...	5.21	6.1	ng	434253	1	6.97	1432220	20.0
unknown6.74	6.74	62.6	ng	4482550	1	6.97	1432220	20.0
Naphthalene, 2,3,...	10.21	5.7	ng	587349	3	10.01	2069340	20.0
9H-Fluorene, 1-me...	11.10	8.0	ng	837938	4	11.50	2100210	20.0
9H-Fluorene, 2-me...	11.13	6.0	ng	629090	4	11.50	2100210	20.0
Phenanthrene, 2-m...	12.03	19.1	ng	2005220	4	11.50	2100210	20.0
Anthracene, 1-met...	12.11	25.7	ng	2698440	4	11.50	2100210	20.0
1H-Indene, 2-phenyl-	12.14	8.7	ng	917984	4	11.50	2100210	20.0
Phenanthrene, 4,5...	12.44	7.3	ng	766254	4	11.50	2100210	20.0
Phenanthrene, 2,5...	12.55	15.6	ng	1635190	4	11.50	2100210	20.0
Acephenanthrylene...	12.59	13.4	ng	1405970	4	11.50	2100210	20.0
9,10-Dimethylanth...	12.64	9.2	ng	965201	4	11.50	2100210	20.0
Fluoranthene, 2-m...	13.16	6.2	ng	1009650	5	14.15	3239040	20.0
Pyrene, 1-methyl-	13.38	6.2	ng	1010750	5	14.15	3239040	20.0
2-Methylchrysene	14.54	6.1	ng	981963	5	14.15	3239040	20.0
Benzo[e]pyrene	15.54	9.3	ng	734828	6	15.68	1572560	20.0