LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072718\
Data File : BF107774.D
Acq On : 28 Jul 2018 4:42
Operator : JU/SJ
Sample : J4184-07
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-2B

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	4.119	292	303	307	rBV	6821221	15220286	41.47%	4.888%
2	5.484	526	535	538	rBV	7963551	16588687	45.20%	5.328%
3	5.596	545	554	570	rBV	7937263	22076584	60.15%	7.091%
4	5.837	588	595	598	rBV2	6992350	11378429	31.00%	3.655%
5	6.131	641	645	653	rBV	2293468	2123369	5.79%	0.682%
6	6.348	679	682	687	rBV	546935	679806	1.85%	0.218%
7	6.419	689	694	702	rVV	1224018	1669529	4.55%	0.536%
8	6.495	702	707	709	rVV	6392034	7876576	21.46%	2.530%
9	6.519	709	711	715	rVV	2821132	2643840	7.20%	0.849%
10	6.566	715	719	723	rVV	4241100	4278553	11.66%	1.374%
11	6.607	723	726	730	rVV	619921	980372	2.67%	0.315%
12	6.648	730	733	735	rVV	1778659	1905152	5.19%	0.612%
13	6.672	735	737	743	rVB	1228482	1234938	3.36%	0.397%
14	6.742	745	749	753	rVV	2043171	3058465	8.33%	0.982%
15	6.801	753	759	763	rVV2	7388667	13648387	37.19%	4.384%
16	6.843	763	766	773	rVV	3186671	3460530	9.43%	1.111%
17	6.907	774	777	782	rVB3	314890	371634	1.01%	0.119%
18	6.990	782	791	793	rBV2	3166778	3897398	10.62%	1.252%
19	7.025	793	797	801	rVV2	3745409	5815294	15.85%	1.868%
20	7.066	801	804	810	rVB	1539412	1952219	5.32%	0.627%
21	7.125	810	814	816	rBV	2557554	3141717	8.56%	1.009%
22	7.142	816	817	823	rVB	2176771	1994823	5.44%	0.641%
23	7.248	827	835	838	rVV	7599550	18257886	49.75%	5.864%
24	7.272	838	839	845	rVB	1561081	1329925	3.62%	0.427%
25	7.419	860	864	866	rVV2	511207	511837	1.39%	0.164%
26	7.442	866	868	870	rVV	493832	403247	1.10%	0.130%
27	7.490	873	876	879	rVV	1494407	1389418	3.79%	0.446%
28	7.537	879	884	887	rVV3	1482686	2366158	6.45%	0.760%
29	7.566	887	889	892	rVV	1401921	1626114	4.43%	0.522%
30	7.595	892	894	896	rVV	616537	679656	1.85%	0.218%
31	7.725	912	916	918	rVV2	440817	555408	1.51%	0.178%
32	7.754	918	921	924	rVV	1028895	983285	2.68%	0.316%
33	7.789	924	927	930	rVV	441151	447719	1.22%	0.144%
34	7.825	930	933	937	rVV3	315675	420435	1.15%	0.135%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072718\
Data File : BF107774.D
Acq On : 28 Jul 2018 4:42
Operator : JU/SJ
Sample : J4184-07
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-2B

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	7.884	938	943	946	rVV3	510645	735354	2.00%	0.236%
36	7.913	946	948	955	rVB	447436	560468	1.53%	0.180%
37	8.001	955	963	966	rBV3	4912315	9257330	25.22%	2.973%
38	8.042	966	970	976	rVV	4213783	8001840	21.80%	2.570%
39	8.125	980	984	991	rVB	1412784	1993301	5.43%	0.640%
40	8.307	1004	1015	1021	rBV2	7366486	36700316	100.00%	11.787%
41	8.607	1061	1066	1070	rBV3	425303	867824	2.36%	0.279%
42	8.678	1074	1078	1080	rBV	338342	538617	1.47%	0.173%
43	8.801	1095	1099	1101	rBV2	281041	377311	1.03%	0.121%
44	8.978	1122	1129	1139	rBV	7106207	12490612	34.03%	4.012%
45	9.072	1139	1145	1151	rBV	6631606	9610015	26.19%	3.087%
46	9.319	1181	1187	1196	rBV	3913660	4210663	11.47%	1.352%
47	9.425	1201	1205	1212	rBV	4539082	4818537	13.13%	1.548%
48	9.519	1218	1221	1228	rVB	1107341	1514714	4.13%	0.486%
49	9.583	1228	1232	1236	rBV	690873	1043928	2.84%	0.335%
50	9.660	1241	1245	1247	rBV	1403194	1398435	3.81%	0.449%
51	9.689	1247	1250	1253	rVB2	894046	823258	2.24%	0.264%
52	9.731	1253	1257	1262	rVB2	1879322	2081392	5.67%	0.669%
53	9.778	1262	1265	1274	rVB	628916	1118382	3.05%	0.359%
54	9.883	1274	1283	1286	rBV	6769962	11336680	30.89%	3.641%
55	9.978	1296	1299	1301	rBV2	564224	528005	1.44%	0.170%
56	10.007	1301	1304	1306	rVV	950131	947131	2.58%	0.304%
57	10.042	1306	1310	1318	rVB	3459795	3648960	9.94%	1.172%
58	10.207	1333	1338	1342	rBV4	719913	926971	2.53%	0.298%
59	10.313	1352	1356	1360	rBV2	307574	410856	1.12%	0.132%
60	10.401	1368	1371	1377	rVB2	342846	506369	1.38%	0.163%
61	10.460	1377	1381	1383	rBV	827346	755852	2.06%	0.243%
62	10.525	1389	1392	1394	rBV	595081	503105	1.37%	0.162%
63	10.560	1394	1398	1403	rVB	3173584	3492881	9.52%	1.122%
64	10.666	1413	1416	1422	rBV2	231954	430886	1.17%	0.138%
65	10.801	1432	1439	1445	rBV2	1849018	2732698	7.45%	0.878%
66	11.095	1485	1489	1493	rBV2	494904	689262	1.88%	0.221%
67	11.295	1520	1523	1528	rVB2	280337	399288	1.09%	0.128%
68	11.501	1554	1558	1559	rBV	830435	805039	2.19%	0.259%
69	11.530	1559	1563	1568	rVV	5245777	6874075	18.73%	2.208%
70	11.577	1568	1571	1583	rVB	1408124	1793633	4.89%	0.576%
71	12.007	1640	1644	1646	rBV2	627589	830580	2.26%	0.267%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072718\
Data File : BF107774.D
Acq On : 28 Jul 2018 4:42
Operator : JU/SJ
Sample : J4184-07
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-2B

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

72	12.030	1646	1648	1652	rVB	451060	425367	1.16%	0.137%
73	12.119	1659	1663	1665	rBV	1059942	1409509	3.84%	0.453%
74	12.136	1665	1666	1677	rVB	822732	717968	1.96%	0.231%
75	12.295	1690	1693	1696	rBV	379011	367071	1.00%	0.118%
76	12.719	1761	1765	1769	rBV	2038045	2258034	6.15%	0.725%
77	12.813	1779	1781	1788	rVB	557244	579126	1.58%	0.186%
78	12.954	1799	1805	1810	rBV	2496404	2962834	8.07%	0.952%
79	13.083	1823	1827	1837	rVB	3539082	3808577	10.38%	1.223%
80	13.219	1847	1850	1853	rVV	491379	447828	1.22%	0.144%
81	13.277	1857	1860	1865	rVV	261592	374657	1.02%	0.120%
82	13.342	1868	1871	1875	rVV2	334593	462135	1.26%	0.148%
83	13.489	1891	1896	1904	rVB3	424919	768822	2.09%	0.247%
84	13.954	1968	1975	1986	rVB3	1370226	1890747	5.15%	0.607%
85	14.148	2003	2008	2011	rBV3	1409920	2068624	5.64%	0.664%
86	14.177	2011	2013	2020	rVB	574231	601482	1.64%	0.193%
87	15.618	2254	2258	2261	rVV	332716	488179	1.33%	0.157%
88	15.683	2266	2269	2284	rVB	569977	998925	2.72%	0.321%

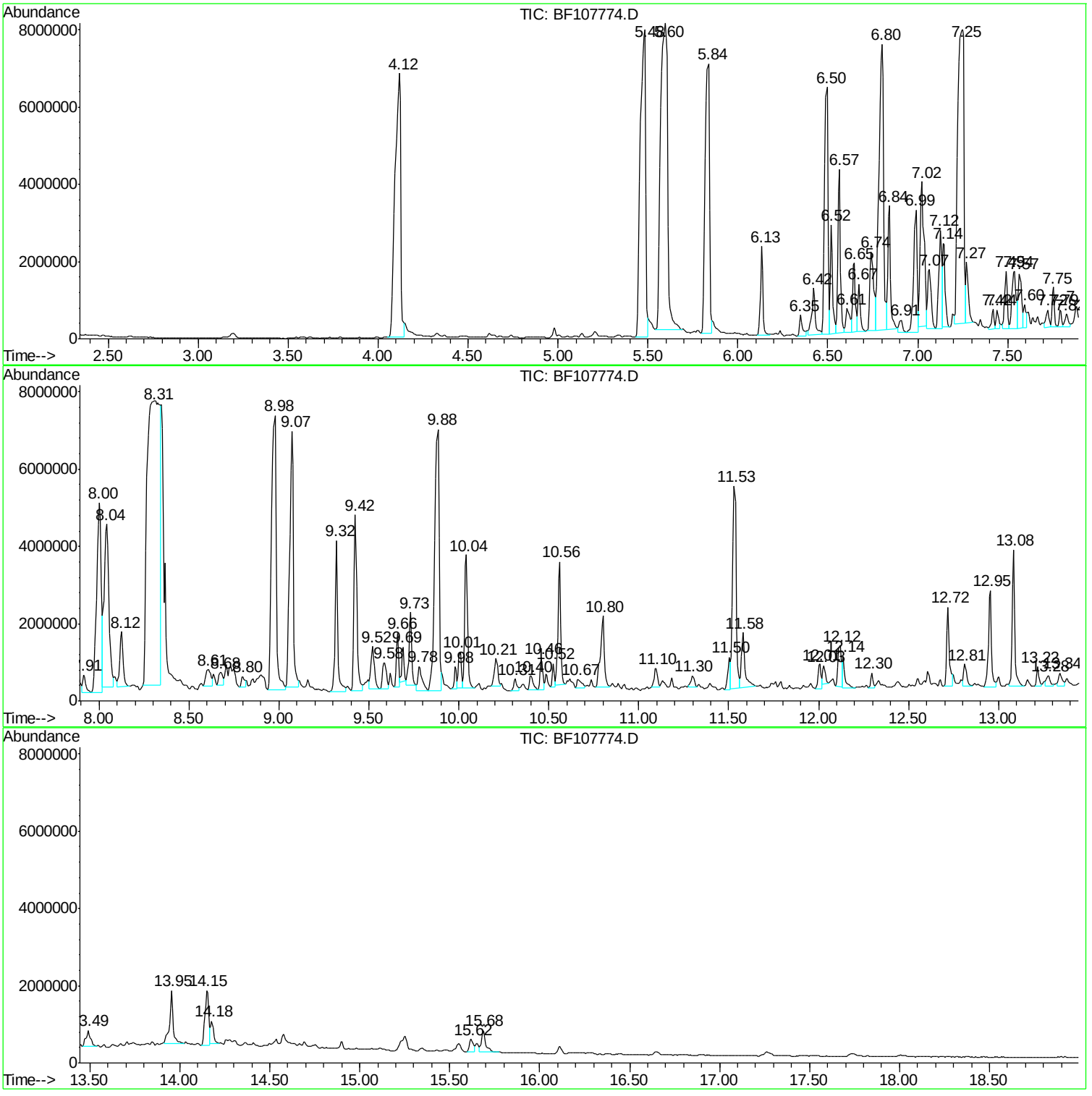
Sum of corrected areas: 311352129

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072718\
Data File : BF107774.D
Acq On : 28 Jul 2018 4:42
Operator : JU/SJ
Sample : J4184-07
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-2B

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 : BF107774.D
Acq On : 28 Jul 2018 4:42
Operator : JU/SJ
Sample : J4184-07
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-2B

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

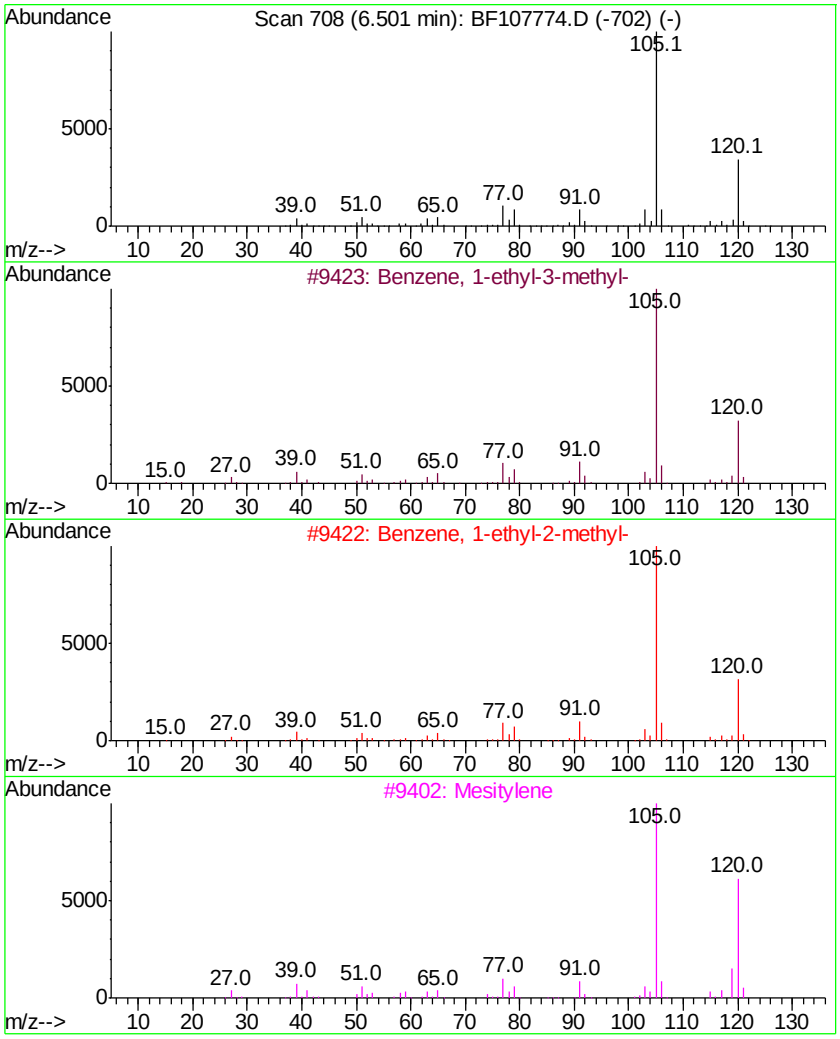
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

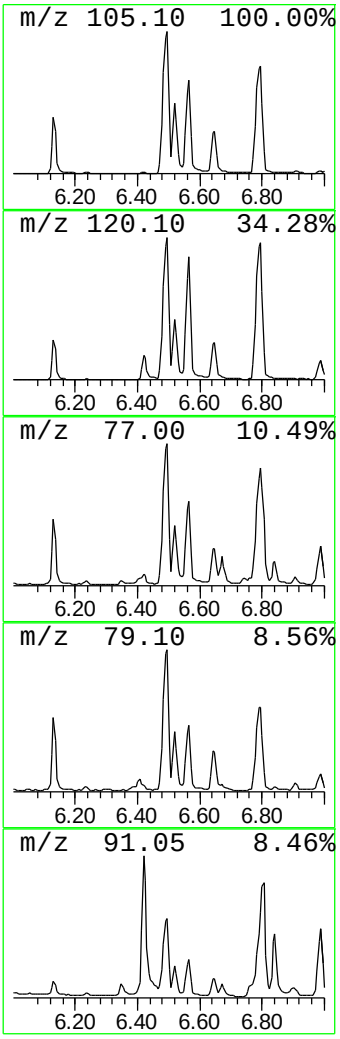
****

Peak Number 4 Benzene, 1-ethyl-3-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.50	40.42 ng	7876580	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	97
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
3	Mesitylene	120	C9H12	000108-67-8	91
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072718\
Data File : BF107774.D
Acq On : 28 Jul 2018 4:42
Operator : JU/SJ
Sample : J4184-07
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-2B

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

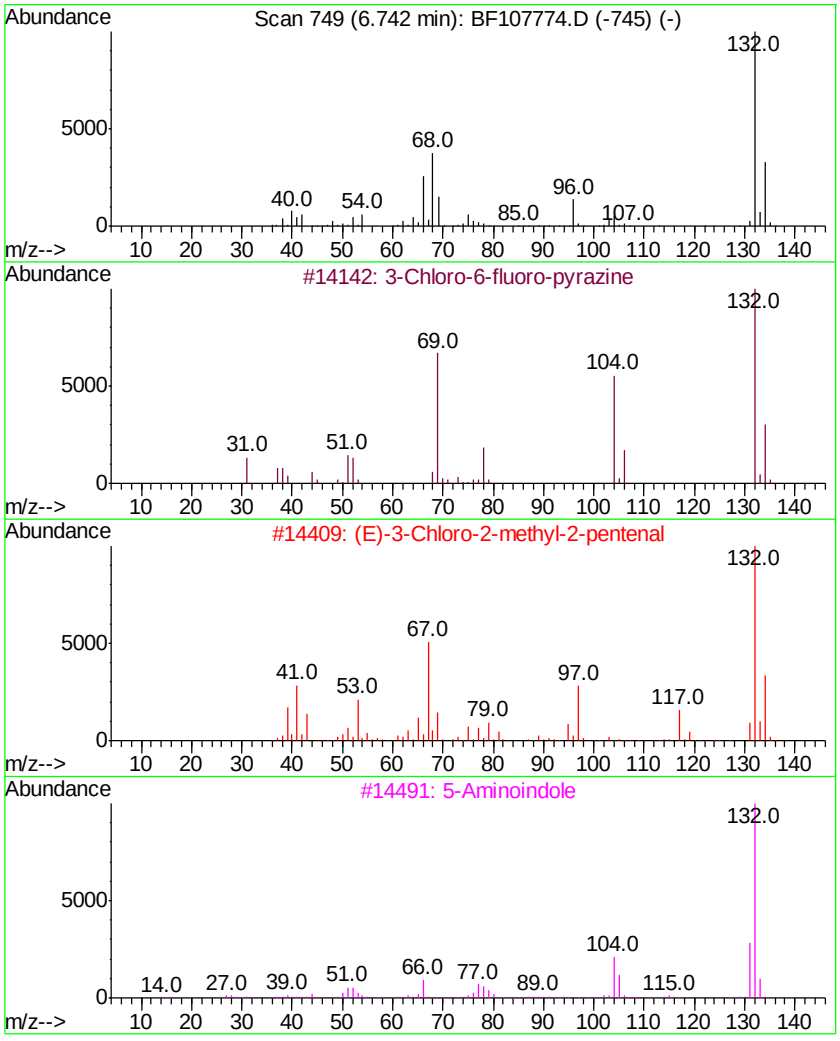
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

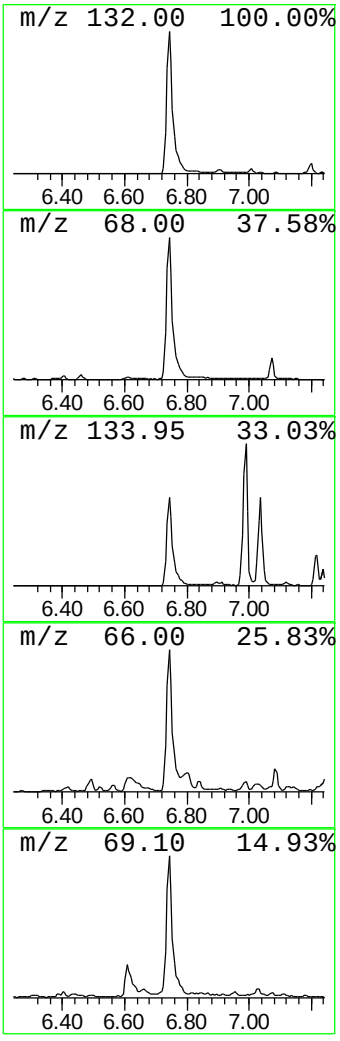
****

Peak Number 5 unknown6.74 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.74	15.69 ng	3058470	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	35
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072718\
Data File : BF107774.D
Acq On : 28 Jul 2018 4:42
Operator : JU/SJ
Sample : J4184-07
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-2B

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

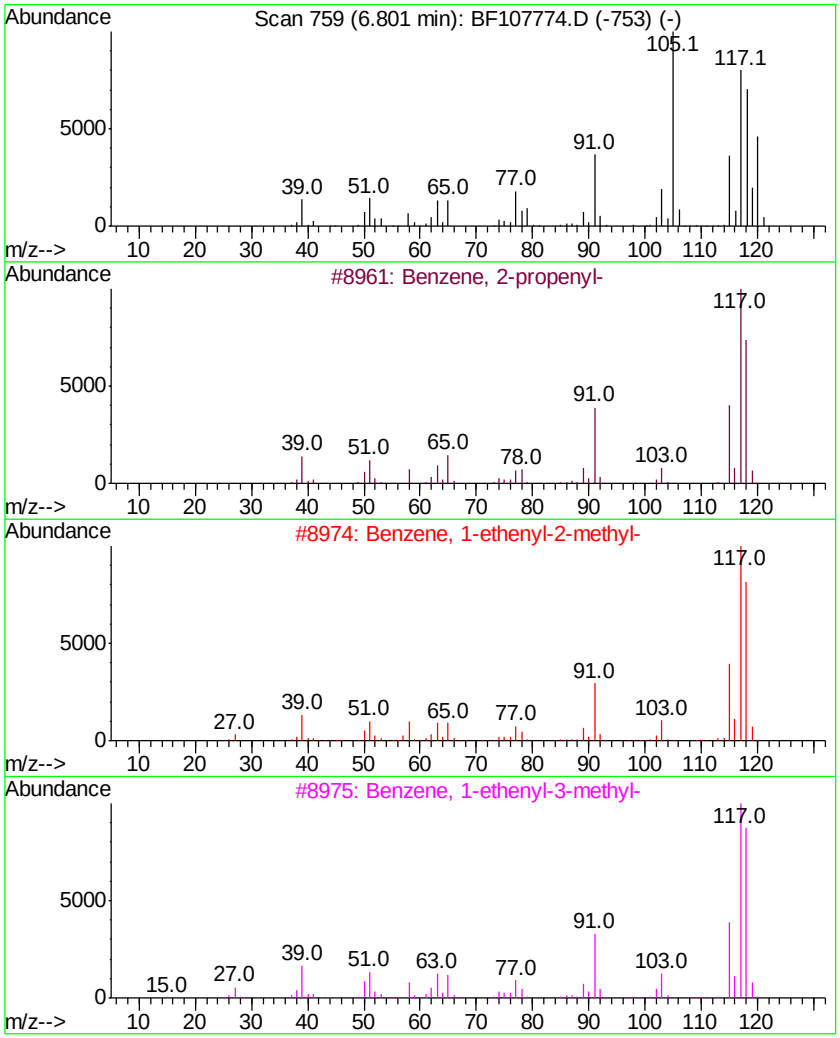
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

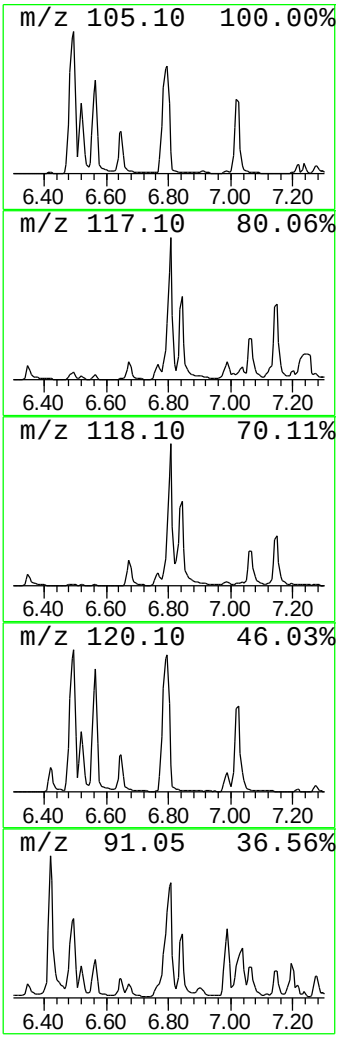
****

Peak Number 6 Benzene, 2-propenyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.80	70.04 ng	13648400	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-propenyl-	118	C9H10	000300-57-2	87
2	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	55
3	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	55
4	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	55
5	Benzene, 1-propenyl-	118	C9H10	000637-50-3	49





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072718\
Data File : BF107774.D
Acq On : 28 Jul 2018 4:42
Operator : JU/SJ
Sample : J4184-07
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-2B

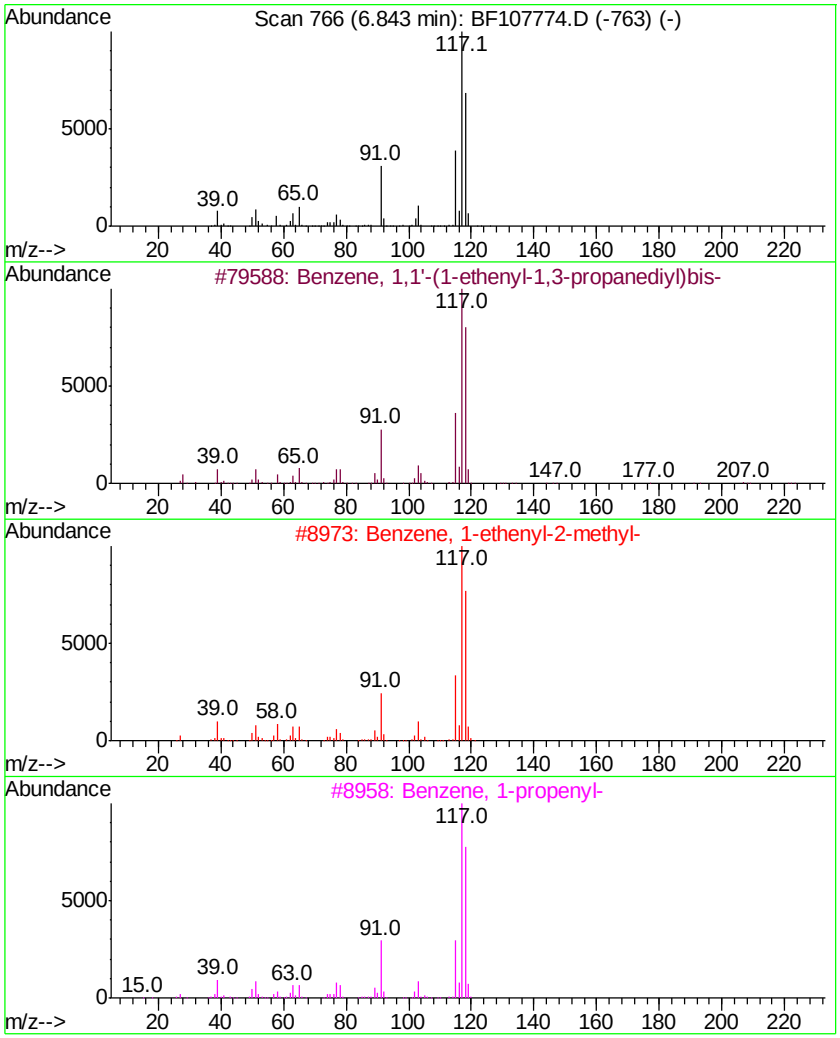
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

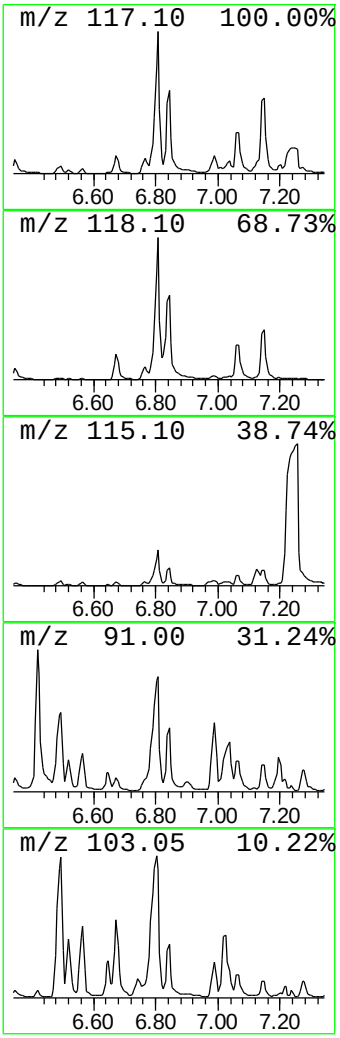
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Benzene, 1,1'-(1-ethenyl-1,... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.84	17.76 ng	3460530	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,1'-(1-ethenyl-1,3-pro...	222	C17H18	061141-97-7	90
2	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	81
3	Benzene, 1-propenyl-	118	C9H10	000637-50-3	81
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	81
5	Benzene, 2-propenyl-	118	C9H10	000300-57-2	76





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072718\
Data File : BF107774.D
Acq On : 28 Jul 2018 4:42
Operator : JU/SJ
Sample : J4184-07
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-2B

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

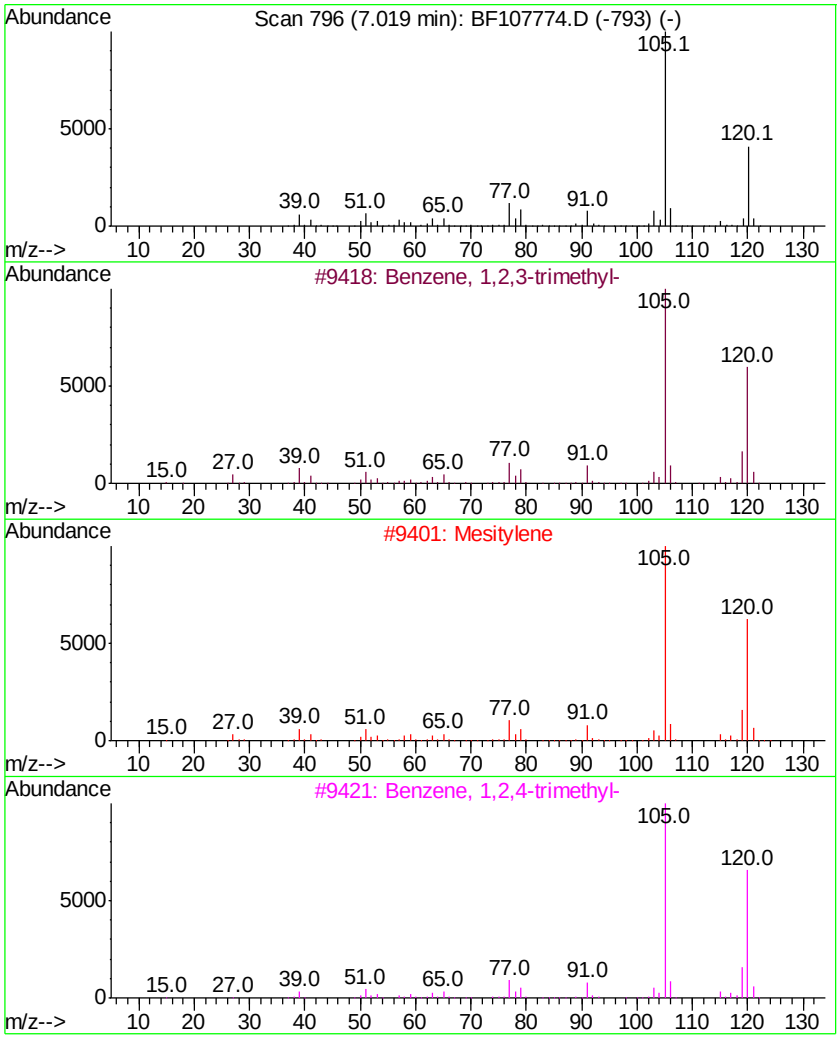
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

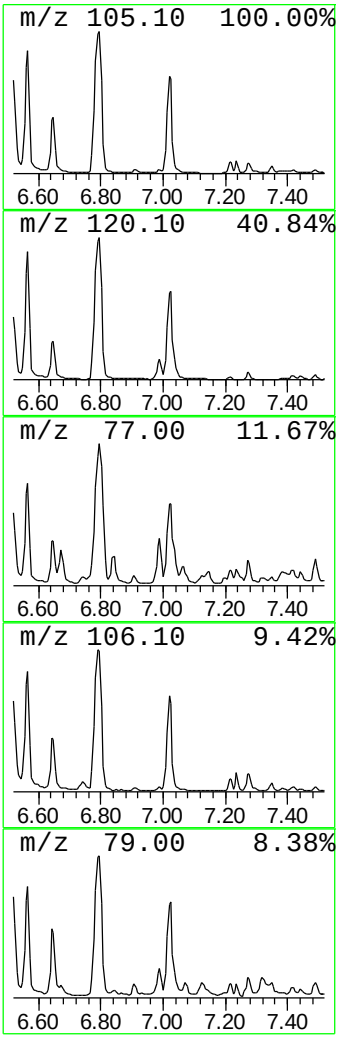
****

Peak Number 8 Benzene, 1,2,3-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.02	29.84 ng	5815290	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	93
2	Mesitylene	120	C9H12	000108-67-8	90
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	87
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	87
5	2,4-Nonadiyne	120	C9H12	063621-15-8	83





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072718\
Data File : BF107774.D
Acq On : 28 Jul 2018 4:42
Operator : JU/SJ
Sample : J4184-07
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-2B

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

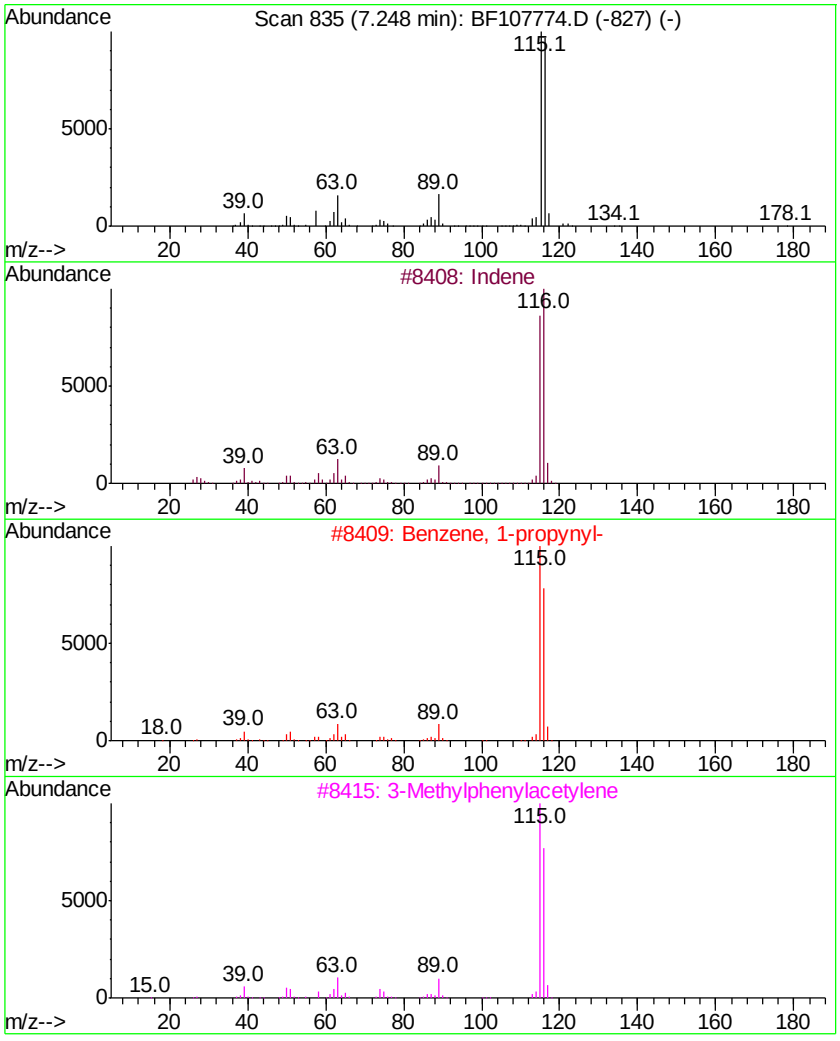
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

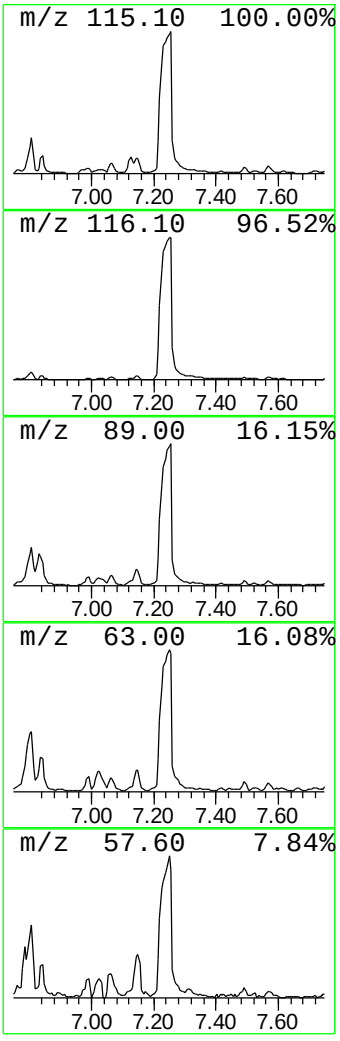
****

Peak Number 10 Indene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.25	93.69 ng	18257900	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	93
2	Benzene, 1-propynyl-	116	C9H8	000673-32-5	91
3	3-Methylphenylacetylene	116	C9H8	000766-82-5	91
4	1-Propyne, 3-phenyl-	116	C9H8	010147-11-2	91
5	Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072718\
Data File : BF107774.D
Acq On : 28 Jul 2018 4:42
Operator : JU/SJ
Sample : J4184-07
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-2B

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

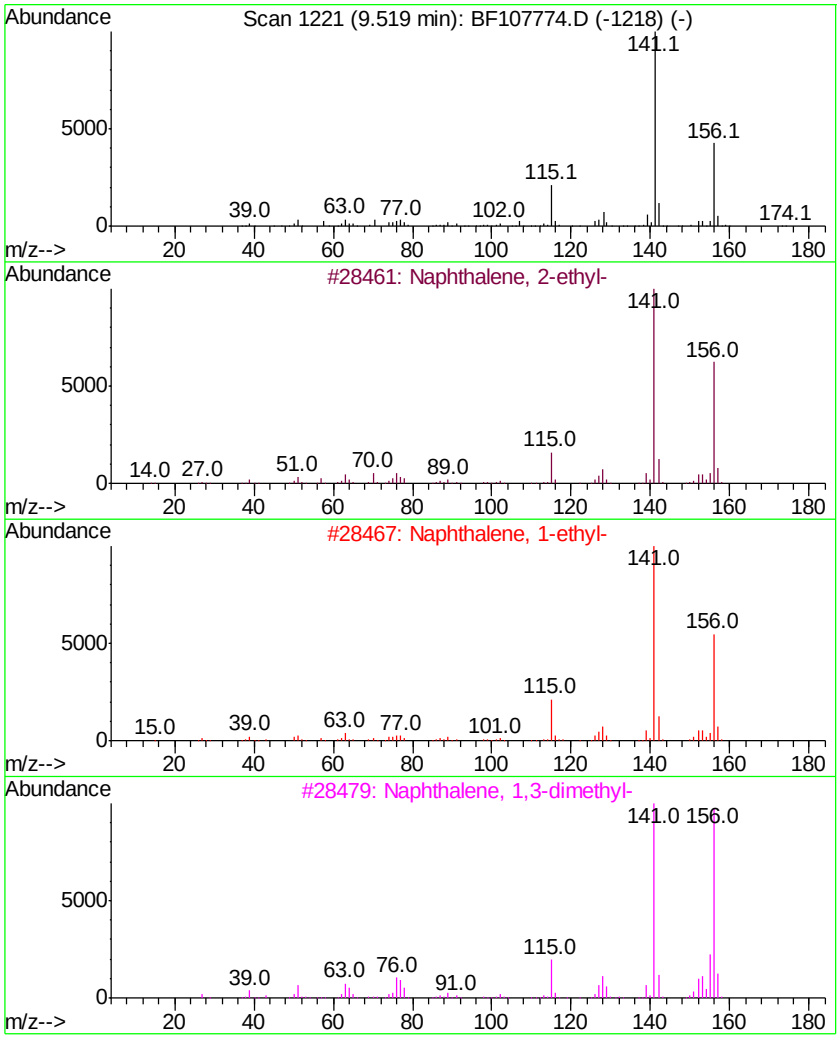
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

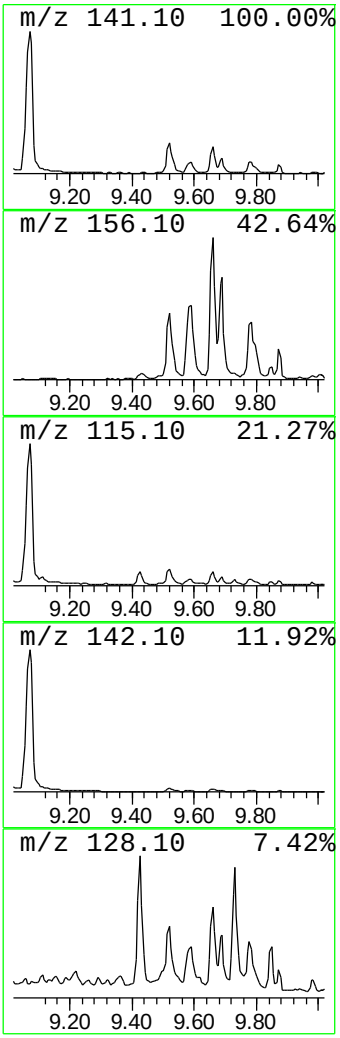
****

Peak Number 11 Naphthalene, 2-ethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.52	31.99 ng	1514710	Acenaphthene-d10	10.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	91
2	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	91
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	64
4	Benzaldehyde, 3-methoxy-4-(1-nap...	292	C19H16O3	1000338-37-2	50
5	1-Ethanone, 1-[4-(1-naphthalenyl...	276	C19H16O2	1000338-30-5	50





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072718\
Data File : BF107774.D
Acq On : 28 Jul 2018 4:42
Operator : JU/SJ
Sample : J4184-07
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-2B

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

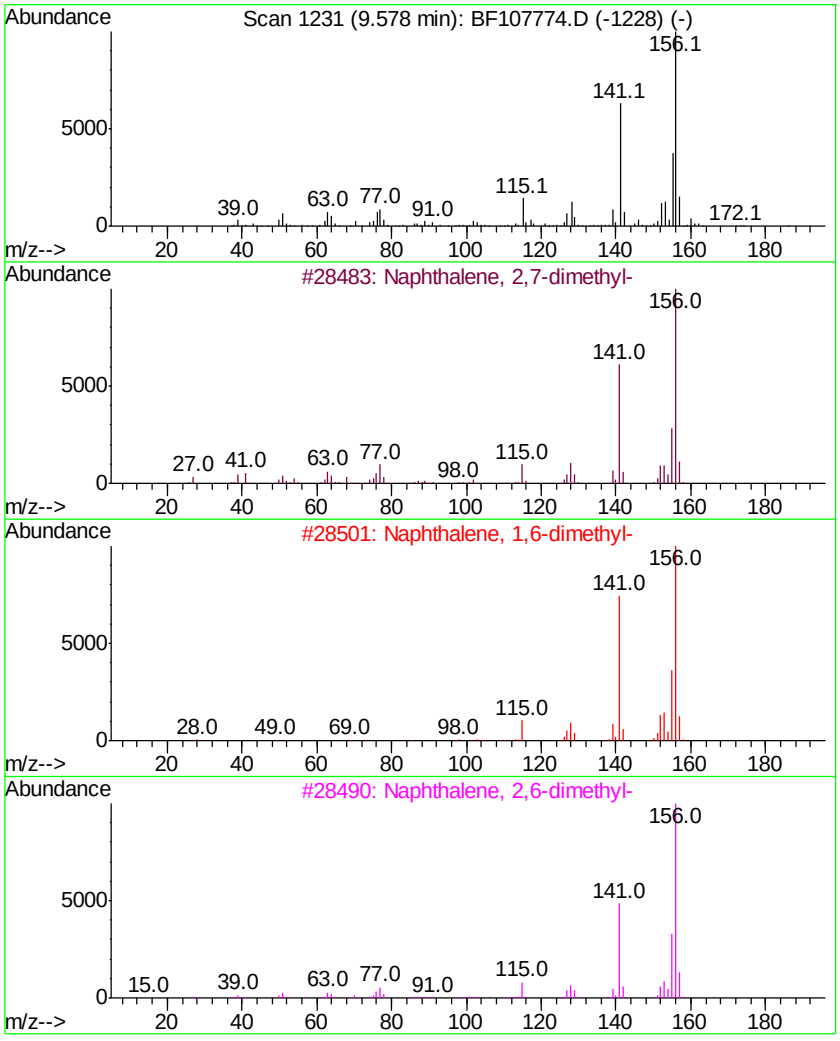
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

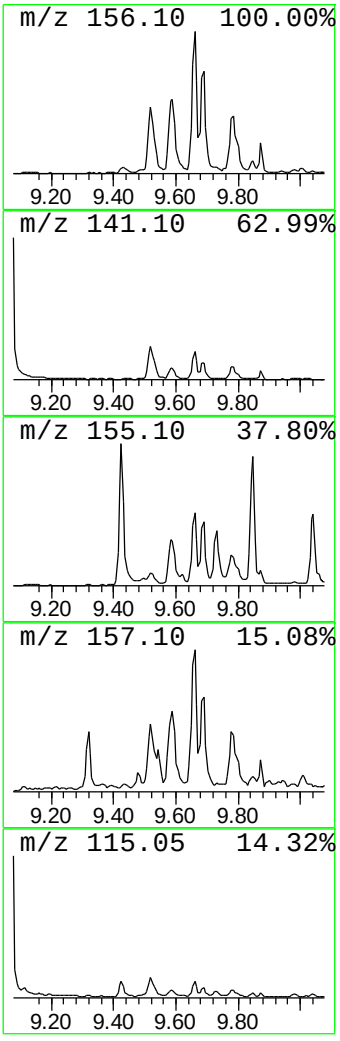
****

Peak Number 12 Naphthalene, 2,7-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.58	22.04 ng	1043930	Acenaphthene-d10	10.01

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





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072718\
Data File : BF107774.D
Acq On : 28 Jul 2018 4:42
Operator : JU/SJ
Sample : J4184-07
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-2B

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

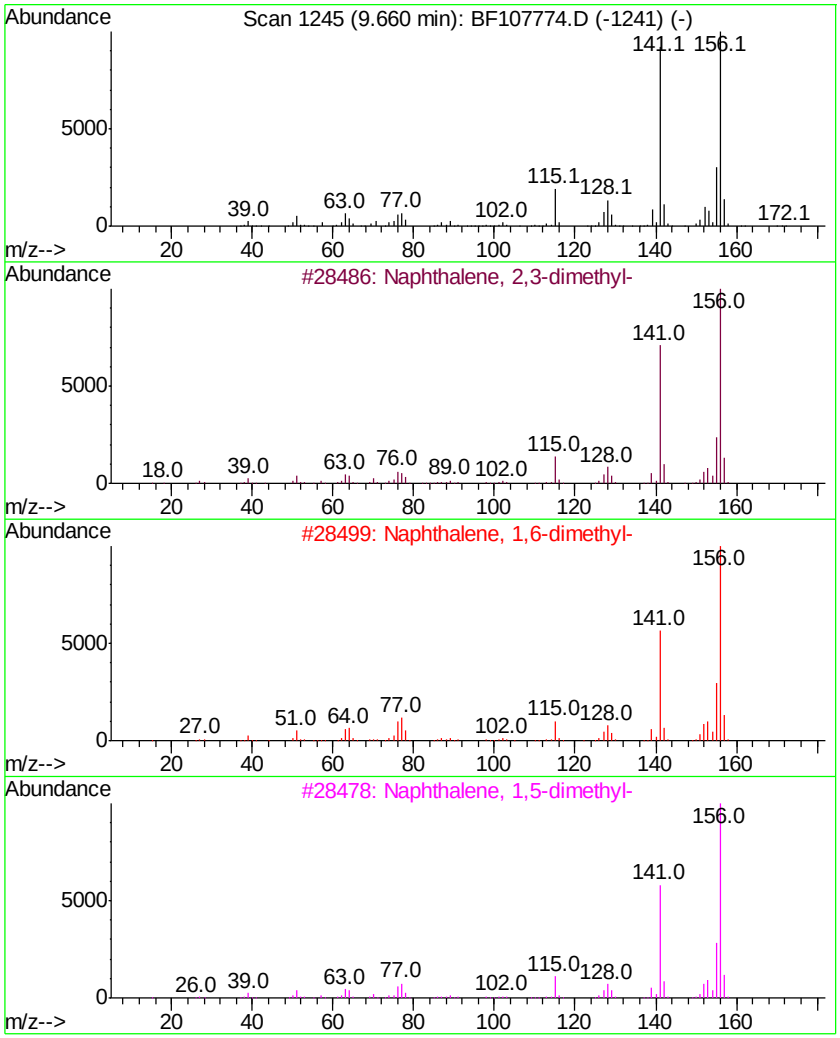
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

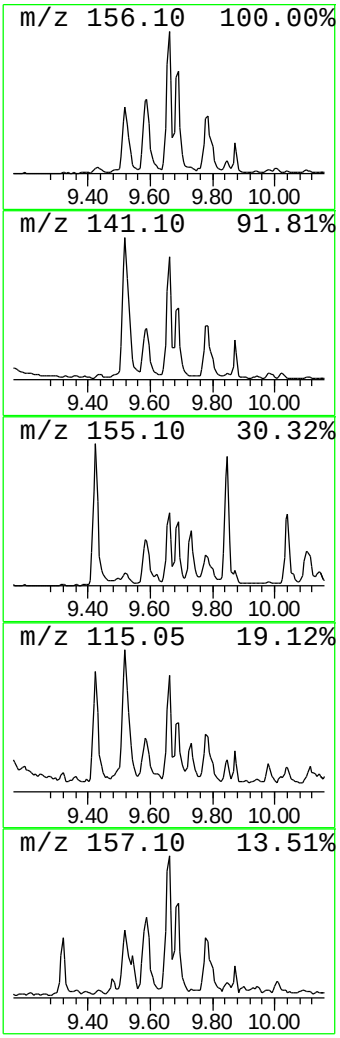
****

Peak Number 13 Naphthalene, 2,3-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.66	29.53 ng	1398440	Acenaphthene-d10	10.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	94
3	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	94
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	93
5	Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	93





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072718\
Data File : BF107774.D
Acq On : 28 Jul 2018 4:42
Operator : JU/SJ
Sample : J4184-07
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-2B

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

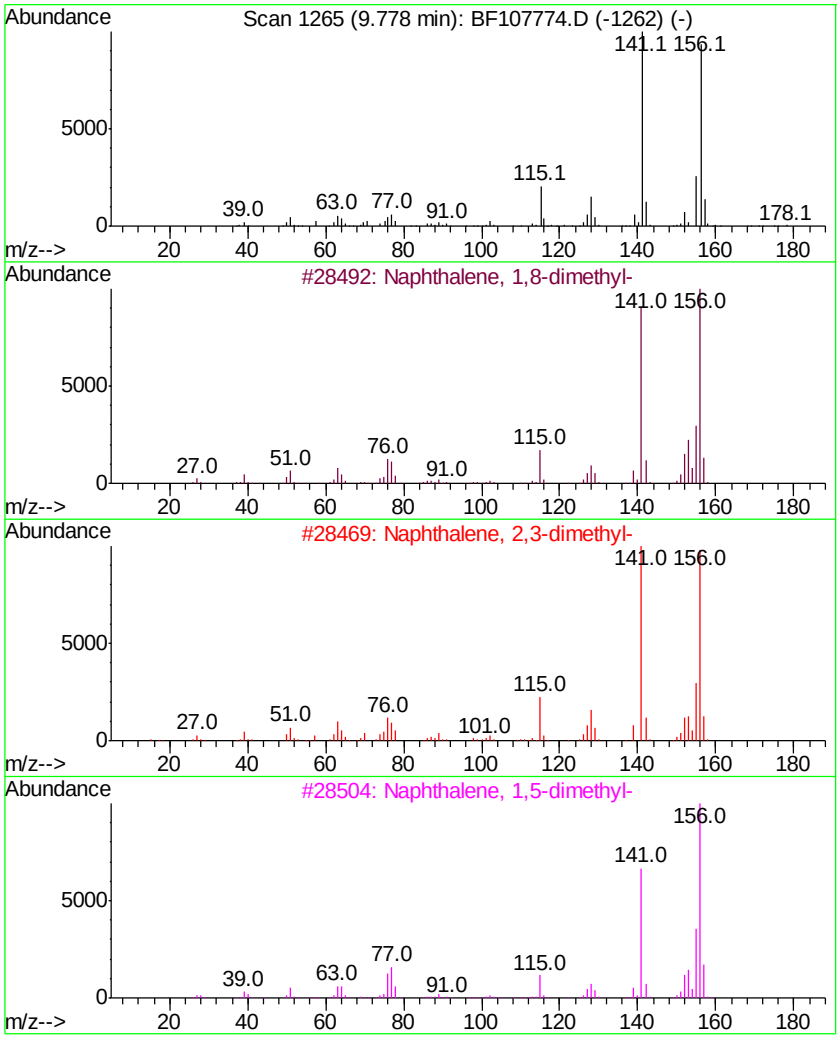
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

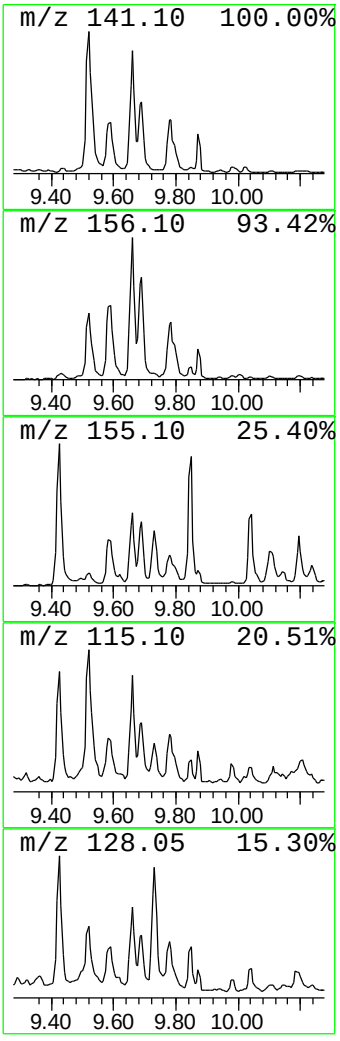
****

Peak Number 14 Naphthalene, 1,8-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.78	23.62 ng	1118380	Acenaphthene-d10	10.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	94
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	94
3	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	94
4	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	91
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072718\
Data File : BF107774.D
Acq On : 28 Jul 2018 4:42
Operator : JU/SJ
Sample : J4184-07
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-2B

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

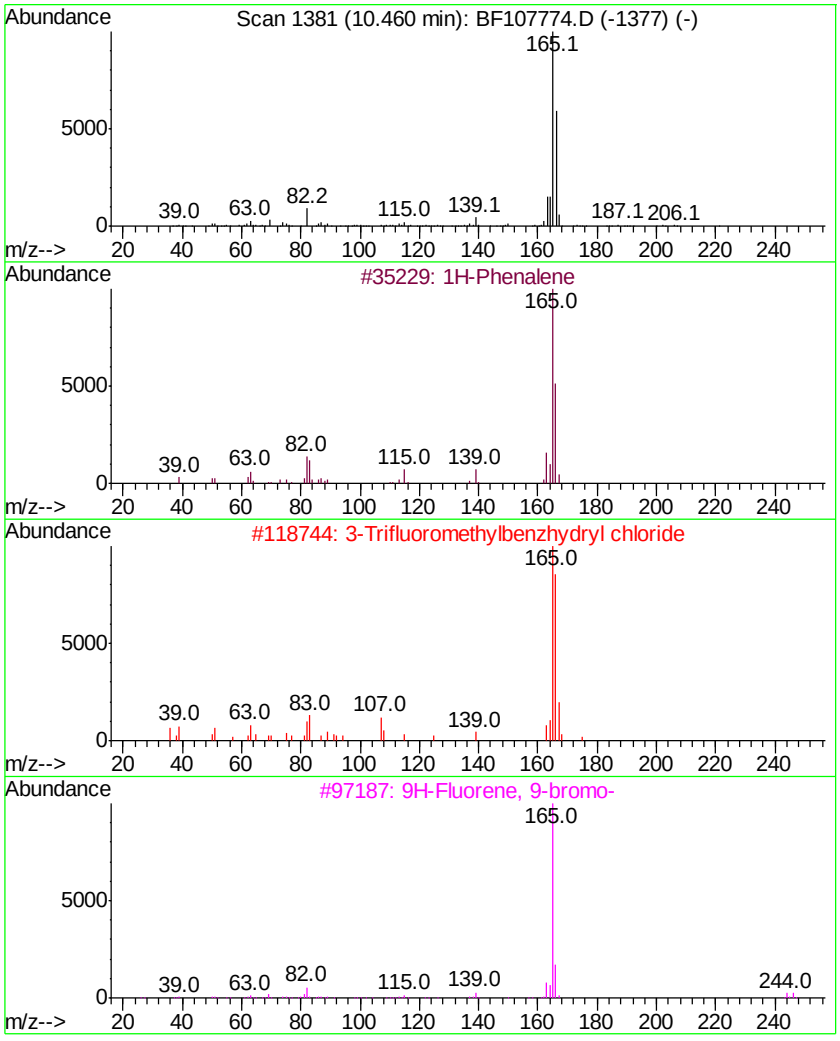
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

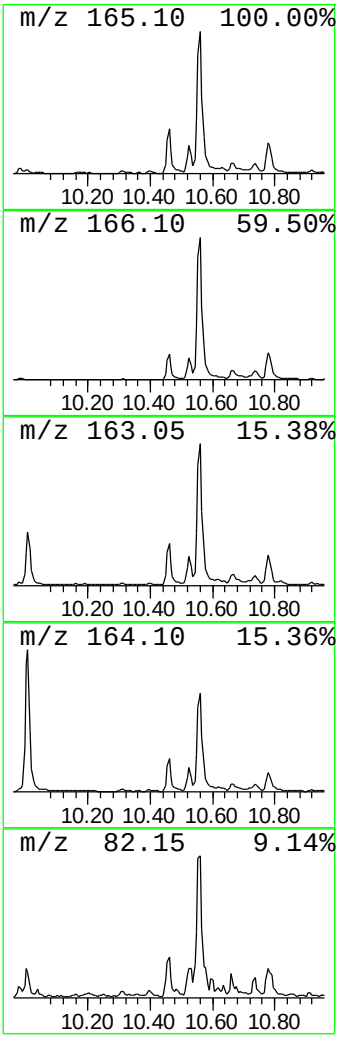
****

Peak Number 15 1H-Phenalene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.46	15.96 ng	755852	Acenaphthene-d10	10.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Phenalene	166	C13H10	000203-80-5	86
2	3-Trifluoromethylbenzhydryl chlo...	270	C14H10ClF3	067240-79-3	64
3	9H-Fluorene, 9-bromo-	244	C13H9Br	001940-57-4	53
4	Fluorene, 9-chloro-	200	C13H9Cl	006630-65-5	45
5	Fluorene	166	C13H10	000086-73-7	43





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072718\
Data File : BF107774.D
Acq On : 28 Jul 2018 4:42
Operator : JU/SJ
Sample : J4184-07
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-2B

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

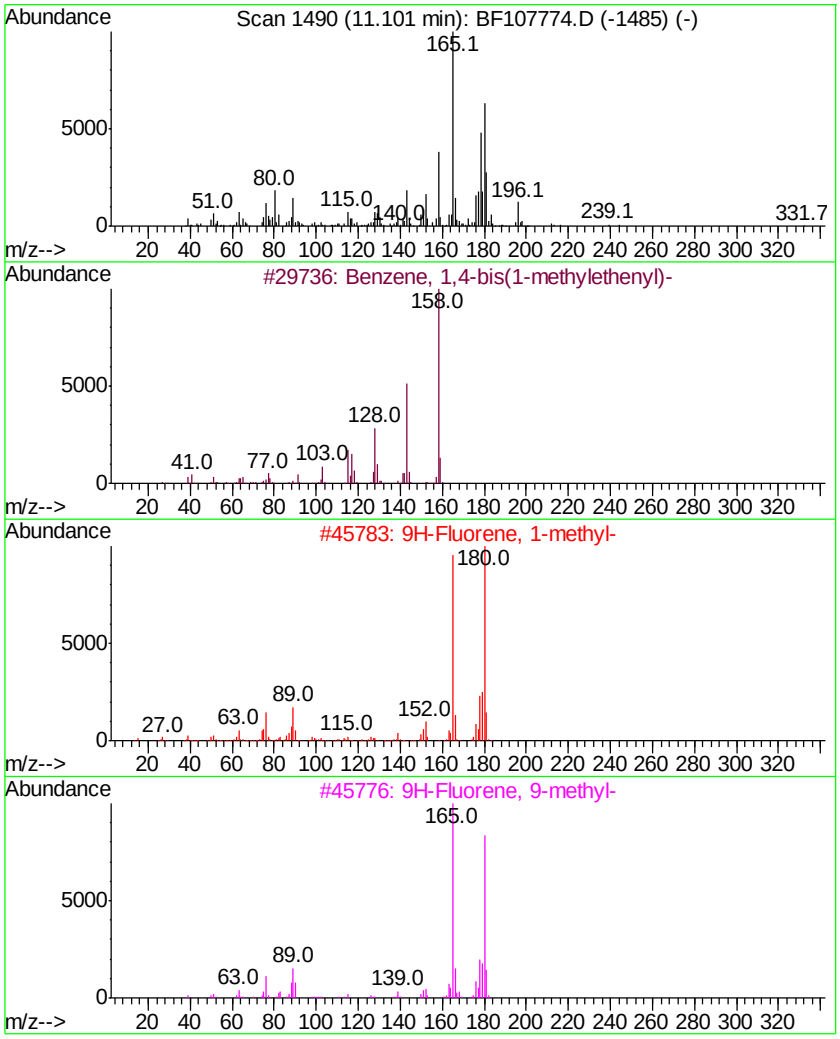
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

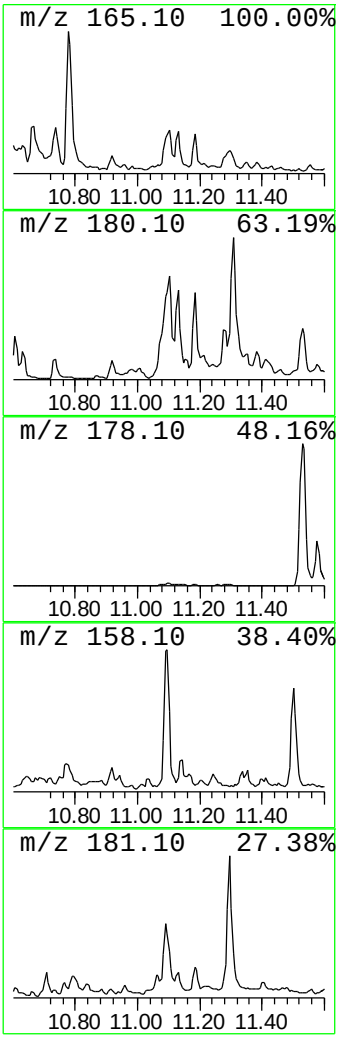
****

Peak Number 16 unknown11.10 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.10	17.12 ng	689262	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-bis(1-methylethenyl)-	158	C12H14	001605-18-1	35
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	35
3	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	35
4	4a,9a-Methano-9H-fluorene	180	C14H12	019540-84-2	35
5	2-Fluorenamine	181	C13H11N	000153-78-6	25





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072718\
Data File : BF107774.D
Acq On : 28 Jul 2018 4:42
Operator : JU/SJ
Sample : J4184-07
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-2B

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

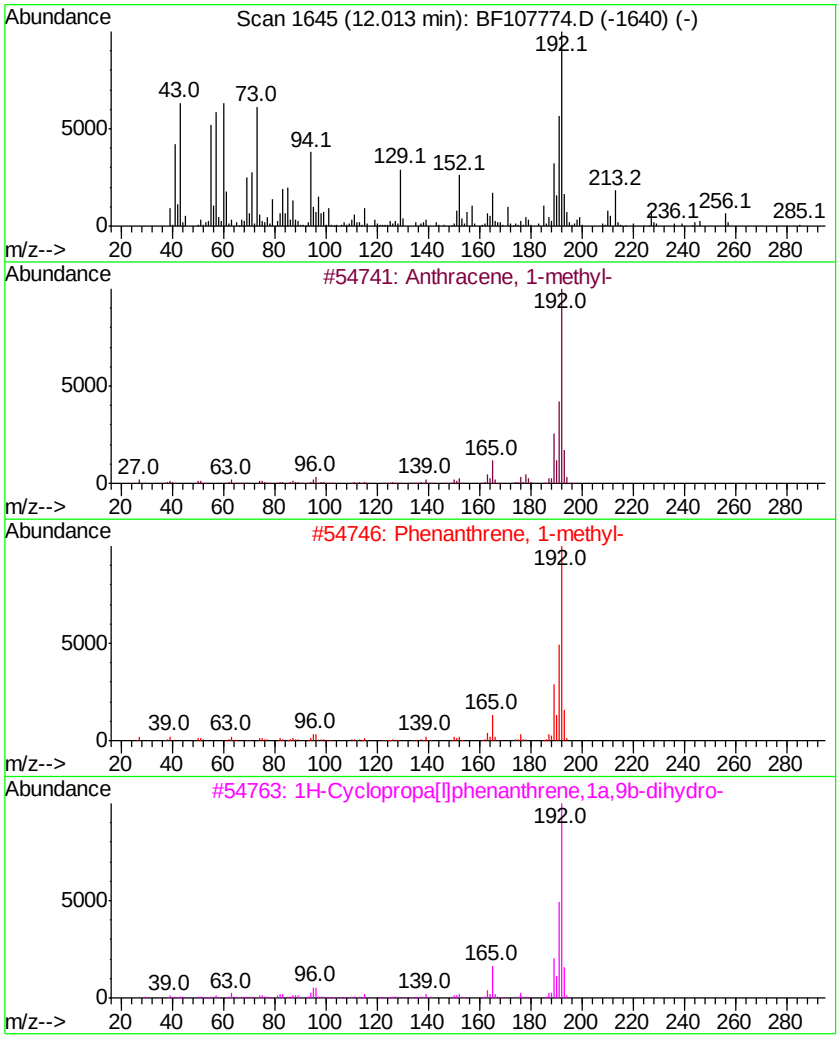
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

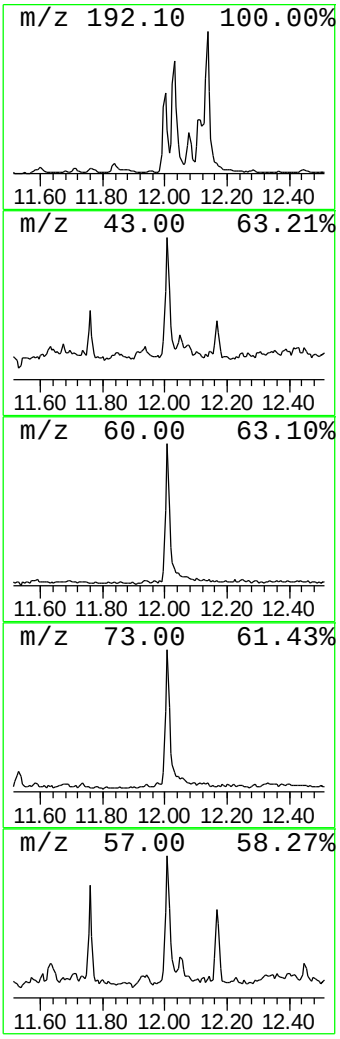
****

Peak Number 17 Anthracene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.01	20.63 ng	830580	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	92
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072718\
Data File : BF107774.D
Acq On : 28 Jul 2018 4:42
Operator : JU/SJ
Sample : J4184-07
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-2B

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

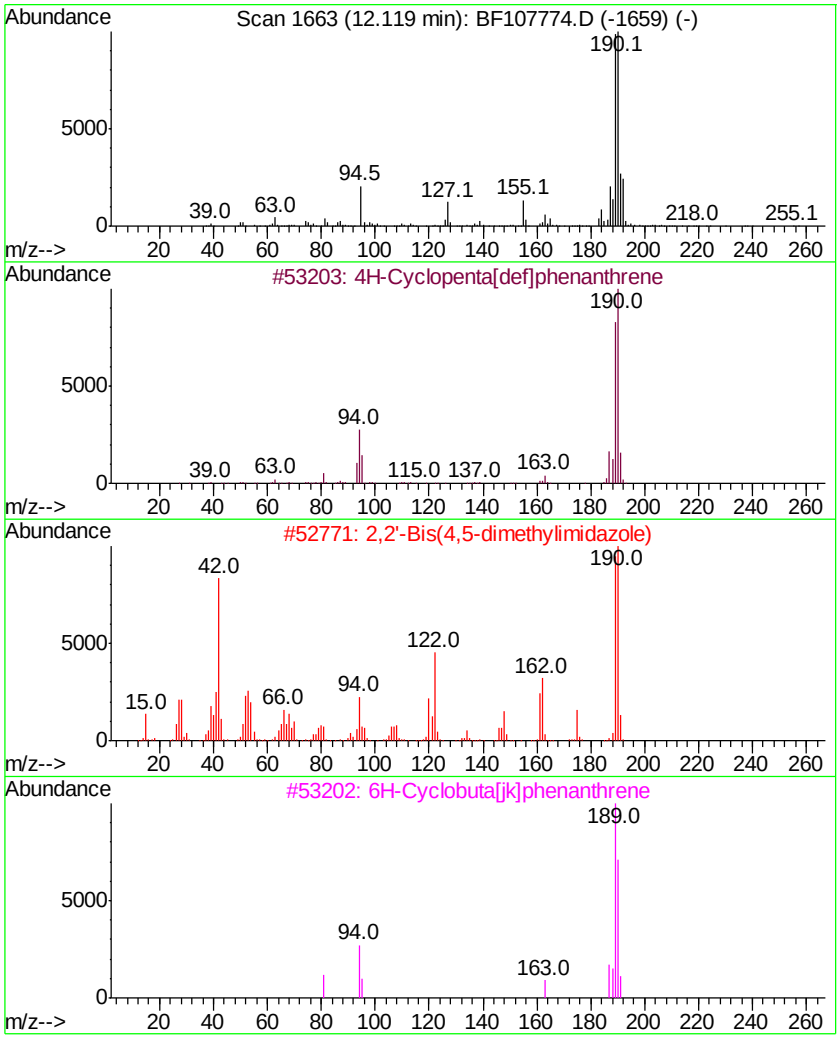
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

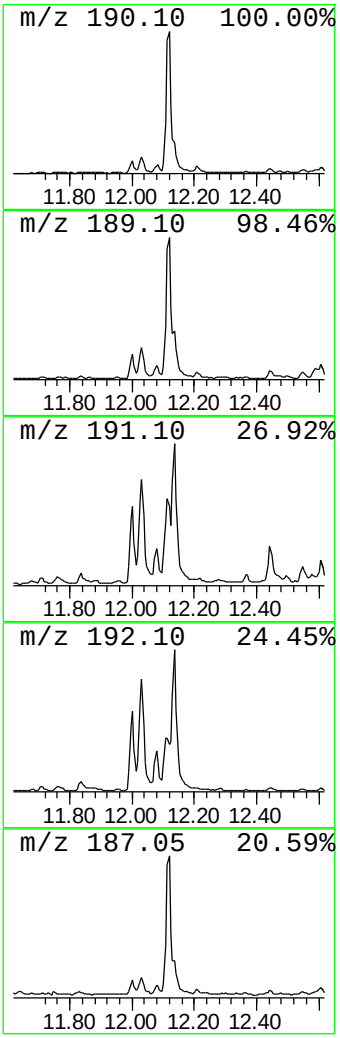
****

Peak Number 18 4H-Cyclopenta[def]phenanthrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.12	35.02 ng	1409510	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	62
2	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	42
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	42
4	Cyclohexanone, 2-(2-furanylmethy...	190	C12H14O2	056053-07-7	22
5	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	17





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072718\
Data File : BF107774.D
Acq On : 28 Jul 2018 4:42
Operator : JU/SJ
Sample : J4184-07
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-2B

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

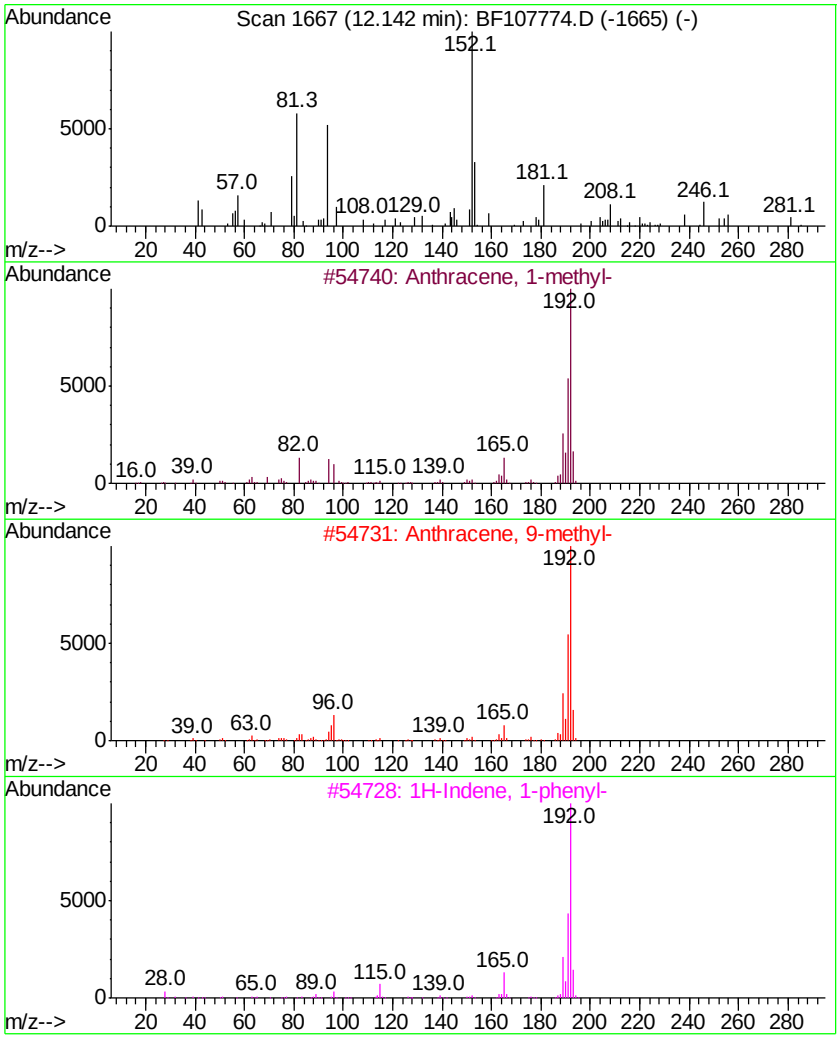
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

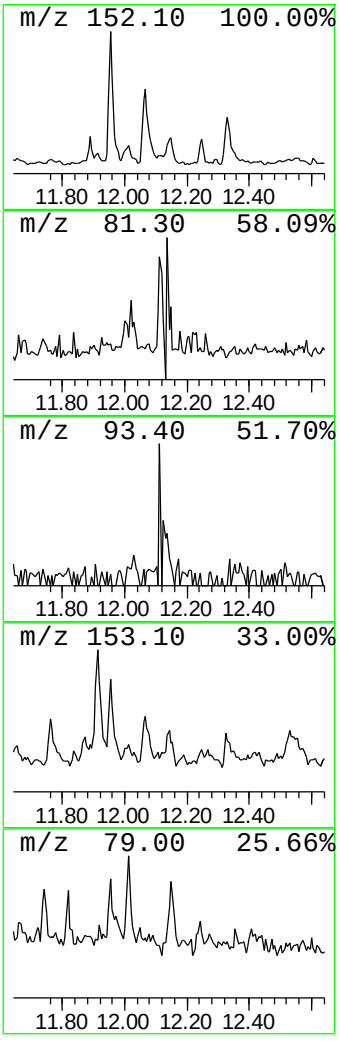
****

Peak Number 19 Anthracene, 1-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.14	17.84 ng	717968	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	86
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	83
3	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	80
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	80
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	80





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072718\
Data File : BF107774.D
Acq On : 28 Jul 2018 4:42
Operator : JU/SJ
Sample : J4184-07
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-2B

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

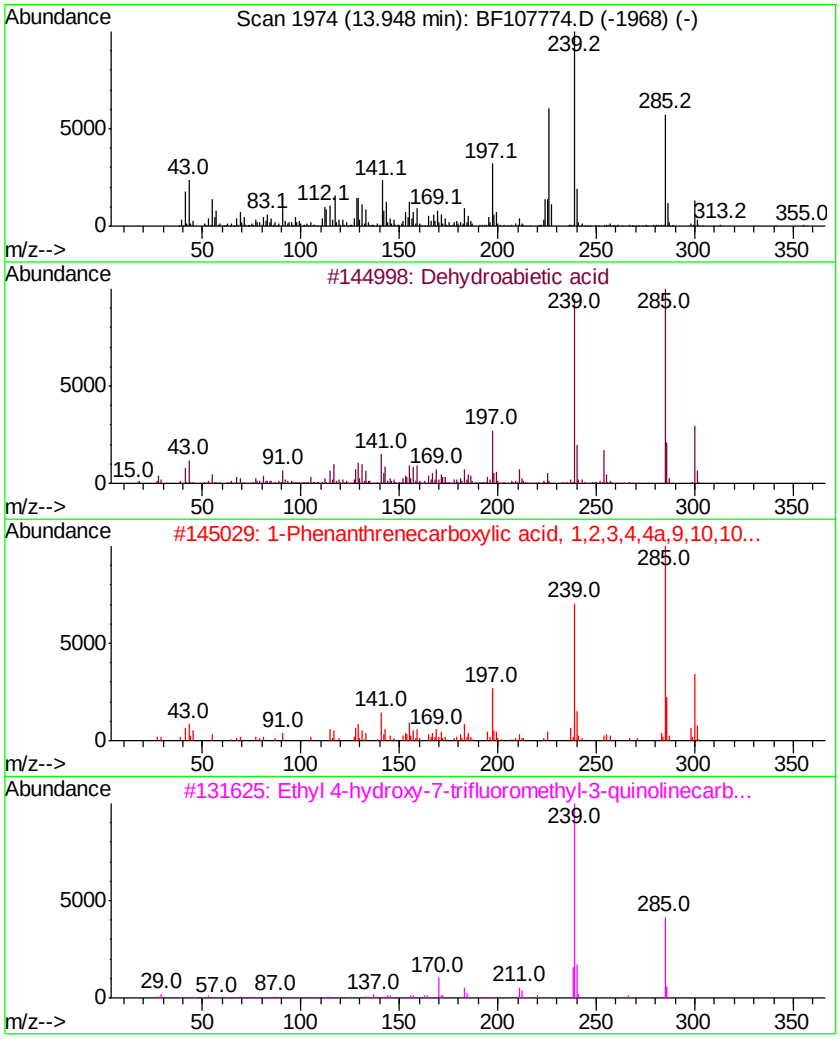
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

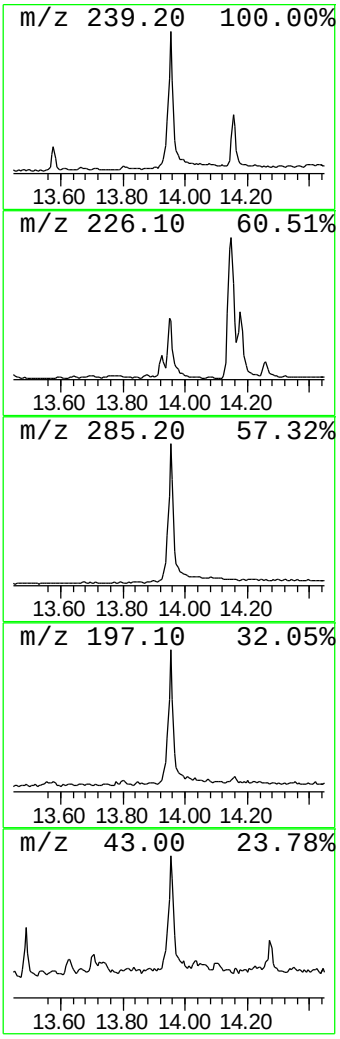
****

Peak Number 20 Dehydroabietic acid Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.95	18.28 ng	1890750	Chrysene-d12	14.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dehydroabietic acid	300	C20H28O2	001740-19-8	91
2	1-Phenanthrenecarboxylic acid, 1...	300	C20H28O2	005155-70-4	83
3	Ethyl 4-hydroxy-7-trifluoromethy...	285	C13H10F3NO3	000391-02-6	49
4	3-Quinolinecarboxylic acid, 4-hy...	285	C13H10F3NO3	023851-84-5	47
5	Quinoline-3-carbonitrile, 1,2-di...	239	C14H13N3O	209617-30-1	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072718\
Data File : BF107774.D
Acq On : 28 Jul 2018 4:42
Operator : JU/SJ
Sample : J4184-07
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-2B

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
Benzene, 1-ethyl-...	6.50	40.4	ng	7876580	1	6.97	3897400	20.0
unknown6.74	6.74	15.7	ng	3058470	1	6.97	3897400	20.0
Benzene, 2-propenyl-	6.80	70.0	ng	13648400	1	6.97	3897400	20.0
Benzene, 1,1'-(1-...	6.84	17.8	ng	3460530	1	6.97	3897400	20.0
Benzene, 1,2,3-tr...	7.02	29.8	ng	5815290	1	6.97	3897400	20.0
Indene	7.25	93.7	ng	18257900	1	6.97	3897400	20.0
Naphthalene, 2-et...	9.52	32.0	ng	1514710	3	10.01	947131	20.0
Naphthalene, 2,7-...	9.58	22.0	ng	1043930	3	10.01	947131	20.0
Naphthalene, 2,3-...	9.66	29.5	ng	1398440	3	10.01	947131	20.0
Naphthalene, 1,8-...	9.78	23.6	ng	1118380	3	10.01	947131	20.0
1H-Phenalene	10.46	16.0	ng	755852	3	10.01	947131	20.0
unknown11.10	11.10	17.1	ng	689262	4	11.50	805039	20.0
Anthracene, 1-met...	12.01	20.6	ng	830580	4	11.50	805039	20.0
4H-Cyclopenta[def...	12.12	35.0	ng	1409510	4	11.50	805039	20.0
Anthracene, 1-met...	12.14	17.8	ng	717968	4	11.50	805039	20.0
Dehydroabietic acid	13.95	18.3	ng	1890750	5	14.15	2068620	20.0