LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062518\
Data File : BF106796.D
Acq On : 26 Jun 2018 2:18
Operator : JU/SJ
Sample : J3642-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEST-PIT-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	5.207	484	488	497	rBV	79537	107836	9.34%	0.579%
2	5.607	552	556	560	rBV	1174745	1133596	98.16%	6.087%
3	6.607	721	726	736	rVB	1053961	1154887	100.00%	6.202%
4	6.742	744	749	752	rBV	1202209	1150444	99.62%	6.178%
5	6.960	783	786	790	rBV	400894	313509	27.15%	1.683%
6	7.119	809	813	816	rBV	1007274	919848	79.65%	4.939%
7	7.525	877	882	886	rBV	677247	724689	62.75%	3.891%
8	8.242	1000	1004	1006	rBV	413854	351369	30.42%	1.887%
9	8.266	1006	1008	1011	rVB	101362	79106	6.85%	0.425%
10	8.954	1122	1125	1128	rBV	76553	69916	6.05%	0.375%
11	9.054	1138	1142	1145	rVV	70668	63085	5.46%	0.339%
12	9.248	1167	1175	1177	rBV2	20564	29478	2.55%	0.158%
13	9.319	1181	1187	1190	rBV	1226186	1107851	95.93%	5.949%
14	9.389	1195	1199	1202	rVB3	20917	21766	1.88%	0.117%
15	9.513	1218	1220	1224	rVB	19550	22792	1.97%	0.122%
16	9.583	1227	1232	1237	rBV2	60013	90221	7.81%	0.484%
17	9.660	1240	1245	1247	rBV	89298	94497	8.18%	0.507%
18	9.683	1247	1249	1250	rBV	44039	31996	2.77%	0.172%
19	9.707	1250	1253	1260	rVB	193882	197160	17.07%	1.059%
20	9.778	1260	1265	1266	rBV3	44162	49536	4.29%	0.266%
21	9.860	1276	1279	1283	rBV2	62457	60911	5.27%	0.327%
22	9.907	1284	1287	1292	rVB2	52210	49287	4.27%	0.265%
23	9.978	1296	1299	1300	rVV	32747	26004	2.25%	0.140%
24	10.001	1300	1303	1306	rVV	385119	355292	30.76%	1.908%
25	10.036	1306	1309	1312	rVV	479024	381475	33.03%	2.048%
26	10.101	1316	1320	1324	rBV	32521	46760	4.05%	0.251%
27	10.160	1324	1330	1333	rVV3	33265	49401	4.28%	0.265%
28	10.207	1333	1338	1341	rVV2	188590	192881	16.70%	1.036%
29	10.242	1341	1344	1347	rVB	62087	57761	5.00%	0.310%
30	10.313	1352	1356	1359	rBV	61007	69014	5.98%	0.371%
31	10.342	1359	1361	1367	rVB	37201	42398	3.67%	0.228%
32	10.407	1367	1372	1377	rBV3	82268	112563	9.75%	0.604%
33	10.554	1393	1397	1401	rVV	326870	307781	26.65%	1.653%
34	10.601	1402	1405	1406	rVV2	33239	30065	2.60%	0.161%

LSC Area Percent Report

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Data File : BF106796.D
Acq On : 26 Jun 2018 2:18
Operator : JU/SJ
Sample : J3642-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEST-PIT-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	10.636	1406	1411	1413	rVV3	77159	120530	10.44%	0.647%
36	10.660	1413	1415	1417	rVV2	32081	31907	2.76%	0.171%
37	10.689	1417	1420	1421	rVV2	33393	36750	3.18%	0.197%
38	10.707	1421	1423	1427	rVB	82968	72189	6.25%	0.388%
39	10.801	1434	1439	1442	rBV2	719677	738214	63.92%	3.964%
40	10.895	1450	1455	1463	rVB4	79843	154222	13.35%	0.828%
41	10.989	1468	1471	1473	rBV3	27038	29195	2.53%	0.157%
42	11.101	1484	1490	1493	rBV2	54386	68788	5.96%	0.369%
43	11.130	1493	1495	1498	rBV2	32093	27131	2.35%	0.146%
44	11.183	1502	1504	1507	rVB2	32648	25056	2.17%	0.135%
45	11.225	1507	1511	1513	rBV3	29410	46855	4.06%	0.252%
46	11.248	1513	1515	1519	rVB3	33822	36857	3.19%	0.198%
47	11.295	1521	1523	1527	rVB4	19370	18204	1.58%	0.098%
48	11.336	1527	1530	1532	rBV3	47904	48713	4.22%	0.262%
49	11.395	1537	1540	1543	rVB	78961	74497	6.45%	0.400%
50	11.495	1554	1557	1559	rBV	364032	343745	29.76%	1.846%
51	11.525	1559	1562	1565	rVV	819027	699280	60.55%	3.755%
52	11.572	1567	1570	1573	rBV	236461	194830	16.87%	1.046%
53	11.607	1573	1576	1578	rVV	38897	34565	2.99%	0.186%
54	11.730	1592	1597	1600	rBV	38631	58488	5.06%	0.314%
55	11.760	1600	1602	1605	rVB2	22618	17834	1.54%	0.096%
56	11.789	1605	1607	1609	rBV	21990	19407	1.68%	0.104%
57	11.830	1611	1614	1617	rVB3	15347	18711	1.62%	0.100%
58	12.001	1637	1643	1645	rBV	97668	111955	9.69%	0.601%
59	12.025	1645	1647	1651	rVV	129682	111983	9.70%	0.601%
60	12.072	1652	1655	1658	rVV	59647	59765	5.17%	0.321%
61	12.113	1658	1662	1665	rVV2	262637	275240	23.83%	1.478%
62	12.136	1665	1666	1669	rVB	67213	33463	2.90%	0.180%
63	12.172	1669	1672	1675	rBV2	22614	27455	2.38%	0.147%
64	12.230	1679	1682	1685	rVV3	24455	22582	1.96%	0.121%
65	12.295	1689	1693	1696	rVV	66257	65360	5.66%	0.351%
66	12.442	1713	1718	1721	rBV4	41902	51808	4.49%	0.278%
67	12.472	1721	1723	1726	rVV	32457	26797	2.32%	0.144%
68	12.548	1733	1736	1740	rBV	69808	80048	6.93%	0.430%
69	12.589	1740	1743	1745	rVV2	30899	36377	3.15%	0.195%
70	12.636	1748	1751	1755	rBV3	30391	39775	3.44%	0.214%
71	12.719	1761	1765	1768	rBV	943988	855621	74.09%	4.595%

LSC Area Percent Report

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Acq On : 26 Jun 2018 2:18
Operator : JU/SJ
Sample : J3642-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEST-PIT-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

72	12.748	1768	1770	1773	rVV2	63974	60088	5.20%	0.323%
73	12.777	1773	1775	1778	rVB	24908	19171	1.66%	0.103%
74	12.866	1788	1790	1793	rBV	30424	30561	2.65%	0.164%
75	12.930	1797	1801	1802	rBV2	169297	178001	15.41%	0.956%
76	12.948	1802	1804	1809	rVV	710453	672799	58.26%	3.613%
77	12.995	1809	1812	1816	rVB	55996	57985	5.02%	0.311%
78	13.083	1821	1827	1830	rBV	1235206	1125158	97.43%	6.042%
79	13.166	1836	1841	1845	rBV2	40218	79031	6.84%	0.424%
80	13.219	1847	1850	1852	rVB	22664	17772	1.54%	0.095%
81	13.271	1852	1859	1865	rBV	120916	172821	14.96%	0.928%
82	13.342	1867	1871	1872	rBV	98303	92612	8.02%	0.497%
83	13.377	1875	1877	1880	rVB	61820	49829	4.31%	0.268%
84	13.471	1891	1893	1895	rBV	56451	40990	3.55%	0.220%
85	13.501	1896	1898	1901	rVV	34134	33476	2.90%	0.180%
86	13.754	1938	1941	1943	rBV3	29163	35107	3.04%	0.189%
87	13.783	1943	1946	1950	rVB	71454	75869	6.57%	0.407%
88	13.895	1960	1965	1967	rBV2	47565	70633	6.12%	0.379%
89	13.924	1968	1970	1972	rVV	45840	47325	4.10%	0.254%
90	13.954	1972	1975	1980	rVB4	83059	105679	9.15%	0.567%
91	14.101	1997	2000	2002	rBV	33253	27266	2.36%	0.146%
92	14.148	2003	2008	2011	rVV2	429220	581427	50.34%	3.122%
93	14.171	2011	2012	2019	rVB	184614	151397	13.11%	0.813%
94	14.254	2024	2026	2028	rBV	32653	32586	2.82%	0.175%
95	15.230	2188	2192	2195	rBV	86589	132850	11.50%	0.713%
96	15.554	2244	2247	2253	rVB	60166	78592	6.81%	0.422%
97	15.618	2255	2258	2263	rVB	67066	83321	7.21%	0.447%
98	15.689	2266	2270	2274	rVB	174007	217938	18.87%	1.170%
99	15.795	2284	2288	2294	rBV	47519	86796	7.52%	0.466%
100	15.942	2310	2313	2321	rVB	34970	56132	4.86%	0.301%

Sum of corrected areas: 18622584

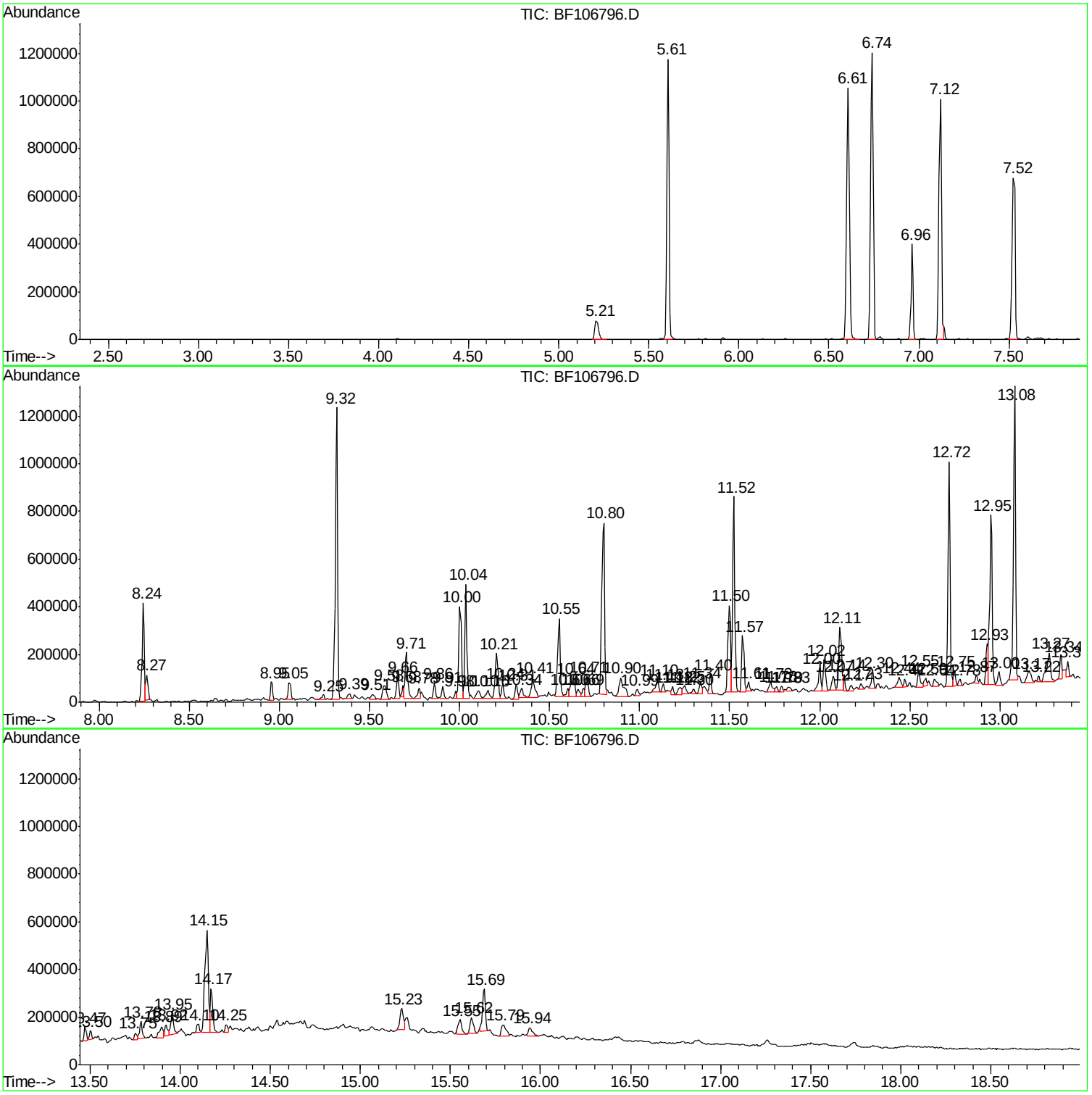
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062518\
Data File : BF106796.D
Acq On : 26 Jun 2018 2:18
Operator : JU/SJ
Sample : J3642-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TEST-PIT-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\BF062518\
Data File : BF106796.D
Acq On : 26 Jun 2018 2:18
Operator : JU/SJ
Sample : J3642-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEST-PIT-1

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

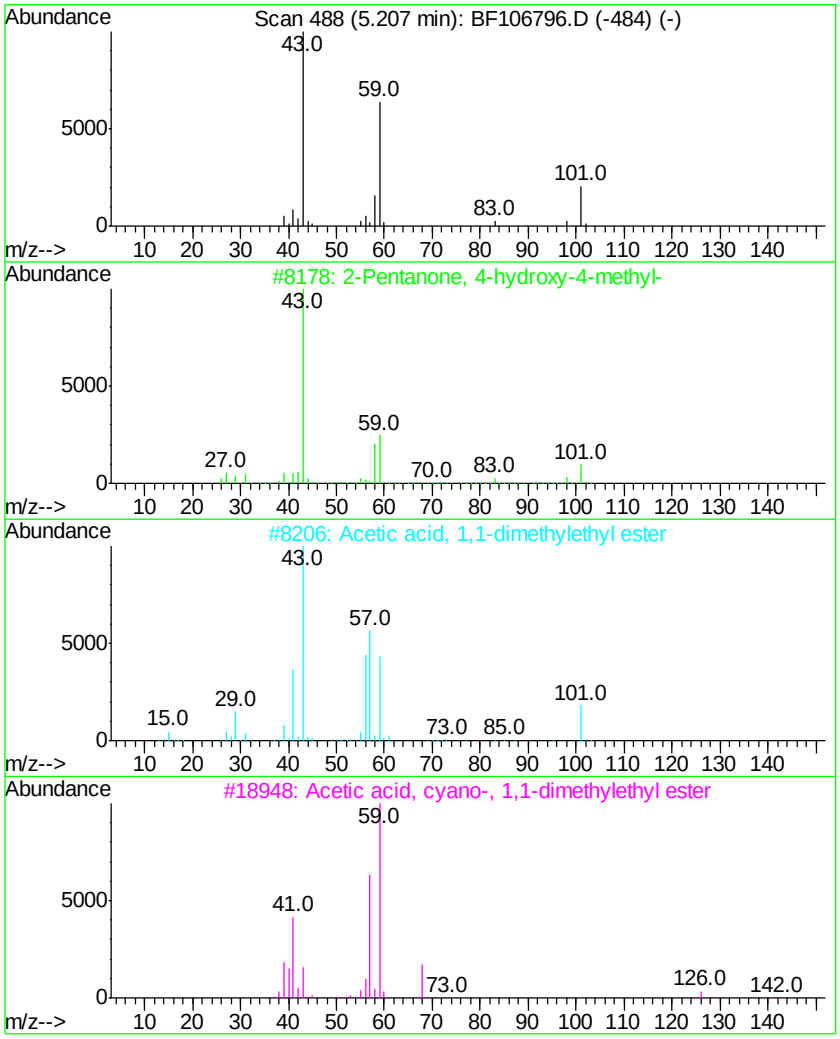
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

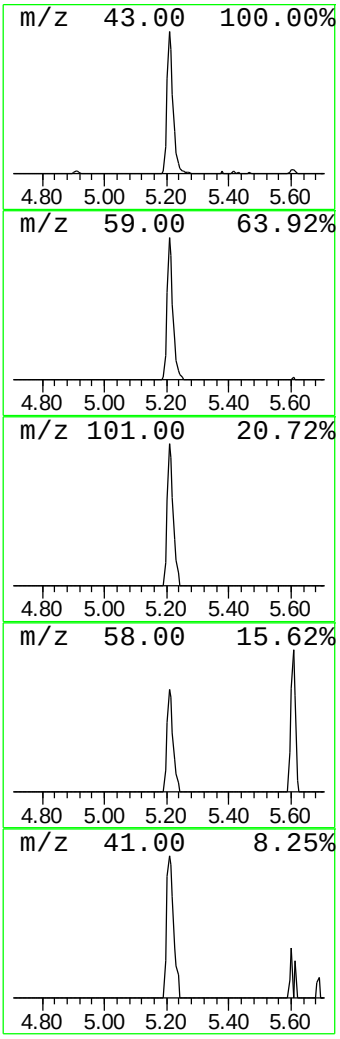
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.21	6.88 ng	107836	1,4-Dichlorobenzene-d4	6.96

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	39
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062518\
Data File : BF106796.D
Acq On : 26 Jun 2018 2:18
Operator : JU/SJ
Sample : J3642-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEST-PIT-1

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

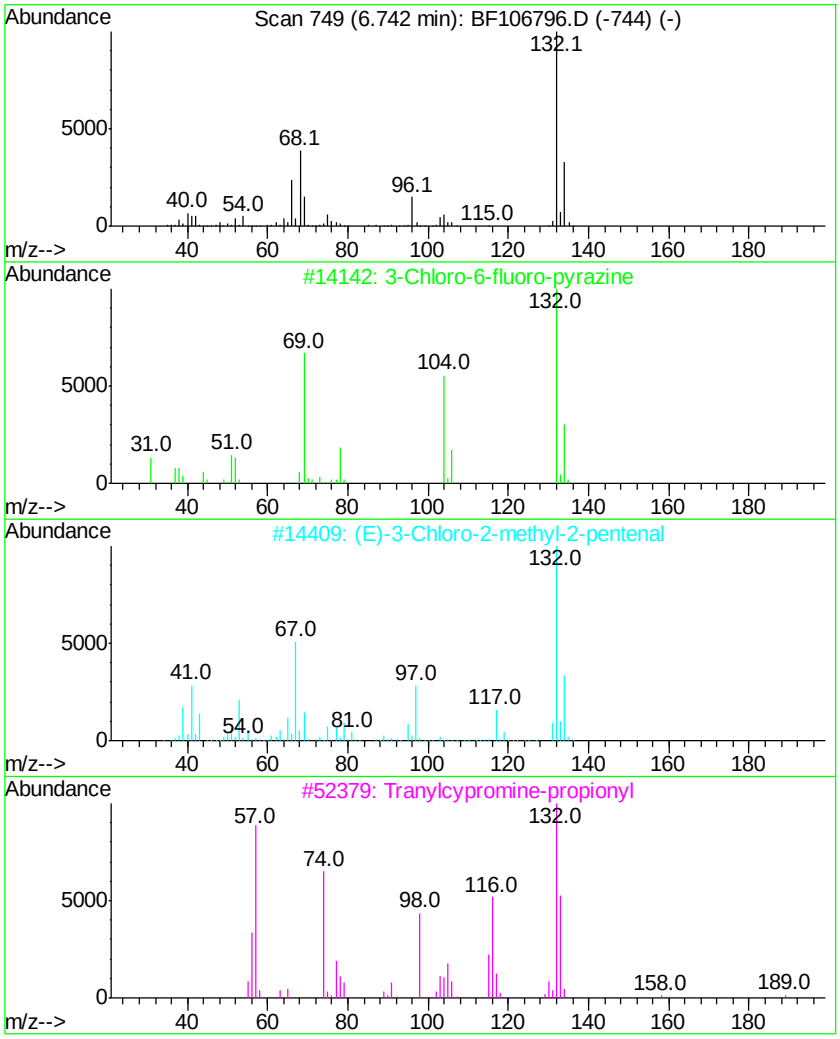
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

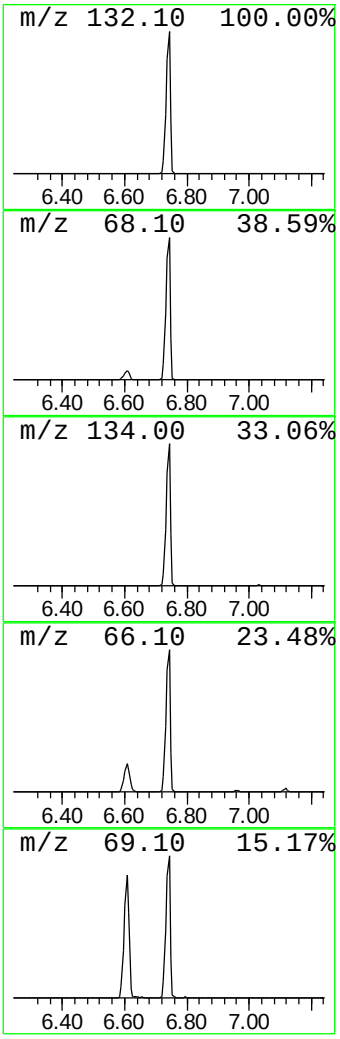
****

Peak Number 2 unknown6.74 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.74	73.39 ng	1150440	1,4-Dichlorobenzene-d4	6.96

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	17
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062518\
Data File : BF106796.D
Acq On : 26 Jun 2018 2:18
Operator : JU/SJ
Sample : J3642-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEST-PIT-1

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

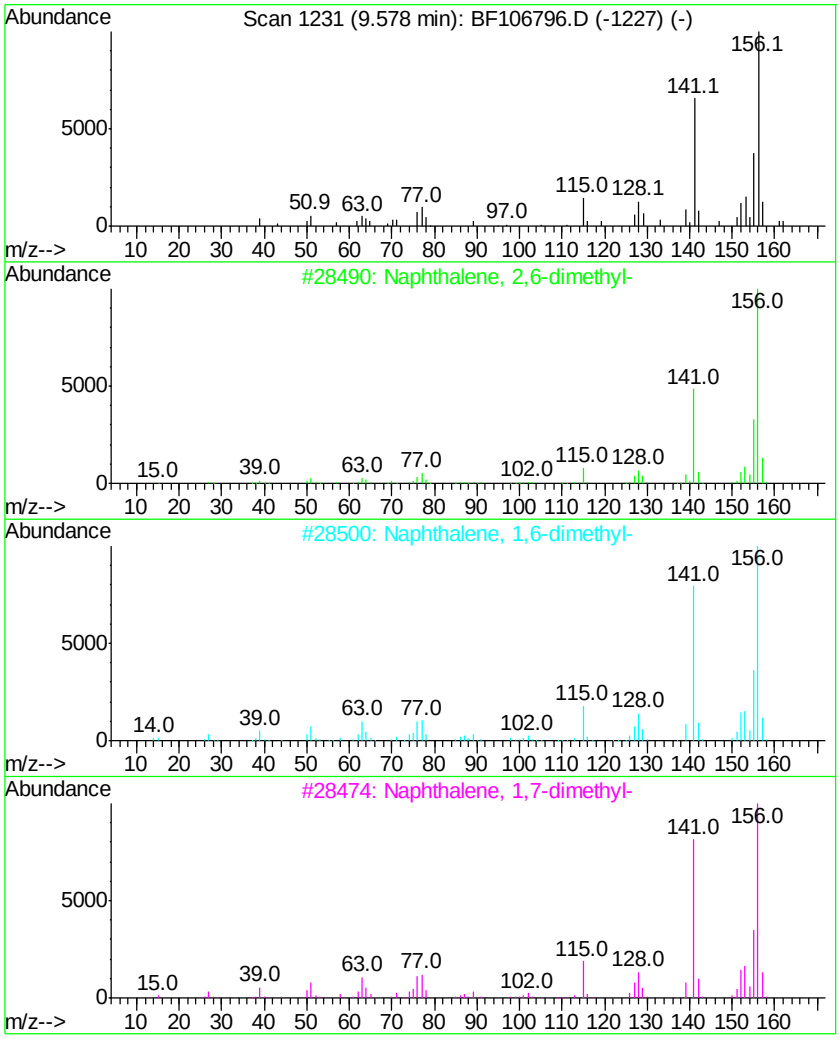
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

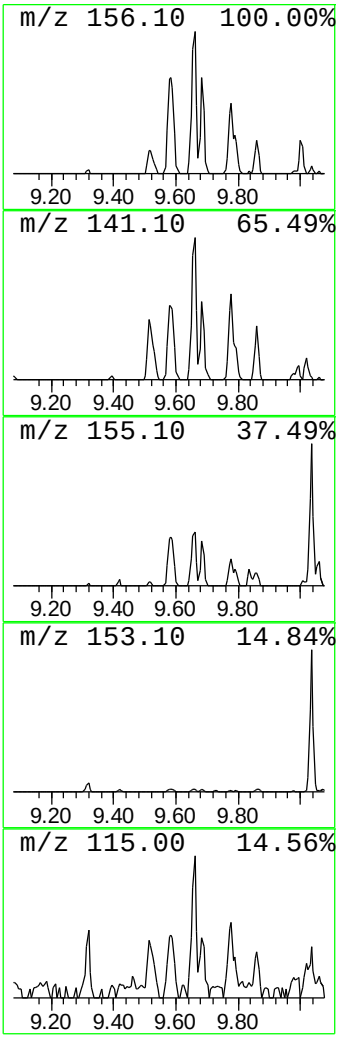
****

Peak Number 4 Naphthalene, 2,6-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.58	5.08 ng	90221	Acenaphthene-d10	10.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062518\
Data File : BF106796.D
Acq On : 26 Jun 2018 2:18
Operator : JU/SJ
Sample : J3642-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TEST-PIT-1

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

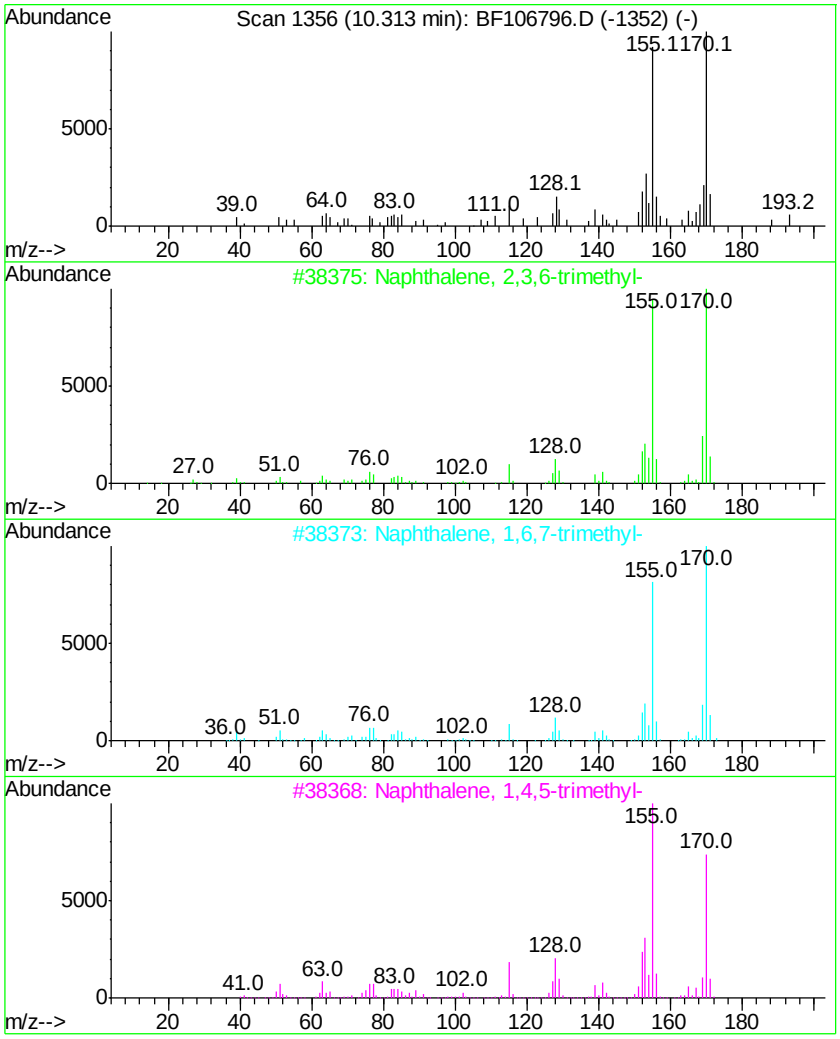
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

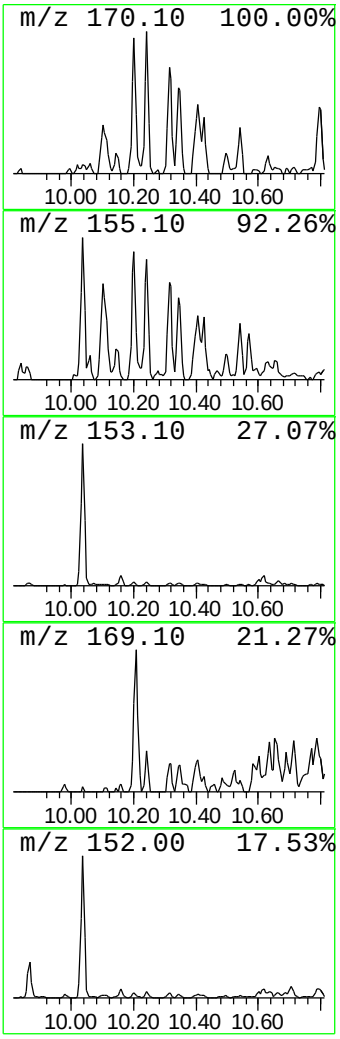
****

Peak Number 5 Naphthalene, 2,3,6-trimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.31	3.88 ng	69014	Acenaphthene-d10	10.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
3	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	94
4	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	94
5	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	93





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062518\
Data File : BF106796.D
Acq On : 26 Jun 2018 2:18
Operator : JU/SJ
Sample : J3642-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEST-PIT-1

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

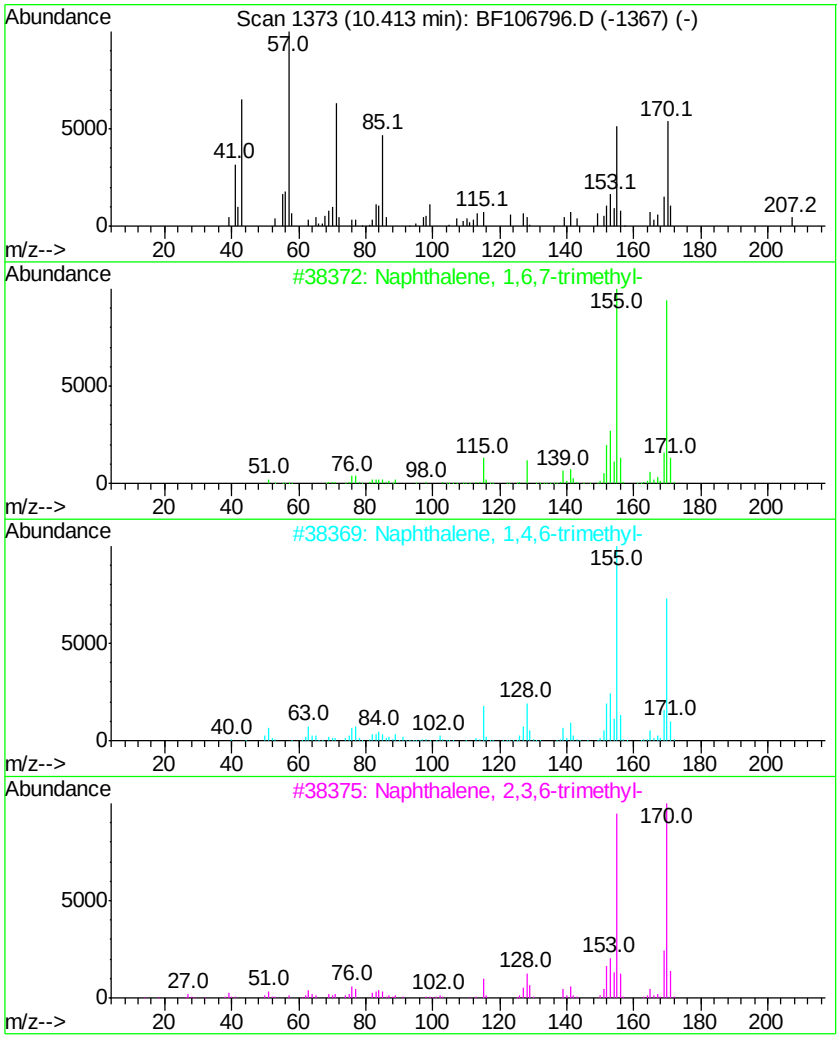
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

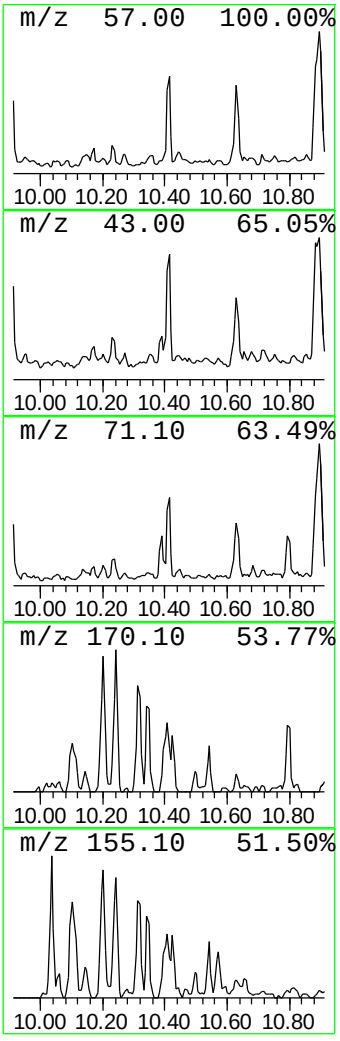
****

Peak Number 6 Naphthalene, 1,6,7-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.41	6.34 ng	112563	Acenaphthene-d10	10.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	91
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	83
4	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	83
5	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	78





Library Search Compound Report

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Acq On : 26 Jun 2018 2:18
Operator : JU/SJ
Sample : J3642-01
Misc :
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ClientSampleId : TEST-PIT-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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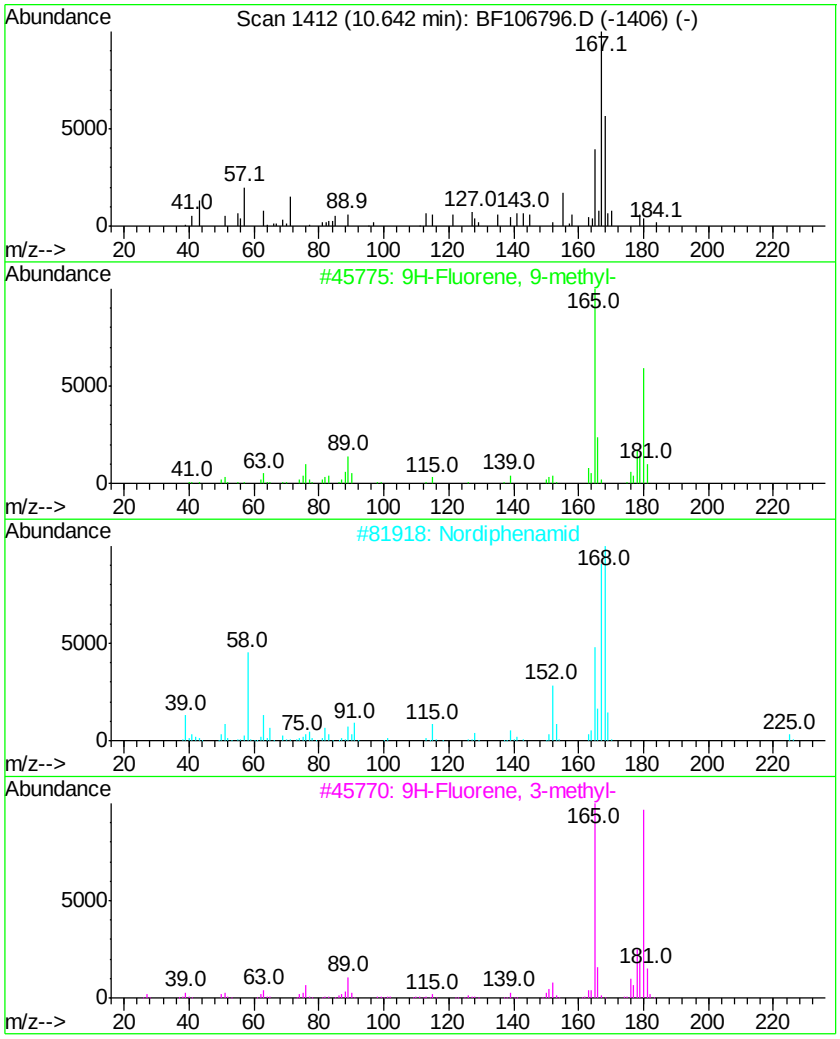
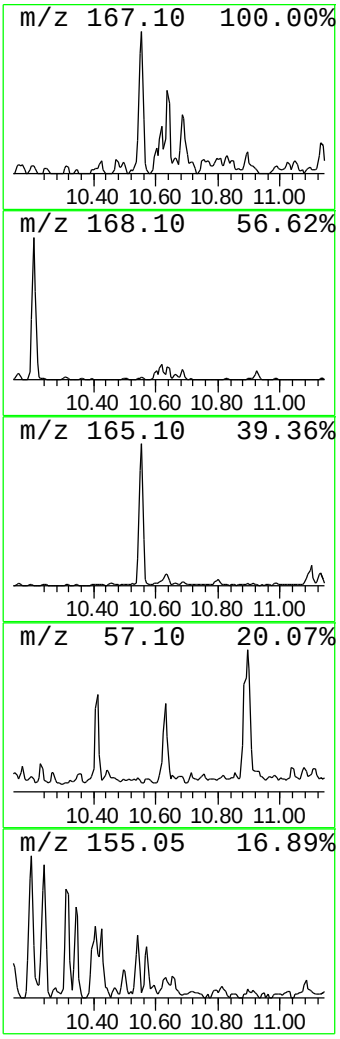
Peak Number 7 unknown10.64 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.64	6.78 ng	120530	Acenaphthene-d10	10.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	30
2	Nordiphenamid	225	C15H15NO	000954-21-2	27
3	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	22
4	Benzene, 1,1'-(chloromethylene)bis-	202	C13H11Cl	000090-99-3	22
5	Fluorene, 2,4a-dihydro-	168	C13H12	059247-36-8	22





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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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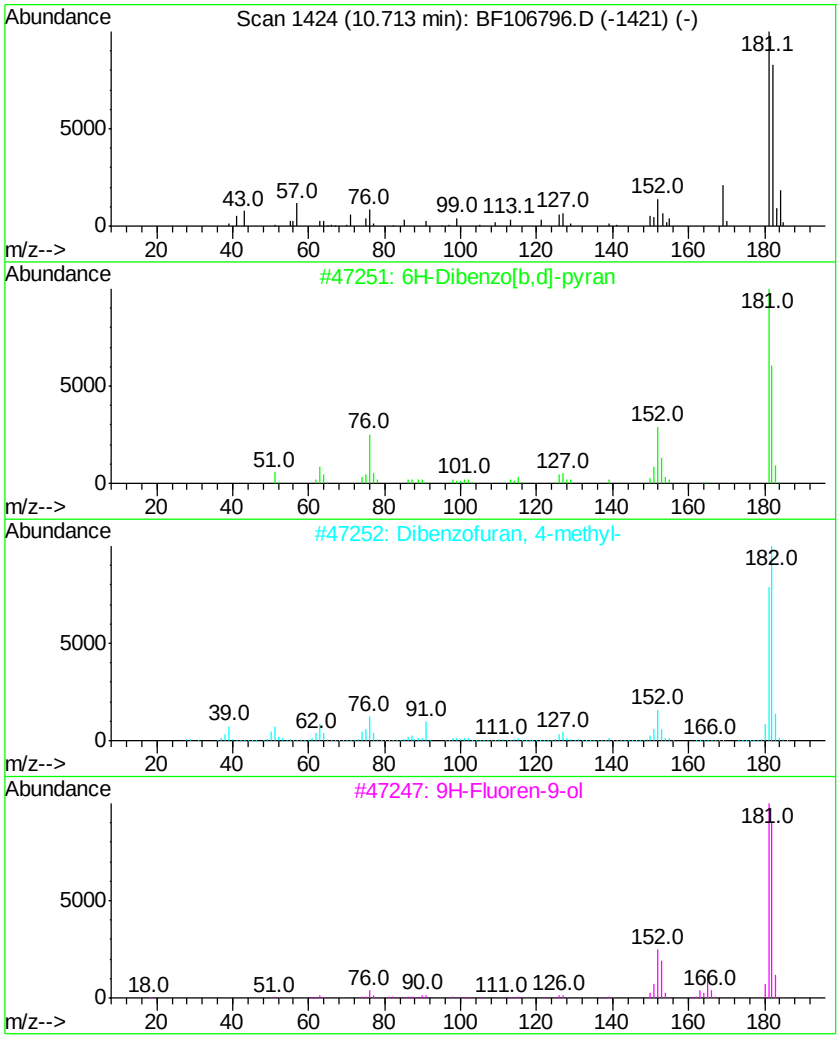
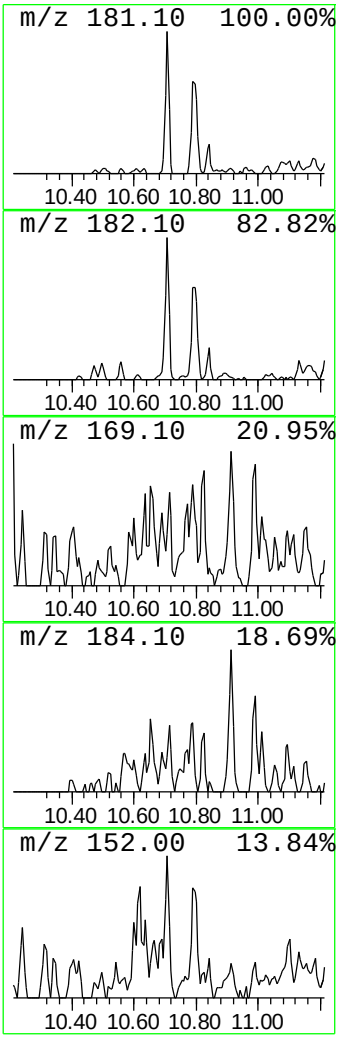
Peak Number 8 6H-Dibenzo[b,d]-pyran Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.71	4.06 ng	72189	Acenaphthene-d10	10.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6H-Dibenzo[b,d]-pyran	182	C13H10O	000229-95-8	83
2	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	81
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
4	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	78
5	3-(1-Naphthyl)acrylaldehyde	182	C13H10O	001504-73-0	72





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TIC Library : C:\DATABASE\NIST11.L
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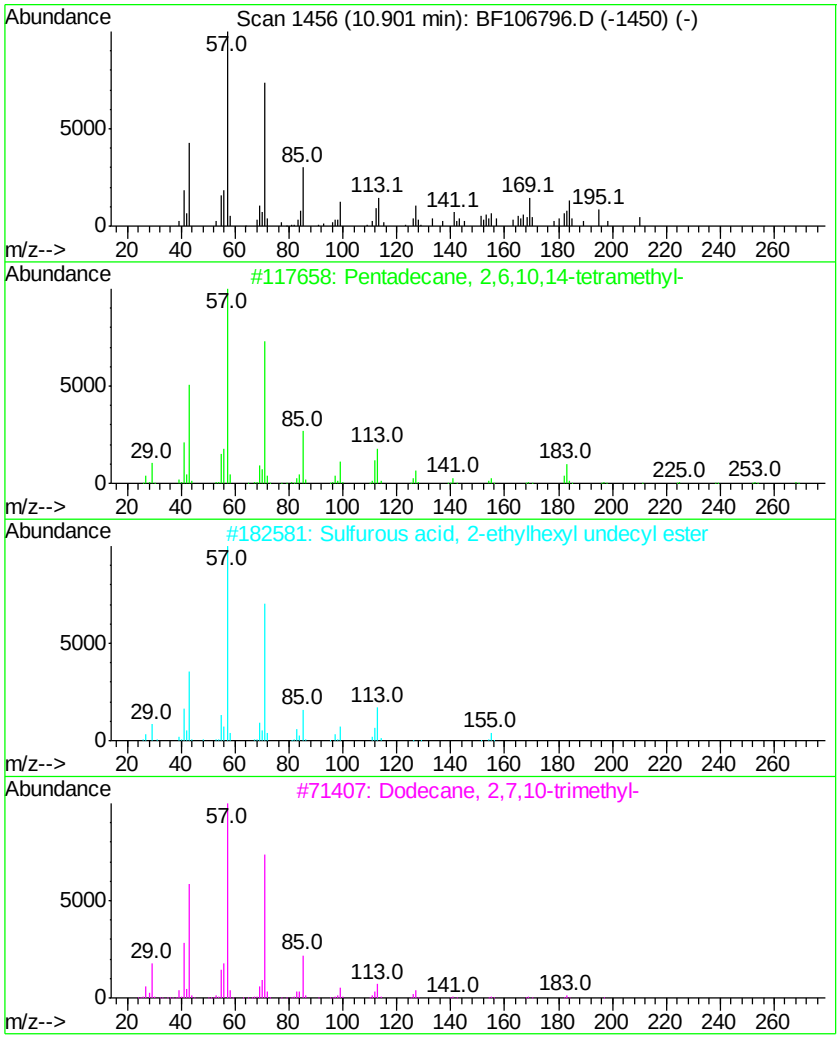
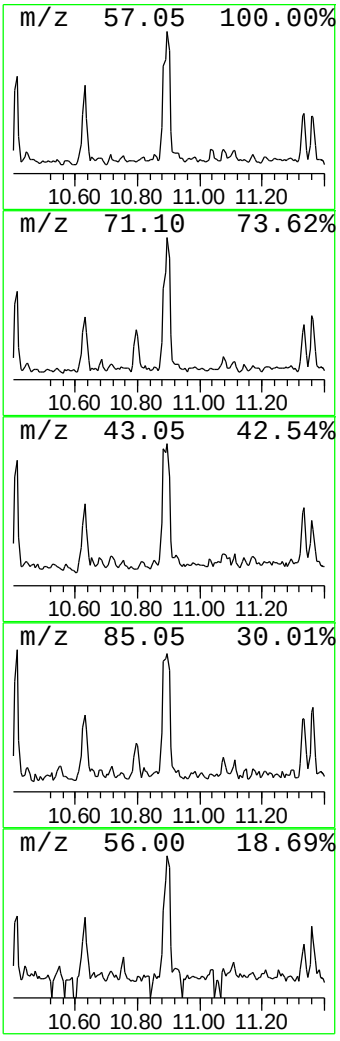
Peak Number 9 Pentadecane, 2,6,10,14-tetr... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.90	8.97 ng	154222	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	72
2	Sulfurous acid, 2-ethylhexyl und...	348	C19H40O3S	1000309-19-4	64
3	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	64
4	Heptacosane	380	C27H56	000593-49-7	59
5	Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	58





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Misc :
ALS Vial : 26 Sample Multiplier: 1

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ClientSampleId : TEST-PIT-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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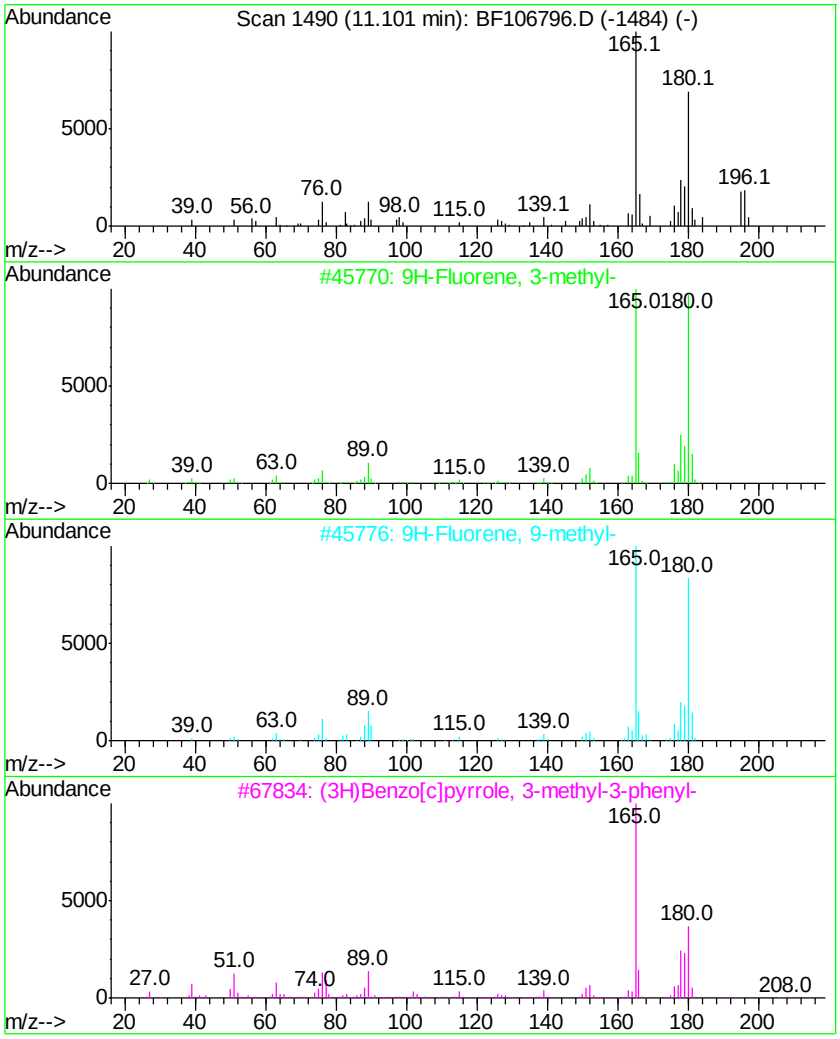
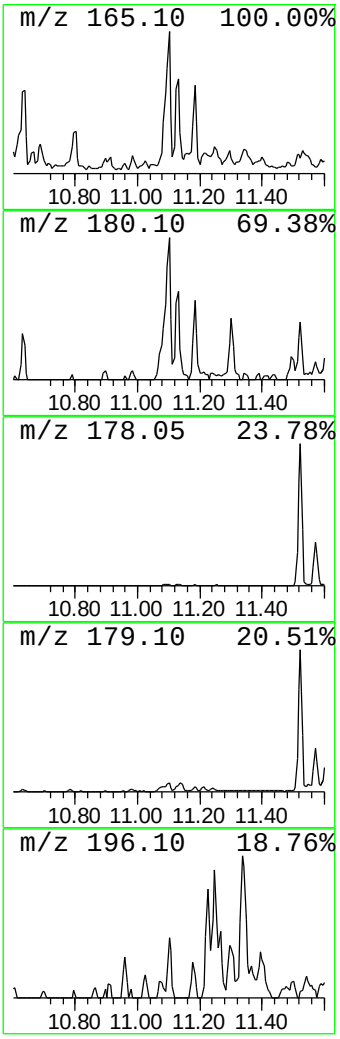
Peak Number 10 9H-Fluorene, 3-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.10	4.00 ng	68788	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	86
2	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	86
3	(3H)Benzo[c]pyrrole, 3-methyl-3-...	208	C14H12N2	059341-20-7	72
4	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	68
5	Benzenethiol, 4-(1,1-dimethyleth...	180	C11H16S	015570-10-2	58





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Misc :
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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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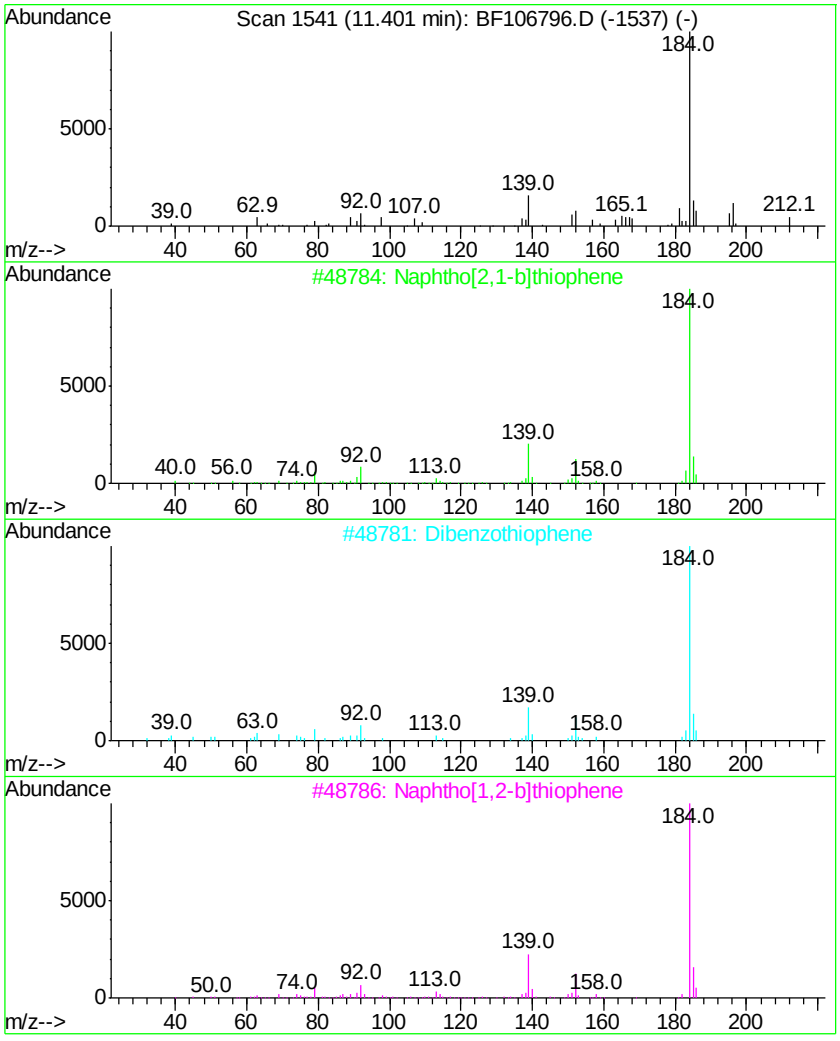
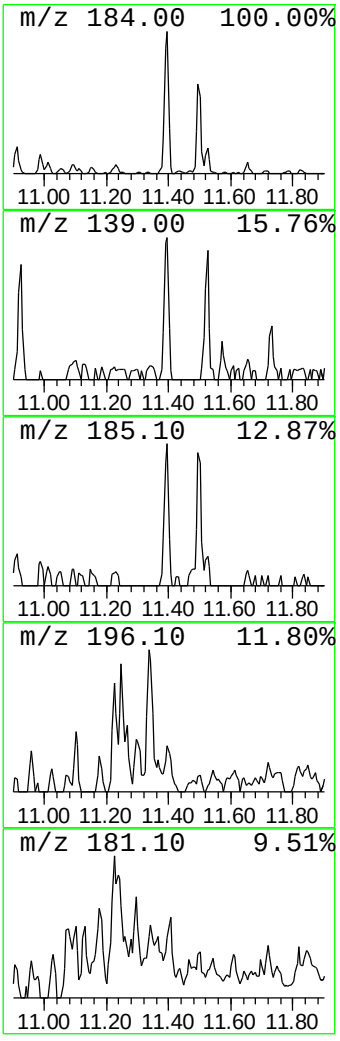
Peak Number 11 Naphtho[2,1-b]thiophene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.40	4.33 ng	74497	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	96
2	Dibenzothiophene	184	C12H8S	000132-65-0	94
3	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	93
4	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	83
5	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	81





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Sample : J3642-01
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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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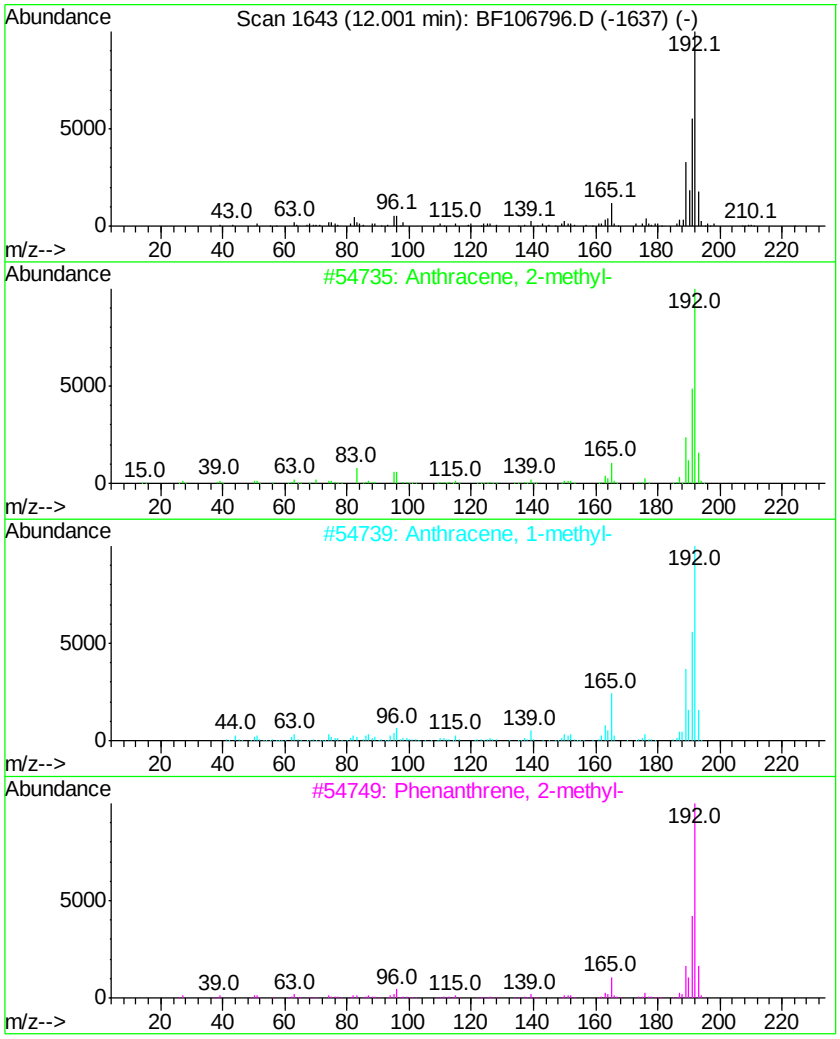
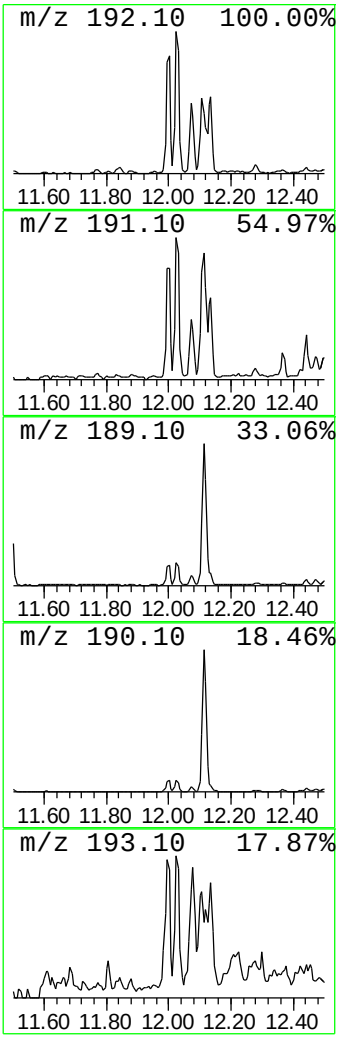
Peak Number 12 Anthracene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.00	6.51 ng	111955	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	94
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	91





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Sample : J3642-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEST-PIT-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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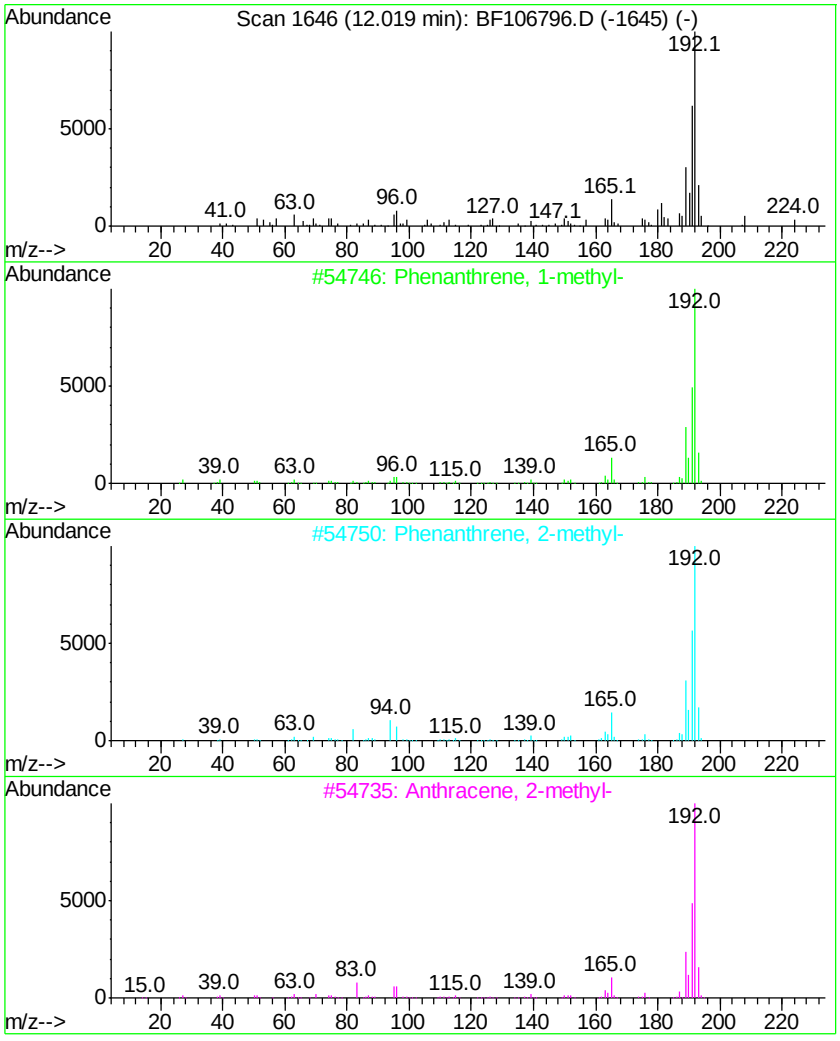
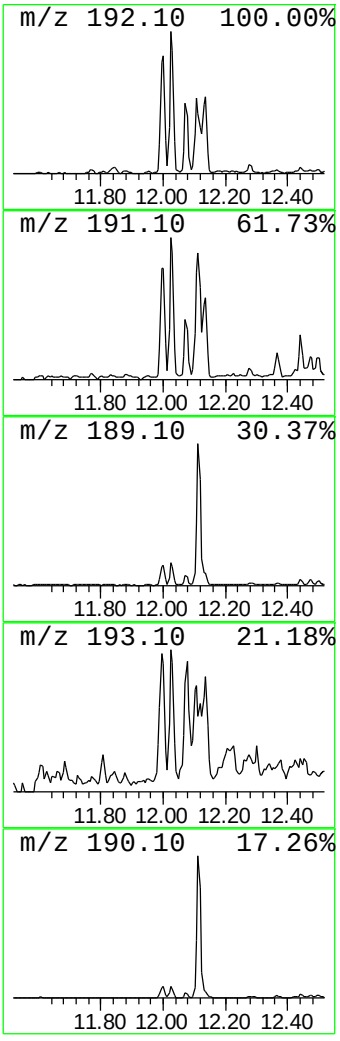
Peak Number 13 Phenanthrene, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.02	6.52 ng	111983	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	95
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95





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Sample : J3642-01
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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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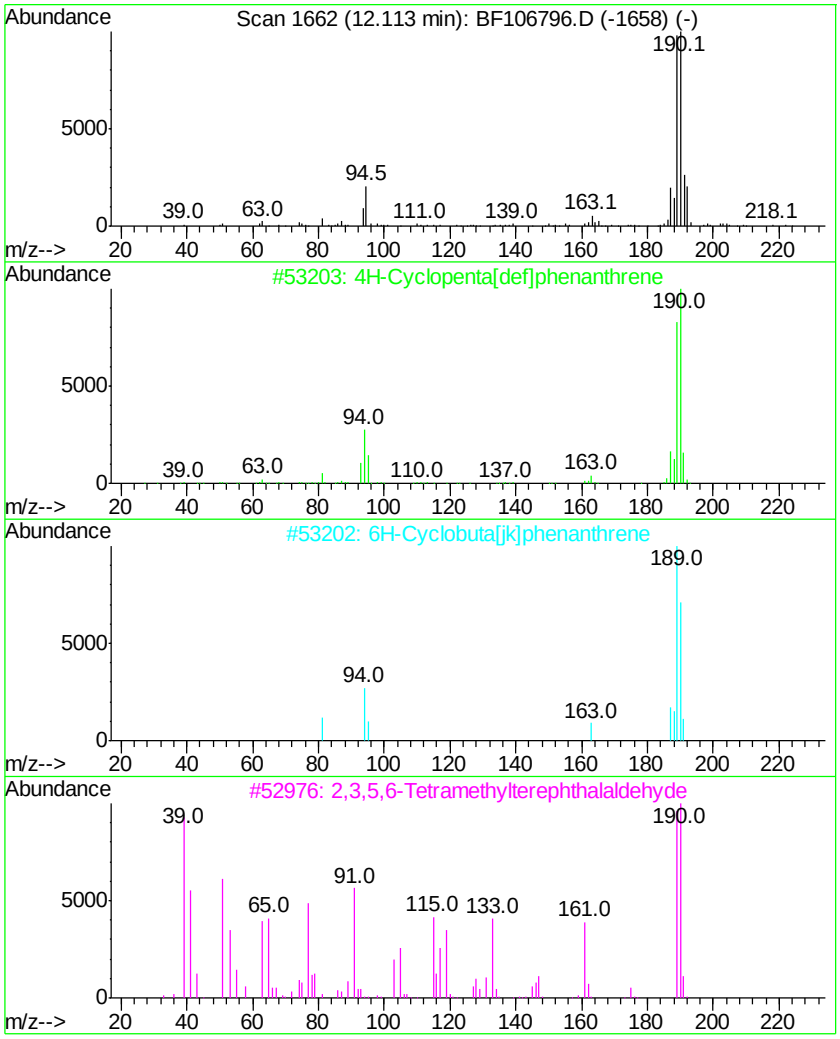
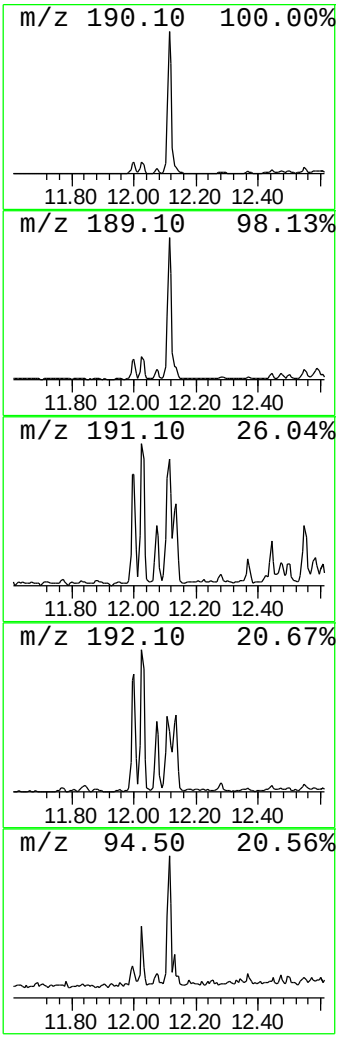
Peak Number 14 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.11	16.01 ng	275240	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	94
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	72
3	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45
5	2,6-Dichlorobenzaldoxime	189	C7H5Cl2NO	025185-95-9	25





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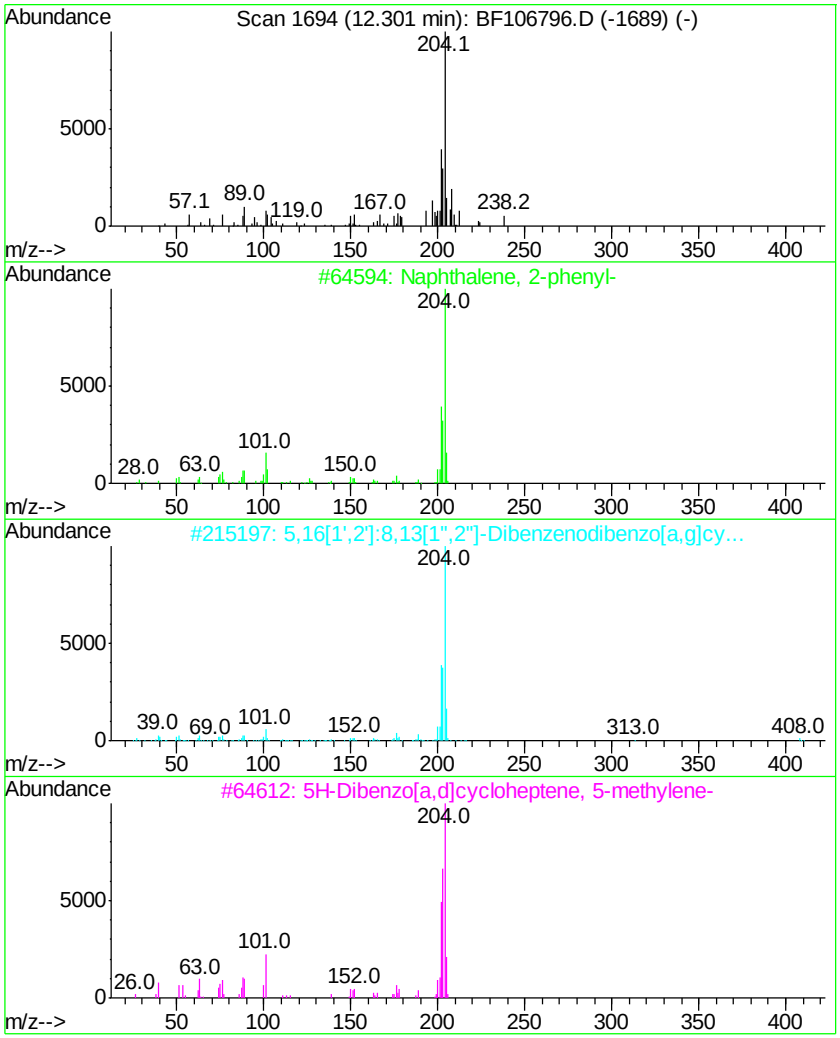
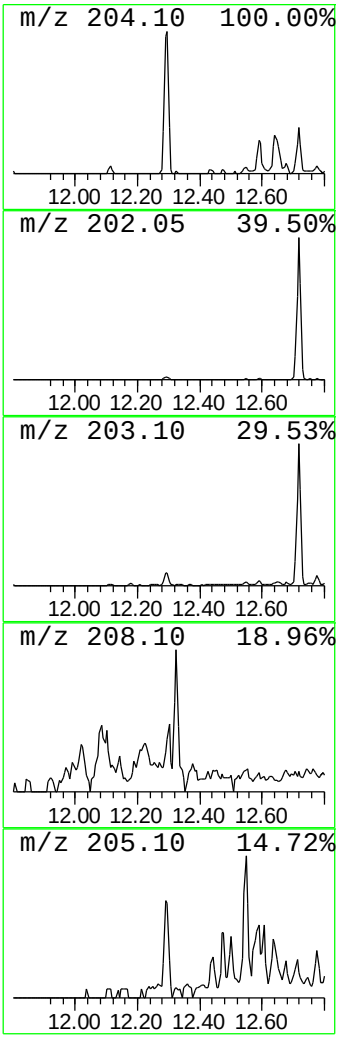
Peak Number 15 Naphthalene, 2-phenyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.30	3.80 ng	65360	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	83
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	80
3	5H-Dibenzo[a,d]cycloheptene, 5-m...	204	C16H12	002975-79-3	55
4	Benzene, 1,1'-(1-buten-3-yne-1,4...	204	C16H12	013141-45-2	55
5	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	52





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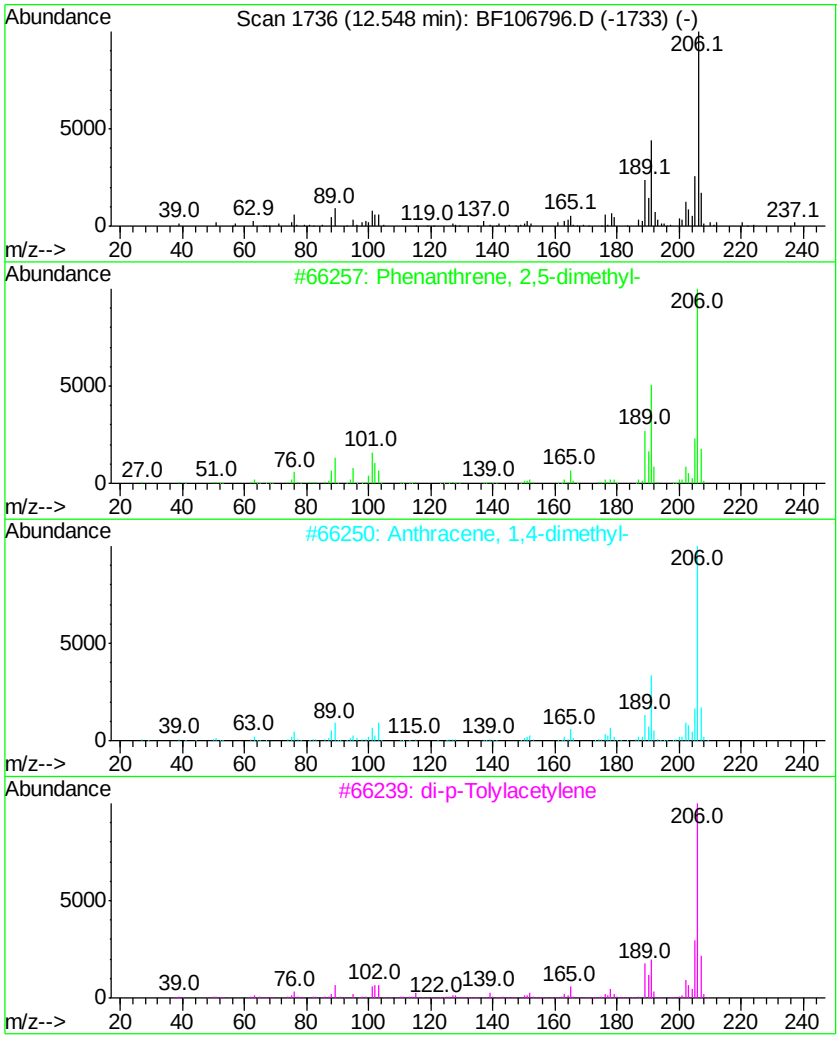
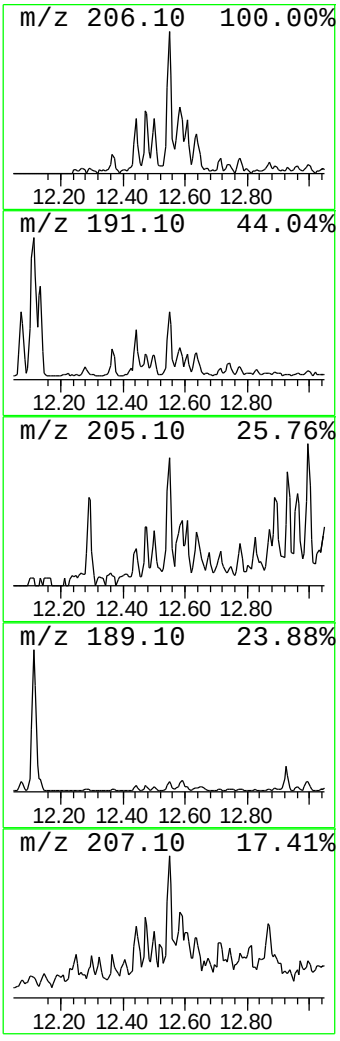
Peak Number 16 Phenanthrene, 2,5-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.55	4.66 ng	80048	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	97
2	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	95
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	95
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	92





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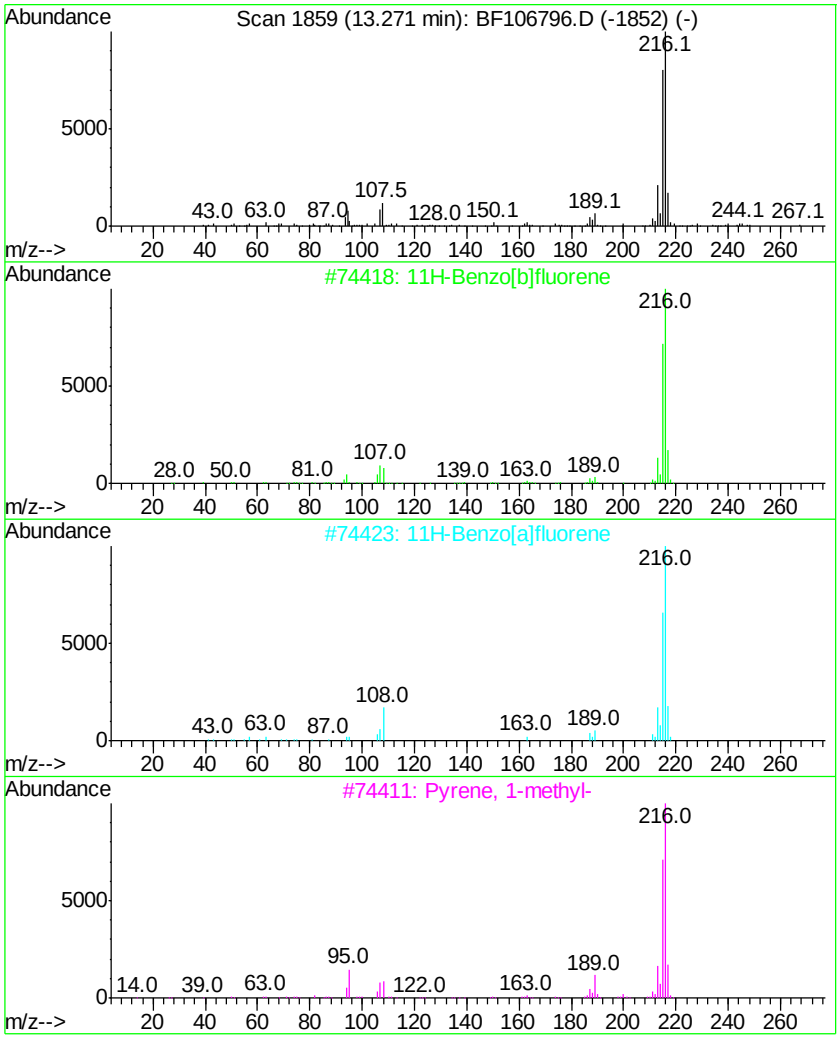
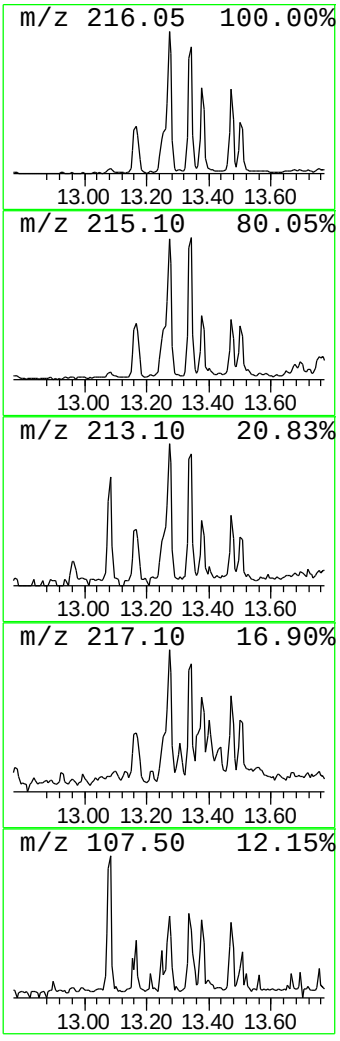
Peak Number 17 11H-Benzo[b]fluorene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.27	5.94 ng	172821	Chrysene-d12	14.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	96
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	94
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	93
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91





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Data File : BF106796.D
Acq On : 26 Jun 2018 2:18
Operator : JU/SJ
Sample : J3642-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEST-PIT-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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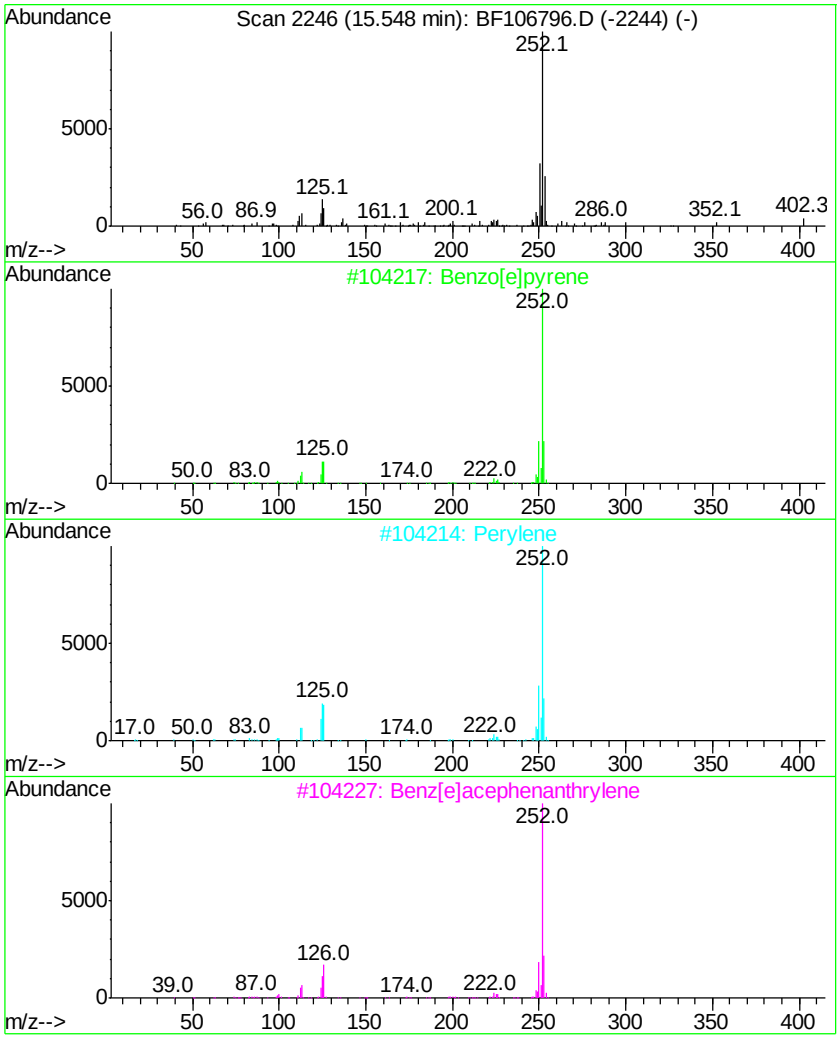
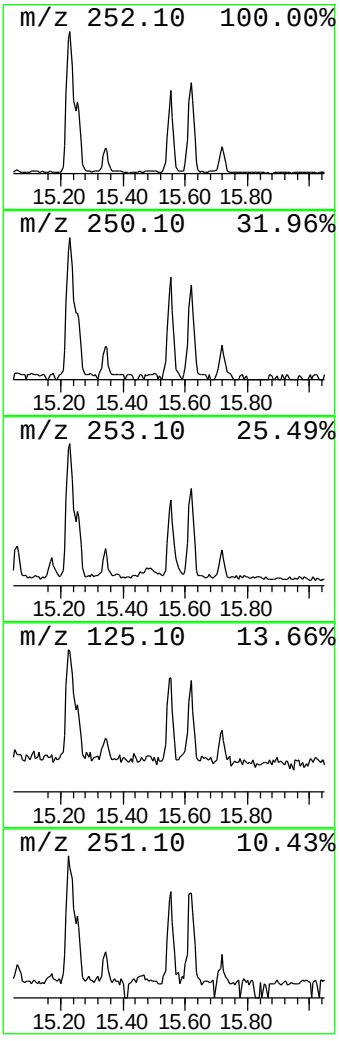
Peak Number 18 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.55	7.21 ng	78592	Perylene-d12	15.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	96
2	Perylene	252	C20H12	000198-55-0	93
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
4	Benzo[a]pyrene	252	C20H12	000050-32-8	90
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	76





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062518\
Data File : BF106796.D
Acq On : 26 Jun 2018 2:18
Operator : JU/SJ
Sample : J3642-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEST-PIT-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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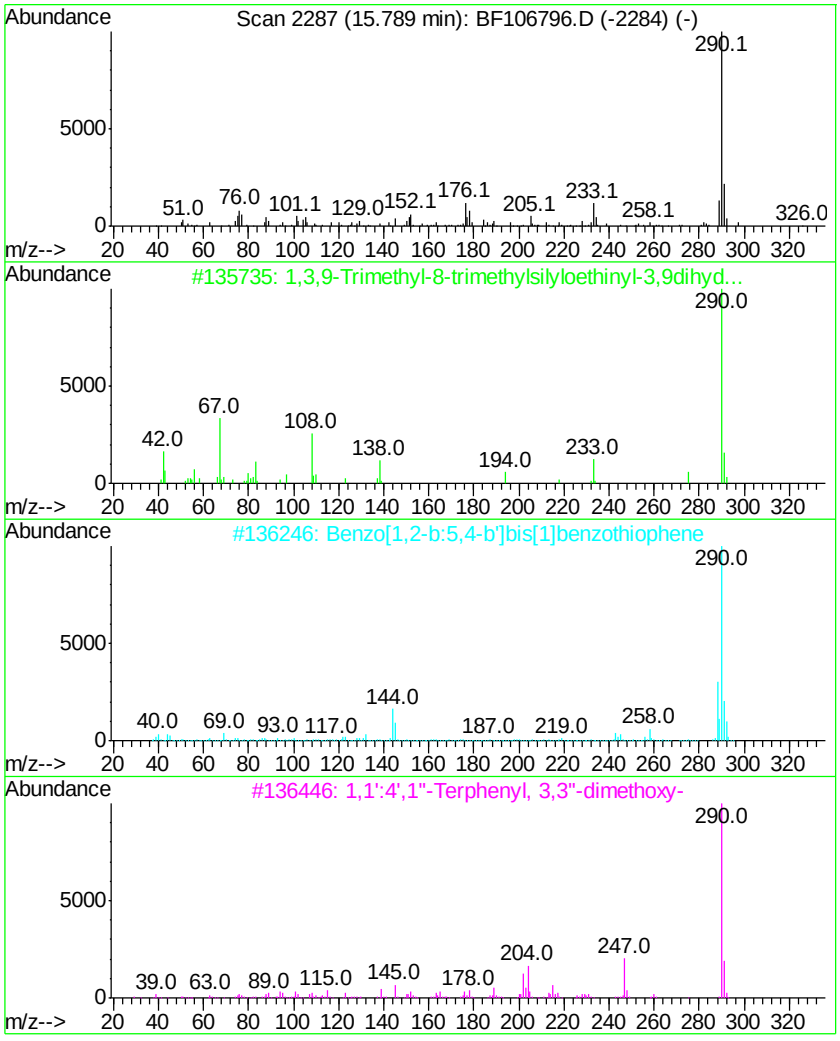
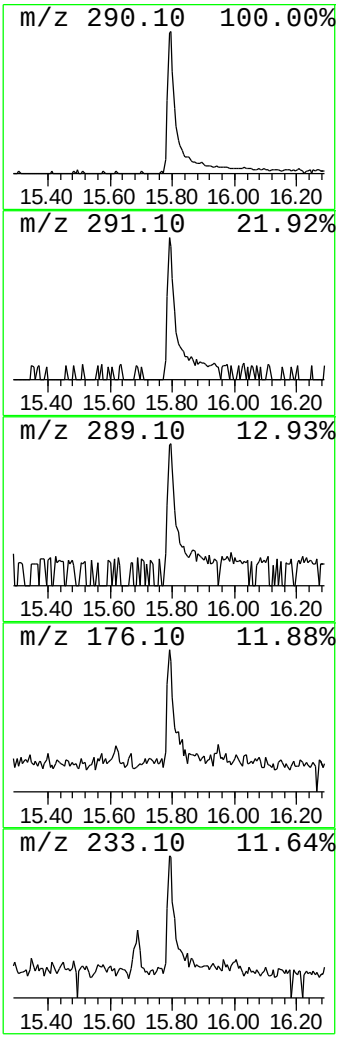
Peak Number 19 1,3,9-Trimethyl-8-trimethyl... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.79	7.97 ng	86796	Perylene-d12	15.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3,9-Trimethyl-8-trimethylsilyl...	290	C13H18N4O2Si	1000312-02-8	72
2	Benzo[1,2-b:5,4-b']bis[1]benzoth...	290	C18H10S2	000241-37-2	64
3	1,1':4',1''-Terphenyl, 3,3''-dim...	290	C20H18O2	1000327-41-7	64
4	1,1':3',1''-Terphenyl, 3,3''-dim...	290	C20H18O2	1000327-41-5	64
5	Benzoxazole, 2,2'-(1,2-ethenediy...	290	C18H14N2O2	001041-00-5	59





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062518\
Data File : BF106796.D
Acq On : 26 Jun 2018 2:18
Operator : JU/SJ
Sample : J3642-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEST-PIT-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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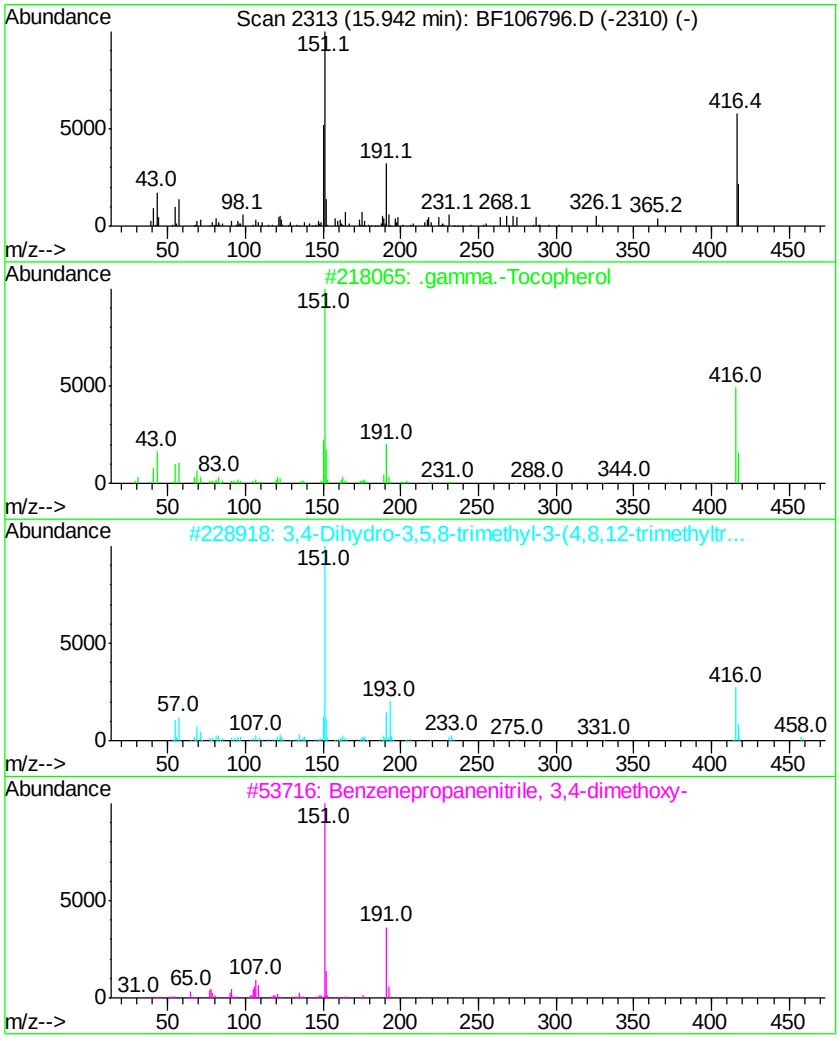
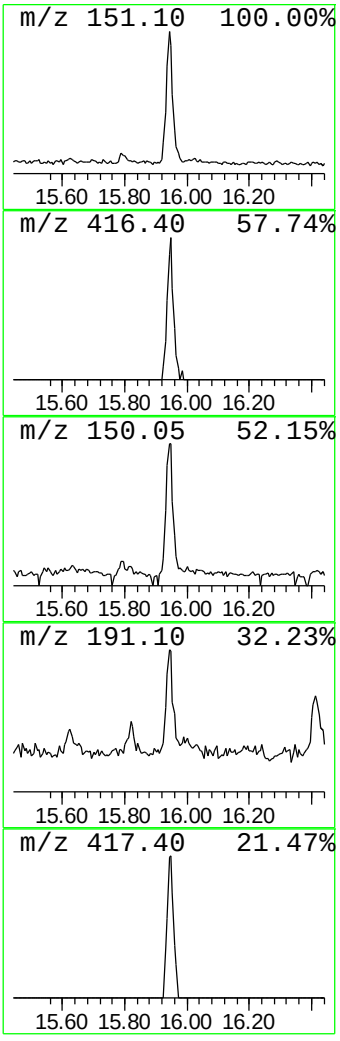
Peak Number 20 .gamma.-Tocopherol Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.94	5.15 ng	56132	Perylene-d12	15.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.gamma.-Tocopherol	416	C28H48O2	007616-22-0	64
2	3,4-Dihydro-3,5,8-trimethyl-3-(4...	458	C30H50O3	1000105-71-9	53
3	Benzenepropanenitrile, 3,4-dimet...	191	C11H13NO2	049621-56-9	35
4	Benzoic acid, 4-(methylamino)-	151	C8H9NO2	010541-83-0	32
5	4-Ethylbenzoic acid, octadecyl e...	402	C27H46O2	1000292-35-1	32





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062518\
Data File : BF106796.D
Acq On : 26 Jun 2018 2:18
Operator : JU/SJ
Sample : J3642-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEST-PIT-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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.21	6.9	ng	107836	1	6.96	313509	20.0
unknown6.74	6.74	73.4	ng	1150440	1	6.96	313509	20.0
Naphthalene, 2,6-...	9.58	5.1	ng	90221	3	10.00	355292	20.0
Naphthalene, 2,3,...	10.31	3.9	ng	69014	3	10.00	355292	20.0
Naphthalene, 1,6,...	10.41	6.3	ng	112563	3	10.00	355292	20.0
unknown10.64	10.64	6.8	ng	120530	3	10.00	355292	20.0
6H-Dibenzo[b,d]-p...	10.71	4.1	ng	72189	3	10.00	355292	20.0
Pentadecane, 2,6,...	10.90	9.0	ng	154222	4	11.50	343745	20.0
9H-Fluorene, 3-me...	11.10	4.0	ng	68788	4	11.50	343745	20.0
Naphtho[2,1-b]thi...	11.40	4.3	ng	74497	4	11.50	343745	20.0
Anthracene, 2-met...	12.00	6.5	ng	111955	4	11.50	343745	20.0
Phenanthrene, 1-m...	12.02	6.5	ng	111983	4	11.50	343745	20.0
4H-Cyclopenta[def...	12.11	16.0	ng	275240	4	11.50	343745	20.0
Naphthalene, 2-ph...	12.30	3.8	ng	65360	4	11.50	343745	20.0
Phenanthrene, 2,5...	12.55	4.7	ng	80048	4	11.50	343745	20.0
11H-Benzo[b]fluorene	13.27	5.9	ng	172821	5	14.15	581427	20.0
Benzo[e]pyrene	15.55	7.2	ng	78592	6	15.69	217938	20.0
1,3,9-Trimethyl-8...	15.79	8.0	ng	86796	6	15.69	217938	20.0
.gamma.-Tocopherol	15.94	5.2	ng	56132	6	15.69	217938	20.0