LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072718\
Data File : BF107773.D
Acq On : 28 Jul 2018 4:16
Operator : JU/SJ
Sample : J4184-09
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-11B

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-BF072018.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	5.190	482	485	494	rBV	219225	292870	6.48%	0.567%
2	5.560	544	548	551	rBV	159889	213057	4.72%	0.413%
3	5.596	551	554	576	rVB	1171329	1831985	40.55%	3.548%
4	5.813	587	591	601	rBV	145742	153205	3.39%	0.297%
5	6.478	701	704	708	rBV	159636	169720	3.76%	0.329%
6	6.595	721	724	730	rBV	544830	917846	20.32%	1.778%
7	6.666	734	736	744	rVB	107913	133211	2.95%	0.258%
8	6.737	744	748	754	rBV	2872166	3370724	74.62%	6.528%
9	6.960	783	786	792	rBV	532051	748799	16.58%	1.450%
10	7.013	792	795	809	rVB2	242327	404312	8.95%	0.783%
11	7.119	809	813	824	rBV	2945843	3370303	74.61%	6.527%
12	7.195	824	826	836	rVV2	192267	265323	5.87%	0.514%
13	7.490	872	876	879	rBV4	69137	89630	1.98%	0.174%
14	7.531	879	883	890	rBV	1711939	2370774	52.48%	4.592%
15	7.590	890	893	899	rVB	453877	497269	11.01%	0.963%
16	7.872	936	941	945	rBV2	134725	166599	3.69%	0.323%
17	7.984	954	960	964	rBV3	152508	194863	4.31%	0.377%
18	8.019	964	966	968	rBV	85335	89874	1.99%	0.174%
19	8.242	1001	1004	1015	rBV	905422	1102000	24.39%	2.134%
20	8.413	1027	1033	1034	rBV6	39608	66407	1.47%	0.129%
21	8.507	1046	1049	1053	rBV3	47869	66289	1.47%	0.128%
22	8.672	1073	1077	1081	rBV3	101114	175257	3.88%	0.339%
23	8.725	1084	1086	1090	rVB	153589	132141	2.93%	0.256%
24	8.766	1090	1093	1096	rBV2	150860	154295	3.42%	0.299%
25	8.848	1104	1107	1112	rBV3	100847	147558	3.27%	0.286%
26	8.954	1120	1125	1128	rBV2	205068	272349	6.03%	0.527%
27	8.984	1128	1130	1133	rVV	91309	89493	1.98%	0.173%
28	9.013	1133	1135	1138	rVV2	75061	72237	1.60%	0.140%
29	9.054	1138	1142	1147	rVV	357721	361594	8.00%	0.700%
30	9.184	1160	1164	1167	rVB2	105877	102471	2.27%	0.198%
31	9.242	1171	1174	1180	rBV2	128053	146854	3.25%	0.284%
32	9.319	1182	1187	1201	rBV	3861730	4517454	100.00%	8.749%
33	9.419	1201	1204	1212	rVB3	109192	191204	4.23%	0.370%
34	9.489	1212	1216	1218	rBV4	59838	86766	1.92%	0.168%

LSC Area Percent Report

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Operator : JU/SJ
Sample : J4184-09
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-11B

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-BF072018.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	9.513	1218	1220	1223	rBV	75584	75110	1.66%	0.145%
36	9.566	1227	1229	1231	rBV2	63485	73277	1.62%	0.142%
37	9.654	1240	1244	1246	rBV2	161465	191925	4.25%	0.372%
38	9.684	1246	1249	1251	rVV2	144110	143821	3.18%	0.279%
39	9.707	1251	1253	1255	rVV	284906	224396	4.97%	0.435%
40	9.736	1255	1258	1260	rVV2	86206	86418	1.91%	0.167%
41	9.766	1260	1263	1271	rVB2	187911	271152	6.00%	0.525%
42	9.836	1271	1275	1277	rBV	312811	322196	7.13%	0.624%
43	9.866	1277	1280	1284	rVB	334472	392053	8.68%	0.759%
44	9.954	1292	1295	1298	rBV	57323	73492	1.63%	0.142%
45	10.001	1299	1303	1306	rVV	1043456	1053621	23.32%	2.041%
46	10.031	1306	1308	1315	rVV	452361	486460	10.77%	0.942%
47	10.107	1315	1321	1324	rVV3	85199	165984	3.67%	0.321%
48	10.172	1328	1332	1333	rVV4	139468	188264	4.17%	0.365%
49	10.189	1333	1335	1344	rVB2	213234	348394	7.71%	0.675%
50	10.313	1352	1356	1362	rBV3	241901	348840	7.72%	0.676%
51	10.360	1362	1364	1367	rVV2	120433	139372	3.09%	0.270%
52	10.395	1367	1370	1376	rVB2	365832	414054	9.17%	0.802%
53	10.454	1377	1380	1382	rVV	135167	125046	2.77%	0.242%
54	10.483	1382	1385	1389	rVB	528229	493615	10.93%	0.956%
55	10.548	1393	1396	1401	rVV3	79423	116841	2.59%	0.226%
56	10.660	1412	1415	1418	rBV5	53577	64856	1.44%	0.126%
57	10.795	1434	1438	1445	rBV	1884539	2226831	49.29%	4.313%
58	10.848	1445	1447	1449	rBV2	144338	138971	3.08%	0.269%
59	10.960	1463	1466	1468	rBV	135085	109131	2.42%	0.211%
60	10.989	1468	1471	1475	rVB2	176724	202905	4.49%	0.393%
61	11.042	1477	1480	1481	rBV2	107071	106378	2.35%	0.206%
62	11.095	1487	1489	1493	rVB4	76009	82811	1.83%	0.160%
63	11.130	1493	1495	1499	rVB3	102355	115146	2.55%	0.223%
64	11.183	1501	1504	1506	rVB	159101	119537	2.65%	0.232%
65	11.266	1516	1518	1520	rBV3	99089	110920	2.46%	0.215%
66	11.295	1520	1523	1527	rVB	501556	466466	10.33%	0.903%
67	11.354	1530	1533	1536	rBV4	51864	66072	1.46%	0.128%
68	11.430	1543	1546	1549	rBV	318651	283493	6.28%	0.549%
69	11.495	1552	1557	1564	rBV2	736059	1143667	25.32%	2.215%
70	11.578	1568	1571	1573	rBV	91964	92028	2.04%	0.178%
71	11.742	1596	1599	1601	rBV3	141353	150550	3.33%	0.292%

LSC Area Percent Report

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Acq On : 28 Jul 2018 4:16
Operator : JU/SJ
Sample : J4184-09
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-11B

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-BF072018.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	11.836	1612	1615	1618	rBV	957695	783194	17.34%	1.517%
73	12.001	1639	1643	1645	rBV3	241757	301599	6.68%	0.584%
74	12.025	1645	1647	1650	rVB	113381	115420	2.55%	0.224%
75	12.113	1659	1662	1663	rBV	151965	143405	3.17%	0.278%
76	12.136	1663	1666	1669	rVB	418840	435040	9.63%	0.843%
77	12.172	1670	1672	1676	rBV2	103847	120847	2.68%	0.234%
78	12.248	1682	1685	1687	rBV3	170728	195653	4.33%	0.379%
79	12.430	1711	1716	1719	rBV	2099425	2144868	47.48%	4.154%
80	12.554	1735	1737	1740	rBV	167160	200234	4.43%	0.388%
81	12.607	1743	1746	1749	rVB	324264	322139	7.13%	0.624%
82	12.672	1755	1757	1760	rBV	321767	323902	7.17%	0.627%
83	12.742	1767	1769	1772	rVB2	355933	294083	6.51%	0.570%
84	12.948	1798	1804	1810	rBV4	315535	777949	17.22%	1.507%
85	13.001	1810	1813	1818	rVB2	330445	496984	11.00%	0.963%
86	13.083	1818	1827	1833	rBV	3323261	4127654	91.37%	7.994%
87	13.160	1837	1840	1843	rVV2	227355	308923	6.84%	0.598%
88	13.219	1847	1850	1854	rVB	1044397	1063209	23.54%	2.059%
89	13.313	1864	1866	1869	rBV	204436	245533	5.44%	0.476%
90	13.489	1892	1896	1901	rBV4	250472	459207	10.17%	0.889%
91	13.960	1973	1976	1985	rVB	484343	698170	15.45%	1.352%
92	14.154	2005	2009	2022	rVB	890508	1396338	30.91%	2.704%
93	14.519	2068	2071	2076	rVV2	600010	561743	12.43%	1.088%
94	14.583	2077	2082	2089	rVB3	249380	418351	9.26%	0.810%
95	14.895	2132	2135	2139	rVB3	96551	115744	2.56%	0.224%
96	14.977	2147	2149	2153	rVB	83696	82341	1.82%	0.159%
97	15.248	2193	2195	2204	rVB	121728	171326	3.79%	0.332%
98	15.654	2261	2264	2265	rBV	68515	82655	1.83%	0.160%
99	15.683	2265	2269	2289	rVB	491525	934724	20.69%	1.810%
100	16.113	2338	2342	2347	rVB2	94654	133439	2.95%	0.258%

Sum of corrected areas: 51633500

LSC Report - Integrated Chromatogram

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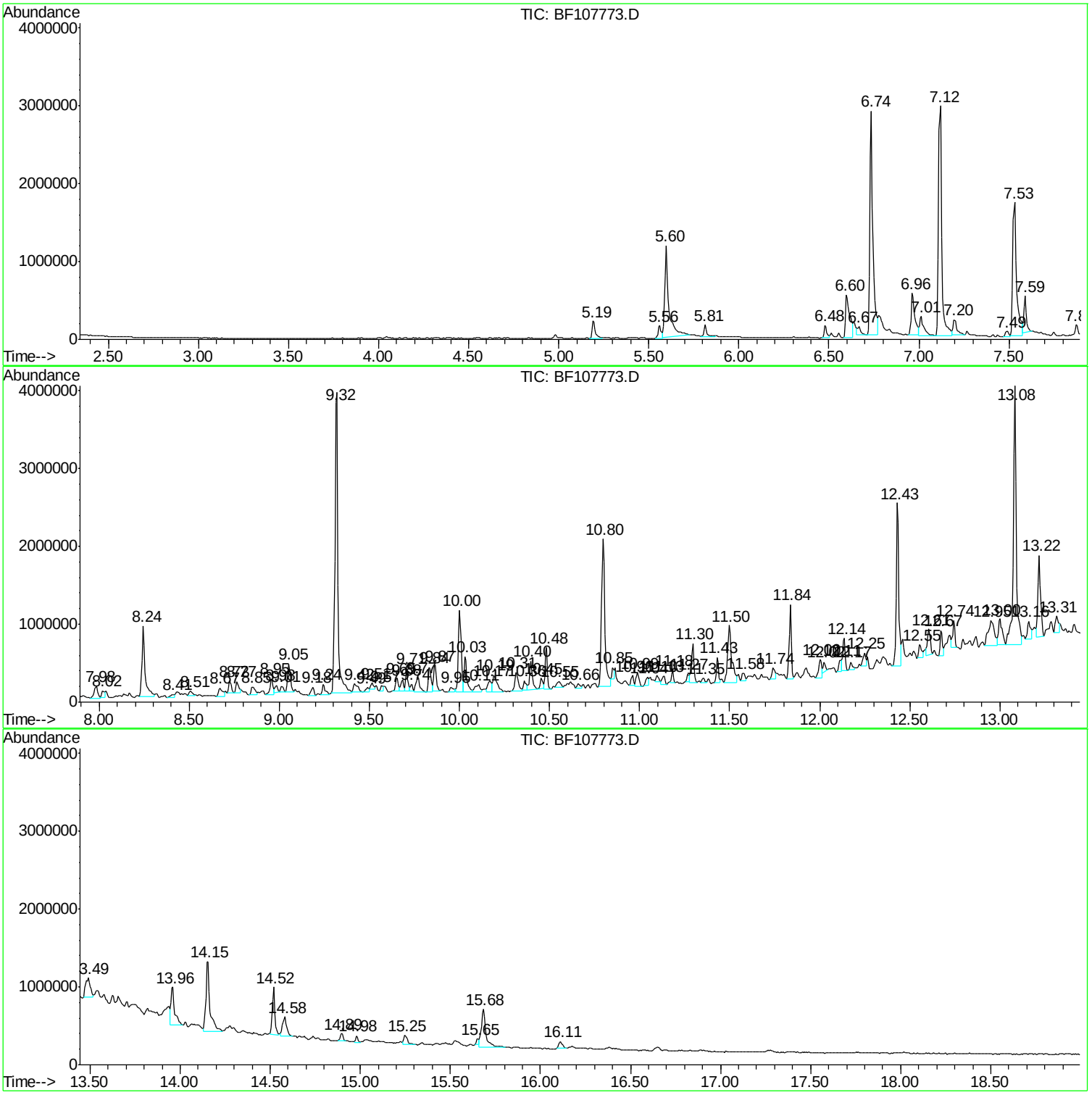
Data File : BF107773.D
Acq On : 28 Jul 2018 4:16
Operator : JU/SJ
Sample : J4184-09
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-11B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.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\BF072718\
Data File : BF107773.D
Acq On : 28 Jul 2018 4:16
Operator : JU/SJ
Sample : J4184-09
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-11B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

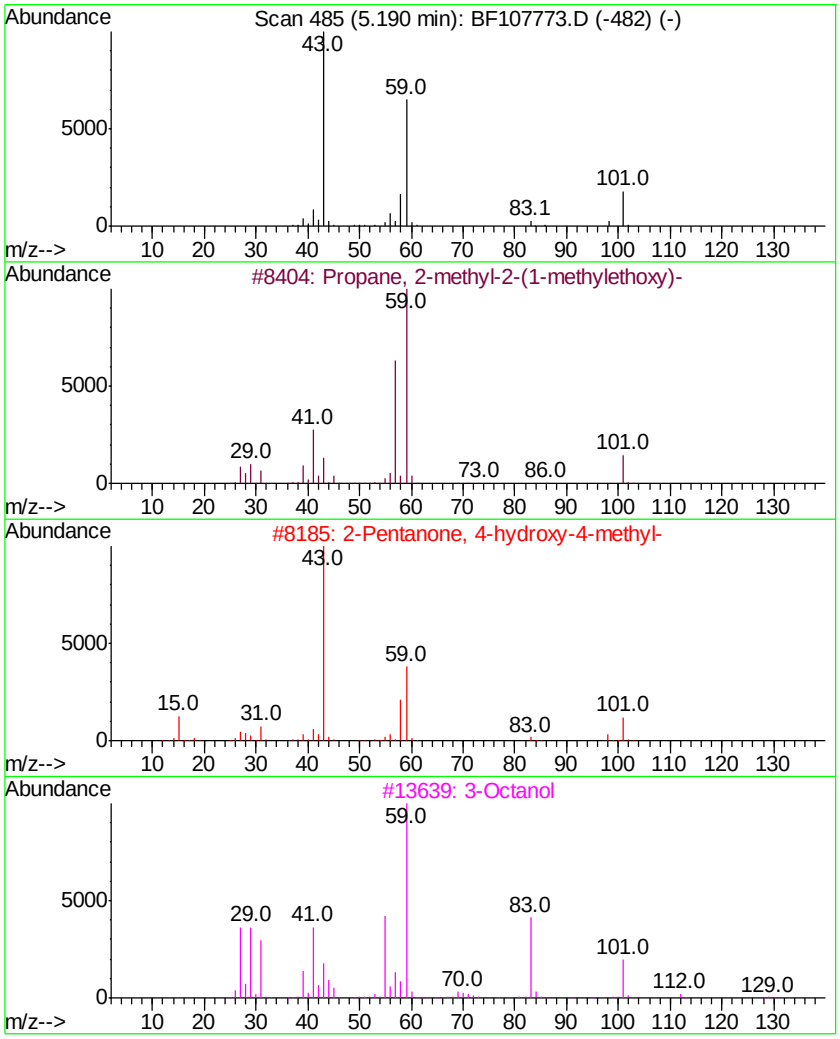
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

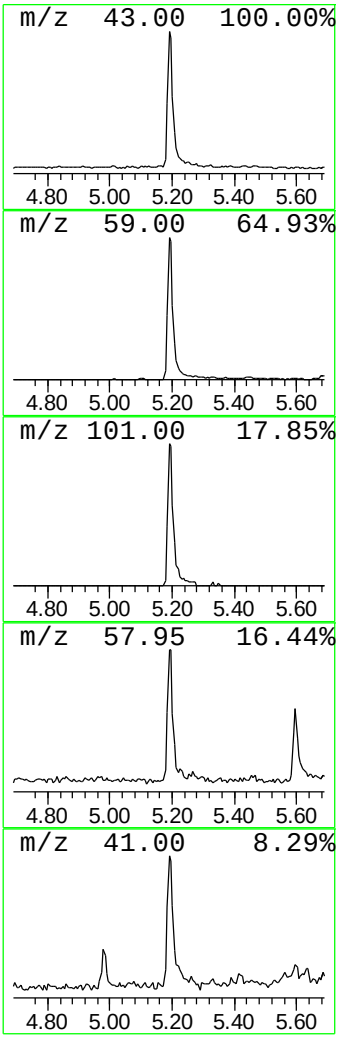
****

Peak Number 1 Propane, 2-methyl-2-(1-meth... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.19	7.82 ng	292870	1,4-Dichlorobenzene-d4	6.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2-methyl-2-(1-methylethoxy)-	116	C7H16O	017348-59-3	53
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	39
3	3-Octanol	130	C8H18O	000589-98-0	33
4	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28
5	1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	23





Library Search Compound Report

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Operator : JU/SJ
Sample : J4184-09
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-11B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

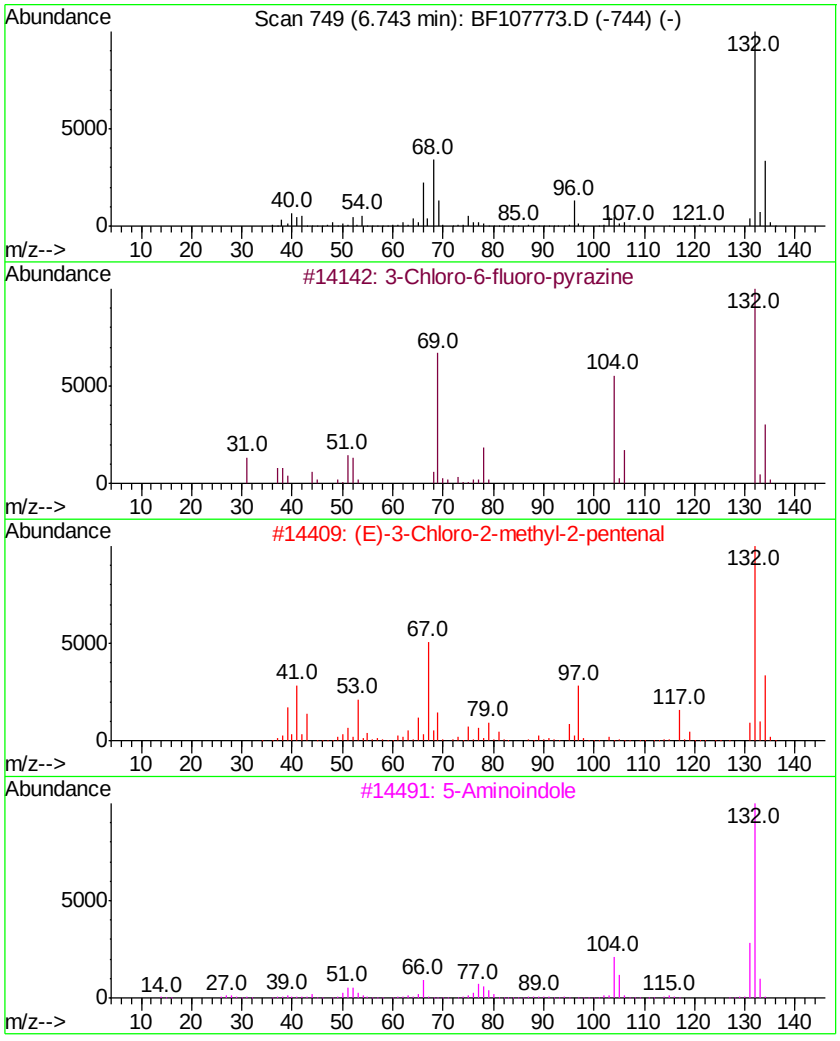
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

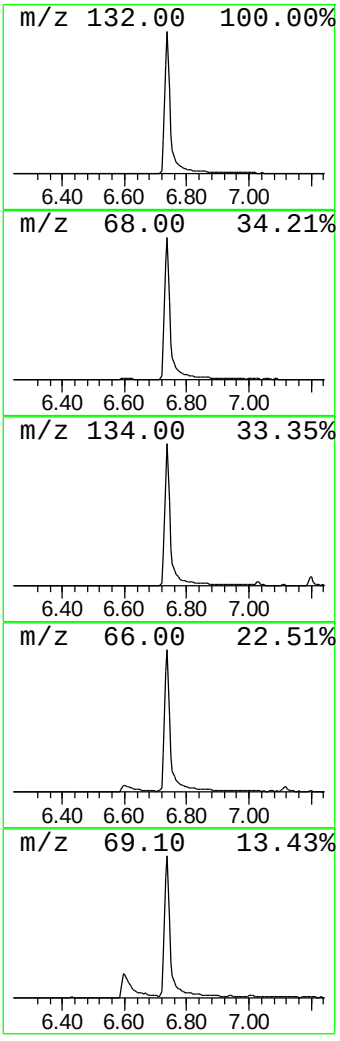
****

Peak Number 2 unknown6.74 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.74	90.03 ng	3370720	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	35
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
5	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9





Library Search Compound Report

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Instrument : BNA_F
ClientSampleId : MW-11B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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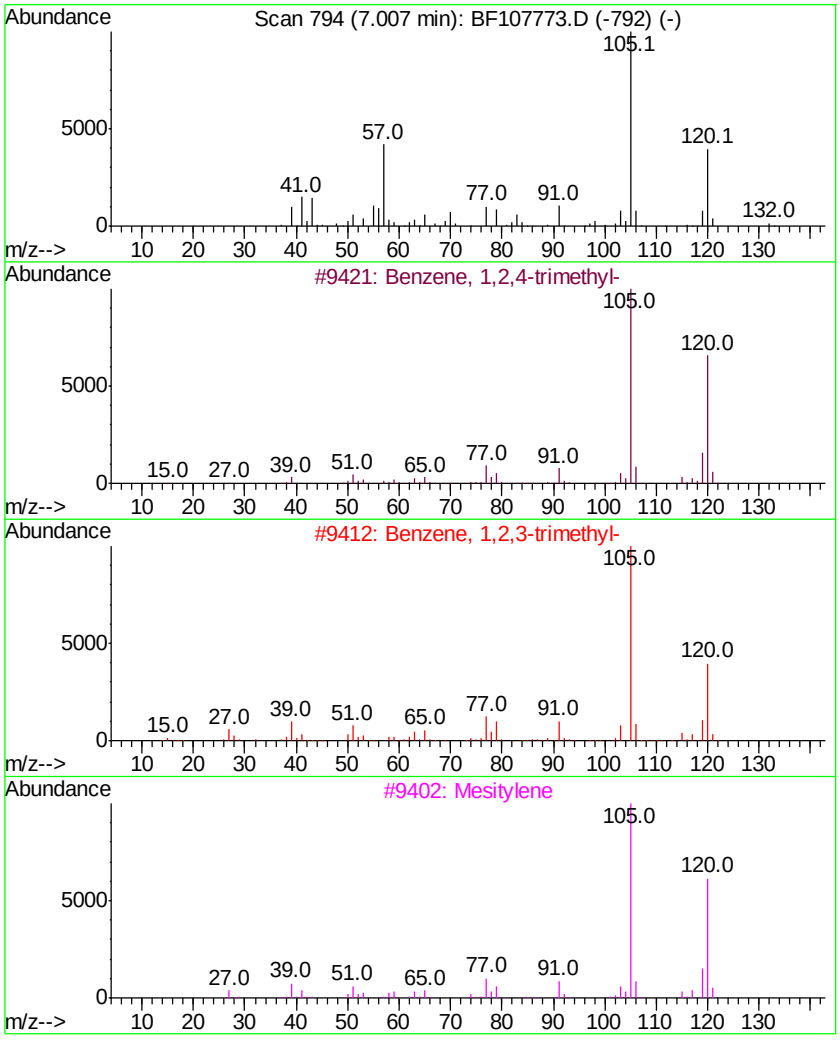
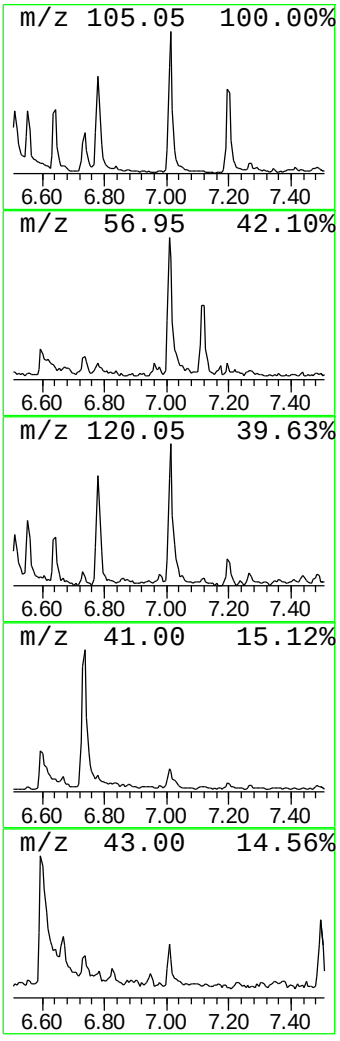
****

Peak Number 3 Benzene, 1,2,4-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.01	10.80 ng	404312	1,4-Dichlorobenzene-d4	6.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
3	Mesitylene	120	C9H12	000108-67-8	87
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	86
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	86





Library Search Compound Report

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Data File : BF107773.D
Acq On : 28 Jul 2018 4:16
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Sample : J4184-09
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-11B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

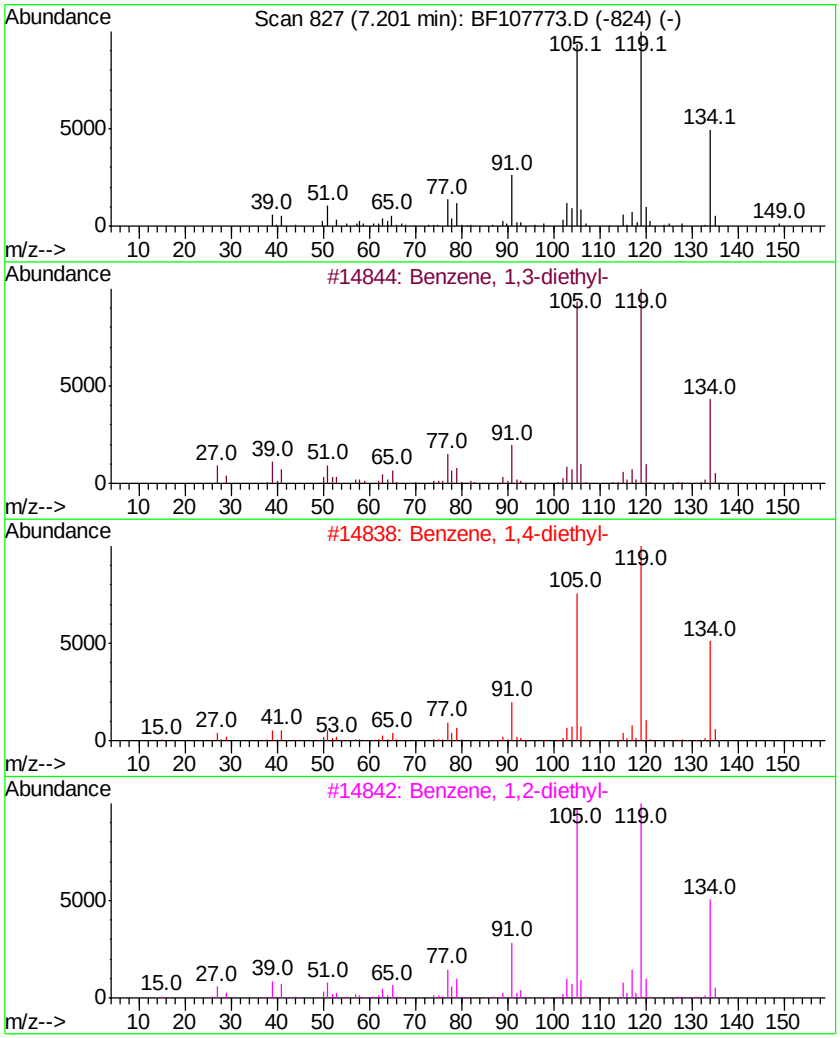
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

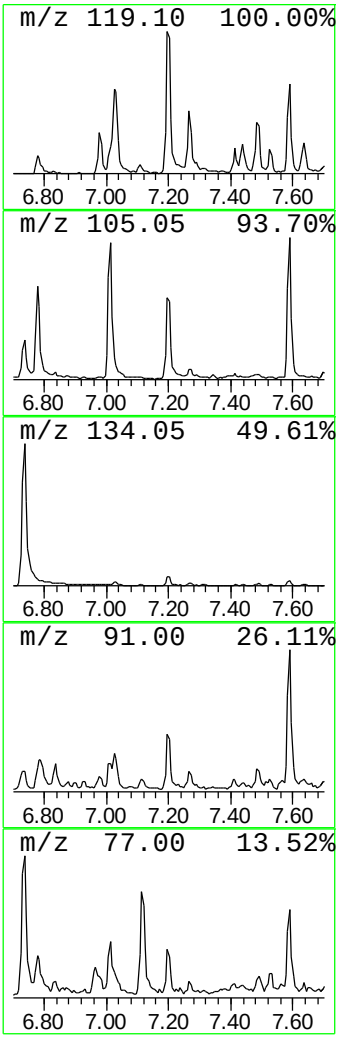
****

Peak Number 5 Benzene, 1,3-diethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.20	7.09 ng	265323	1,4-Dichlorobenzene-d4	6.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	97
2	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	95
3	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	91
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	90
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	83





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072718\
Data File : BF107773.D
Acq On : 28 Jul 2018 4:16
Operator : JU/SJ
Sample : J4184-09
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-11B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

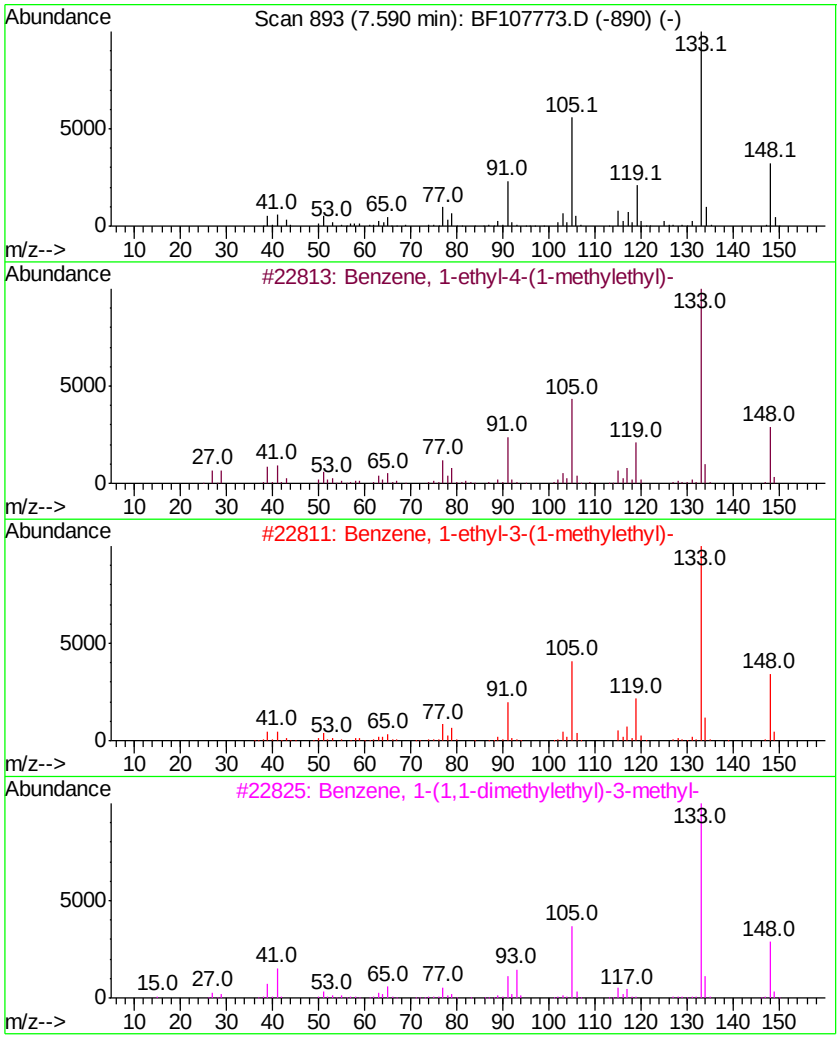
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

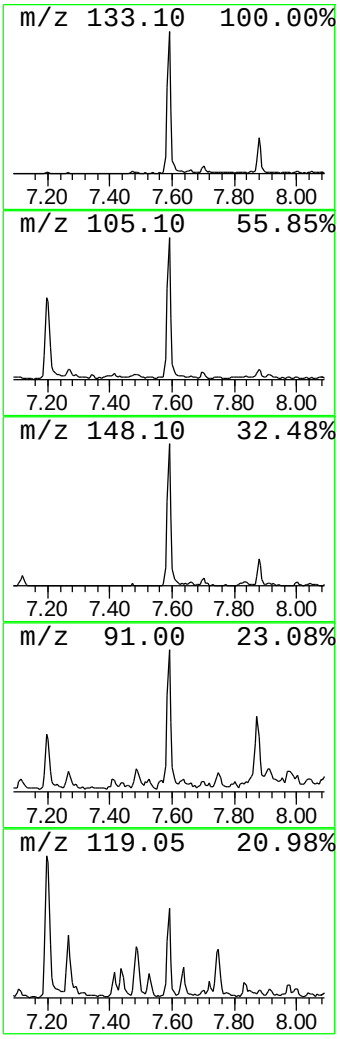
****

Peak Number 6 Benzene, 1-ethyl-4-(1-methy... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.59	13.28 ng	497269	1,4-Dichlorobenzene-d4	6.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	97
2	Benzene, 1-ethyl-3-(1-methylethyl)-	148	C11H16	004920-99-4	97
3	Benzene, 1-(1,1-dimethylethyl)-3...	148	C11H16	001075-38-3	87
4	Ethanone, 1-(4-ethylphenyl)-	148	C10H12O	000937-30-4	86
5	m-Ethylacetophenone	148	C10H12O	022699-70-3	83





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Acq On : 28 Jul 2018 4:16
Operator : JU/SJ
Sample : J4184-09
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-11B

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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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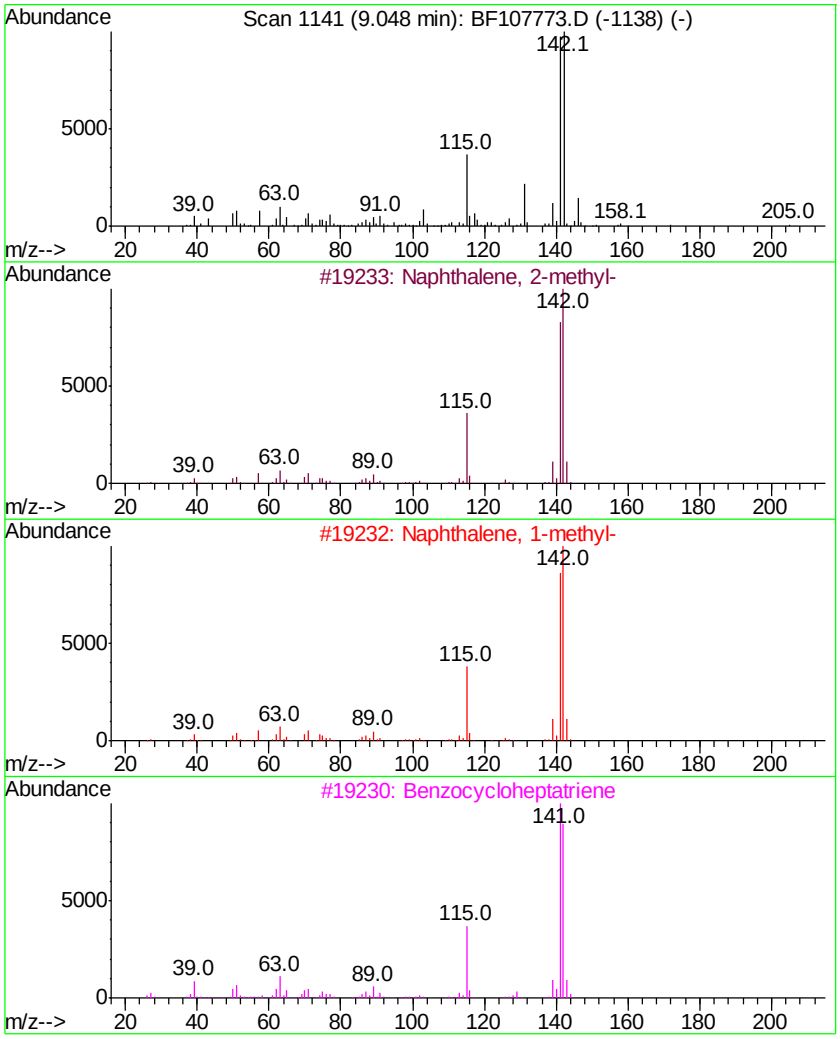
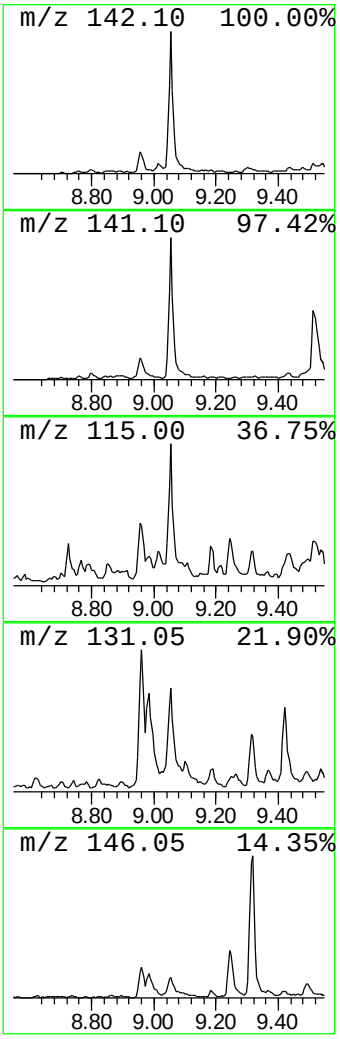
Peak Number 7 Naphthalene, 1-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.05	6.56 ng	361594	Naphthalene-d8	8.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	91
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91
3	Benzocycloheptatriene	142	C11H10	000264-09-5	83
4	Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	74
5	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	74





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Misc :
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Instrument : BNA_F
ClientSampleId : MW-11B

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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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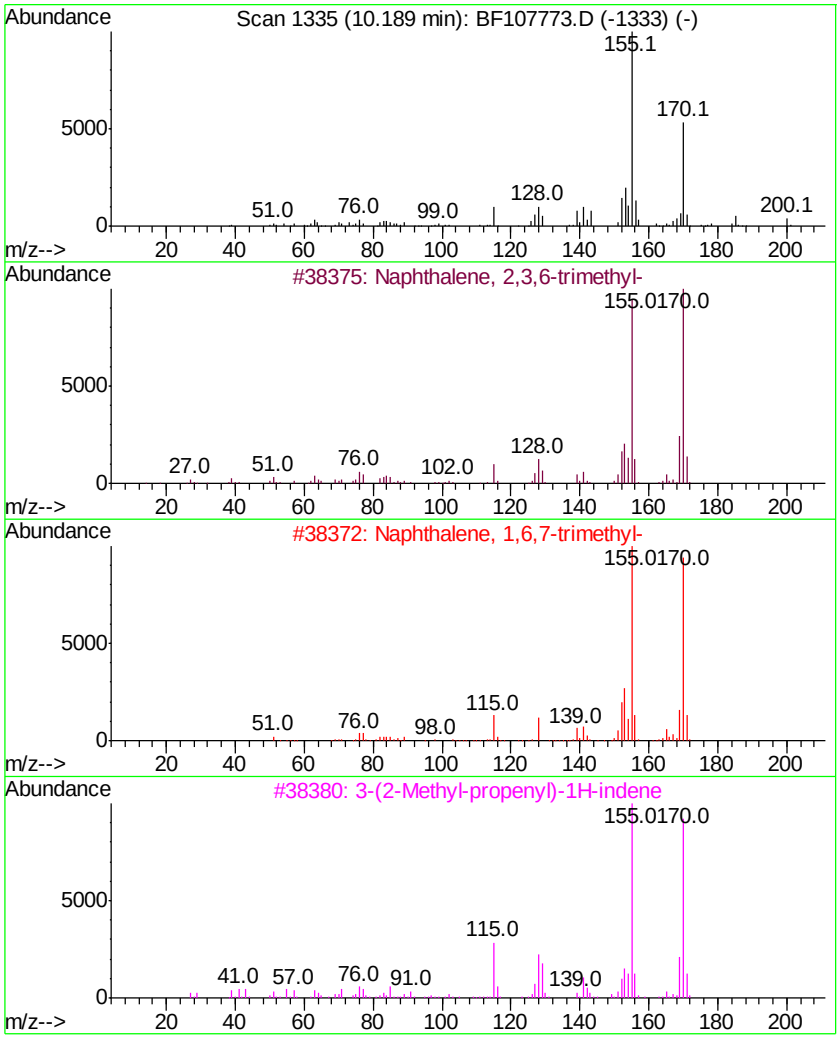
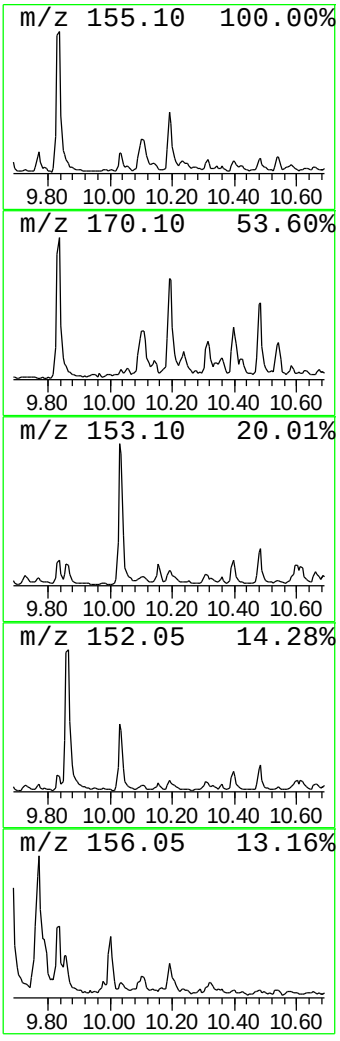
Peak Number 8 Naphthalene, 2,3,6-trimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.19	6.61 ng	348394	Acenaphthene-d10	10.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	94
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	94
3	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	90
4	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	90
5	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	87





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Misc :
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Instrument : BNA_F
ClientSampleId : MW-11B

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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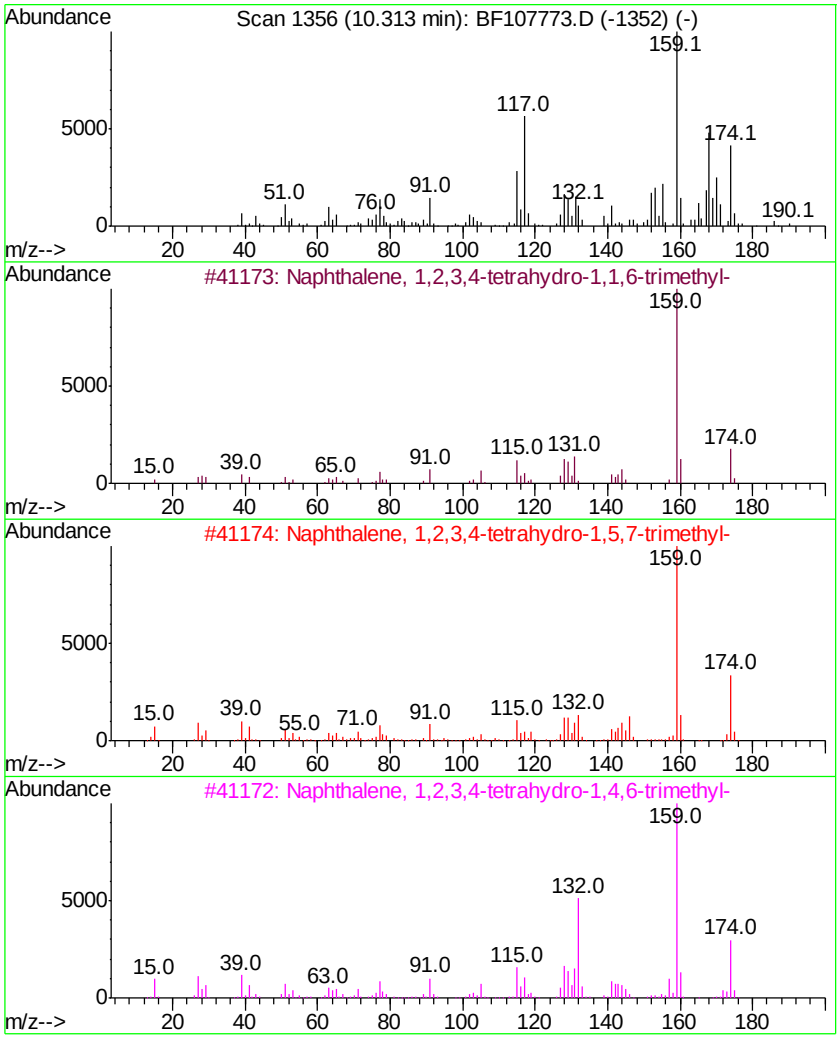
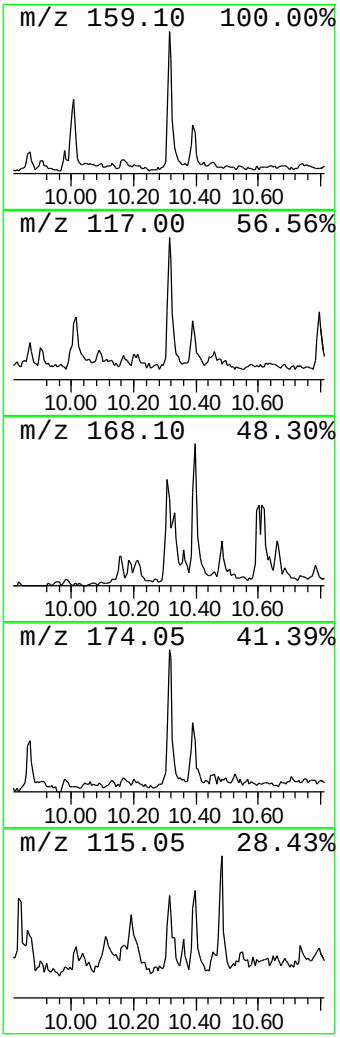
Peak Number 9 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.31	6.62 ng	348840	Acenaphthene-d10	10.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	000475-03-6	52
2	Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	021693-55-0	42
3	Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	022824-32-4	41
4	Ethanone, 1-[4-(1-methyl-2-prope...	174	C12H14O	109586-49-4	38
5	1H-Inden-1-one, 2,3-dihydro-3,4,...	174	C12H14O	035322-84-0	38





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Sample : J4184-09
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-11B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.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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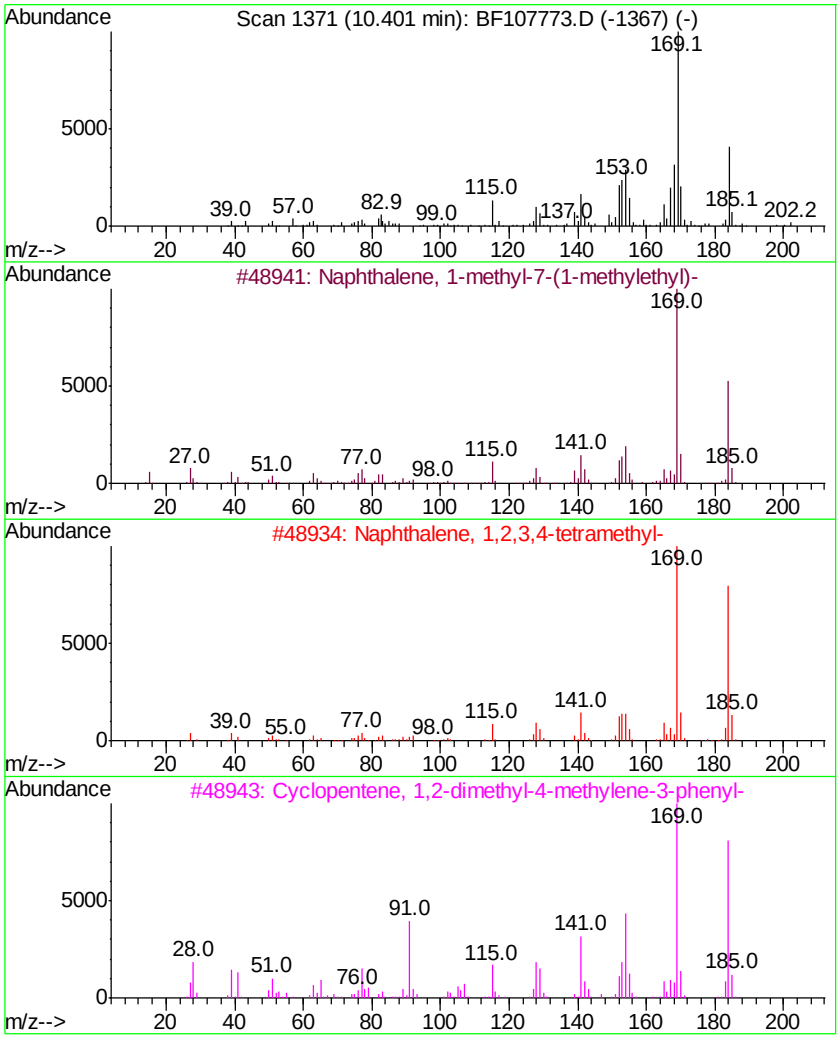
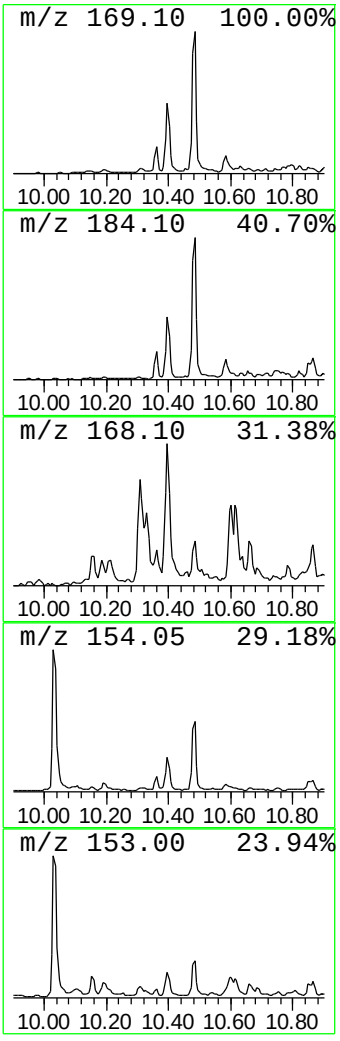
Peak Number 10 Naphthalene, 1-methyl-7-(1-... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.40	7.86 ng	414054	Acenaphthene-d10	10.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-7-(1-methy...	184	C14H16	000490-65-3	87
2	Naphthalene, 1,2,3,4-tetramethyl-	184	C14H16	003031-15-0	81
3	Cyclopentene, 1,2-dimethyl-4-met...	184	C14H16	1000152-22-4	64
4	Naphthalene, 1-(1,1-dimethylethyl)-	184	C14H16	017085-91-5	60
5	Naphthalene, 2-(1,1-dimethylethyl)-	184	C14H16	002876-35-9	47





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Operator : JU/SJ
Sample : J4184-09
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-11B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.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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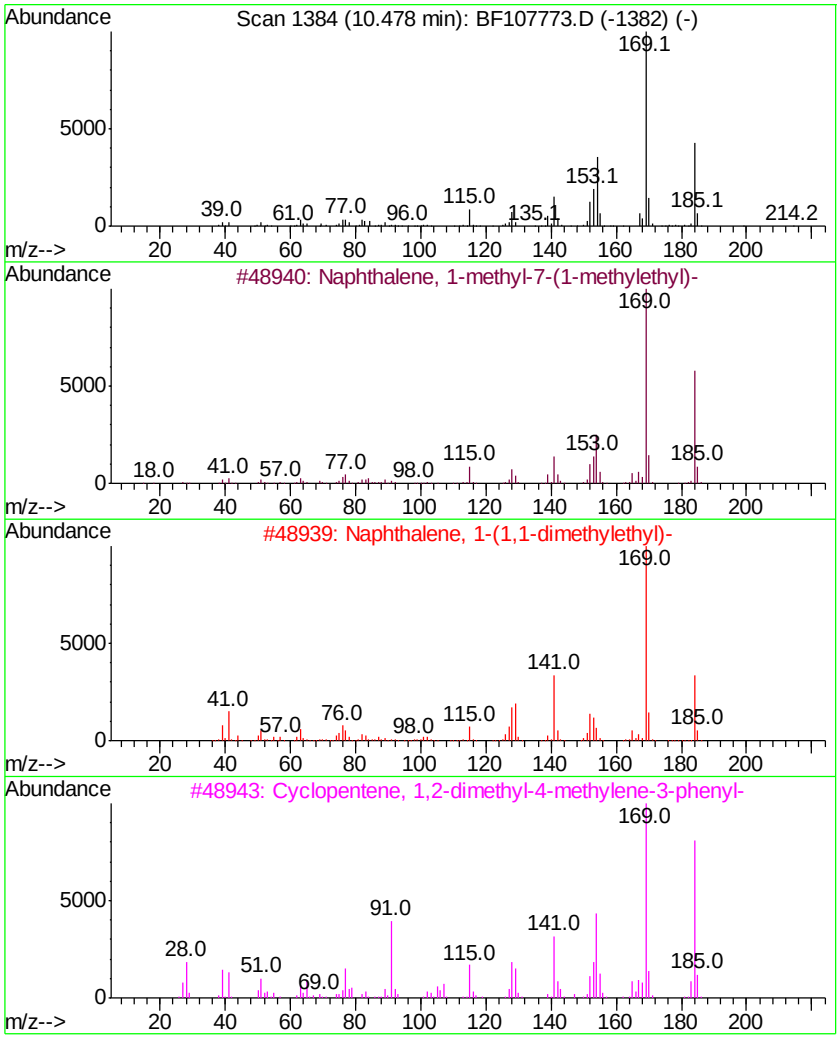
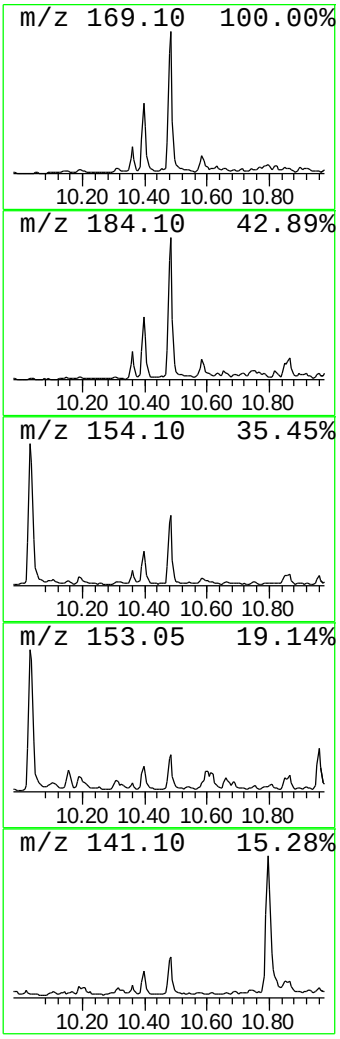
Peak Number 11 Naphthalene, 1-(1,1-dimethy... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.48	9.37 ng	493615	Acenaphthene-d10	10.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-7-(1-methy...	184	C14H16	000490-65-3	96
2	Naphthalene, 1-(1,1-dimethylethyl)-	184	C14H16	017085-91-5	87
3	Cyclopentene, 1,2-dimethyl-4-met...	184	C14H16	1000152-22-4	86
4	Phenol, 3,4,5-trimethoxy-	184	C9H12O4	000642-71-7	59
5	Phenol, 2-chloro-6-(1,1-dimethyl...	184	C10H13ClO	004237-37-0	59





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Operator : JU/SJ
Sample : J4184-09
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-11B

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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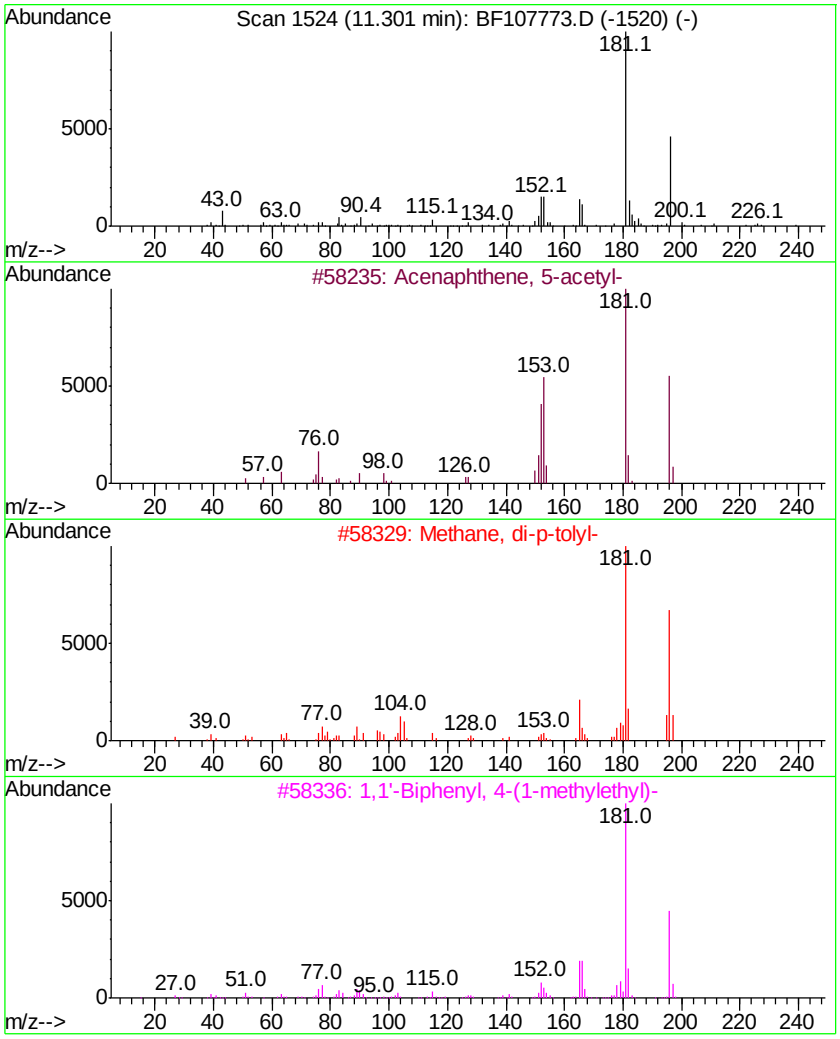
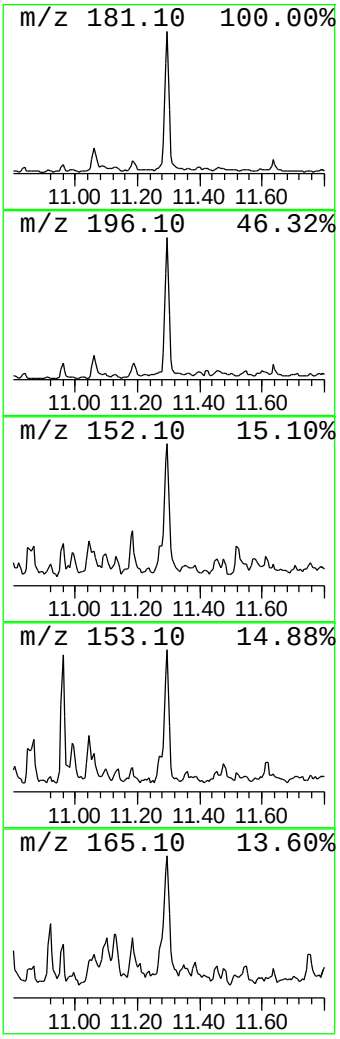
Peak Number 12 Acenaphthene, 5-acetyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.30	8.16 ng	466466	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acenaphthene, 5-acetyl-	196	C14H12O	010047-18-4	64
2	Methane, di-p-tolyl-	196	C15H16	004957-14-6	64
3	1,1'-Biphenyl, 4-(1-methylethyl)-	196	C15H16	007116-95-2	59
4	3-Methyl-2-azafluorene	181	C13H11N	018631-12-4	52
5	9H-Carbazole, 9-methyl-	181	C13H11N	001484-12-4	50





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Operator : JU/SJ
Sample : J4184-09
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-11B

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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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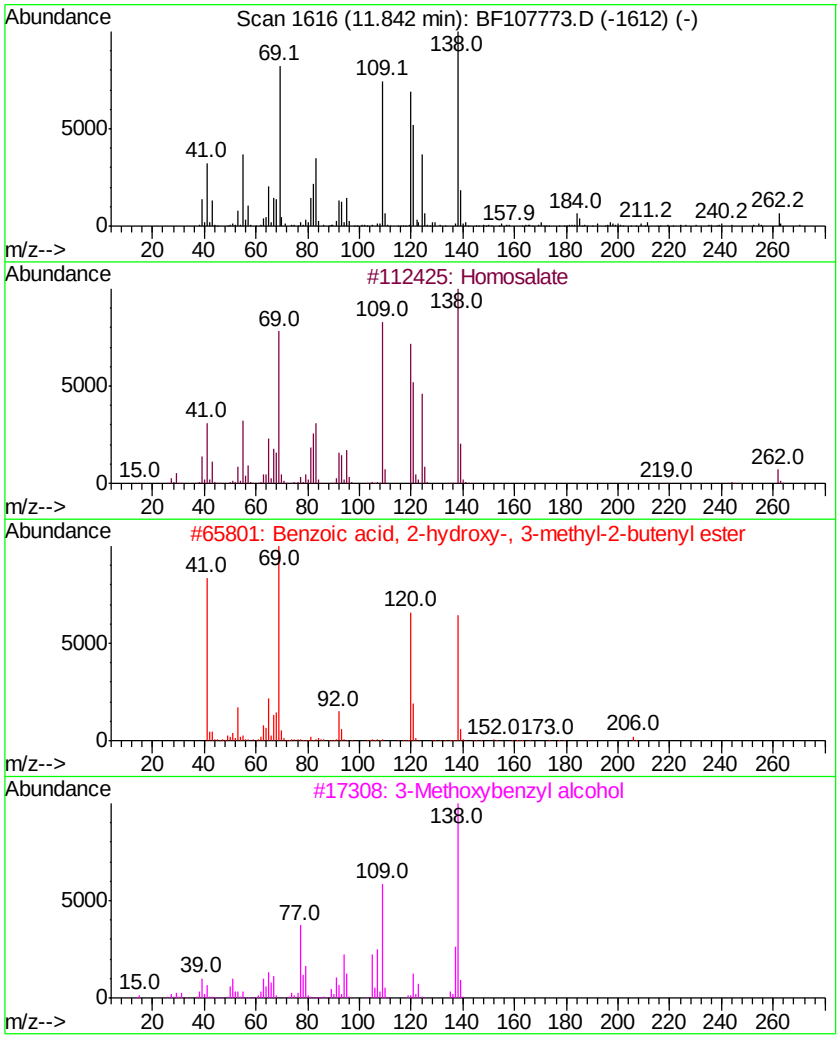
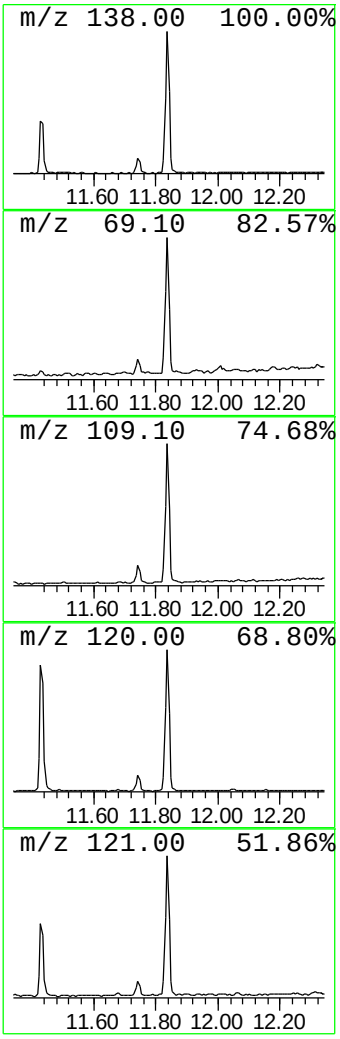
Peak Number 13 Homosalate Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.84	13.70 ng	783194	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Homosalate	262	C16H22O3	000118-56-9	98
2	Benzoic acid, 2-hydroxy-, 3-meth...	206	C12H14O3	068555-58-8	43
3	3-Methoxybenzyl alcohol	138	C8H10O2	006971-51-3	38
4	Phosphonous acid, (1-methylethyl...	384	C23H45O2P	074630-15-2	27
5	Cyclohexene, 3,3,5-trimethyl-	124	C9H16	000503-45-7	20





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Instrument : BNA_F
ClientSampleId : MW-11B

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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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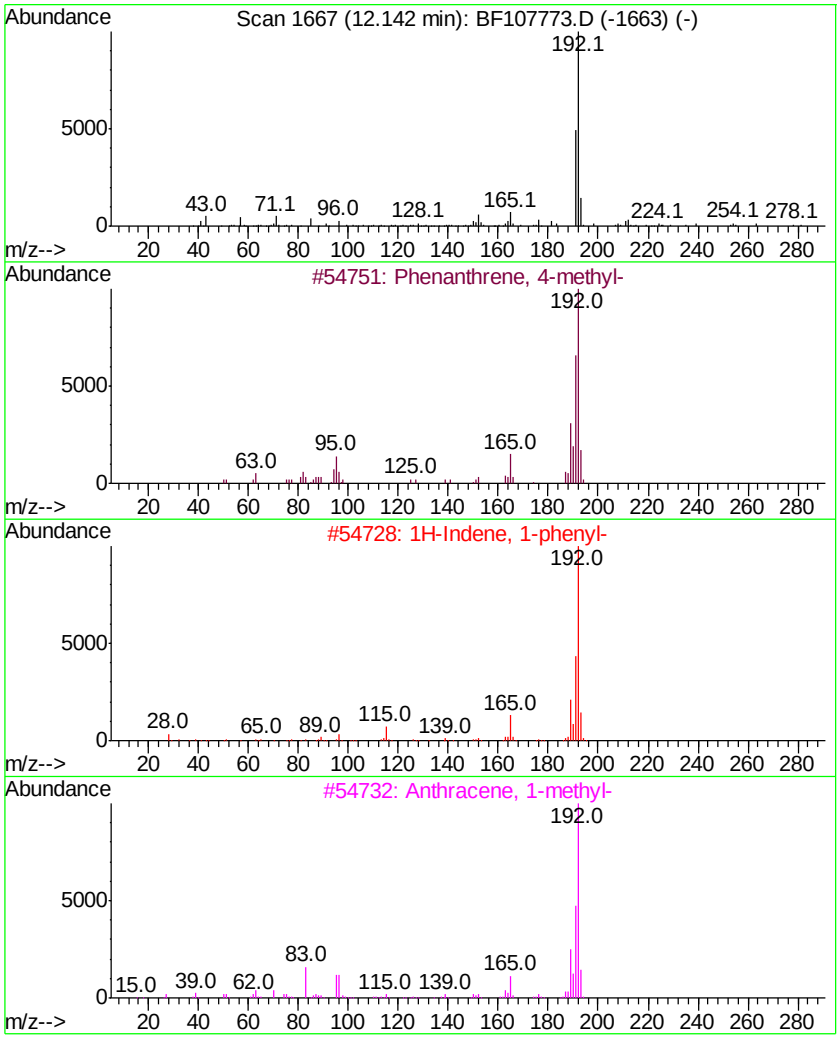
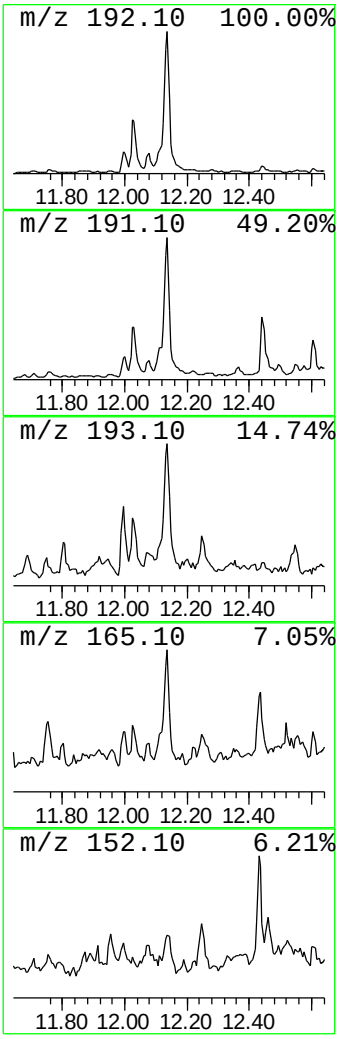
Peak Number 14 Phenanthrene, 4-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.14	7.61 ng	435040	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	90
2	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	87
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	87
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	87
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	87





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Sample : J4184-09
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-11B

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

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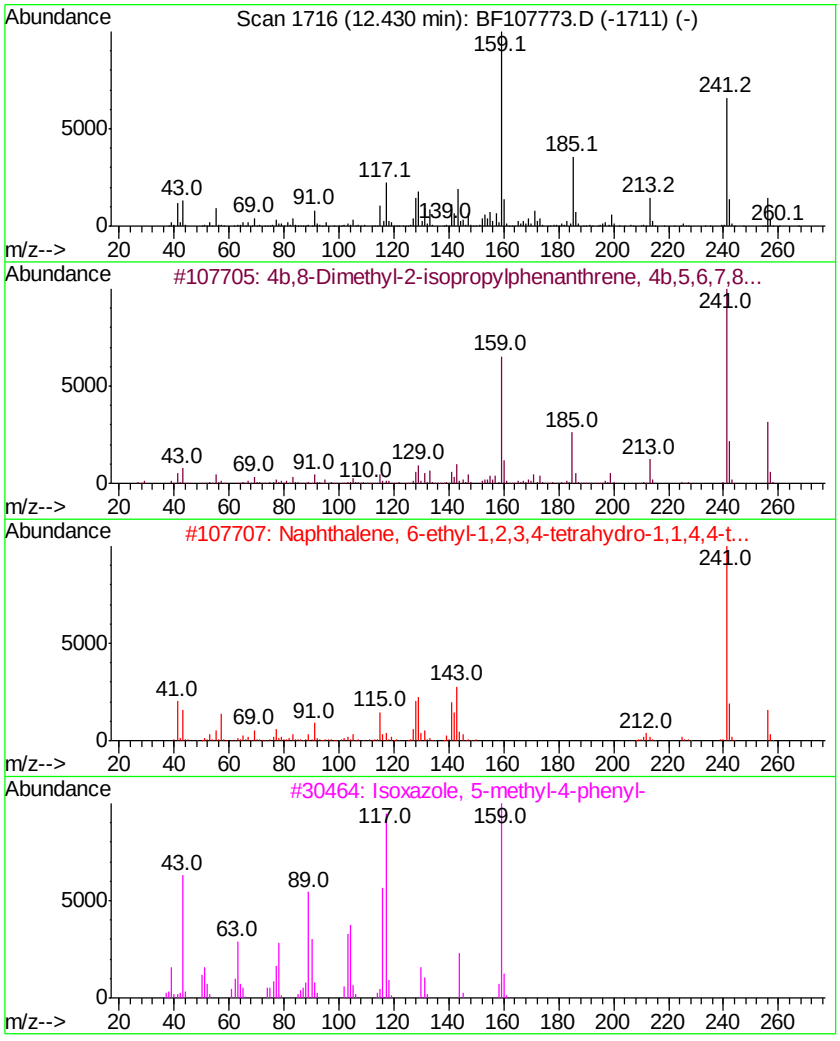
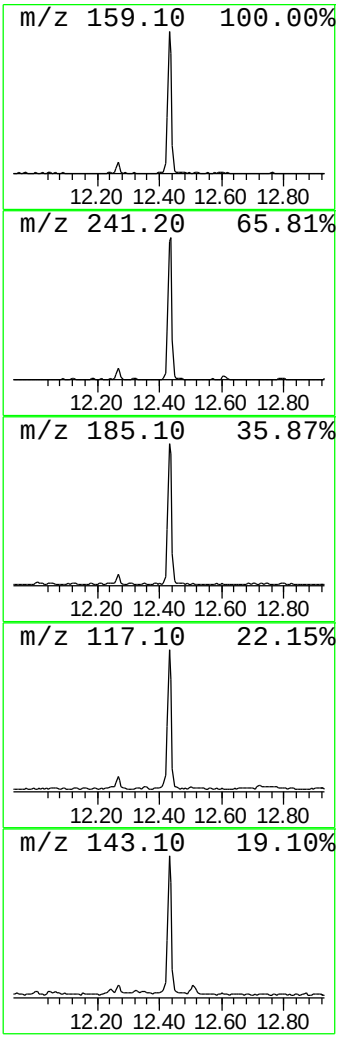
Peak Number 15 4b,8-Dimethyl-2-isopropylph... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.43	37.51 ng	2144870	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4b,8-Dimethyl-2-isopropylphenant...	256	C19H28	1000197-14-1	98
2	Naphthalene, 6-ethyl-1,2,3,4-tet...	256	C19H28	301643-35-6	38
3	Isoxazole, 5-methyl-4-phenyl-	159	C10H9NO	023253-49-8	38
4	Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	021693-51-6	35
5	Phenol, 2-(2-pentyn-4-yl)-4-methyl-	174	C12H14O	1000258-83-7	27





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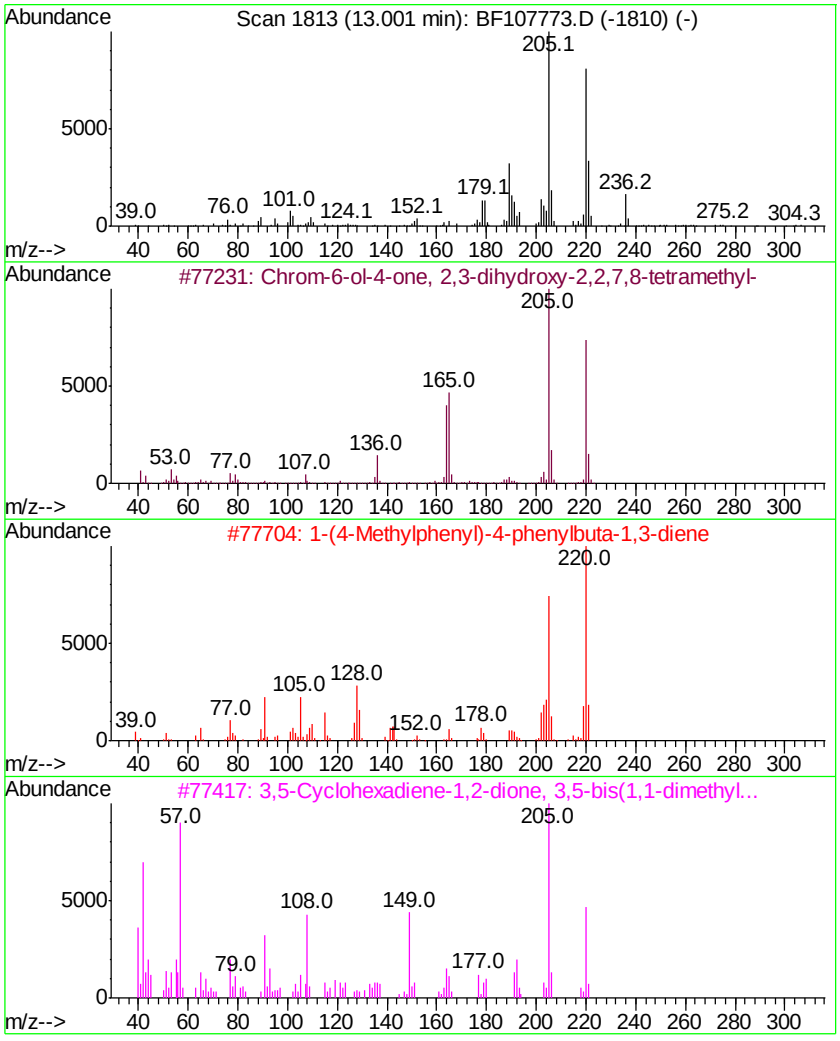
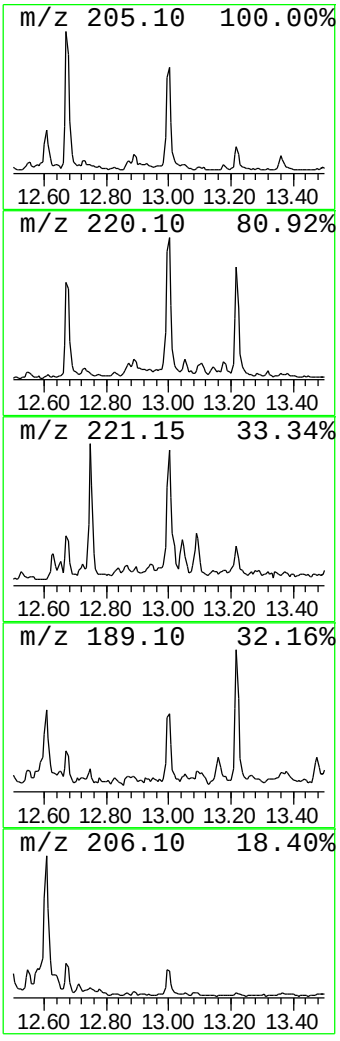
Peak Number 16 Chrom-6-ol-4-one, 2,3-dihyd... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.00	7.12 ng	496984	Chrysene-d12	14.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Chrom-6-ol-4-one, 2,3-dihydroxy-...	220	C13H16O3	084945-26-6	59
2	1-(4-Methylphenyl)-4-phenylbuta-...	220	C17H16	037985-11-8	59
3	3,5-Cyclohexadiene-1,2-dione, 3,...	220	C14H20O2	003383-21-9	53
4	Phenol, 2,6-bis(1,1-dimethylethy...	277	C17H27NO2	001918-11-2	53
5	Xylazine	220	C12H16N2S	007361-61-7	53





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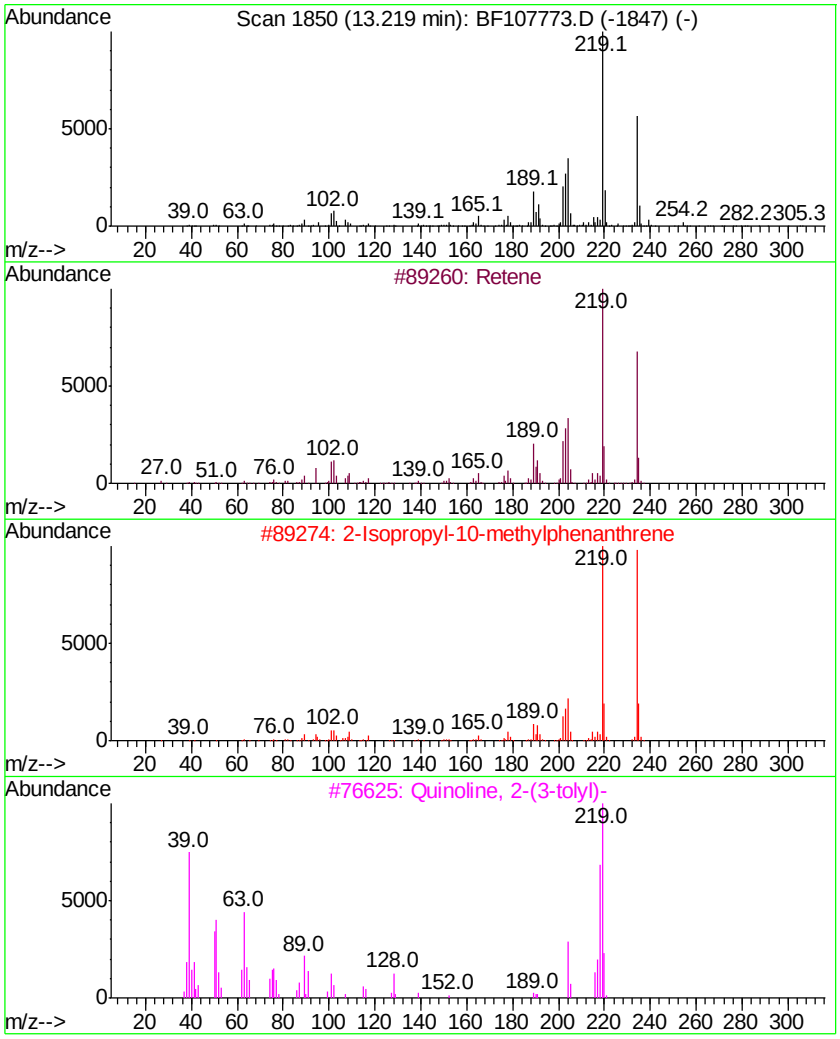
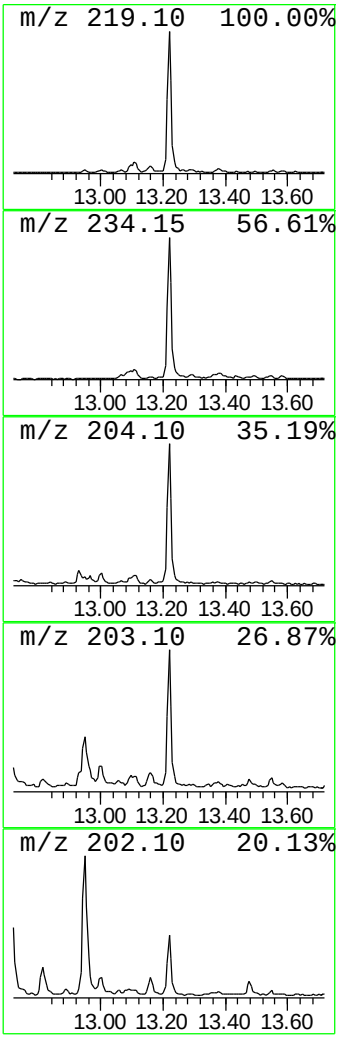
Peak Number 17 Retene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.22	15.23 ng	1063210	Chrysene-d12	14.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Retene	234	C18H18	000483-65-8	98
2	2-Isopropyl-10-methylphenanthrene	234	C18H18	066552-97-4	95
3	Quinoline, 2-(3-tolyl)-	219	C16H13N	024641-30-3	83
4	Anthracene, 2-(1,1-dimethylethyl)-	234	C18H18	018801-00-8	64
5	Phenol, 2,6-bis(1,1-dimethylethy...	234	C16H26O	004130-42-1	52





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Data File : BF107773.D
Acq On : 28 Jul 2018 4:16
Operator : JU/SJ
Sample : J4184-09
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-11B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.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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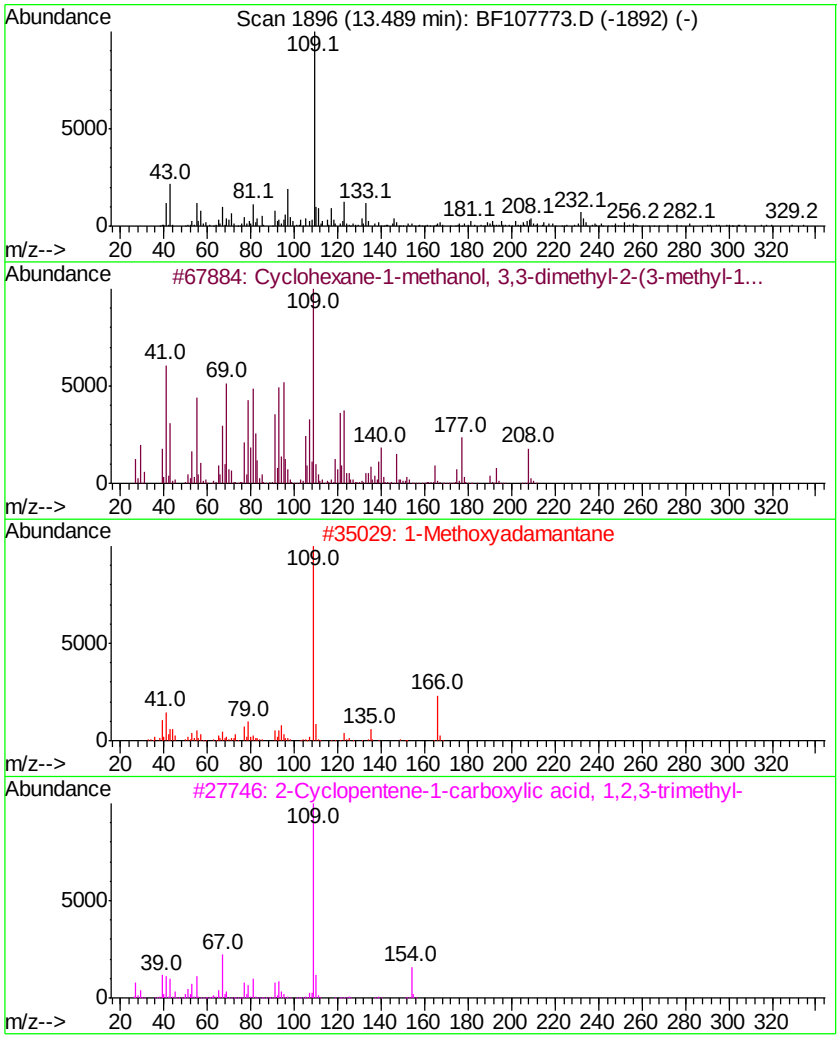
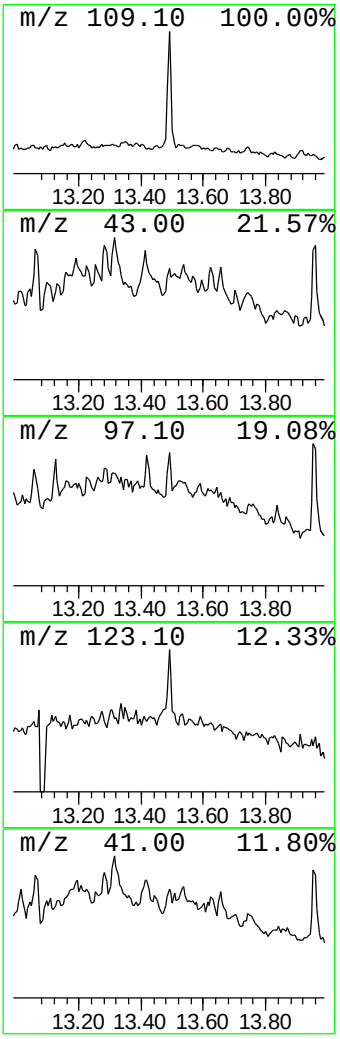
Peak Number 18 Cyclohexane-1-methanol, 3,3... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.49	6.58 ng	459207	Chrysene-d12	14.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane-1-methanol, 3,3-dime...	208	C14H24O	1000196-01-5	70
2	1-Methoxyadamantane	166	C11H18O	006221-74-5	49
3	2-Cyclopentene-1-carboxylic acid...	154	C9H14O2	006894-69-5	49
4	Pyridine, 2,5-diamino-	109	C5H7N3	004318-76-7	47
5	Glutaric acid, 2-fluorobenzyl 2-...	338	C19H27FO4	1000377-67-2	47





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072718\
Data File : BF107773.D
Acq On : 28 Jul 2018 4:16
Operator : JU/SJ
Sample : J4184-09
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-11B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.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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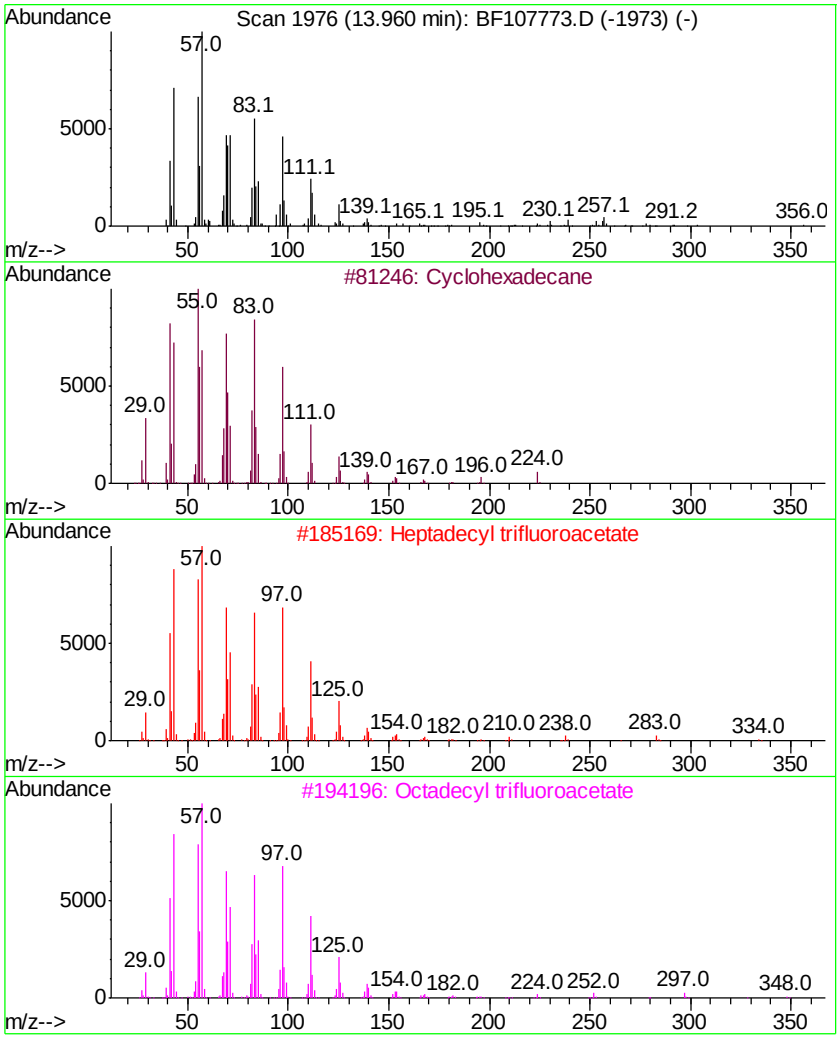
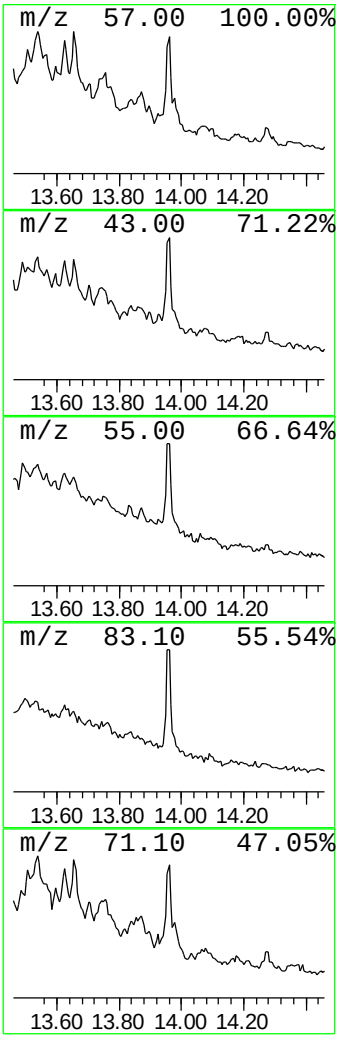
Peak Number 19 Cyclohexadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.96	10.00 ng	698170	Chrysene-d12	14.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	92
2	Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	90
3	Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	90
4	1-Tricosene	322	C23H46	018835-32-0	90
5	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072718\
Data File : BF107773.D
Acq On : 28 Jul 2018 4:16
Operator : JU/SJ
Sample : J4184-09
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-11B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.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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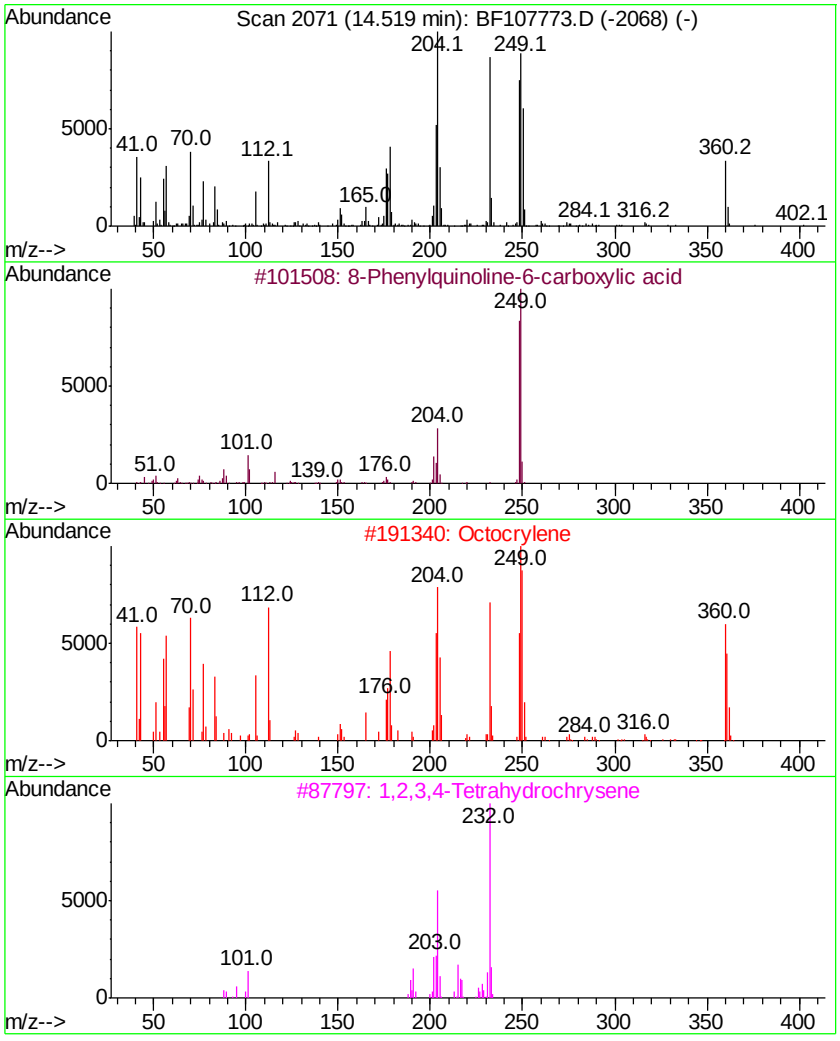
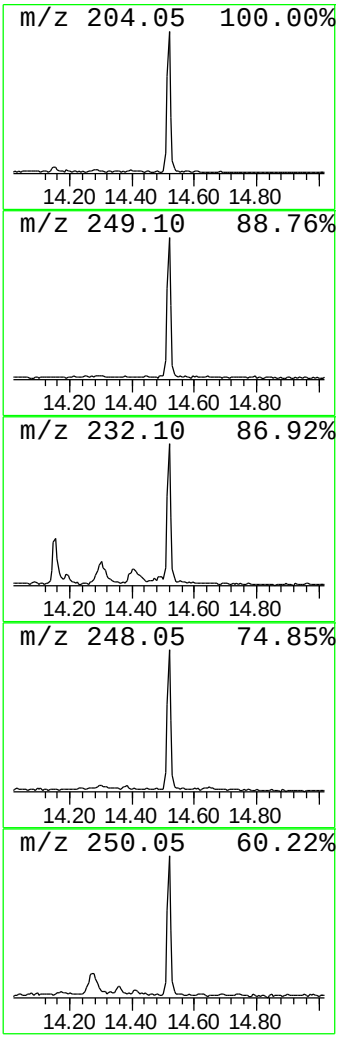
Peak Number 20 unknown14.52 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.52	8.05 ng	561743	Chrysene-d12	14.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	8-Phenylquinoline-6-carboxylic acid	249	C16H11NO2	035871-15-9	27
2	Octocrylene	361	C24H27NO2	006197-30-4	27
3	1,2,3,4-Tetrahydrochrysene	232	C18H16	002091-90-9	27
4	4-Methyl-4'-hydroxydiphenylsulfone	248	C13H12O3S	007402-77-9	25
5	2,5-Dimethyl-7,7,8,8-tetracyano-...	232	C14H8N4	001487-82-7	14





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072718\
Data File : BF107773.D
Acq On : 28 Jul 2018 4:16
Operator : JU/SJ
Sample : J4184-09
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-11B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.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
Propane, 2-methyl...	5.19	7.8	ng	292870	1	6.96	748799	20.0
unknown6.74	6.74	90.0	ng	3370720	1	6.96	748799	20.0
Benzene, 1,2,4-tr...	7.01	10.8	ng	404312	1	6.96	748799	20.0
Benzene, 1,3-diet...	7.20	7.1	ng	265323	1	6.96	748799	20.0
Benzene, 1-ethyl-...	7.59	13.3	ng	497269	1	6.96	748799	20.0
Naphthalene, 1-me...	9.05	6.6	ng	361594	2	8.24	1102000	20.0
Naphthalene, 2,3,...	10.19	6.6	ng	348394	3	10.00	1053620	20.0
Naphthalene, 1,2,...	10.31	6.6	ng	348840	3	10.00	1053620	20.0
Naphthalene, 1-me...	10.40	7.9	ng	414054	3	10.00	1053620	20.0
Naphthalene, 1-(1...	10.48	9.4	ng	493615	3	10.00	1053620	20.0
Acenaphthene, 5-a...	11.30	8.2	ng	466466	4	11.50	1143670	20.0
Homosalate	11.84	13.7	ng	783194	4	11.50	1143670	20.0
Phenanthrene, 4-m...	12.14	7.6	ng	435040	4	11.50	1143670	20.0
4b,8-Dimethyl-2-i...	12.43	37.5	ng	2144870	4	11.50	1143670	20.0
Chrom-6-ol-4-one,...	13.00	7.1	ng	496984	5	14.15	1396340	20.0
Retene	13.22	15.2	ng	1063210	5	14.15	1396340	20.0
Cyclohexane-1-met...	13.49	6.6	ng	459207	5	14.15	1396340	20.0
Cyclohexadecane	13.96	10.0	ng	698170	5	14.15	1396340	20.0
unknown14.52	14.52	8.1	ng	561743	5	14.15	1396340	20.0