LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101520\
Data File : BF122000.D
Acq On : 15 Oct 2020 19:50
Operator : JU/CG
Sample : L4392-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2

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-BF101220.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF122000.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.745	277	282	292	rVB	33586	52426	2.14%	0.146%
2	5.363	554	557	578	rVB	2259919	2317947	94.46%	6.447%
3	5.575	590	593	603	rBV2	70374	89901	3.66%	0.250%
4	6.386	727	731	741	rBV	2260953	2415276	98.42%	6.717%
5	6.457	741	743	750	rVB5	32342	42726	1.74%	0.119%
6	6.575	757	763	764	rBV3	68723	83213	3.39%	0.231%
7	6.739	788	791	798	rVB	768669	653030	26.61%	1.816%
8	7.004	832	836	842	rBV	63663	82582	3.37%	0.230%
9	7.310	884	888	891	rBV	1746608	1550470	63.18%	4.312%
10	7.551	926	929	932	rBV2	80866	78039	3.18%	0.217%
11	7.610	935	939	943	rVV3	42532	63288	2.58%	0.176%
12	7.663	945	948	952	rVB4	36361	52297	2.13%	0.145%
13	7.769	959	966	970	rBV2	64304	125878	5.13%	0.350%
14	7.845	977	979	984	rVB	42959	44066	1.80%	0.123%
15	7.928	991	993	997	rBV	53280	46827	1.91%	0.130%
16	7.963	997	999	1003	rBV4	56029	59537	2.43%	0.166%
17	8.027	1003	1010	1012	rBV	881803	865662	35.28%	2.408%
18	8.051	1012	1014	1016	rVB2	216165	171336	6.98%	0.477%
19	8.316	1057	1059	1062	rVB3	85891	72663	2.96%	0.202%
20	8.404	1071	1074	1077	rBV3	54132	59190	2.41%	0.165%
21	8.445	1077	1081	1082	rBV2	35963	51849	2.11%	0.144%
22	8.463	1082	1084	1086	rVV2	49798	49772	2.03%	0.138%
23	8.480	1086	1087	1091	rVB2	108339	87033	3.55%	0.242%
24	8.651	1111	1116	1118	rBV5	59129	109222	4.45%	0.304%
25	8.739	1129	1131	1133	rBV	76410	51203	2.09%	0.142%
26	8.763	1133	1135	1138	rVB4	82547	74041	3.02%	0.206%
27	8.798	1138	1141	1143	rBV3	61039	65126	2.65%	0.181%
28	8.839	1144	1148	1154	rBV2	75661	123024	5.01%	0.342%
29	8.974	1169	1171	1173	rBV3	51718	47551	1.94%	0.132%
30	9.010	1175	1177	1180	rVB3	125604	114230	4.65%	0.318%
31	9.045	1180	1183	1186	rVB4	88610	94909	3.87%	0.264%
32	9.098	1187	1192	1196	rBV	2589074	2454012	100.00%	6.825%
33	9.174	1202	1205	1208	rVB3	247914	254319	10.36%	0.707%
34	9.374	1236	1239	1241	rBV4	87980	115065	4.69%	0.320%
35	9.433	1247	1249	1252	rBV3	77518	73500	3.00%	0.204%
36	9.498	1255	1260	1264	rBV2	554033	716941	29.22%	1.994%

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Instrument : BNA_F
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Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
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Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	9.551	1267	1269	1271	rVB	141926	109887	4.48%	0.306%
38	9.639	1281	1284	1287	rBV	606148	542509	22.11%	1.509%
39	9.686	1289	1292	1294	rVB	453879	414556	16.89%	1.153%
40	9.727	1294	1299	1300	rBV3	123135	167219	6.81%	0.465%
41	9.757	1300	1304	1305	rBV2	312829	306663	12.50%	0.853%
42	9.774	1305	1307	1310	rVB	905915	842249	34.32%	2.342%
43	9.810	1310	1313	1316	rBV	860634	712053	29.02%	1.980%
44	9.980	1340	1342	1347	rVB4	163111	155852	6.35%	0.433%
45	10.021	1347	1349	1353	rVB2	121315	121143	4.94%	0.337%
46	10.092	1358	1361	1367	rBV3	345739	482819	19.67%	1.343%
47	10.180	1373	1376	1378	rBV2	425590	444911	18.13%	1.237%
48	10.233	1383	1385	1387	rVV	112592	85102	3.47%	0.237%
49	10.321	1397	1400	1406	rVB2	391000	483278	19.69%	1.344%
50	10.374	1407	1409	1410	rBV	139384	103325	4.21%	0.287%
51	10.433	1417	1419	1422	rBV2	166686	153987	6.27%	0.428%
52	10.569	1439	1442	1446	rBV	1392279	1218725	49.66%	3.389%
53	10.692	1460	1463	1469	rVB4	234433	322096	13.13%	0.896%
54	10.763	1473	1475	1477	rBV	120159	98852	4.03%	0.275%
55	10.868	1490	1493	1496	rBV2	184981	232603	9.48%	0.647%
56	10.904	1496	1499	1502	rVV2	170983	152905	6.23%	0.425%
57	10.957	1506	1508	1510	rVB	222455	172731	7.04%	0.480%
58	11.004	1514	1516	1518	rBV2	151092	139812	5.70%	0.389%
59	11.263	1557	1560	1562	rBV	918373	817837	33.33%	2.275%
60	11.286	1562	1564	1567	rVV	322772	269984	11.00%	0.751%
61	11.339	1570	1573	1575	rVB	341268	258524	10.53%	0.719%
62	11.845	1656	1659	1662	rBV2	225541	256305	10.44%	0.713%
63	11.880	1662	1665	1667	rBV2	626621	577321	23.53%	1.606%
64	12.057	1693	1695	1699	rVB	126787	94310	3.84%	0.262%
65	12.210	1719	1721	1724	rVB	125271	80031	3.26%	0.223%
66	12.315	1736	1739	1742	rBV	409236	411197	16.76%	1.144%
67	12.410	1751	1755	1758	rBV3	144254	233746	9.53%	0.650%
68	12.480	1763	1767	1770	rBV	1285875	1160297	47.28%	3.227%
69	12.574	1780	1783	1790	rVB	164503	212945	8.68%	0.592%
70	12.710	1800	1806	1812	rBV	1594307	1726576	70.36%	4.802%
71	12.762	1812	1815	1818	rVB2	170412	170500	6.95%	0.474%
72	12.845	1826	1829	1832	rBV	1805715	1600965	65.24%	4.453%
73	12.921	1839	1842	1849	rVB3	189921	308389	12.57%	0.858%
74	13.010	1854	1857	1859	rVV3	180099	240742	9.81%	0.670%
75	13.033	1859	1861	1864	rVB	368615	334977	13.65%	0.932%
76	13.098	1870	1872	1875	rVB	304942	234547	9.56%	0.652%

LSC Area Percent Report

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Acq On : 15 Oct 2020 19:50
Operator : JU/CG
Sample : L4392-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2

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
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Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	13.139	1876	1879	1883	rVB	290904	240778	9.81%	0.670%
78	13.233	1892	1895	1897	rVB	199456	164658	6.71%	0.458%
79	13.262	1897	1900	1903	rBV2	203085	170144	6.93%	0.473%
80	13.680	1969	1971	1973	rVB	129987	102642	4.18%	0.285%
81	13.704	1973	1975	1979	rBV	67888	68845	2.81%	0.191%
82	13.898	2004	2008	2012	rBV2	845715	1342653	54.71%	3.734%
83	13.927	2012	2013	2021	rVB	552349	474218	19.32%	1.319%
84	14.057	2033	2035	2041	rVB3	100148	124662	5.08%	0.347%
85	14.257	2066	2069	2070	rBV	69060	63643	2.59%	0.177%
86	14.292	2070	2075	2078	rVV	222857	243429	9.92%	0.677%
87	14.321	2078	2080	2083	rVB	108720	94797	3.86%	0.264%
88	14.362	2085	2087	2090	rBV2	68059	88652	3.61%	0.247%
89	14.415	2094	2096	2098	rBV	101189	91630	3.73%	0.255%
90	14.774	2155	2157	2161	rBV3	43203	44697	1.82%	0.124%
91	14.933	2180	2184	2187	rBV	327466	485448	19.78%	1.350%
92	15.033	2198	2201	2205	rVB	111903	123398	5.03%	0.343%
93	15.221	2229	2233	2238	rVB	276916	321623	13.11%	0.894%
94	15.280	2239	2243	2248	rBV	376765	463536	18.89%	1.289%
95	15.339	2249	2253	2257	rBV	542276	616243	25.11%	1.714%
96	15.880	2341	2345	2349	rBV3	56782	81722	3.33%	0.227%
97	16.756	2487	2494	2502	rVB	137572	276814	11.28%	0.770%
98	16.921	2517	2522	2527	rBV	37401	78677	3.21%	0.219%
99	17.180	2561	2566	2581	rVB	108729	242139	9.87%	0.673%
100	17.415	2603	2606	2617	rVB4	37409	90558	3.69%	0.252%

Sum of corrected areas: 35956227

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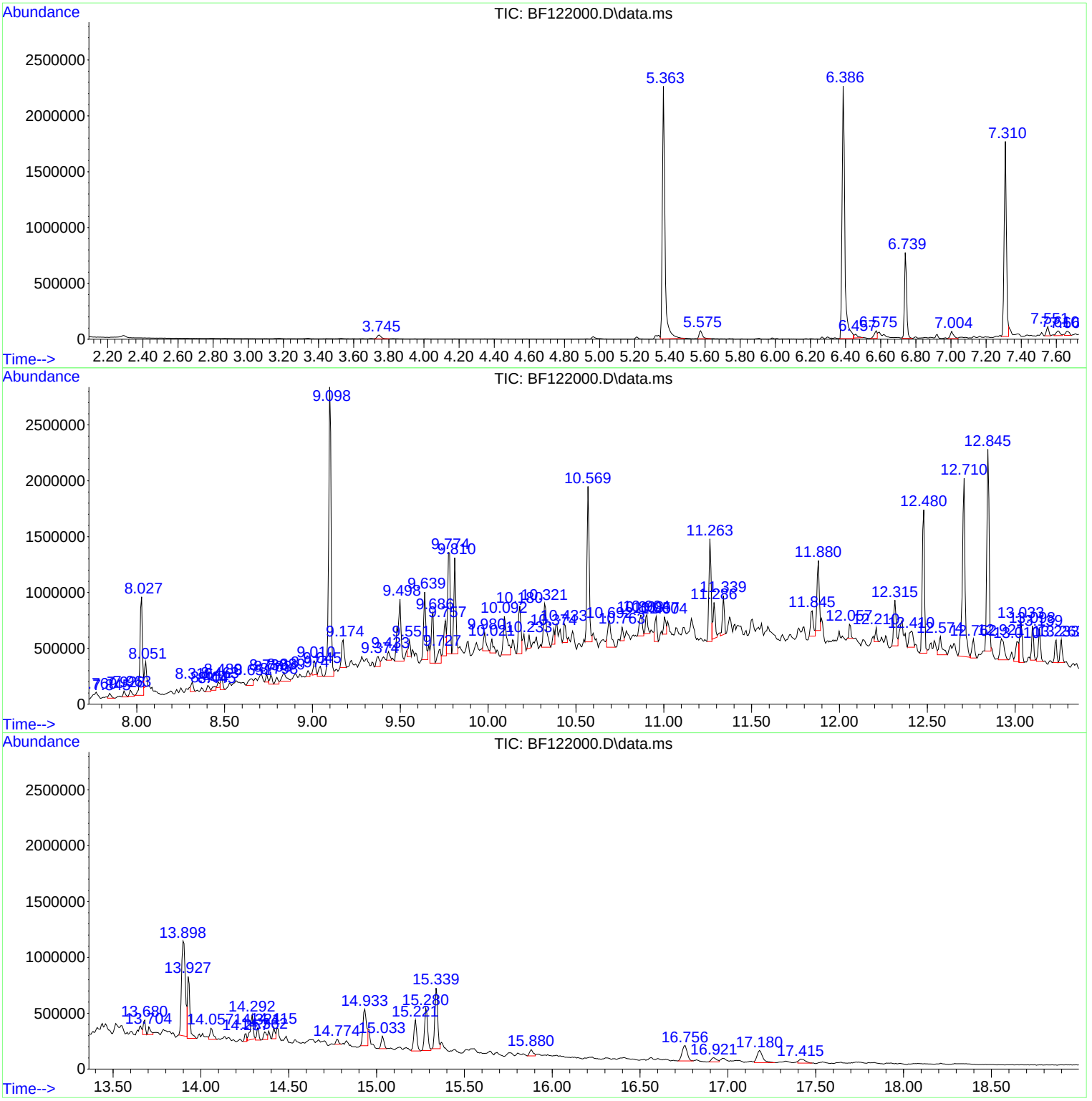
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.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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Instrument : BNA_F
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

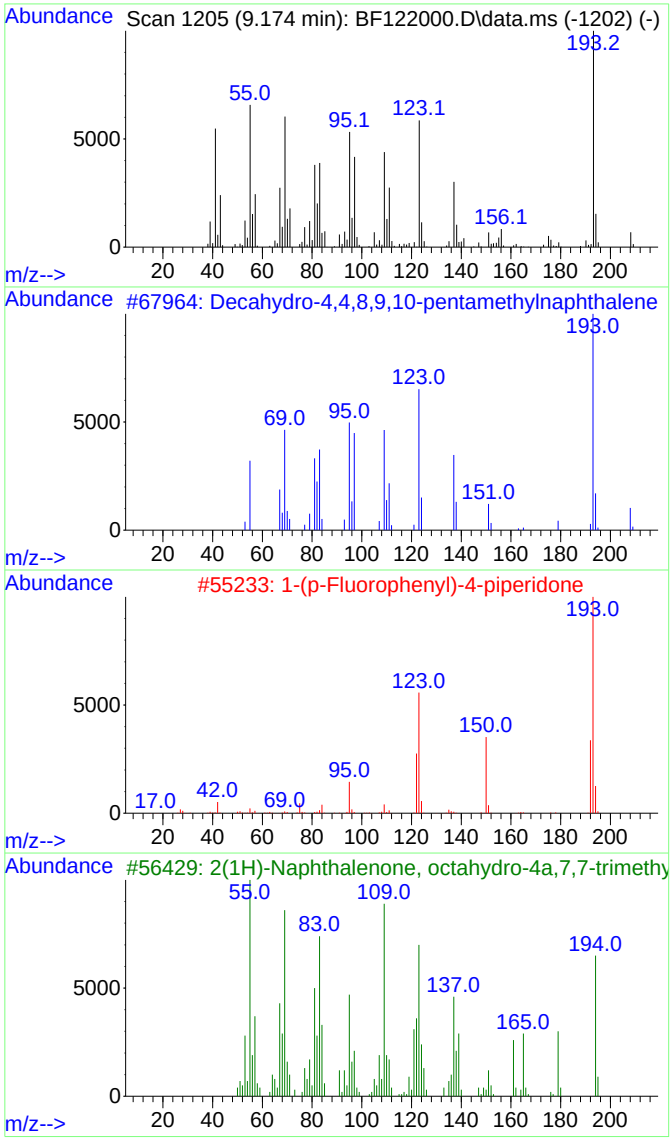
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

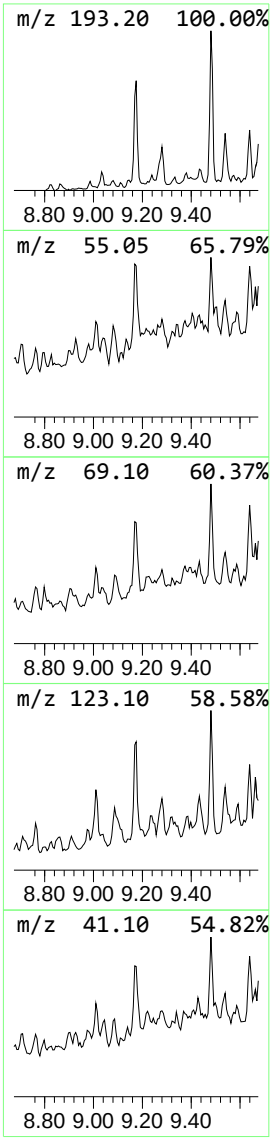
****

Peak Number 1 unknown9.174 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.174	6.04 ng	254319	Acenaphthene-d10	9.780

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	43
2	1-(p-Fluorophenyl)-4-piperidone	193	C11H12FNO	1000238-56-7	38
3	2(1H)-Naphthalenone, octahydro-4...	194	C13H22O	054699-31-9	35
4	Diallyldivinylsilane	164	C10H16Si	119901-88-1	27
5	9-Phenanthrenamine	193	C14H11N	000947-73-9	27





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101520\
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Instrument : BNA_F
ClientSampleId : TP-2

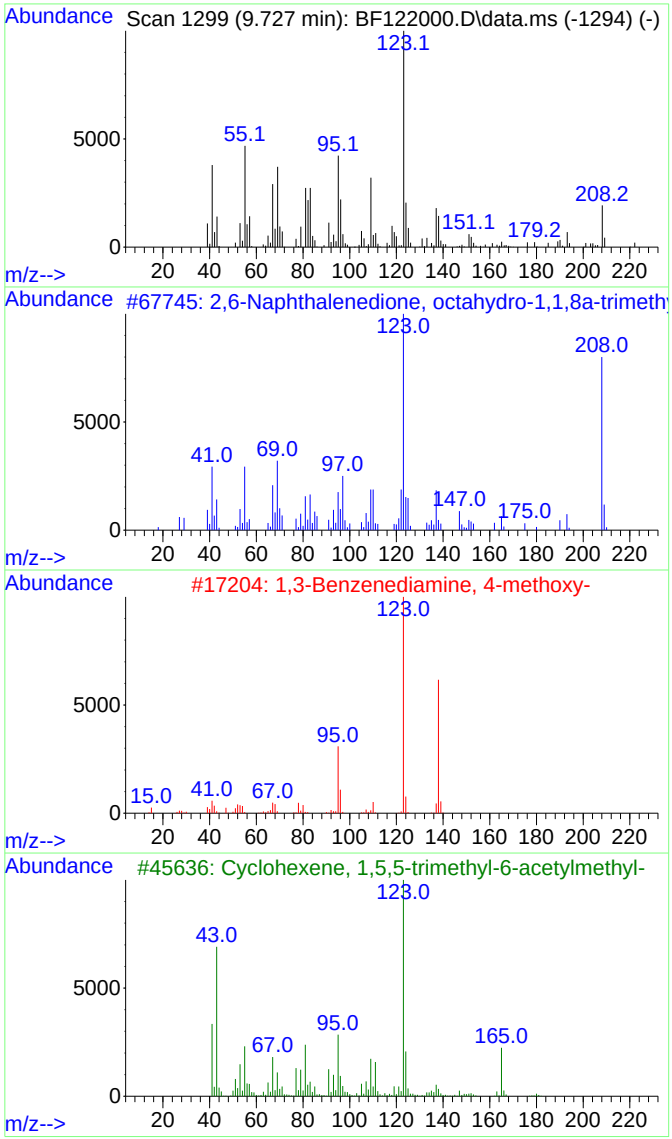
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

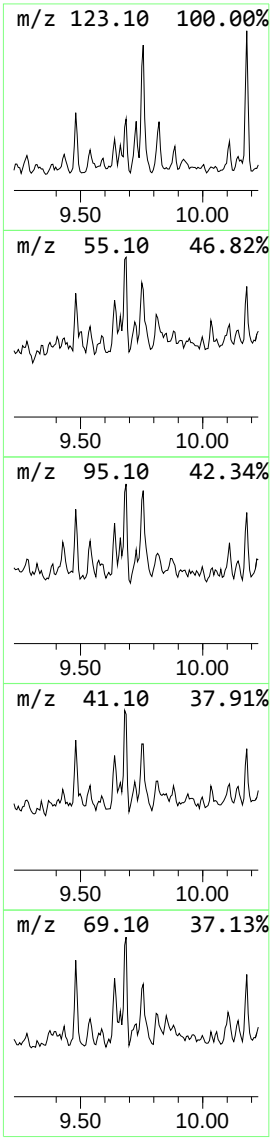
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2,6-Naphthalenedione, octah... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.727	3.97 ng	167219	Acenaphthene-d10	9.780

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6-Naphthalenedione, octahydro-...	208	C13H20O2	057289-16-4	53
2	1,3-Benzenediamine, 4-methoxy-	138	C7H10N2O	000615-05-4	47
3	Cyclohexene, 1,5,5-trimethyl-6-a...	180	C12H20O	211563-96-1	40
4	Pyridine-3-carboxylic acid, 1-[(...	290	C15H18N2O4	1000310-27-9	38
5	4-Fluorobenzoic acid, 3-pentadec...	350	C22H35FO2	1000280-68-4	37





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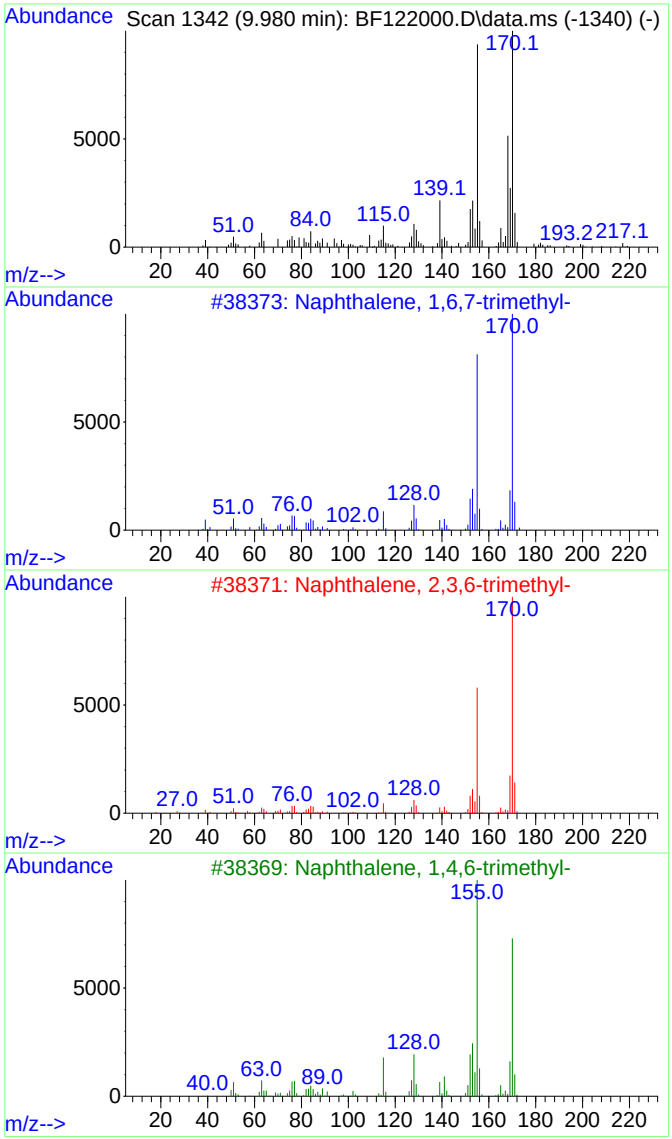
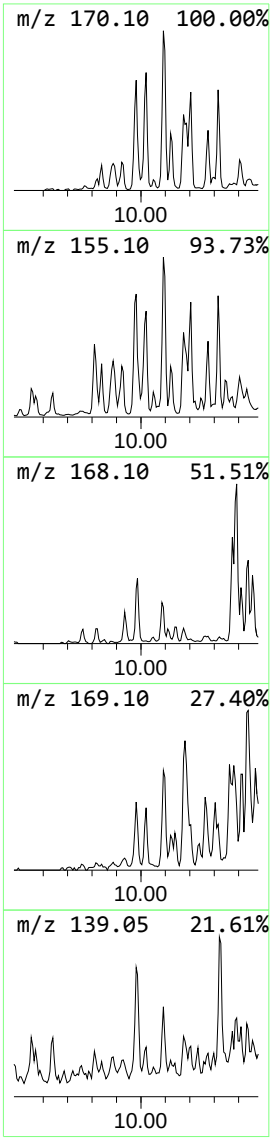
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Naphthalene, 1,6,7-trimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.980	3.70 ng	155852	Acenaphthene-d10	9.780

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	95
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	93
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	90
4	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	89
5	2-Naphthyl methyl ketone	170	C12H10O	000093-08-3	47





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Operator : JU/CG
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ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.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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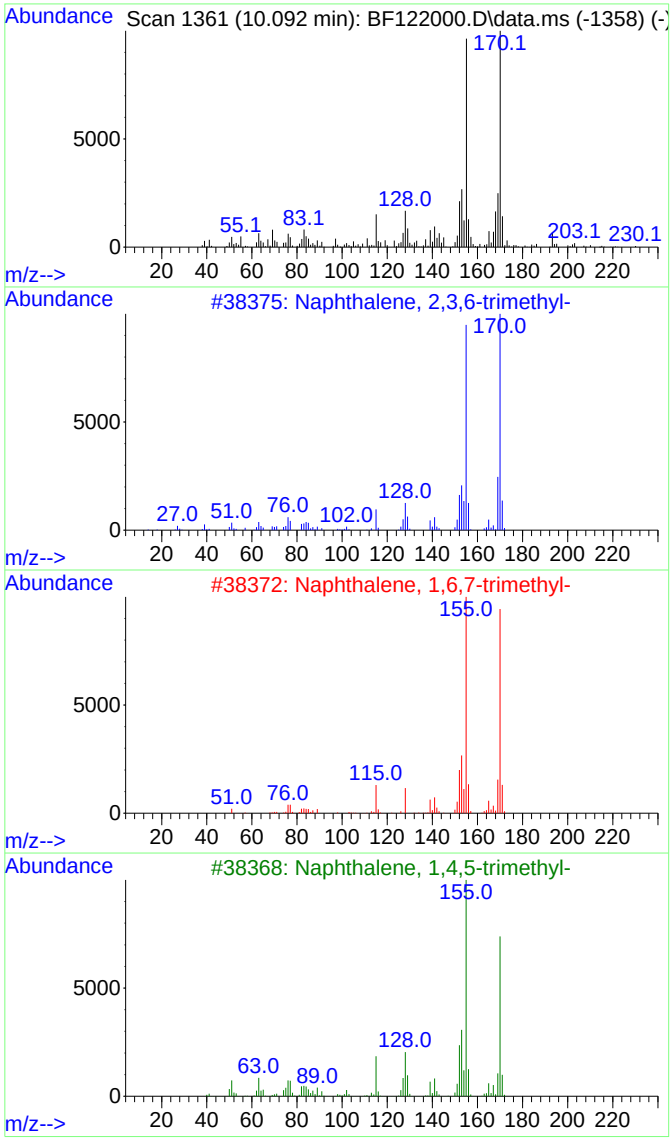
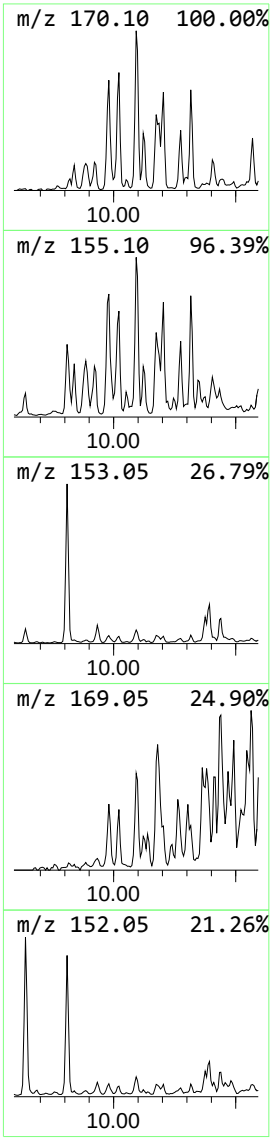
Peak Number 4 Naphthalene, 2,3,6-trimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.092	11.47 ng	482819	Acenaphthene-d10	9.780

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	98
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
3	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	96
4	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
5	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	91





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Data File : BF122000.D
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Operator : JU/CG
Sample : L4392-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

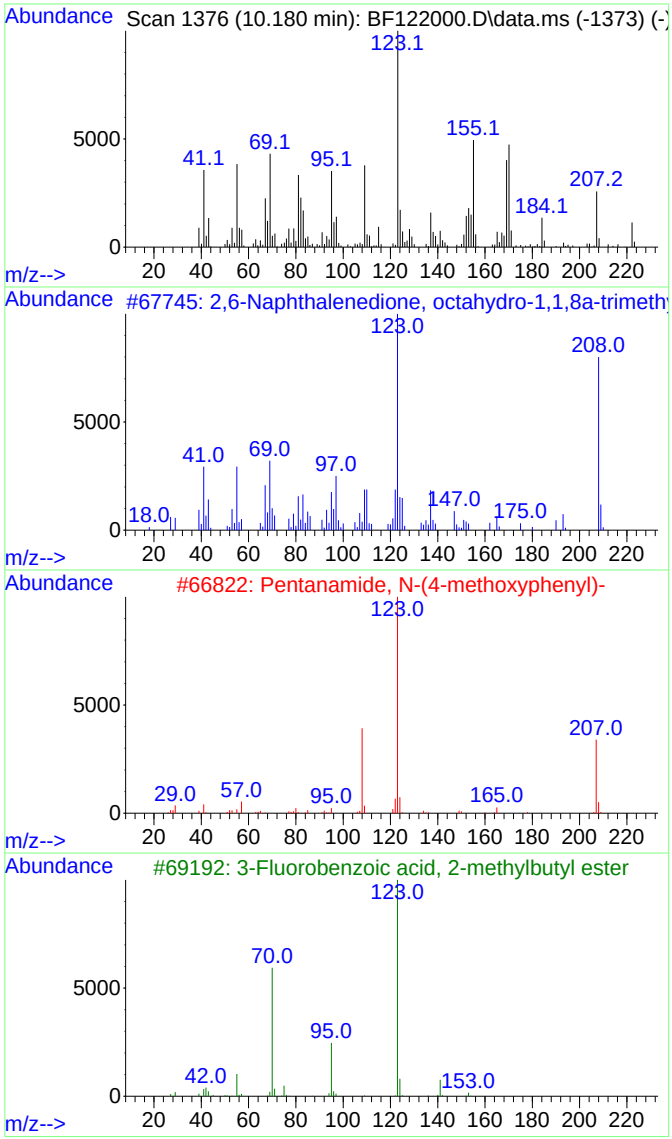
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

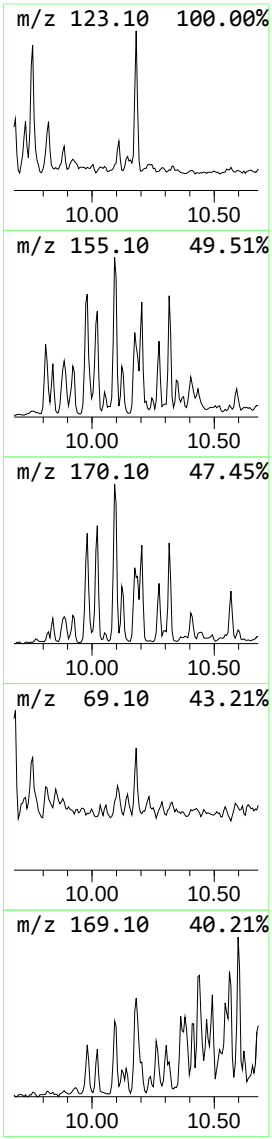
****

Peak Number 5 unknown10.180 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.180	10.56 ng	444911	Acenaphthene-d10	9.780

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6-Naphthalenedione, octahydro-...	208	C13H20O2	057289-16-4	27
2	Pentanamide, N-(4-methoxyphenyl)-	207	C12H17NO2	1000306-89-3	25
3	3-Fluorobenzoic acid, 2-methylbu...	210	C12H15FO2	1000330-83-9	22
4	Methyl 2-fluorobenzoate	154	C8H7FO2	000394-35-4	22
5	Bicyclo[4.1.0]heptane-7-carboxam...	222	C11H14N2OS	329912-72-3	22





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Operator : JU/CG
Sample : L4392-06
Misc :
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Instrument : BNA_F
ClientSampleId : TP-2

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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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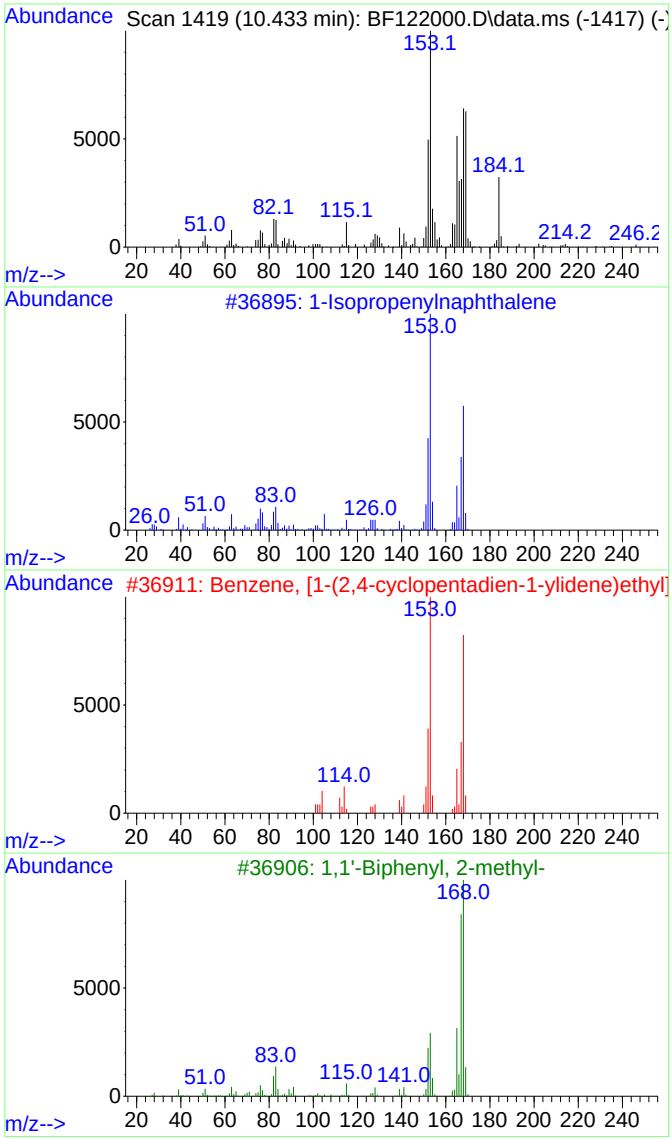
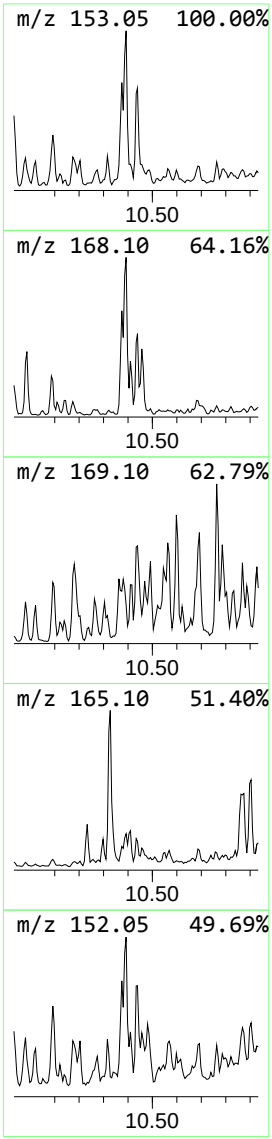
Peak Number 6 1-Isopropenylnaphthalene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.433	3.66 ng	153987	Acenaphthene-d10	9.780

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Isopropenylnaphthalene	168	C13H12	001855-47-6	53
2	Benzene, [1-(2,4-cyclopentadien-...	168	C13H12	002320-32-3	45
3	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	27
4	1,1,4,4-Tetramethyl-1,4-disilacy...	168	C8H16Si2	020627-53-6	27
5	1H-Phenalene	166	C13H10	000203-80-5	25





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Instrument : BNA_F
ClientSampleId : TP-2

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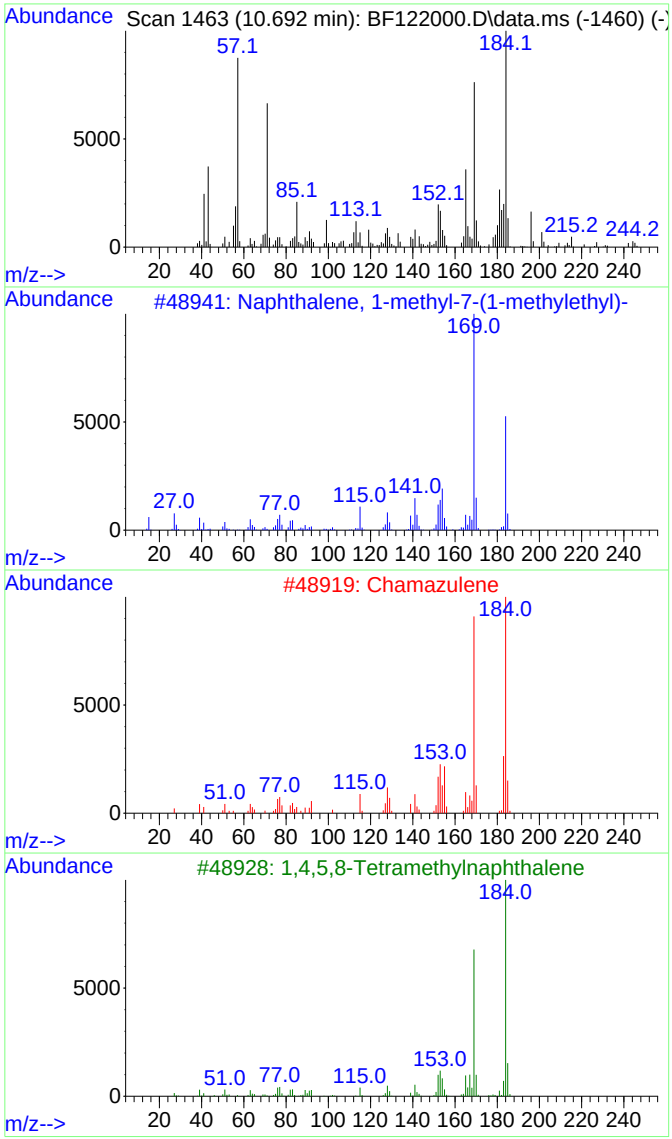
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

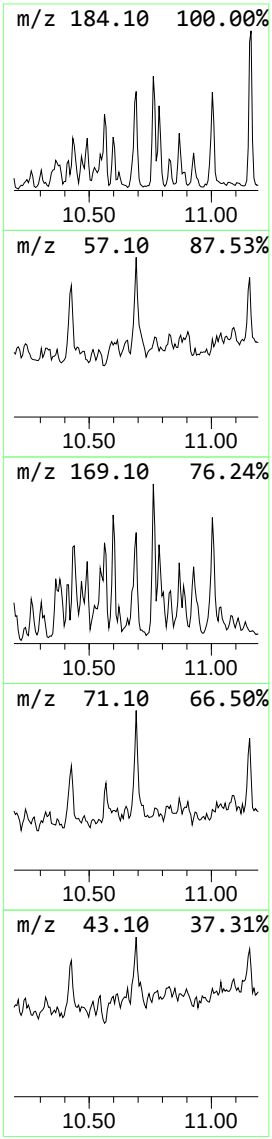
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Naphthalene, 1-methyl-7-(1-... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.692	7.88 ng	322096	Phenanthrene-d10	11.263

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-7-(1-methy...	184	C14H16	000490-65-3	90
2	Chamazulene	184	C14H16	000529-05-5	60
3	1,4,5,8-Tetramethylnaphthalene	184	C14H16	002717-39-7	55
4	Cyclopentene, 1,2-dimethyl-4-met...	184	C14H16	1000152-22-4	55
5	1,1'-Biphenyl, 2-methoxy-	184	C13H12O	000086-26-0	43





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Instrument : BNA_F
ClientSampleId : TP-2

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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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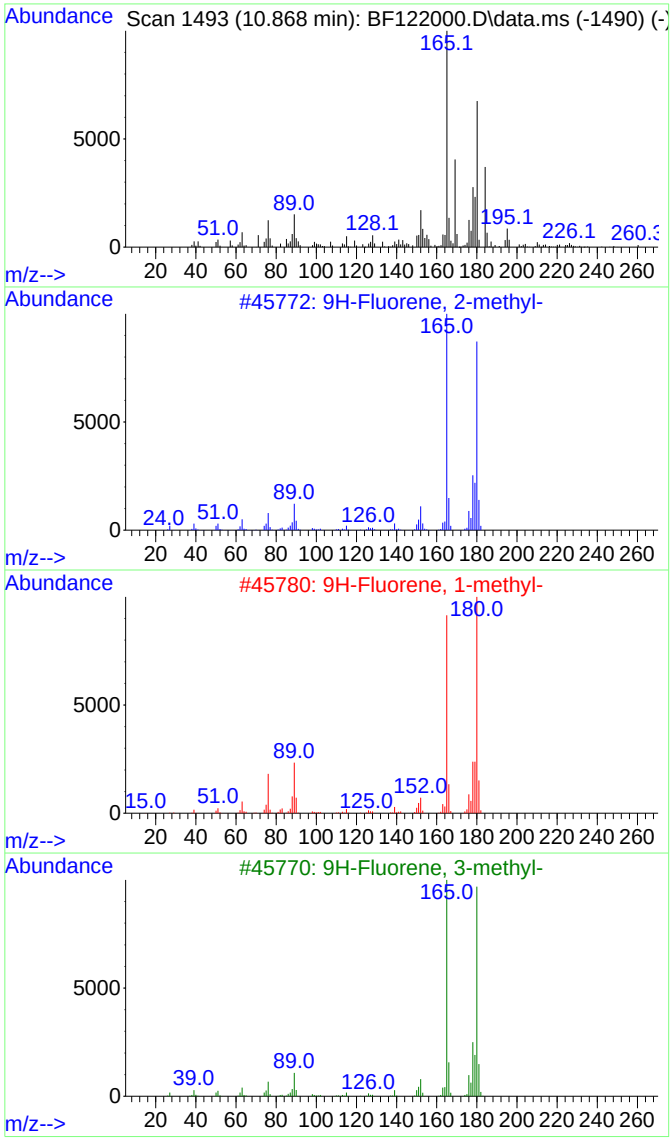
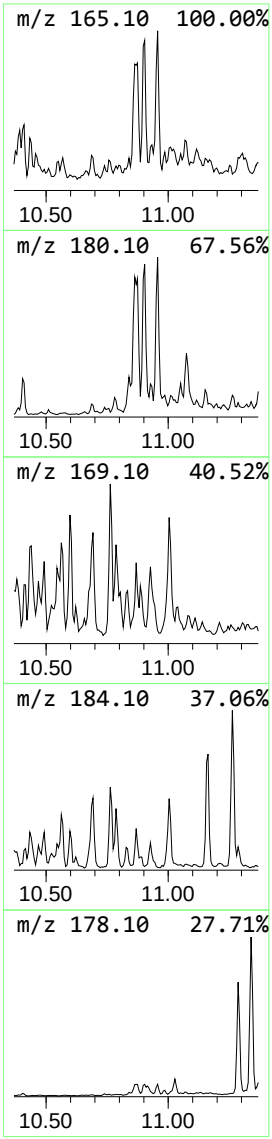
Peak Number 8 9H-Fluorene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.868	5.69 ng	232603	Phenanthrene-d10	11.263

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	78
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	60
3	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	55
4	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	55
5	Benzenethiol, 4-(1,1-dimethyleth...	180	C11H16S	015570-10-2	47





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Misc :
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Instrument : BNA_F
ClientSampleId : TP-2

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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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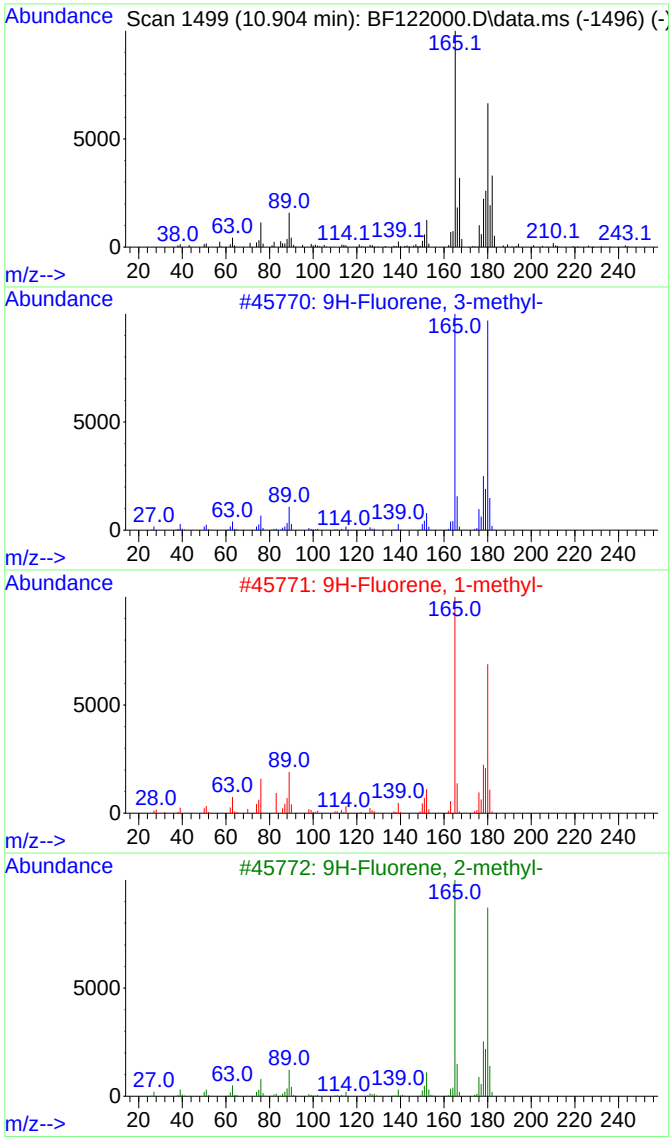
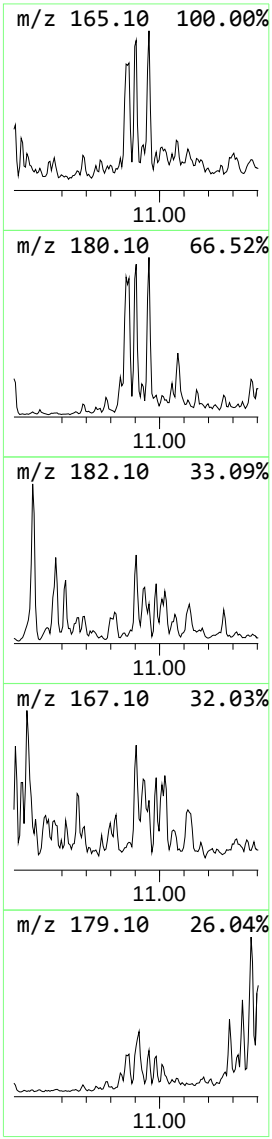
Peak Number 9 9H-Fluorene, 3-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.904	3.74 ng	152905	Phenanthrene-d10	11.263

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	86
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	58
3	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	58
4	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	53
5	Silane, trimethyl(2-methylphenoxy)-	180	C10H16OSi	001009-02-5	46





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

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

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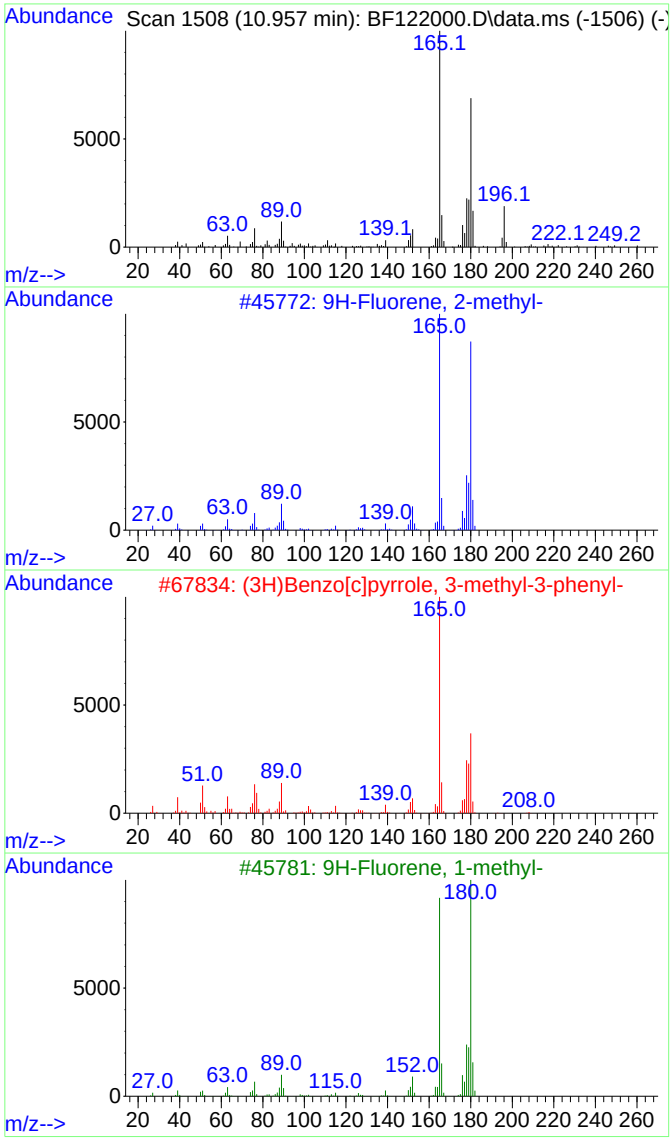
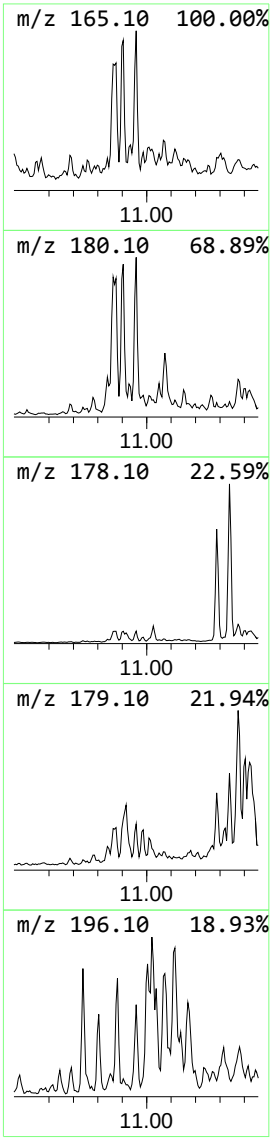
Peak Number 10 (3H)Benzo[c]pyrrole, 3-meth... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.957	4.22 ng	172731	Phenanthrene-d10	11.263

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	96
2	(3H)Benzo[c]pyrrole, 3-methyl-3-...	208	C14H12N2	059341-20-7	90
3	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	90
4	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	76
5	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	74





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ALS Vial : 18 Sample Multiplier: 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 11 Anthracene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.845	6.27 ng	256305	Phenanthrene-d10	11.263

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
2	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	87
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	81
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	81
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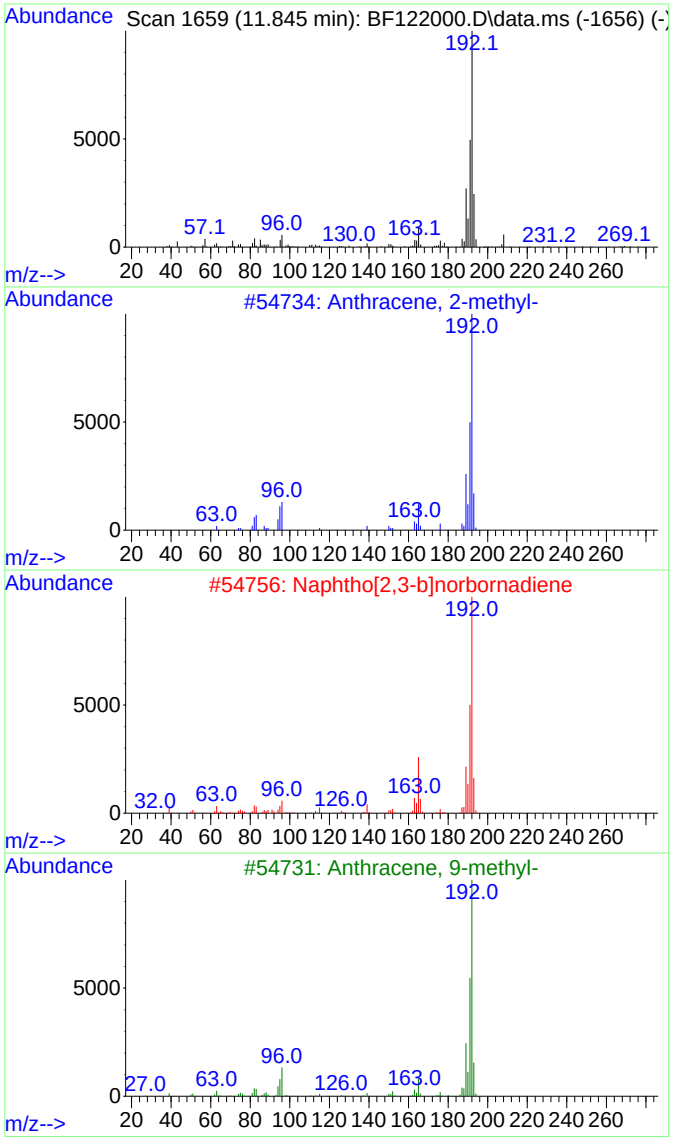

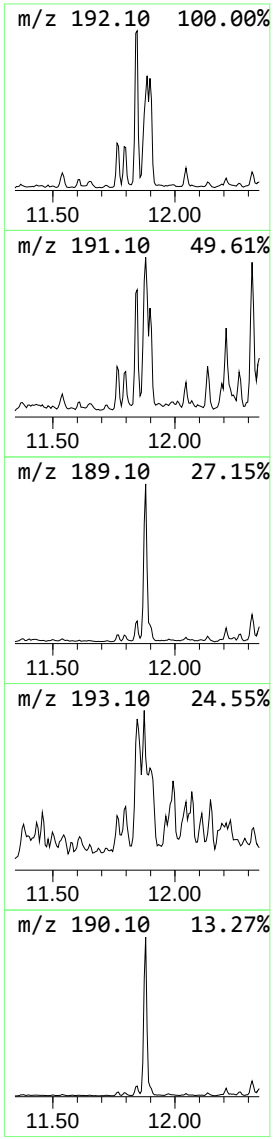

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Operator : JU/CG
Sample : L4392-06
Misc :
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Instrument : BNA_F
ClientSampleId : TP-2

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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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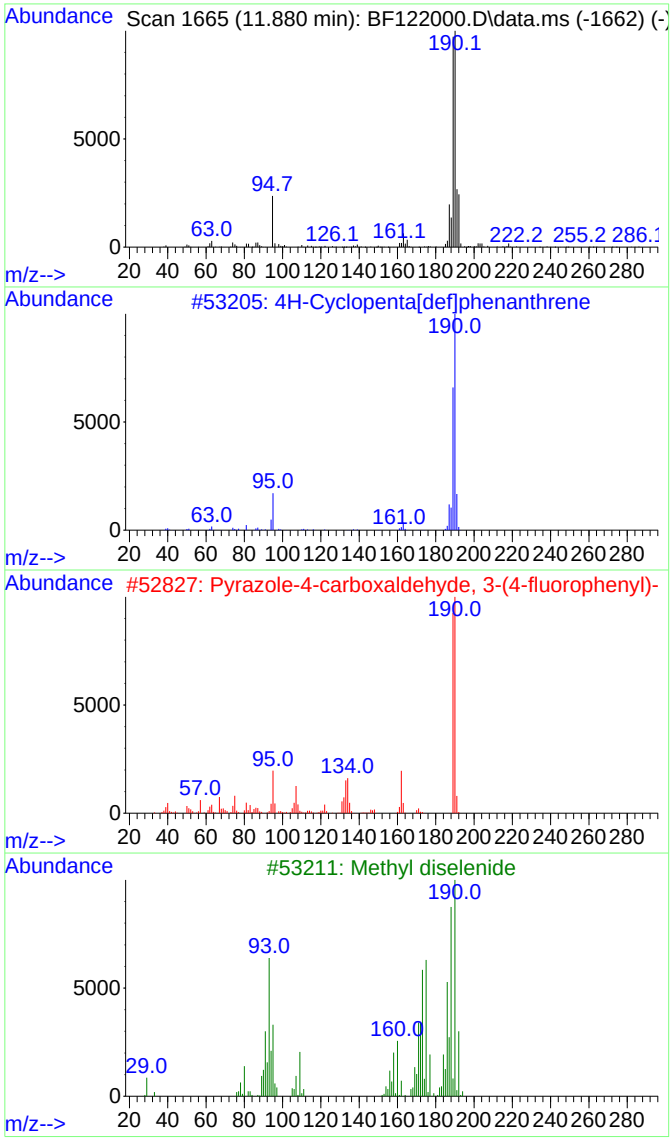
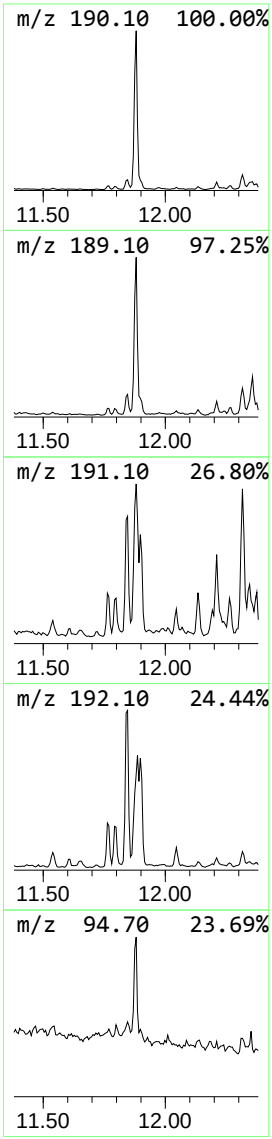
Peak Number 12 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.880	14.12 ng	577321	Phenanthrene-d10	11.263

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	87
2	Pyrazole-4-carboxaldehyde, 3-(4-...	190	C10H7FN2O	306936-57-2	58
3	Methyl diselenide	190	C2H6Se2	007101-31-7	49
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	40
5	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	40





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Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2

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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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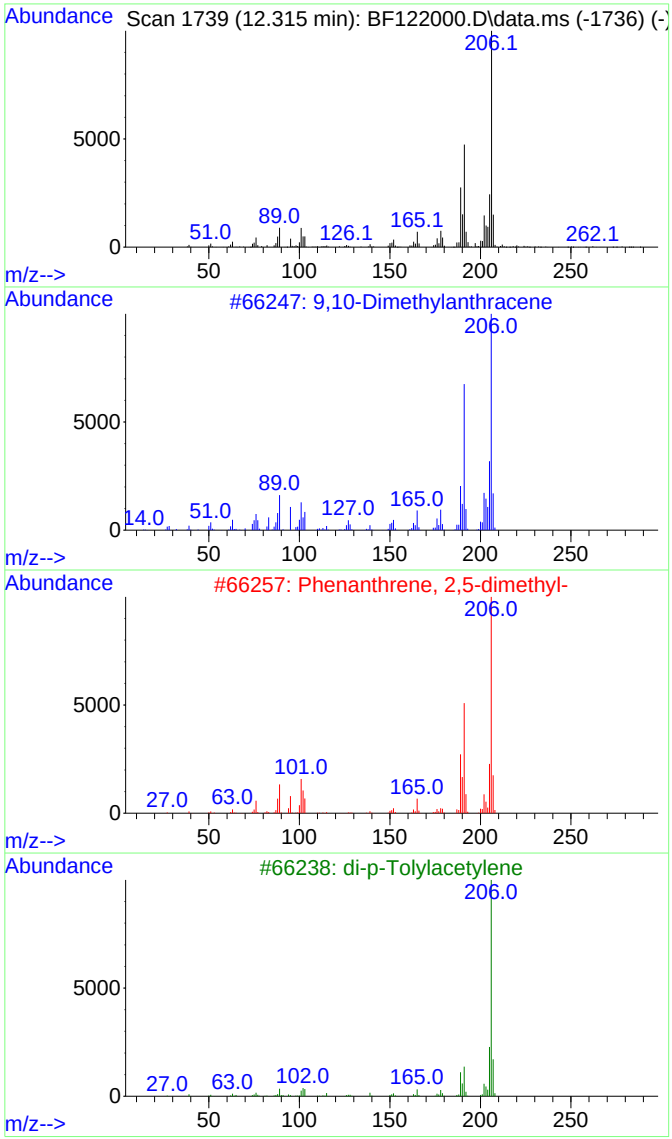
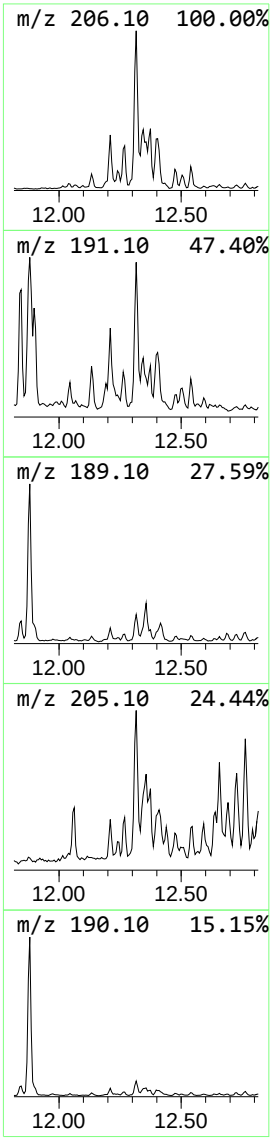
Peak Number 13 9,10-Dimethylanthracene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.316	10.06 ng	411197	Phenanthrene-d10	11.263

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	94
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	83
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	81





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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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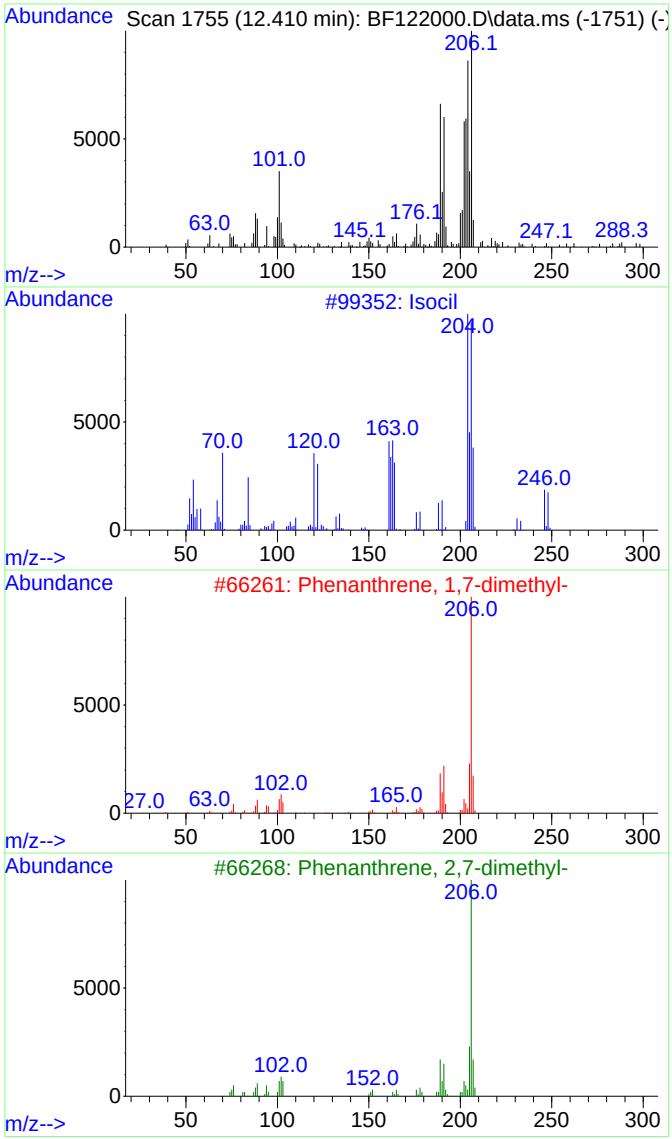
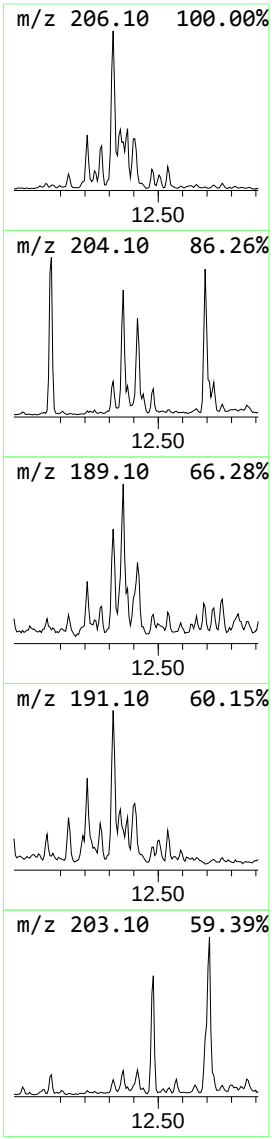
Peak Number 14 Isocil Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.410	5.72 ng	233746	Phenanthrene-d10	11.263

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isocil	246	C8H11BrN2O2	000314-42-1	89
2	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	55
3	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	53
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	46
5	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	42





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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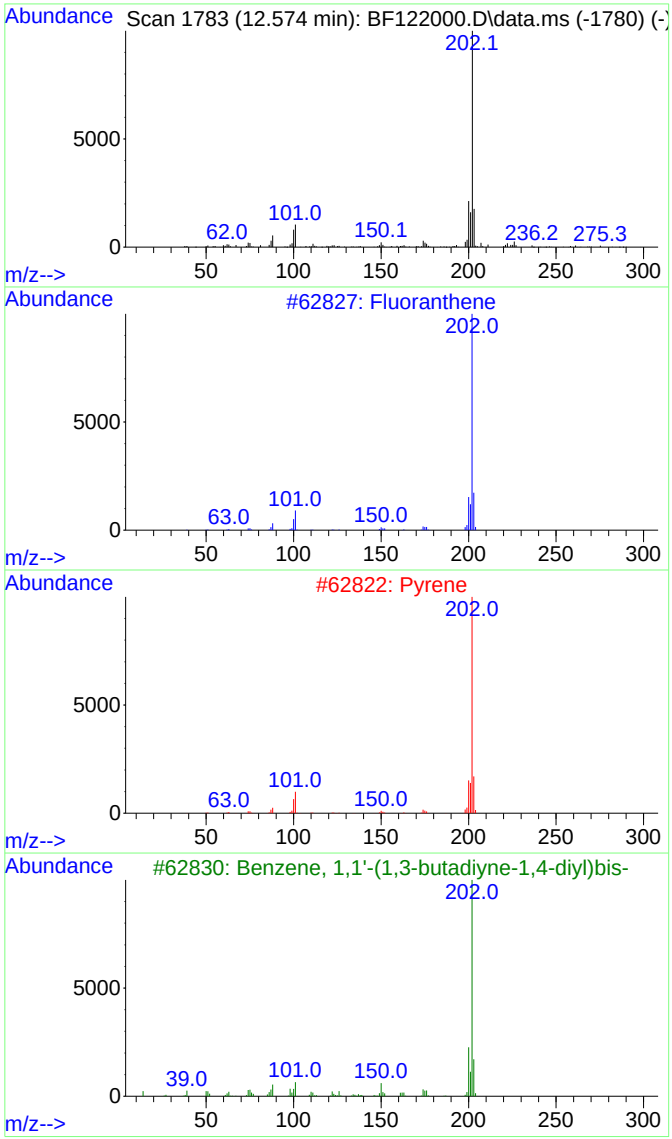
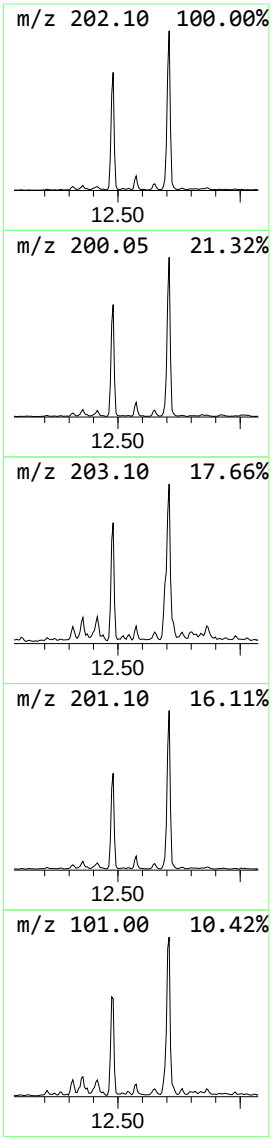
Peak Number 15 Benzene, 1,1'-(1,3-butadiyn... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.574	5.21 ng	212945	Phenanthrene-d10	11.263

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene	202	C16H10	000206-44-0	95
2	Pyrene	202	C16H10	000129-00-0	95
3	Benzene, 1,1'-(1,3-butadiyne-1,4...	202	C16H10	000886-66-8	64
4	4,4'-Bis(tetrahydrothiopyran)	202	C10H18S2	116196-83-9	52
5	1,4-Pentadiyn-3-one, 1,5-diphenyl-	230	C17H10O	015814-30-9	50





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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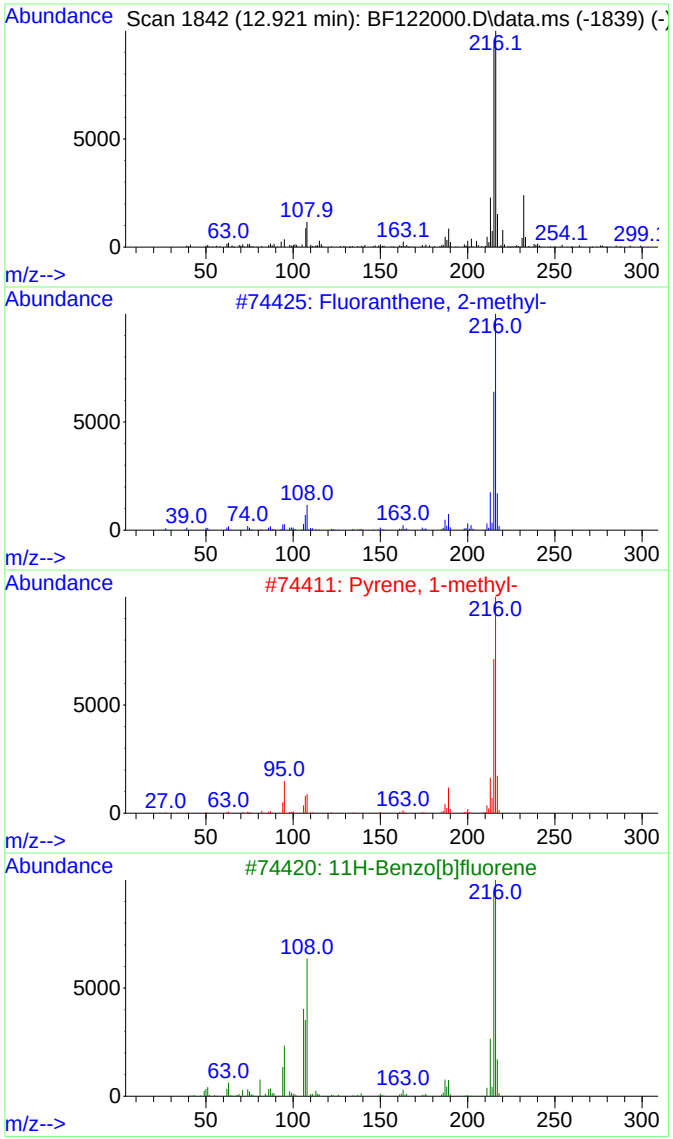
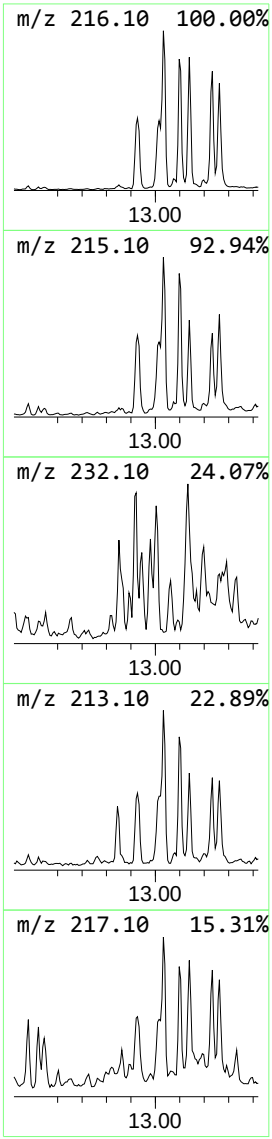
Peak Number 16 Fluoranthene, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.921	4.59 ng	308389	Chrysene-d12	13.904

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	76
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	74
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	64





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Sample : L4392-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.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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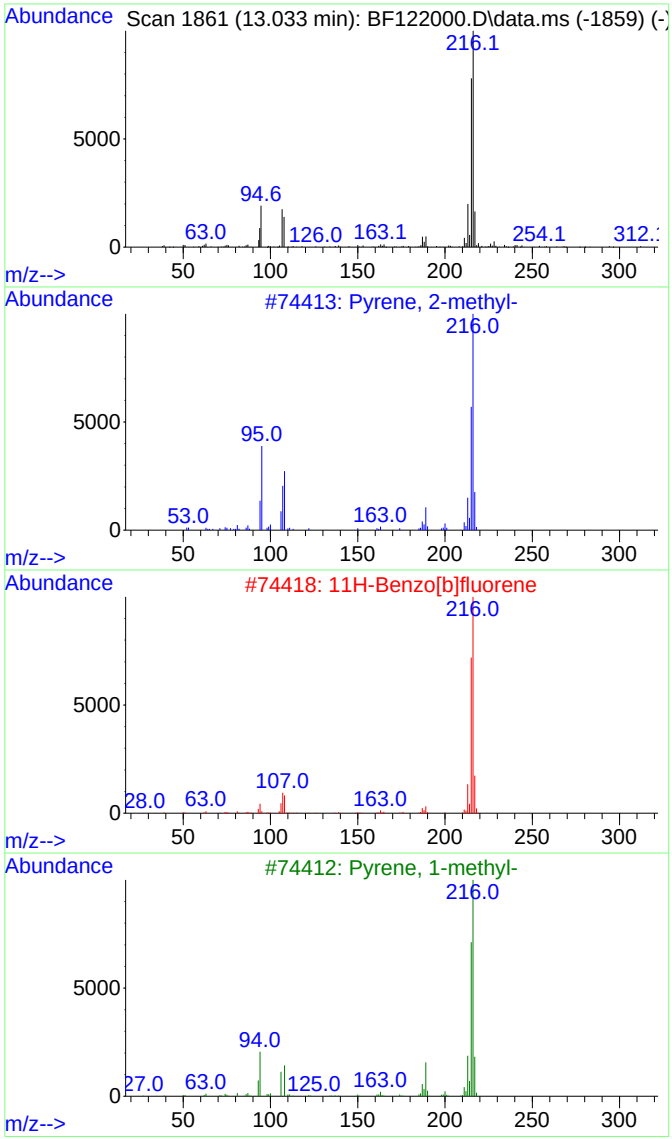
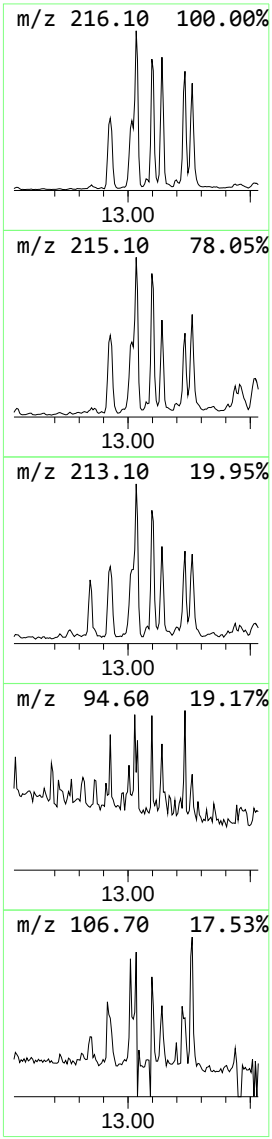
Peak Number 17 Pyrene, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.033	4.99 ng	334977	Chrysene-d12	13.904

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 2-methyl-	216	C17H12	003442-78-2	87
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	83
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	74





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101520\
Data File : BF122000.D
Acq On : 15 Oct 2020 19:50
Operator : JU/CG
Sample : L4392-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.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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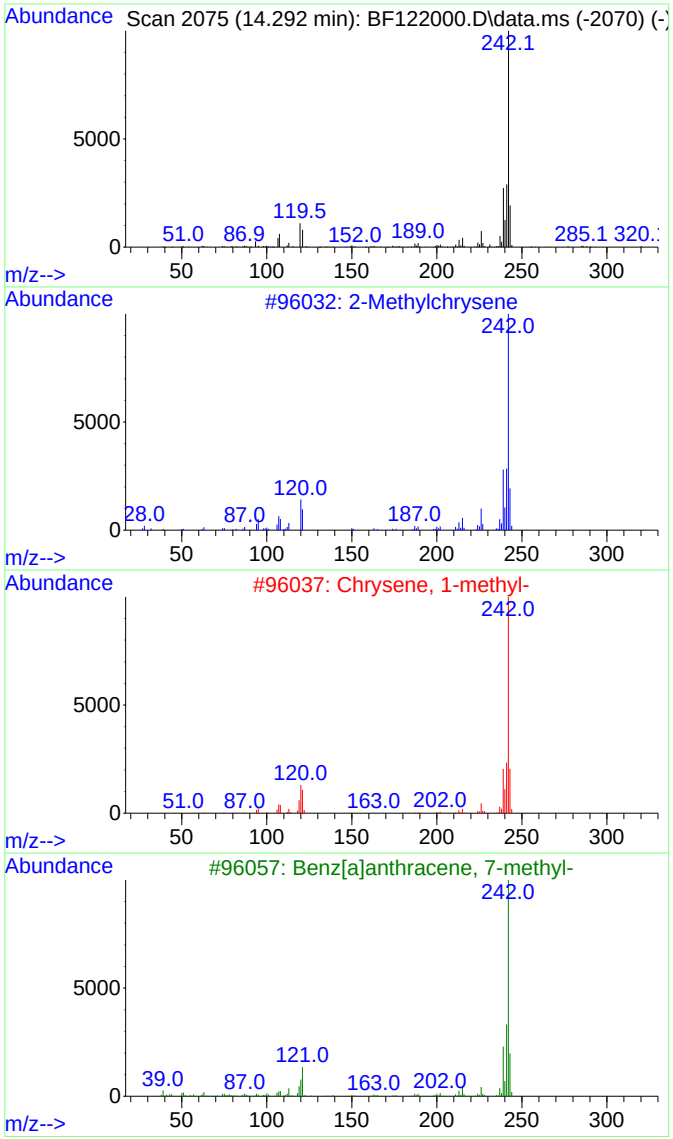
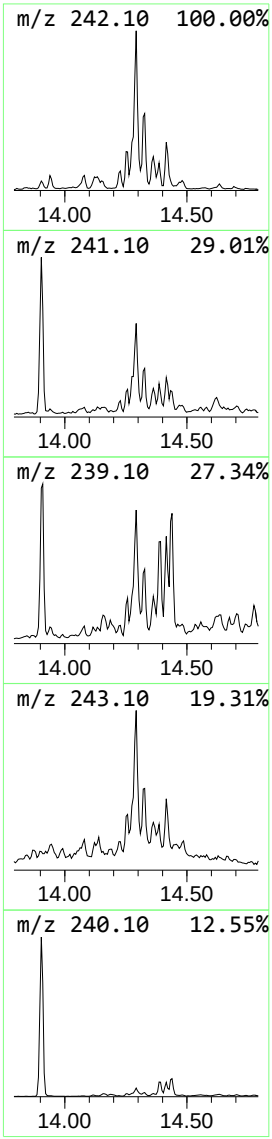
Peak Number 18 2-Methylchrysene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.292	3.63 ng	243429	Chrysene-d12	13.904

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methylchrysene	242	C19H14	003351-32-4	93
2	Chrysene, 1-methyl-	242	C19H14	003351-28-8	91
3	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	91
4	1H-Benz[f]indene, 2-phenyl-	242	C19H14	1000305-22-4	90
5	Chrysene, 5-methyl-	242	C19H14	003697-24-3	90





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Data File : BF122000.D
Acq On : 15 Oct 2020 19:50
Operator : JU/CG
Sample : L4392-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.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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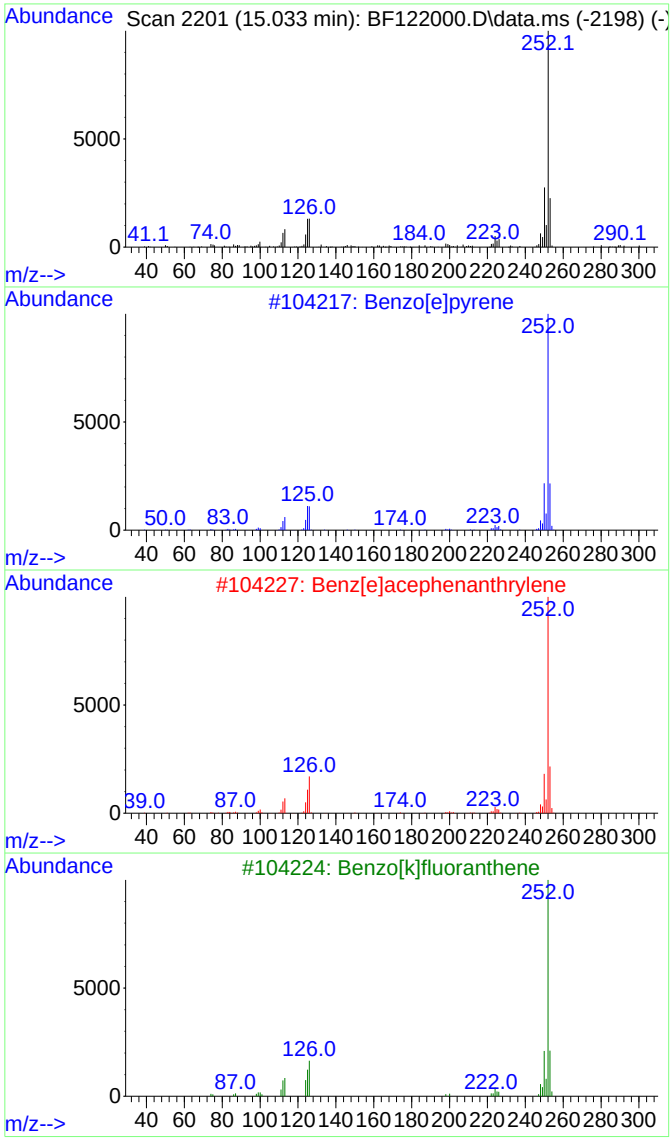
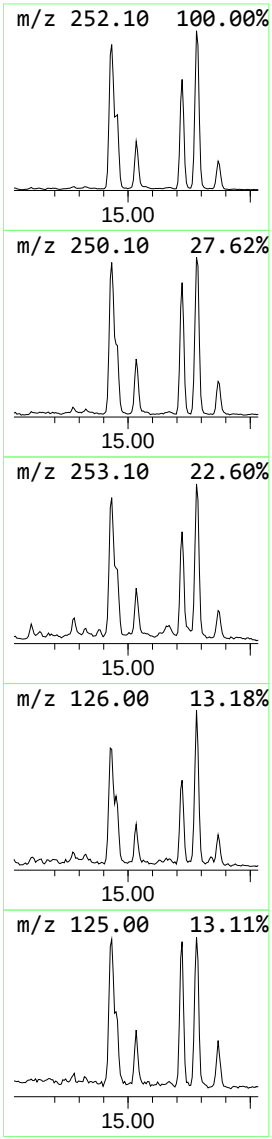
Peak Number 19 Benzo[e]pyrene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.033	4.00 ng	123398	Perylene-d12	15.339

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	94
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
4	Perylene	252	C20H12	000198-55-0	93
5	Benzo[a]pyrene	252	C20H12	000050-32-8	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101520\
Data File : BF122000.D
Acq On : 15 Oct 2020 19:50
Operator : JU/CG
Sample : L4392-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.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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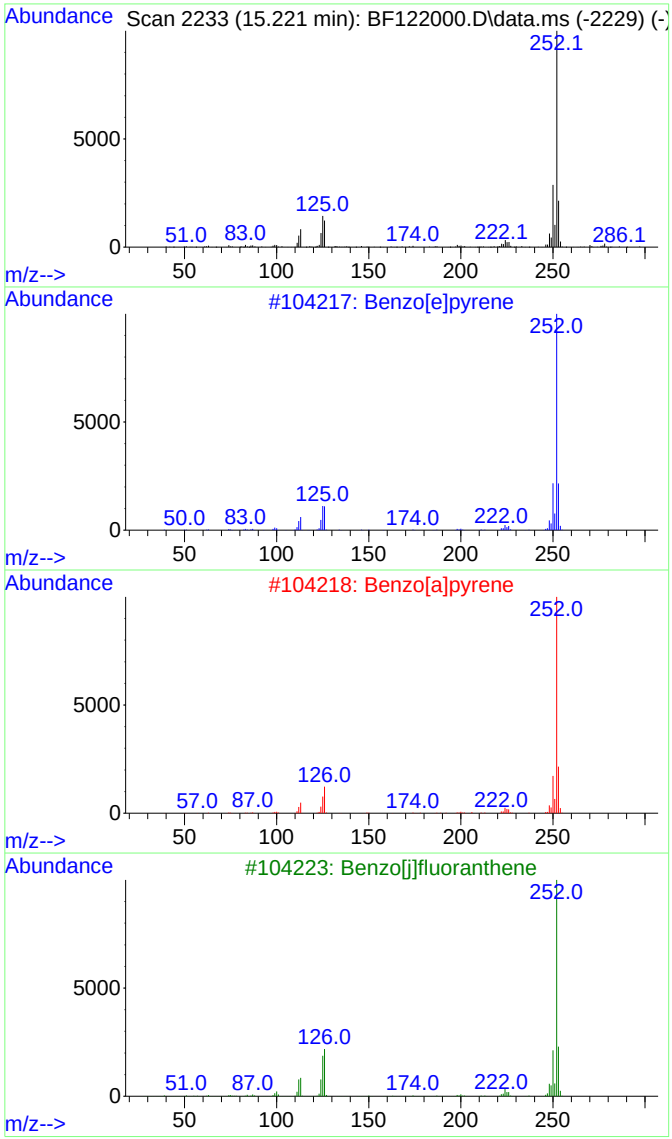
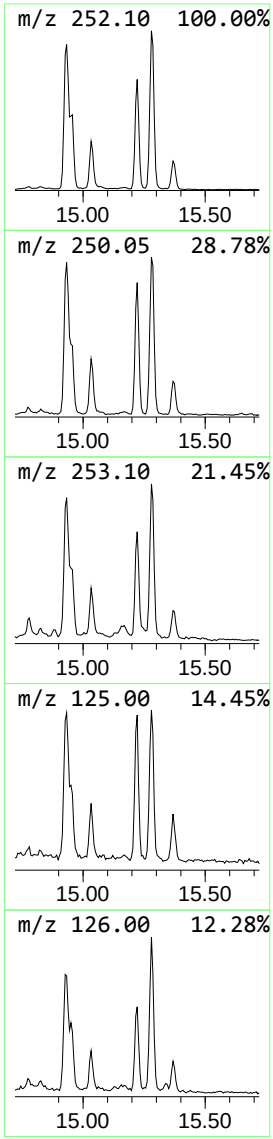
Peak Number 20 Benzo[j]fluoranthene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.221	10.44 ng	321623	Perylene-d12	15.339

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[a]pyrene	252	C20H12	000050-32-8	97
3	Benzo[j]fluoranthene	252	C20H12	000205-82-3	95
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101520\
Data File : BF122000.D
Acq On : 15 Oct 2020 19:50
Operator : JU/CG
Sample : L4392-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.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
unknown9.174	9.174	6.0	ng	254319	3	9.780	842249	20.0
2,6-Naphthalene...	9.727	4.0	ng	167219	3	9.780	842249	20.0
Naphthalene, 1,...	9.980	3.7	ng	155852	3	9.780	842249	20.0
Naphthalene, 2,...	10.092	11.5	ng	482819	3	9.780	842249	20.0
unknown10.180	10.180	10.6	ng	444911	3	9.780	842249	20.0
1-Isopropenylna...	10.433	3.7	ng	153987	3	9.780	842249	20.0
Naphthalene, 1-...	10.692	7.9	ng	322096	4	11.263	817837	20.0
9H-Fluorene, 2-...	10.868	5.7	ng	232603	4	11.263	817837	20.0
9H-Fluorene, 3-...	10.904	3.7	ng	152905	4	11.263	817837	20.0
(3H)Benzo[c]pyr...	10.957	4.2	ng	172731	4	11.263	817837	20.0
Anthracene, 2-m...	11.845	6.3	ng	256305	4	11.263	817837	20.0
4H-Cyclopenta[d...	11.880	14.1	ng	577321	4	11.263	817837	20.0
9,10-Dimethylan...	12.316	10.1	ng	411197	4	11.263	817837	20.0
Isocil	12.410	5.7	ng	233746	4	11.263	817837	20.0
Benzene, 1,1'-(...	12.574	5.2	ng	212945	4	11.263	817837	20.0
Fluoranthene, 2...	12.921	4.6	ng	308389	5	13.904	1342650	20.0
Pyrene, 2-methyl-	13.033	5.0	ng	334977	5	13.904	1342650	20.0
2-Methylchrysene	14.292	3.6	ng	243429	5	13.904	1342650	20.0
Benzo[e]pyrene	15.033	4.0	ng	123398	6	15.339	616243	20.0
Benzo[j]fluoran...	15.221	10.4	ng	321623	6	15.339	616243	20.0