LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032119\
Data File : BF113219.D
Acq On : 21 Mar 2019 20:16
Operator : JU/SJ
Sample : K2004-05 10X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-24(7-8)

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-BF022719.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	5.334	548	552	564	rBV	296292	328796	24.27%	1.250%
2	6.075	676	678	682	rVB	22276	19352	1.43%	0.074%
3	6.363	724	727	740	rBV	351911	371485	27.42%	1.412%
4	6.492	745	749	757	rVB	452385	406382	30.00%	1.545%
5	6.722	784	788	796	rBV	1084630	958263	70.74%	3.643%
6	6.875	811	814	819	rBV	348939	307249	22.68%	1.168%
7	7.281	878	883	887	rBV	194247	209817	15.49%	0.798%
8	7.369	895	898	903	rVB3	15292	19799	1.46%	0.075%
9	7.628	935	942	944	rBV5	13457	17999	1.33%	0.068%
10	7.951	993	997	1002	rBV2	88027	90509	6.68%	0.344%
11	8.004	1002	1006	1012	rVV	1226917	1122687	82.88%	4.268%
12	8.075	1016	1018	1021	rVV2	65982	77222	5.70%	0.294%
13	8.104	1021	1023	1031	rVB4	35233	54031	3.99%	0.205%
14	8.304	1050	1057	1060	rBV7	27698	48392	3.57%	0.184%
15	8.381	1068	1070	1076	rVB6	19126	23597	1.74%	0.090%
16	8.439	1076	1080	1082	rVV2	35262	43856	3.24%	0.167%
17	8.475	1084	1086	1089	rVB3	20412	19685	1.45%	0.075%
18	8.557	1096	1100	1104	rBV5	23457	39859	2.94%	0.152%
19	8.604	1105	1108	1111	rBV3	16248	19812	1.46%	0.075%
20	8.639	1111	1114	1116	rBV	30021	31013	2.29%	0.118%
21	8.698	1122	1124	1128	rVB2	28068	32153	2.37%	0.122%
22	8.816	1142	1144	1148	rBV4	22298	26834	1.98%	0.102%
23	8.886	1154	1156	1159	rVB2	52474	45873	3.39%	0.174%
24	8.916	1159	1161	1164	rVB	35005	28586	2.11%	0.109%
25	9.033	1178	1181	1183	rBV	57627	42715	3.15%	0.162%
26	9.057	1183	1185	1186	rVV	91551	68615	5.07%	0.261%
27	9.075	1186	1188	1192	rVV	331670	335137	24.74%	1.274%
28	9.139	1196	1199	1202	rVB	199781	158914	11.73%	0.604%
29	9.286	1220	1224	1227	rVB4	20850	27010	1.99%	0.103%
30	9.339	1227	1233	1235	rBV6	42225	73989	5.46%	0.281%
31	9.363	1235	1237	1240	rVB3	39412	35968	2.66%	0.137%
32	9.469	1253	1255	1256	rBV	23373	18930	1.40%	0.072%
33	9.486	1256	1258	1261	rVV	90979	92835	6.85%	0.353%
34	9.510	1261	1262	1265	rVV3	59554	48136	3.55%	0.183%

LSC Area Percent Report

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Acq On : 21 Mar 2019 20:16
Operator : JU/SJ
Sample : K2004-05 10X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-24(7-8)

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-BF022719.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	9.551	1266	1269	1271	rVB3	30200	25328	1.87%	0.096%
36	9.639	1281	1284	1286	rBV	86544	63047	4.65%	0.240%
37	9.663	1286	1288	1292	rVB3	42233	44304	3.27%	0.168%
38	9.710	1294	1296	1298	rVB3	22957	19365	1.43%	0.074%
39	9.757	1298	1304	1307	rBV	1199095	1227389	90.61%	4.666%
40	9.857	1318	1321	1327	rVB4	108663	120931	8.93%	0.460%
41	9.927	1327	1333	1336	rBV4	92405	129031	9.53%	0.491%
42	10.022	1347	1349	1353	rBV3	25878	25772	1.90%	0.098%
43	10.075	1357	1358	1362	rVB4	30843	22524	1.66%	0.086%
44	10.239	1384	1386	1389	rVB4	31373	28773	2.12%	0.109%
45	10.292	1393	1395	1397	rBV2	51712	46945	3.47%	0.178%
46	10.316	1397	1399	1402	rVB4	38125	40664	3.00%	0.155%
47	10.416	1413	1416	1419	rVB	61220	49270	3.64%	0.187%
48	10.539	1434	1437	1441	rBV	176840	189739	14.01%	0.721%
49	10.675	1456	1460	1462	rBV2	180127	199847	14.75%	0.760%
50	10.745	1469	1472	1474	rBV4	30931	38998	2.88%	0.148%
51	10.786	1476	1479	1481	rVV2	84664	85015	6.28%	0.323%
52	10.839	1485	1488	1492	rVB3	81491	84942	6.27%	0.323%
53	10.945	1504	1506	1509	rVB4	47057	45626	3.37%	0.173%
54	11.022	1512	1519	1522	rBV	423459	575400	42.48%	2.187%
55	11.080	1526	1529	1531	rBV2	118795	102100	7.54%	0.388%
56	11.110	1531	1534	1537	rVB2	125973	118733	8.77%	0.451%
57	11.145	1538	1540	1542	rBV	51644	44521	3.29%	0.169%
58	11.192	1543	1548	1552	rBV2	503854	572761	42.28%	2.177%
59	11.233	1552	1555	1558	rBV	982169	863446	63.74%	3.282%
60	11.363	1575	1577	1578	rBV	71990	60152	4.44%	0.229%
61	11.386	1578	1581	1584	rVB2	184704	203983	15.06%	0.775%
62	11.457	1590	1593	1596	rBV	291322	287975	21.26%	1.095%
63	11.504	1596	1601	1604	rVV2	644594	745612	55.04%	2.835%
64	11.533	1604	1606	1609	rVV	604551	488499	36.06%	1.857%
65	11.569	1609	1612	1616	rVV3	163585	207826	15.34%	0.790%
66	11.633	1619	1623	1626	rVB	1498590	1354613	100.00%	5.150%
67	11.663	1626	1628	1630	rBV2	73981	78097	5.77%	0.297%
68	11.727	1637	1639	1643	rVB2	368013	339570	25.07%	1.291%
69	11.769	1644	1646	1648	rVV	191739	182557	13.48%	0.694%
70	11.792	1648	1650	1652	rVV2	270456	258116	19.05%	0.981%
71	11.827	1652	1656	1660	rVV2	856313	1151814	85.03%	4.379%

LSC Area Percent Report

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Acq On : 21 Mar 2019 20:16
Operator : JU/SJ
Sample : K2004-05 10X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-24(7-8)

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-BF022719.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	11.863	1660	1662	1669	rVV2	537709	752053	55.52%	2.859%
73	11.933	1670	1674	1679	rVV2	980370	1215017	89.69%	4.619%
74	11.986	1679	1683	1687	rVV4	557601	1079521	79.69%	4.104%
75	12.021	1687	1689	1691	rVV2	434318	450248	33.24%	1.712%
76	12.074	1695	1698	1699	rVV2	585072	509259	37.59%	1.936%
77	12.092	1699	1701	1706	rVB	828412	847961	62.60%	3.224%
78	12.163	1711	1713	1715	rVV2	216808	254083	18.76%	0.966%
79	12.186	1715	1717	1723	rVV4	364386	490515	36.21%	1.865%
80	12.263	1727	1730	1735	rVV2	554635	712322	52.58%	2.708%
81	12.310	1736	1738	1741	rVV3	179437	208679	15.41%	0.793%
82	12.345	1741	1744	1751	rVB3	406887	523399	38.64%	1.990%
83	12.410	1753	1755	1758	rVB	166924	142608	10.53%	0.542%
84	12.486	1764	1768	1771	rVB4	351623	439850	32.47%	1.672%
85	12.545	1775	1778	1780	rBV	217211	197591	14.59%	0.751%
86	12.627	1789	1792	1796	rVB2	290384	270861	20.00%	1.030%
87	12.710	1804	1806	1808	rBV	85809	65192	4.81%	0.248%
88	12.739	1808	1811	1816	rVB4	116755	150743	11.13%	0.573%
89	12.786	1816	1819	1822	rBV2	492669	528060	38.98%	2.007%
90	12.816	1822	1824	1826	rVB	288771	208360	15.38%	0.792%
91	13.286	1902	1904	1907	rBV	169416	129815	9.58%	0.494%
92	13.321	1908	1910	1912	rVB	146593	109360	8.07%	0.416%
93	13.427	1926	1928	1931	rBV	115122	97757	7.22%	0.372%
94	13.868	1999	2003	2006	rBV	933115	923137	68.15%	3.509%
95	15.280	2239	2243	2247	rBV	558942	629462	46.47%	2.393%

Sum of corrected areas: 26304638

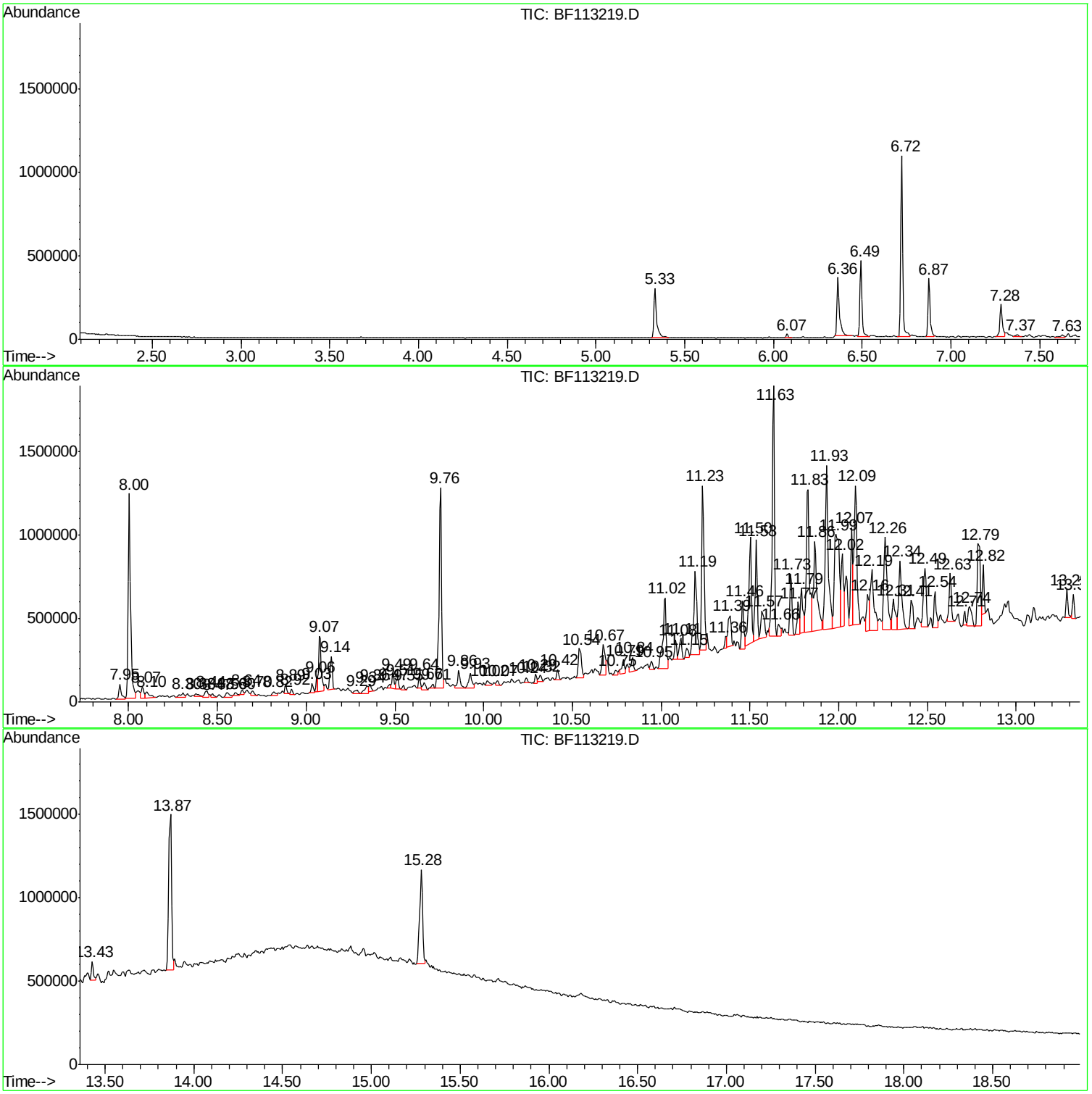
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032119\
Data File : BF113219.D
Acq On : 21 Mar 2019 20:16
Operator : JU/SJ
Sample : K2004-05 10X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-24(7-8)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032119\
Data File : BF113219.D
Acq On : 21 Mar 2019 20:16
Operator : JU/SJ
Sample : K2004-05 10X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-24(7-8)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

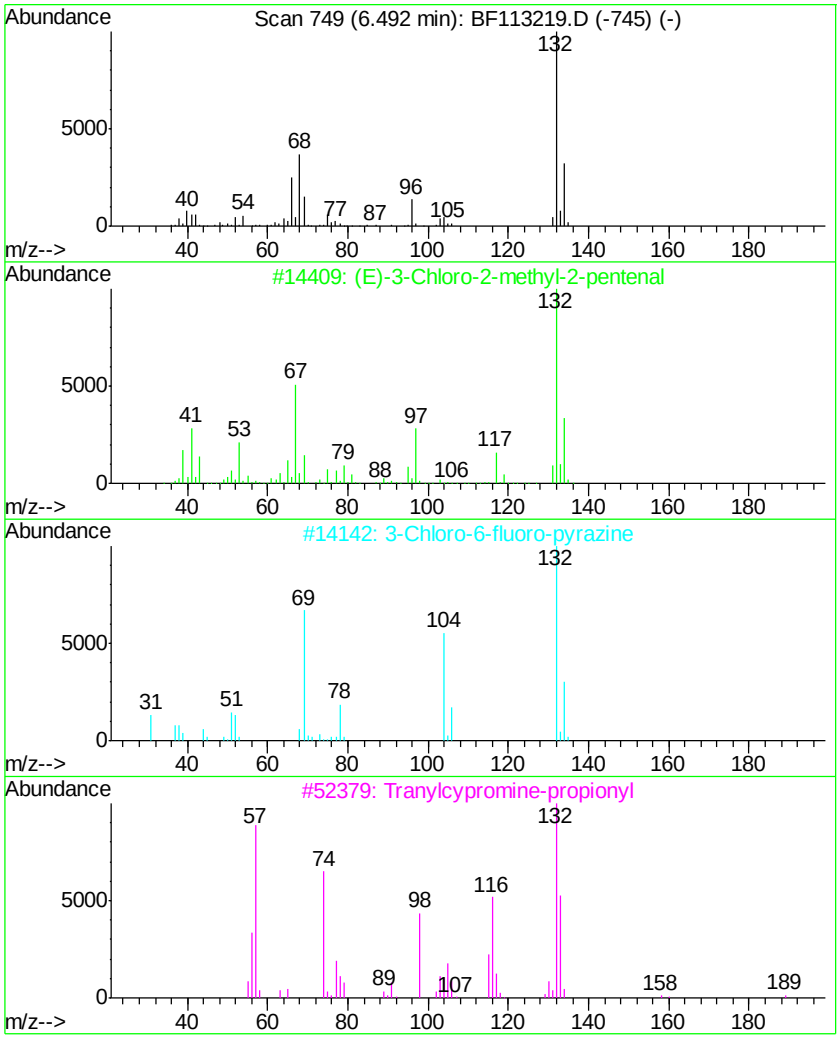
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

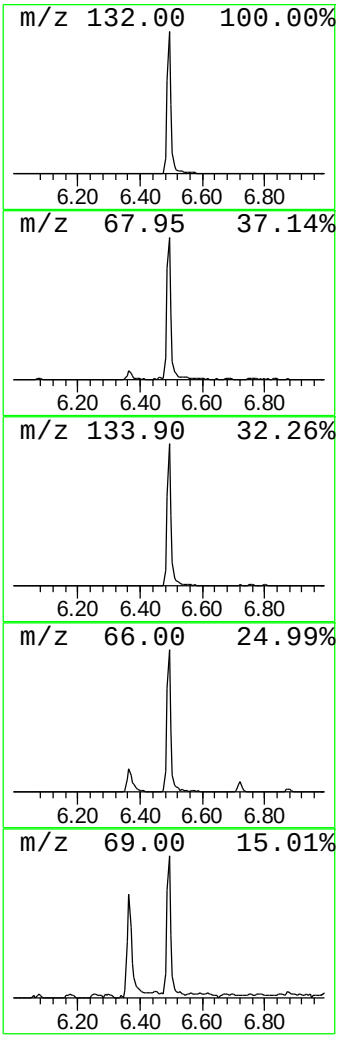
****

Peak Number 1 unknown6.49 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.49	8.48 ng	406382	1,4-Dichlorobenzene-d4	6.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	35
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	16
4	N-(-3,4-Methylenedioxyphenylisop...	267	C17H17NO2	1000378-96-6	12
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032119\
Data File : BF113219.D
Acq On : 21 Mar 2019 20:16
Operator : JU/SJ
Sample : K2004-05 10X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-24(7-8)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

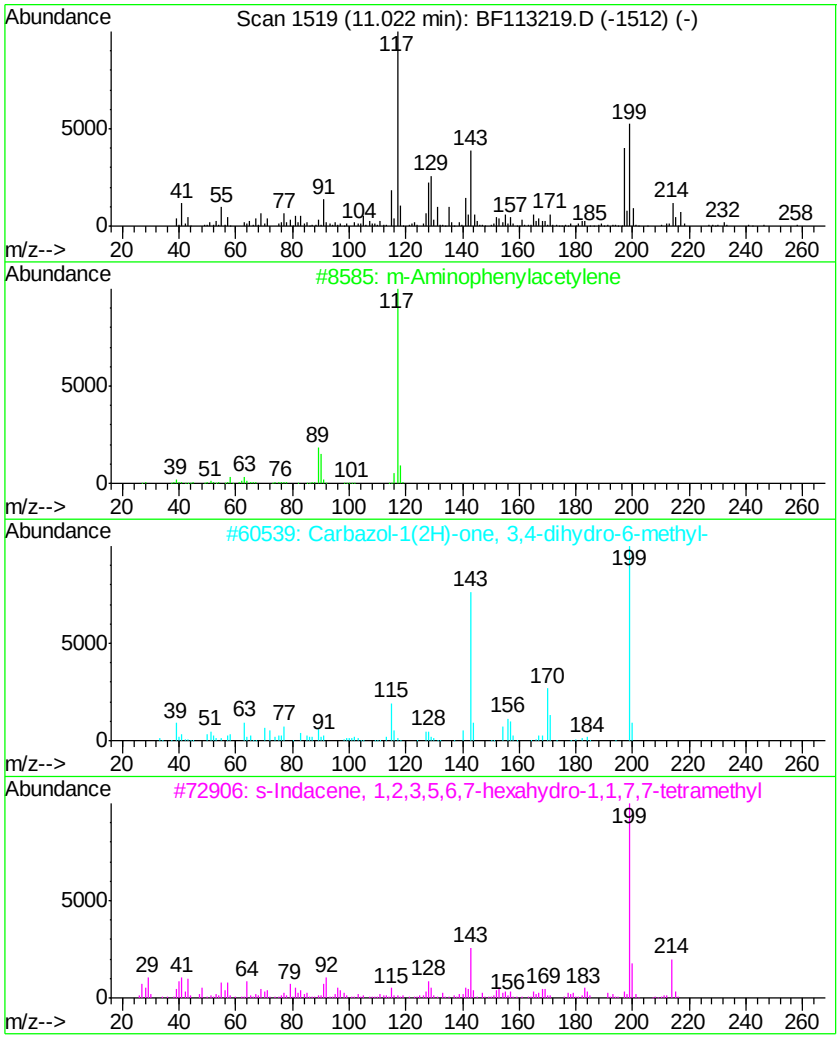
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

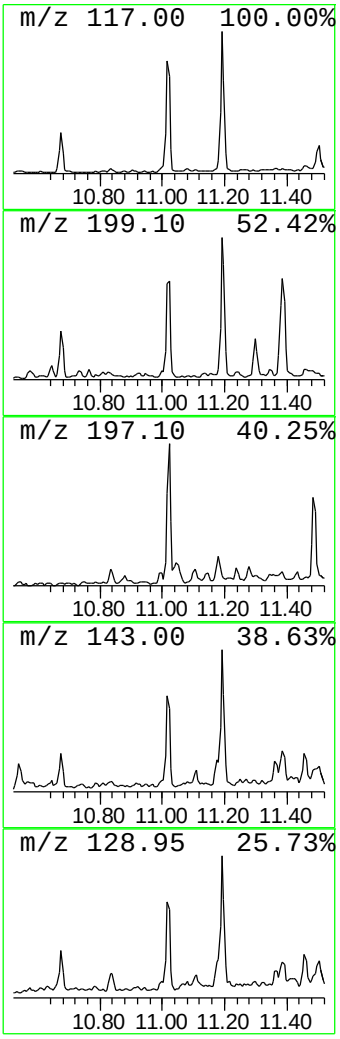
****

Peak Number 3 unknown11.02 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.02	13.33 ng	575400	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	m-Aminophenylacetylene	117	C8H7N	054060-30-9	18
2	Carbazol-1(2H)-one, 3,4-dihydro-...	199	C13H13NO	003449-48-7	18
3	s-Indacene, 1,2,3,5,6,7-hexahydr...	214	C16H22	006047-64-9	15
4	Indan, 1-methyl-	132	C10H12	000767-58-8	14
5	1H-Indene, 1-hexadecyl-2,3-dihydro-	342	C25H42	055334-29-7	14





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032119\
Data File : BF113219.D
Acq On : 21 Mar 2019 20:16
Operator : JU/SJ
Sample : K2004-05 10X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-24(7-8)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.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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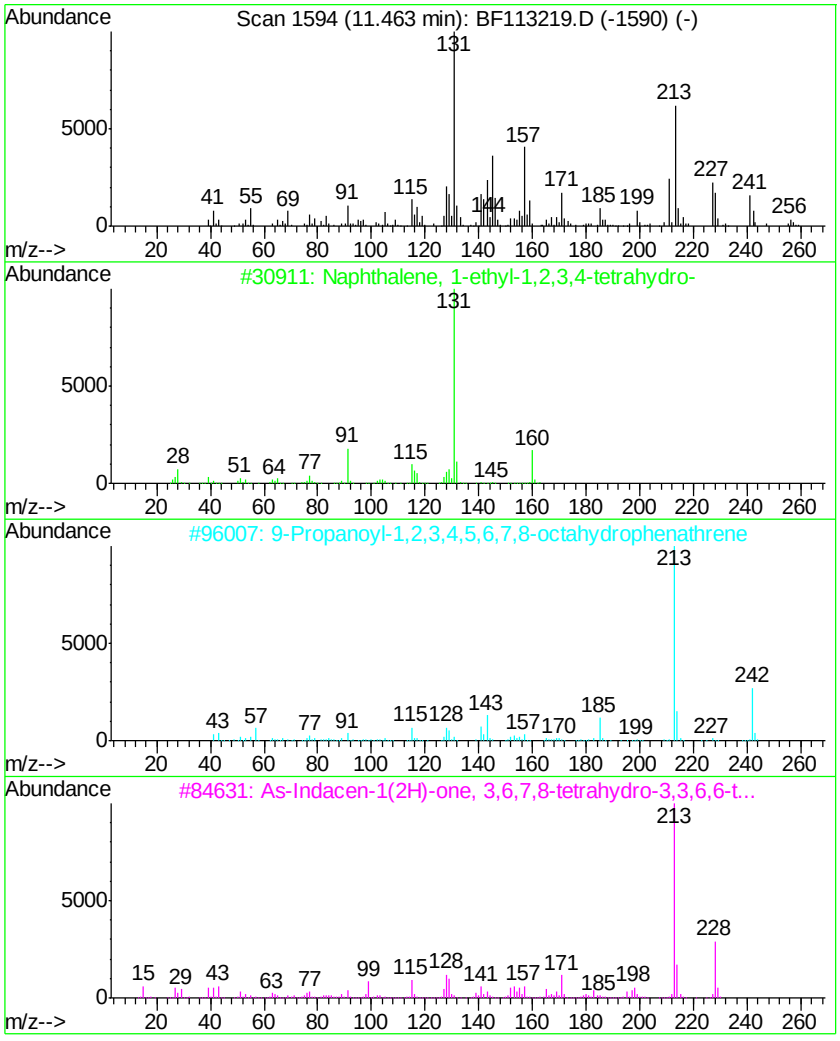
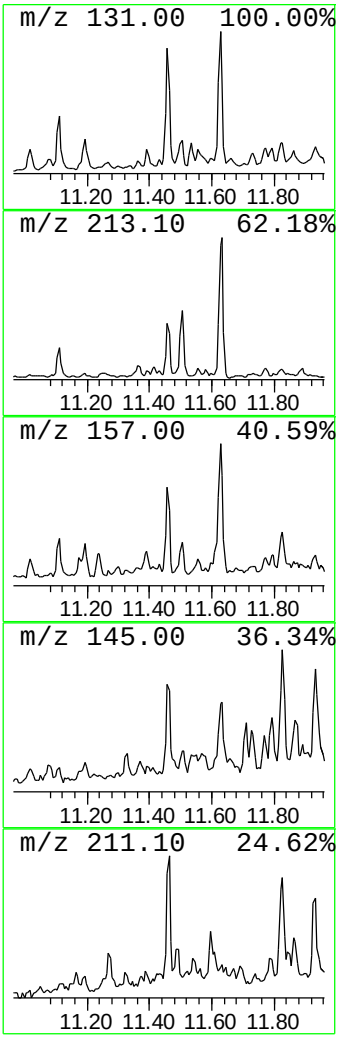
Peak Number 4 unknown11.49 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.46	6.67 ng	287975	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-ethyl-1,2,3,4-tet...	160	C12H16	013556-58-6	30
2	9-Propanoyl-1,2,3,4,5,6,7,8-octa...	242	C17H22O	1000255-01-4	30
3	As-Indacen-1(2H)-one, 3,6,7,8-te...	228	C16H20O	055591-18-9	30
4	Bicyclo[3.1.1]heptan-3-one, 2-be...	228	C16H20O	1000163-96-6	27
5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	27





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032119\
Data File : BF113219.D
Acq On : 21 Mar 2019 20:16
Operator : JU/SJ
Sample : K2004-05 10X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-24(7-8)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.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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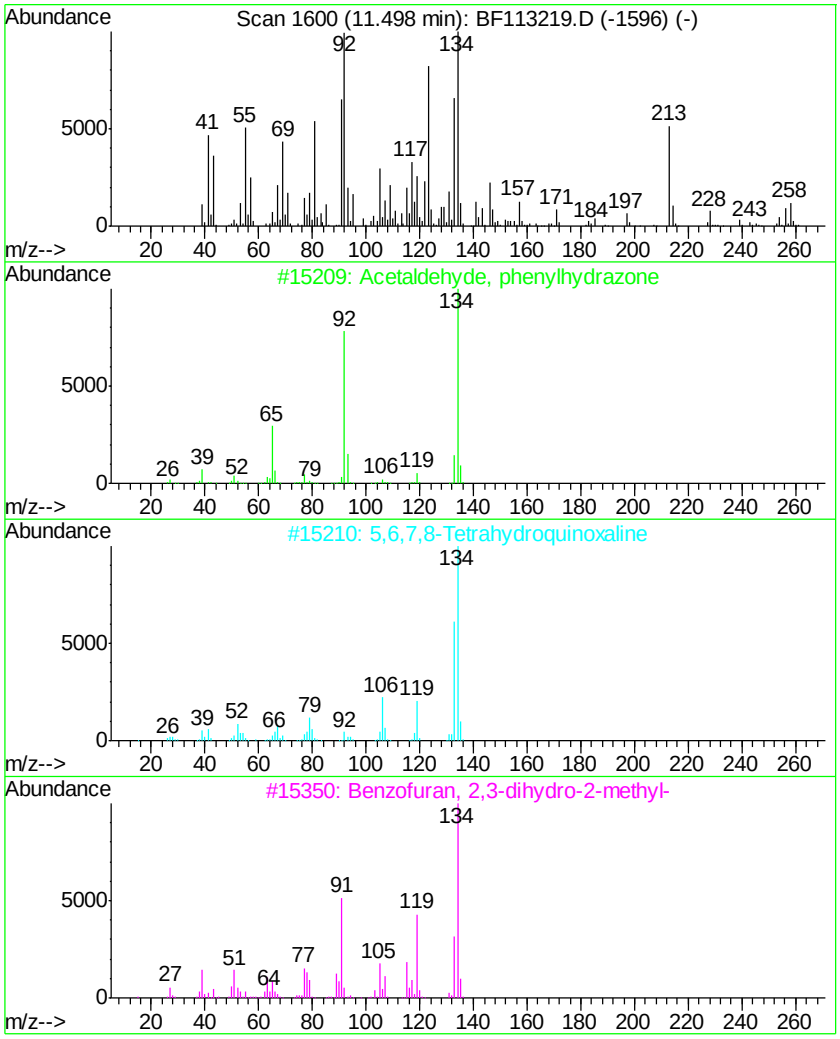
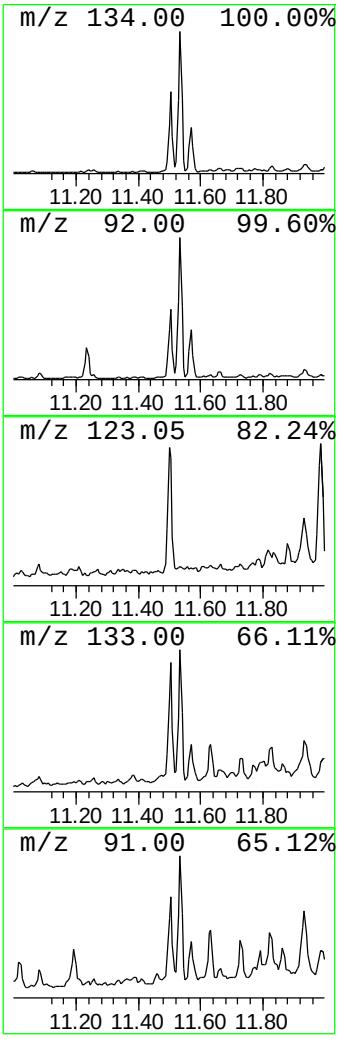
Peak Number 5 unknown11.50 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.50	17.27 ng	745612	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetaldehyde, phenylhydrazone	134	C8H10N2	000935-07-9	38
2	5,6,7,8-Tetrahydroquinoxaline	134	C8H10N2	034413-35-9	30
3	Benzofuran, 2,3-dihydro-2-methyl-	134	C9H10O	001746-11-8	30
4	2H-1-Benzopyran, 3,4-dihydro-	134	C9H10O	000493-08-3	25
5	Phenol, 2-(2-propenyl)-, acetate	176	C11H12O2	004125-54-6	22





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032119\
Data File : BF113219.D
Acq On : 21 Mar 2019 20:16
Operator : JU/SJ
Sample : K2004-05 10X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-24(7-8)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

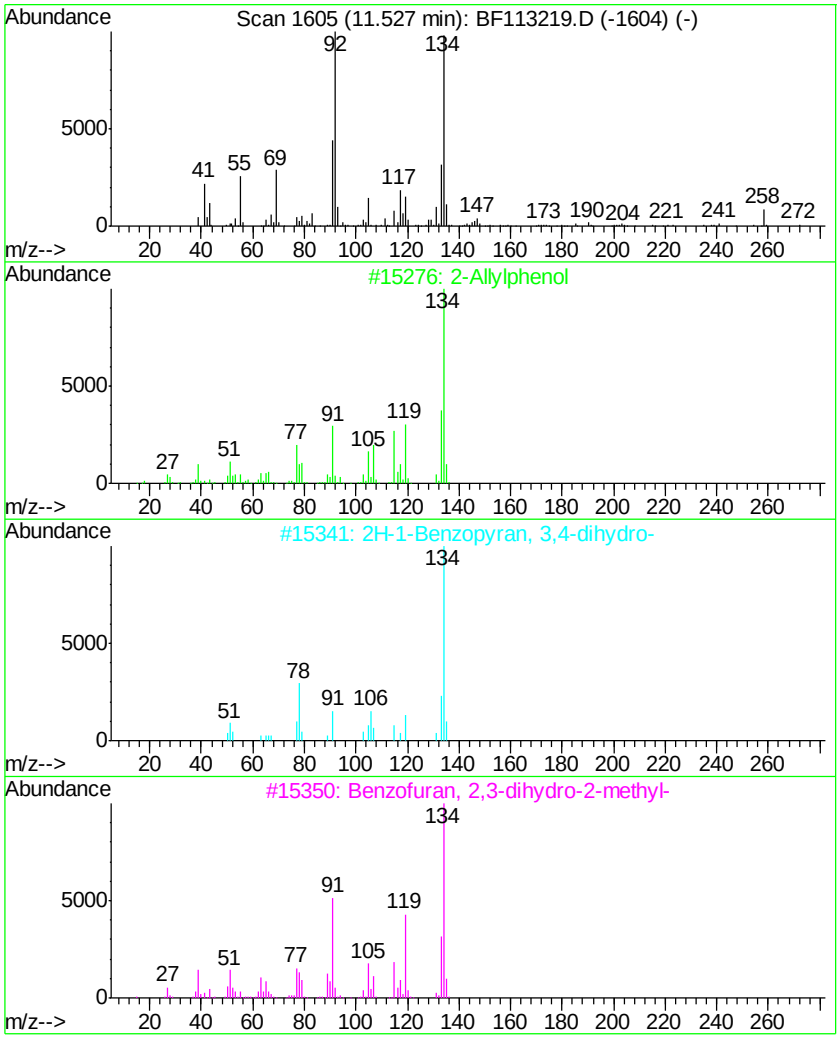
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

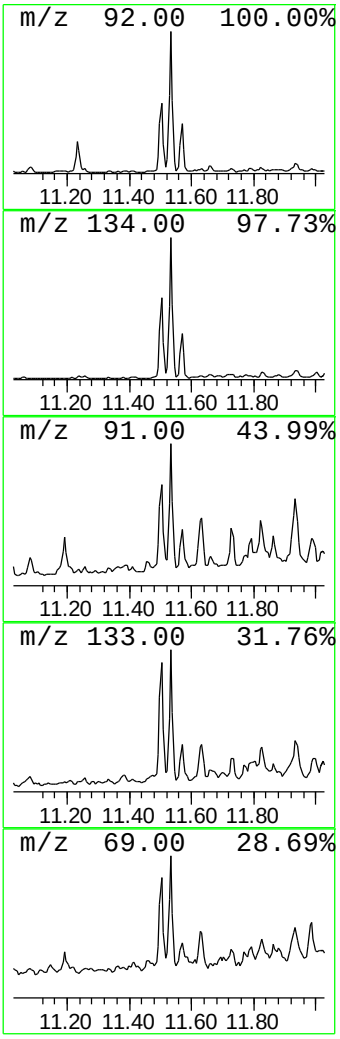
****

Peak Number 6 unknown11.53 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.53	11.32 ng	488499	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Allylphenol	134	C9H10O	001745-81-9	43
2	2H-1-Benzopyran, 3,4-dihydro-	134	C9H10O	000493-08-3	43
3	Benzofuran, 2,3-dihydro-2-methyl-	134	C9H10O	001746-11-8	43
4	5,6,7,8-Tetrahydroquinoxaline	134	C8H10N2	034413-35-9	38
5	2-Isopropyl-6-methylaniline	149	C10H15N	005266-85-3	35





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Acq On : 21 Mar 2019 20:16
Operator : JU/SJ
Sample : K2004-05 10X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-24(7-8)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.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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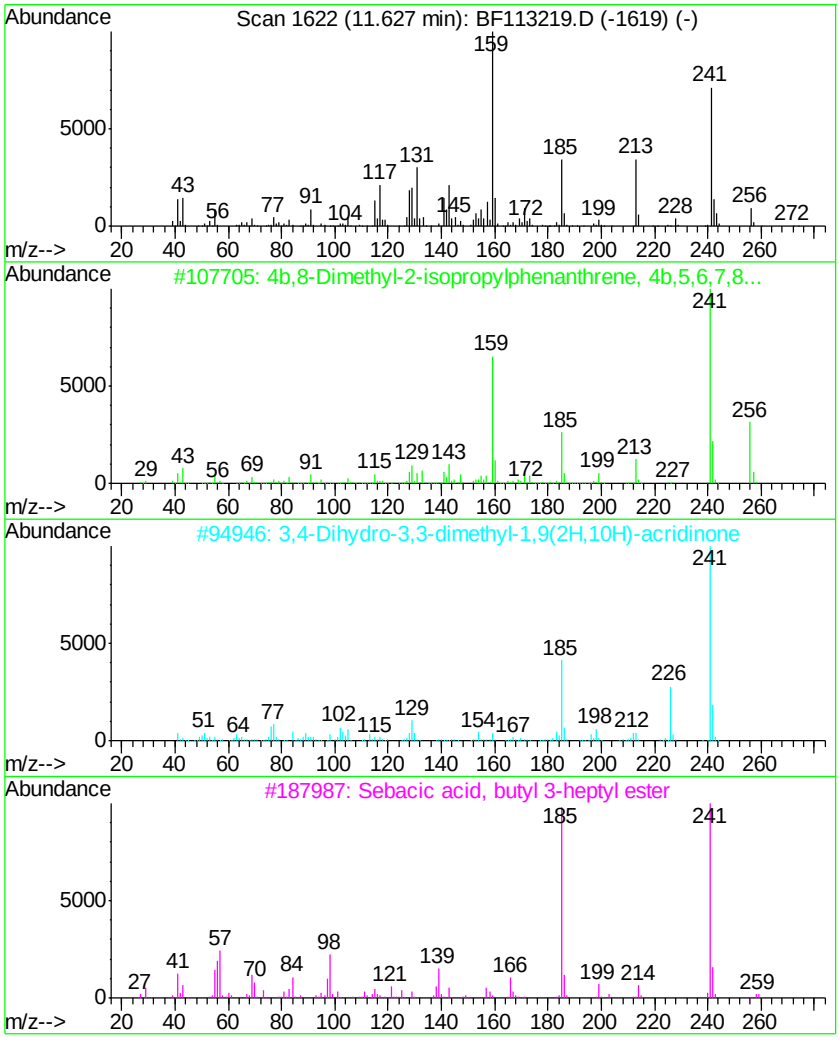
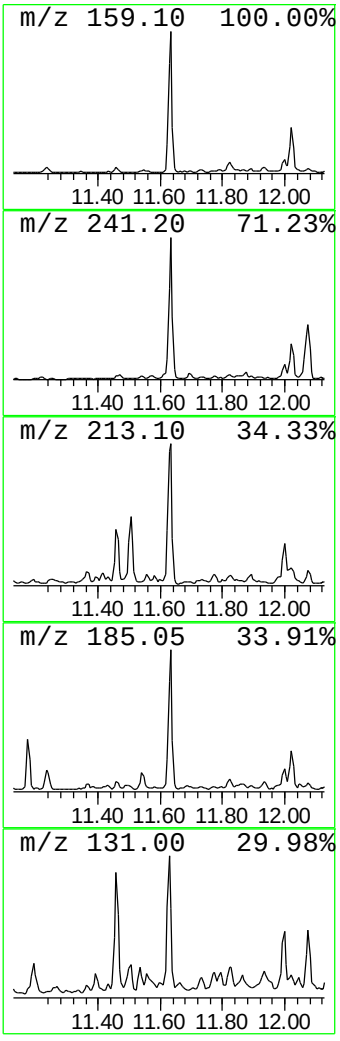
Peak Number 7 unknown11.63 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.63	31.38 ng	1354610	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4b,8-Dimethyl-2-isopropylphenant...	256	C19H28	1000197-14-1	38
2	3,4-Dihydro-3,3-dimethyl-1,9(2H,...	241	C15H15NO2	1000212-95-2	35
3	Sebacic acid, butyl 3-heptyl ester	356	C21H40O4	1000355-57-7	35
4	Bisphenol C	256	C17H20O2	000079-97-0	27
5	Isoxazole, 5-methyl-4-phenyl-	159	C10H9NO	023253-49-8	25





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Sample : K2004-05 10X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-24(7-8)

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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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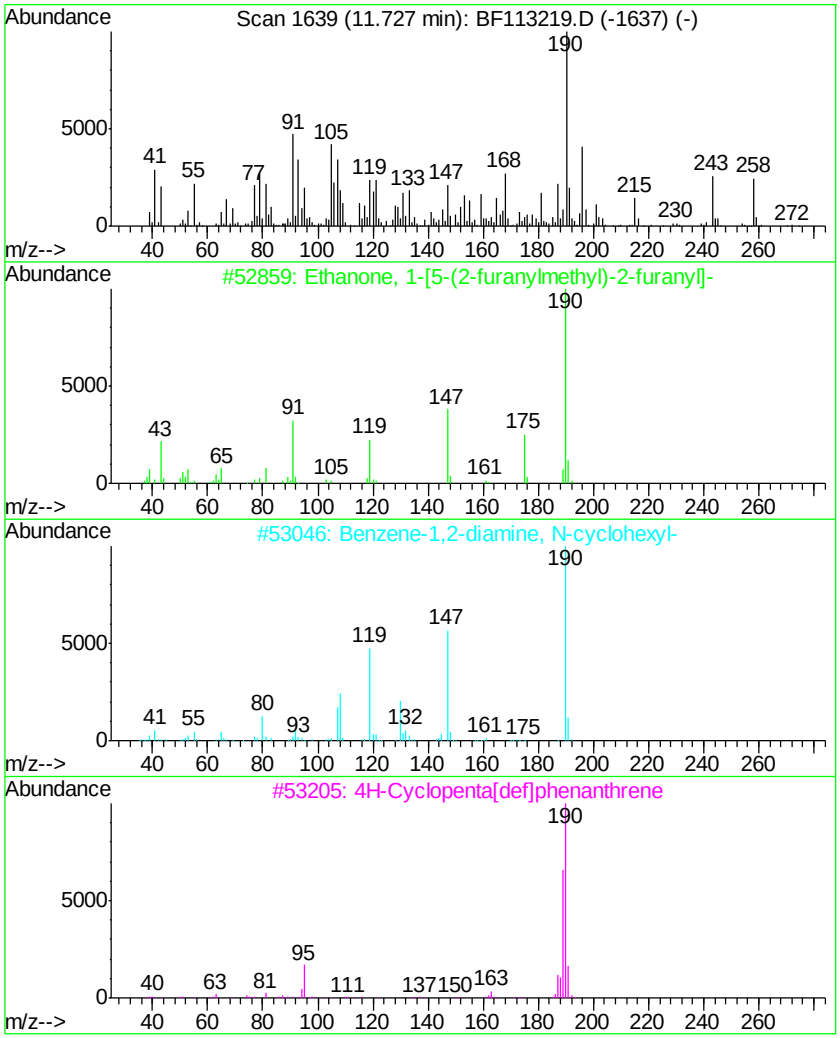
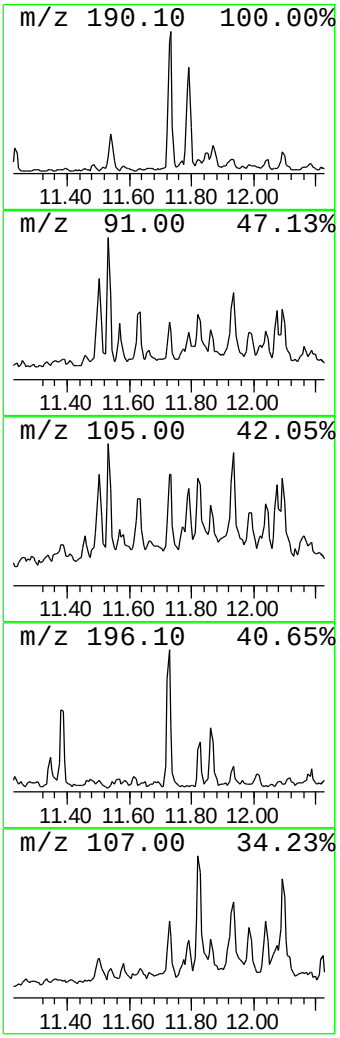
Peak Number 8 unknown11.73 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.73	7.87 ng	339570	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanone, 1-[5-(2-furanylmethyl)...	190	C11H10O3	052805-84-2	38
2	Benzene-1,2-diamine, N-cyclohexyl-	190	C12H18N2	1000303-07-6	32
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	30
4	Dihydrocoumarin, 5,7,8-trimethyl-	190	C12H14O2	040614-33-3	30
5	4,7-Dimethoxy-2-methyl-1H-indene	190	C12H14O2	1000188-03-2	22





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Misc :
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Instrument : BNA_F
ClientSampleId : SB-24(7-8)

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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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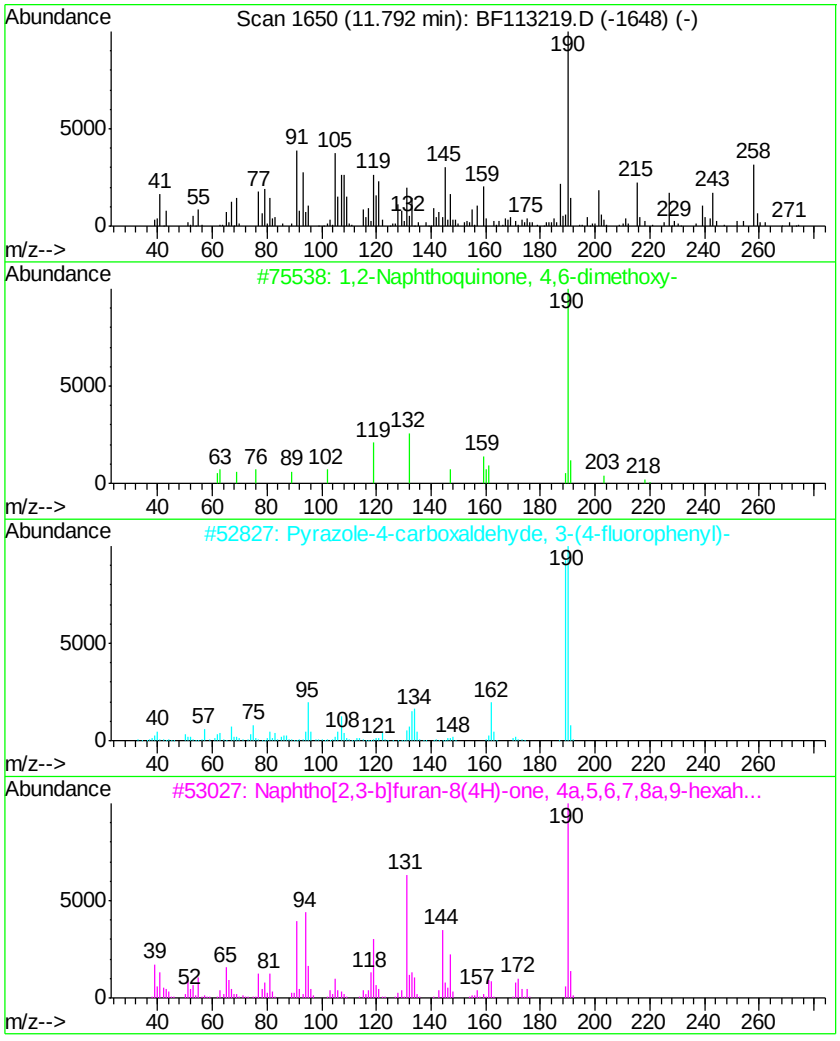
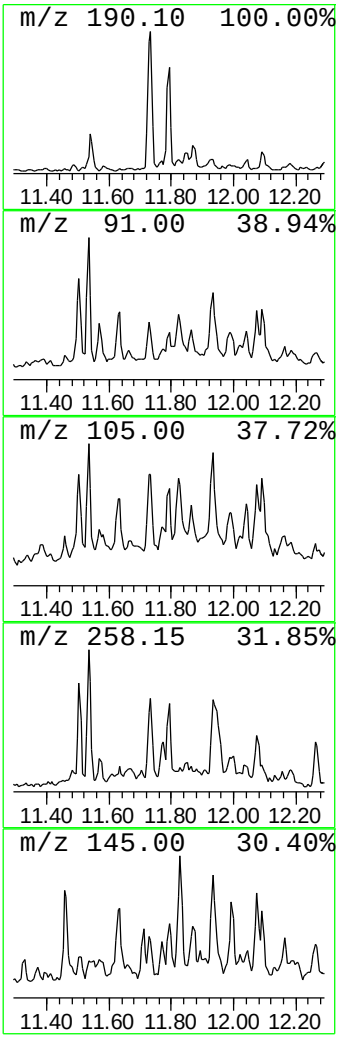
Peak Number 9 unknown11.79 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.79	5.98 ng	258116	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Naphthoquinone, 4,6-dimethoxy-	218	C12H10O4	032358-80-8	35
2	Pyrazole-4-carboxaldehyde, 3-(4-...	190	C10H7FN2O	306936-57-2	27
3	Naphtho[2,3-b]furan-8(4H)-one, 4...	190	C12H14O2	1000221-38-2	25
4	3,5-Dichlorobenzoic acid	190	C7H4Cl2O2	000051-36-5	25
5	Ethanone, 1-[5-(2-furanylmethyl)...	190	C11H10O3	052805-84-2	22





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Sample : K2004-05 10X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-24(7-8)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.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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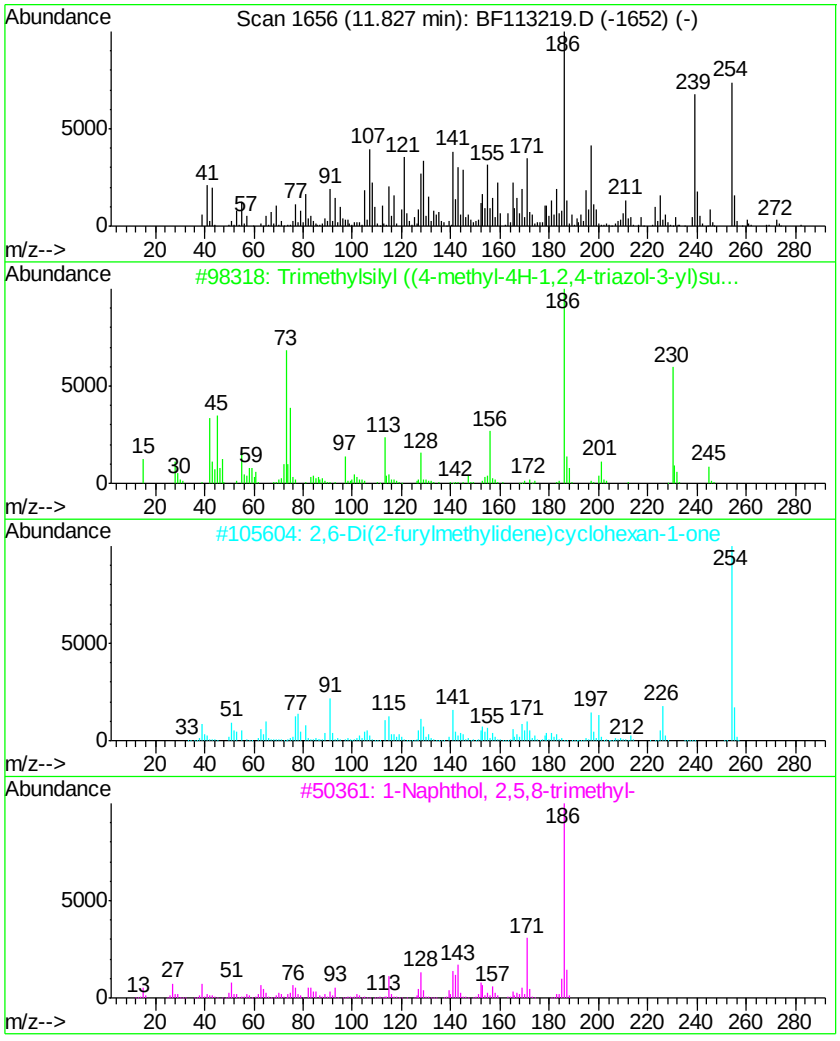
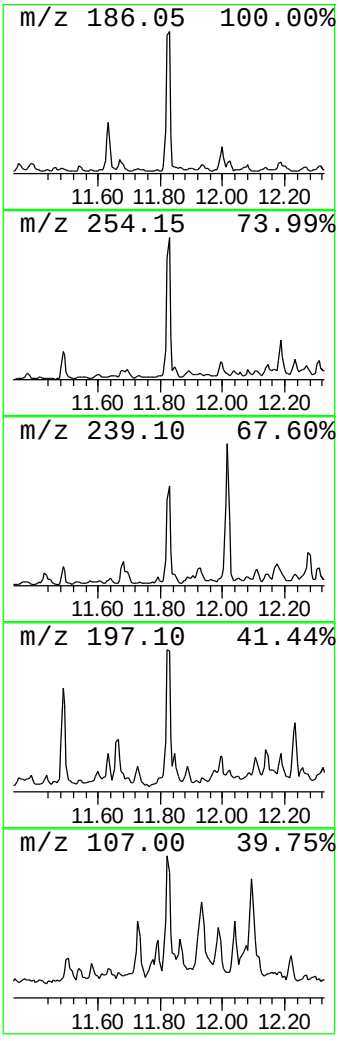
Peak Number 10 Trimethylsilyl ((4-methyl-4... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.83	26.68 ng	1151810	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trimethylsilyl ((4-methyl-4H-1,2...	245	C8H15N3O2SSi	1000297-95-6	59
2	2,6-Di(2-furylmethylidene)cycloh...	254	C16H14O3	000893-00-5	38
3	1-Naphthol, 2,5,8-trimethyl-	186	C13H14O	033583-02-7	15
4	p-Dimethylaminobenzylidene p-ani...	254	C16H18N2O	001749-04-8	15
5	((3-Indolyl)(methylthio)methylen...	239	C13H9N3S	018374-66-8	15





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Sample : K2004-05 10X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-24(7-8)

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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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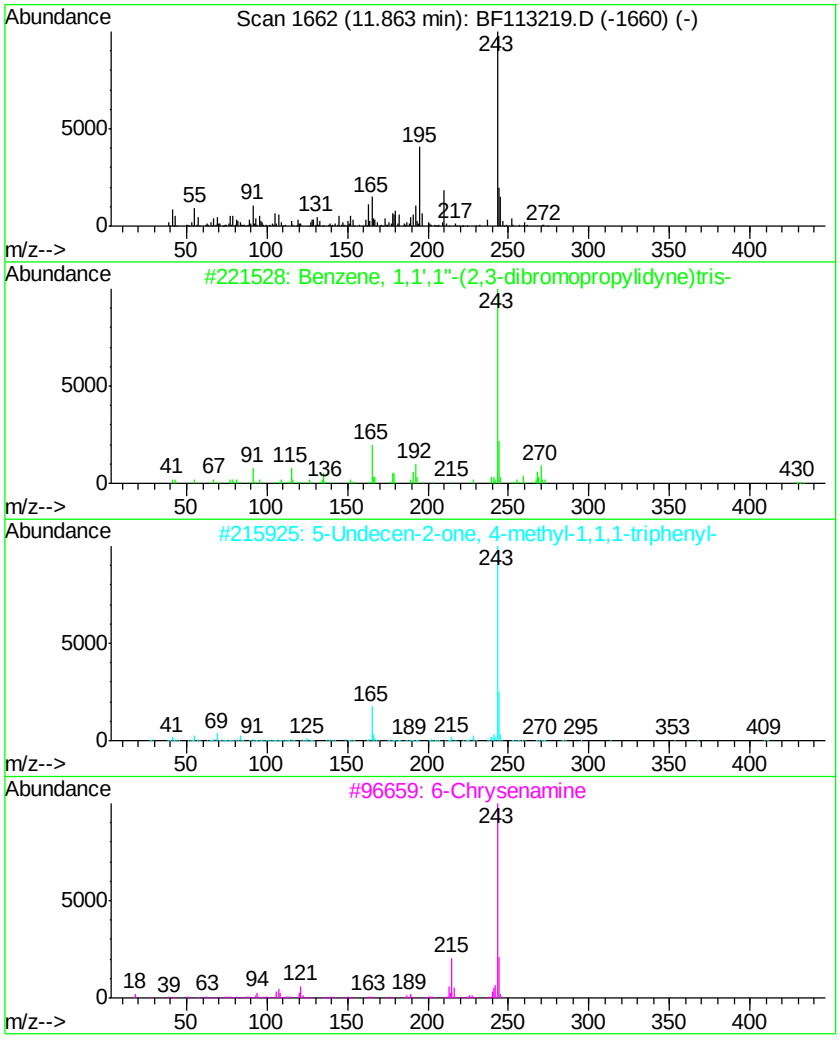
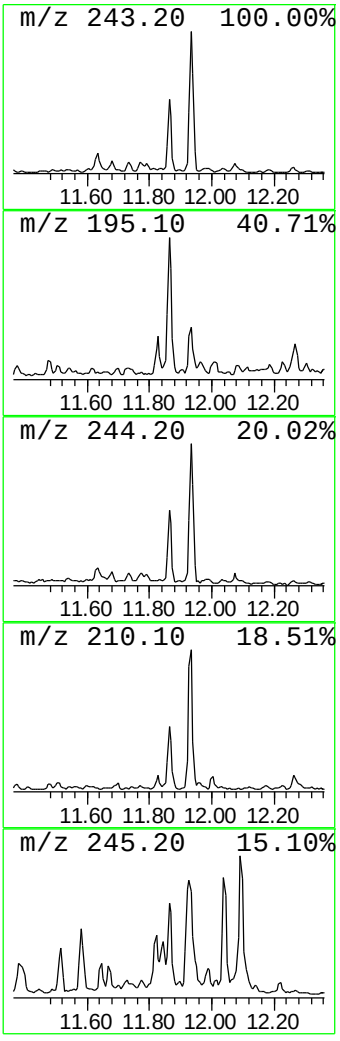
Peak Number 11 unknown11.86 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.86	17.42 ng	752053	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,1',1''-(2,3-dibromopr...	428	C21H18Br2	055334-97-9	47
2	5-Undecen-2-one, 4-methyl-1,1,1-...	410	C30H34O	1000197-51-8	43
3	6-Chrysenamine	243	C18H13N	002642-98-0	43
4	4-Isoxazolidinamine, 3-oxo-N-(p-...	498	C29H26N2O4S	1000256-00-1	43
5	2,7-Anhydro-1-trityl-l-galacto-h...	434	C26H26O6	1000126-10-4	43





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Sample : K2004-05 10X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-24(7-8)

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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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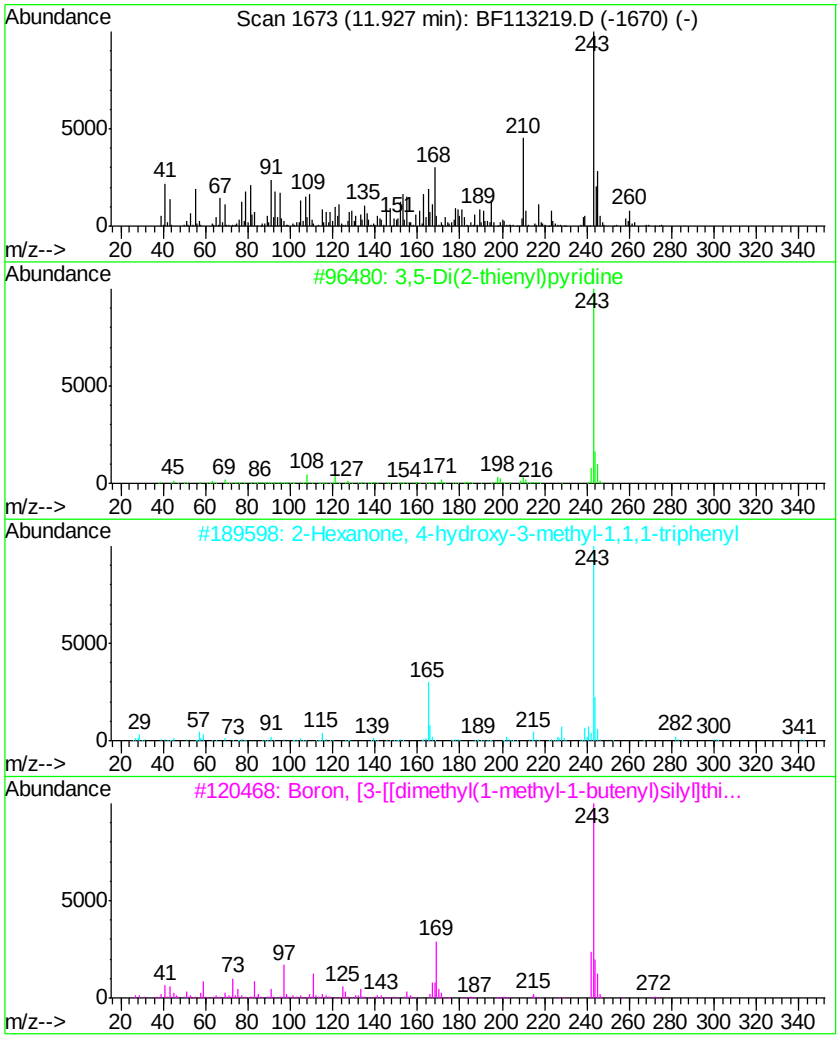
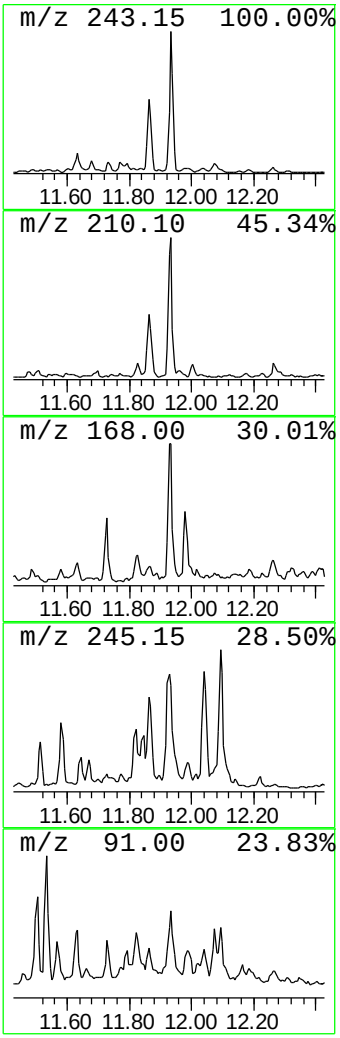
Peak Number 12 3,5-Di(2-thienyl)pyridine Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.93	28.14 ng	1215020	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,5-Di(2-thienyl)pyridine	243	C13H9NS2	117823-19-5	58
2	2-Hexanone, 4-hydroxy-3-methyl-1...	358	C25H26O2	1000198-02-1	53
3	Boron, [3-[[dimethyl(1-methyl-1-...	272	C12H25BS2Si	127855-38-3	53
4	Silane, diethylbutoxy(cis-4-meth...	272	C15H32O2Si	1000363-55-0	53
5	Heptanoic acid, triisopropylsily...	286	C16H34O2Si	1000279-49-1	53





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Operator : JU/SJ
Sample : K2004-05 10X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-24(7-8)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.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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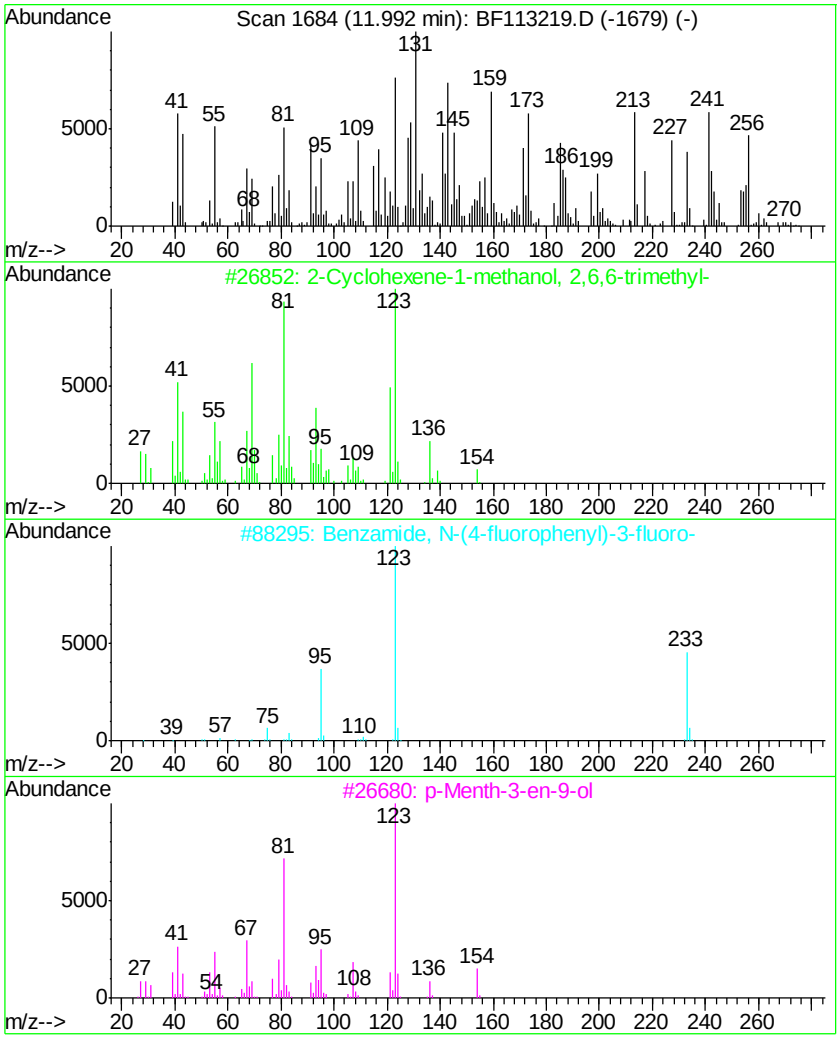
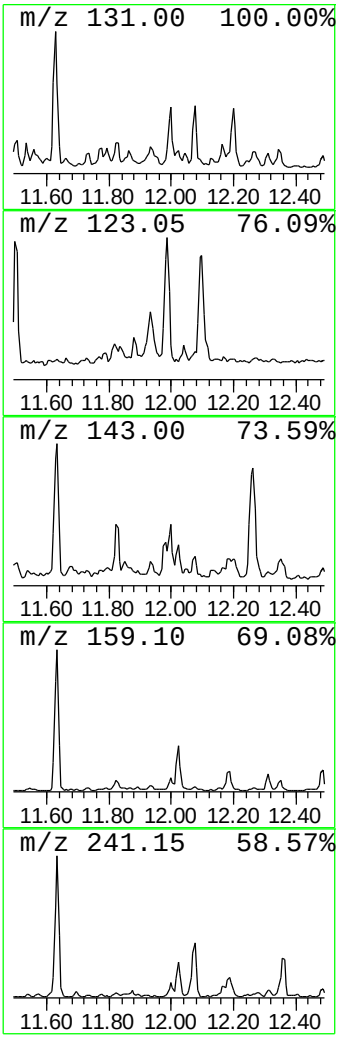
Peak Number 13 unknown11.99 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.99	25.00 ng	1079520	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Cyclohexene-1-methanol, 2,6,6-...	154	C10H18O	006627-74-3	38
2	Benzamide, N-(4-fluorophenyl)-3-...	233	C13H9F2NO	1000307-16-3	35
3	p-Menth-3-en-9-ol	154	C10H18O	015714-10-0	27
4	Bicyclo[2.2.2]octane, 1-bromo-4-...	202	C9H15Br	000697-40-5	25
5	1,2,3,6-Tetrahydropyridine, 1-ac...	233	C13H15NO3	094427-36-8	25





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Sample : K2004-05 10X
Misc :
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Instrument : BNA_F
ClientSampleId : SB-24(7-8)

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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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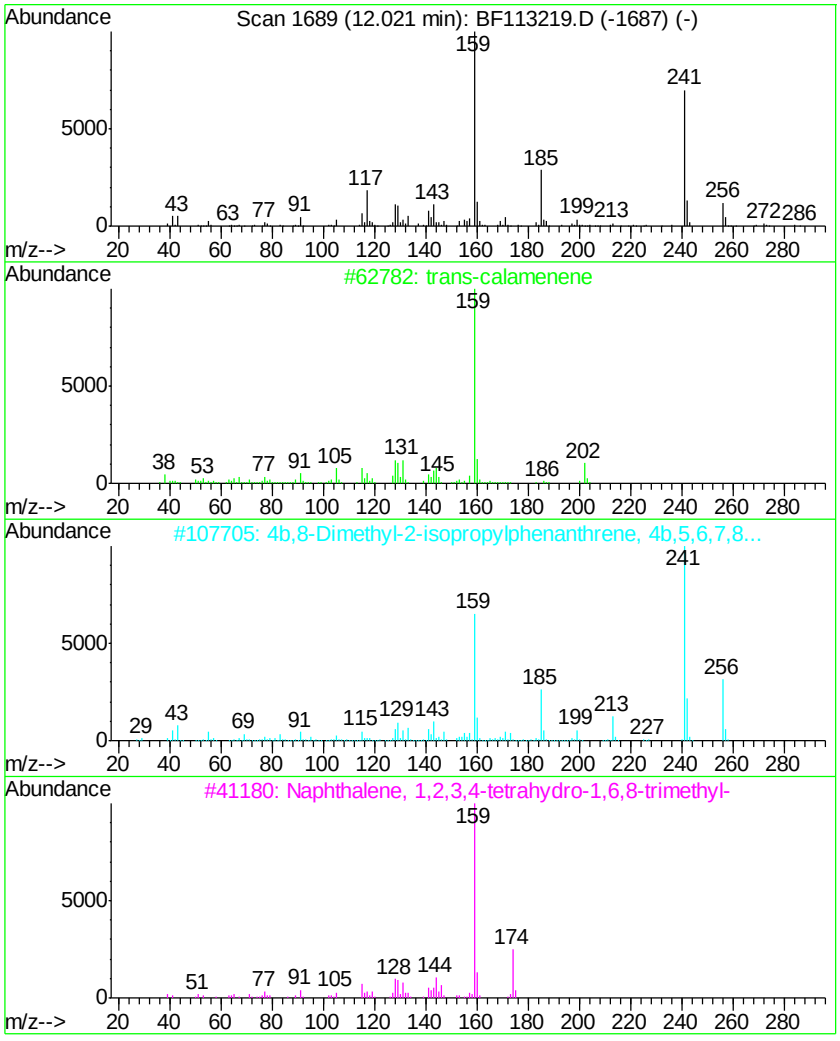
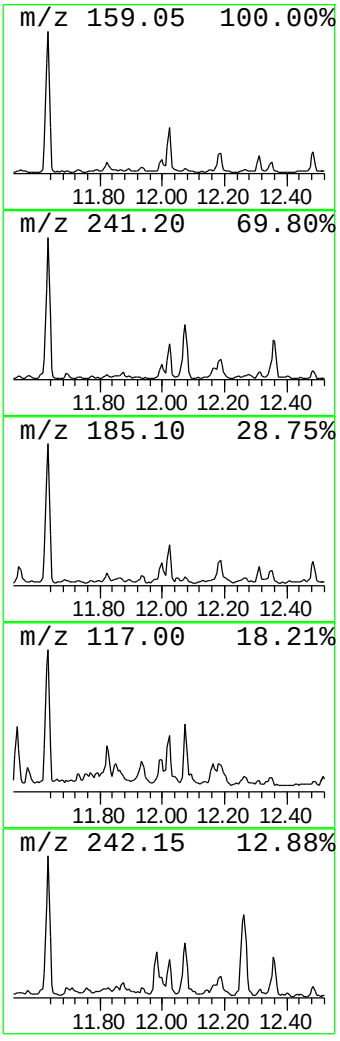
Peak Number 14 unknown12.02 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.02	10.43 ng	450248	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-calamenene	202	C15H22	1000374-17-3	47
2	4b,8-Dimethyl-2-isopropylphenant...	256	C19H28	1000197-14-1	46
3	Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	030316-36-0	43
4	Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	000475-03-6	43
5	Naphthalene, 1,2,3,4-tetrahydro-...	202	C15H22	000483-77-2	43





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Sample : K2004-05 10X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-24(7-8)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.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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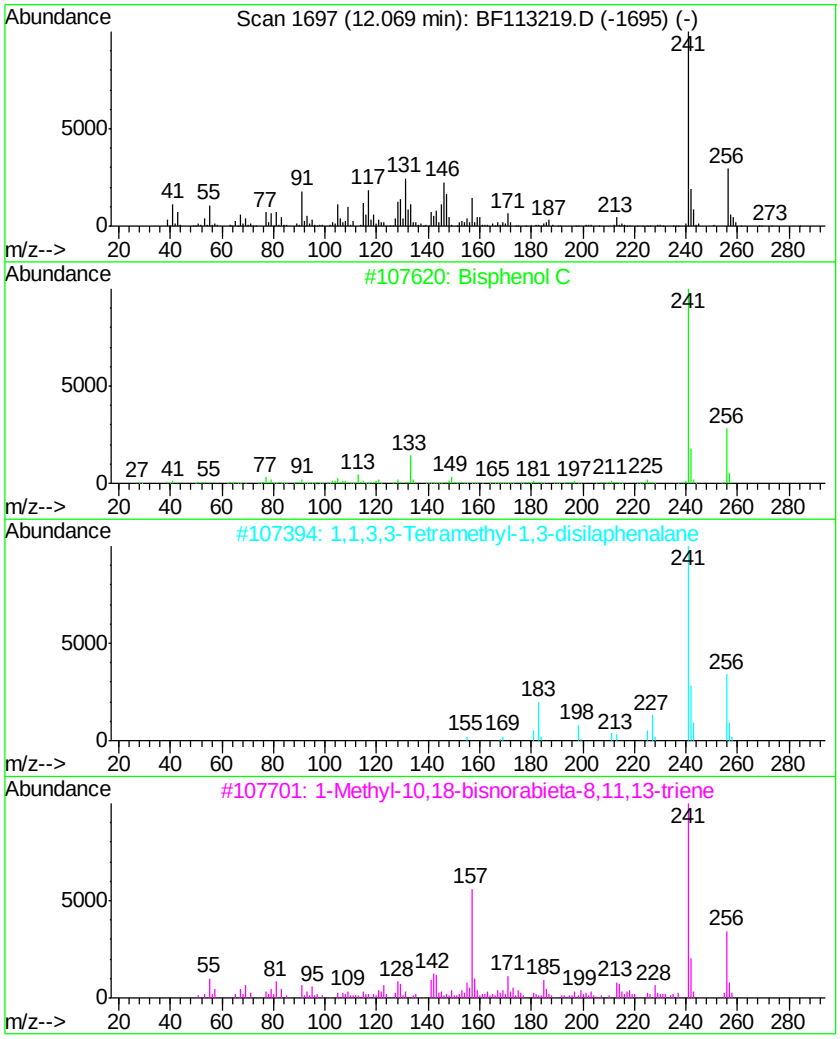
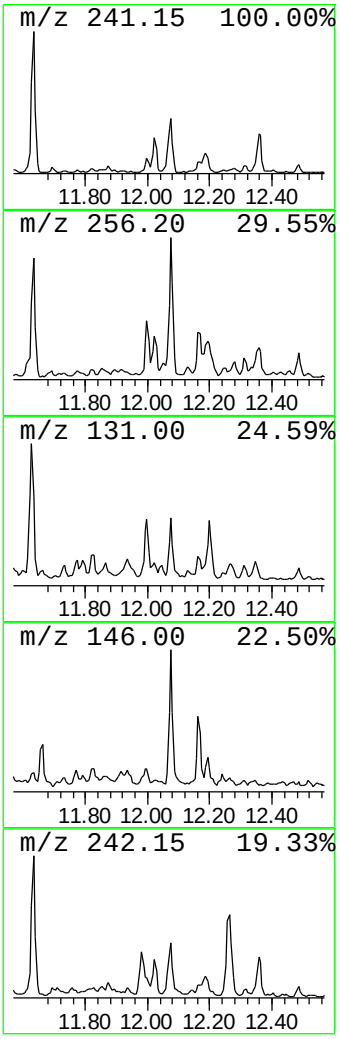
Peak Number 15 Bisphenol C Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.07	11.80 ng	509259	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bisphenol C	256	C17H20O2	000079-97-0	60
2	1,1,3,3-Tetramethyl-1,3-disilaph...	256	C15H20Si2	032538-51-5	56
3	1-Methyl-10,18-bisnorabieta-8,11...	256	C19H28	1000293-16-9	53
4	4b,8-Dimethyl-2-isopropylphenant...	256	C19H28	1000197-14-1	47
5	2-(4'-Methoxyphenyl)-2-(2'-metho...	256	C17H20O2	155726-81-1	47





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Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-24(7-8)

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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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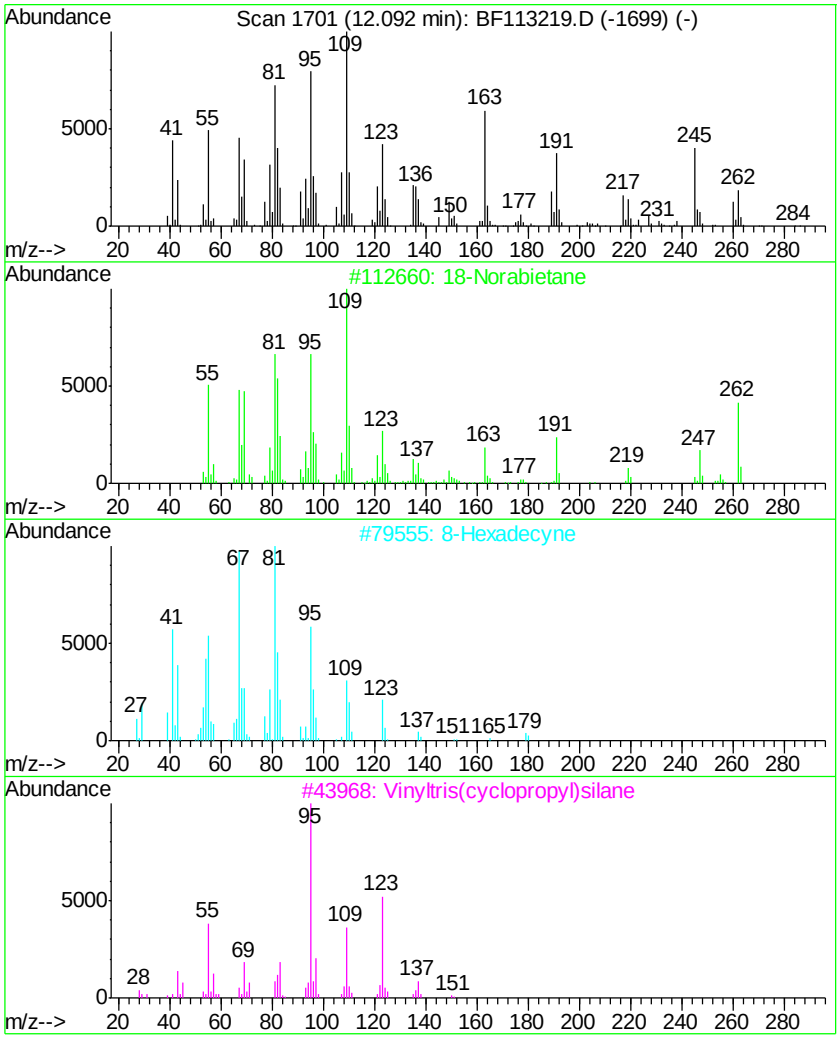
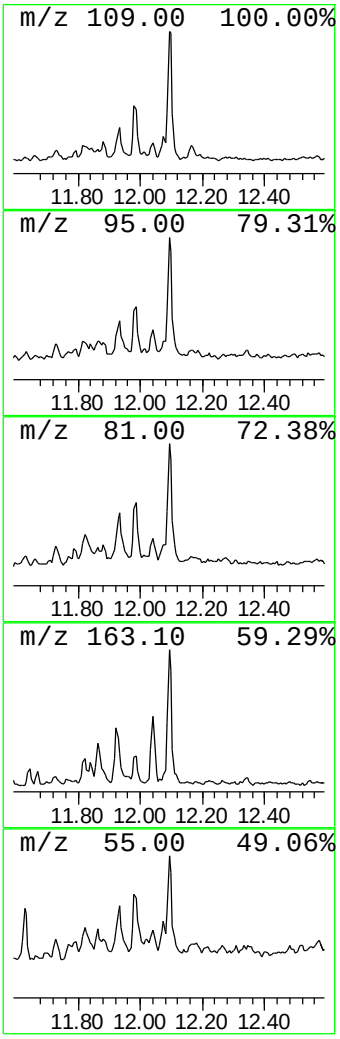
Peak Number 16 18-Norabietane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.09	19.64 ng	847961	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	18-Norabietane	262	C19H34	1000293-16-6	83
2	8-Hexadecyne	222	C16H30	019781-86-3	35
3	Vinyltris(cyclopropyl)silane	178	C11H18Si	1000109-97-3	27
4	Divinylbis(cyclopropyl)silane	164	C10H16Si	1000109-95-2	22
5	(7,7-Dimethyl-2-oxobicyclo[2.2.1...	250	C10H15ClO3S	1000194-76-1	22





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Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-24(7-8)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.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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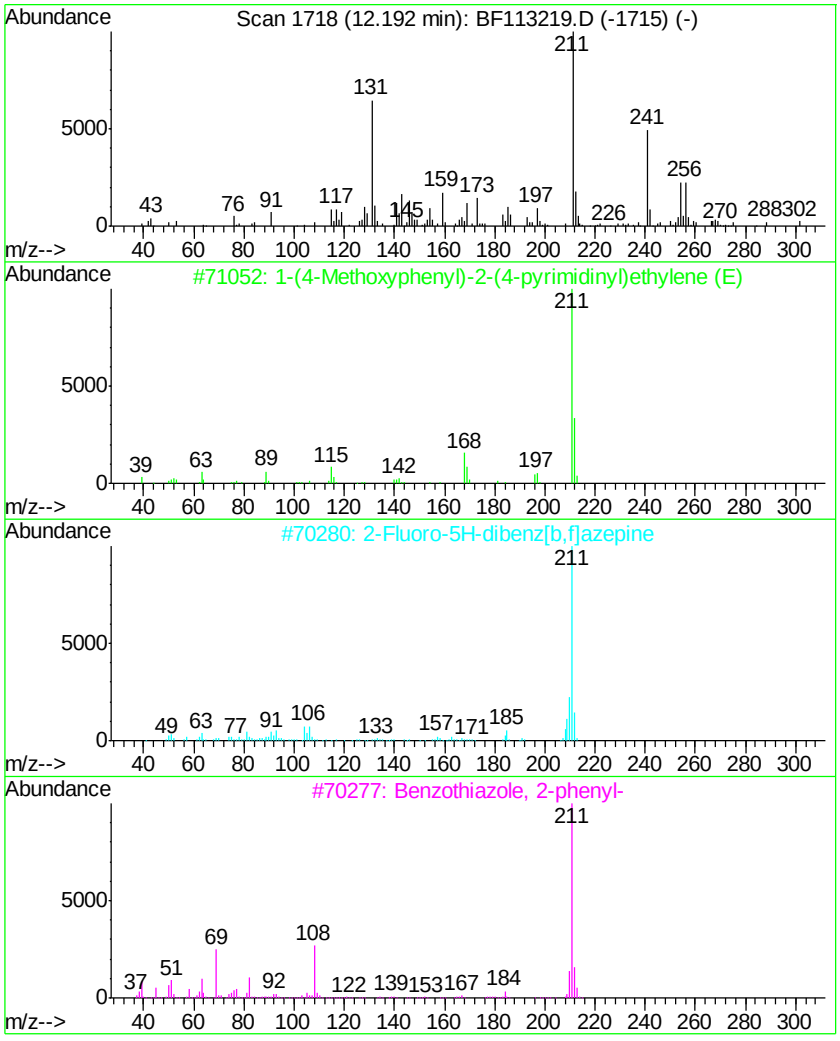
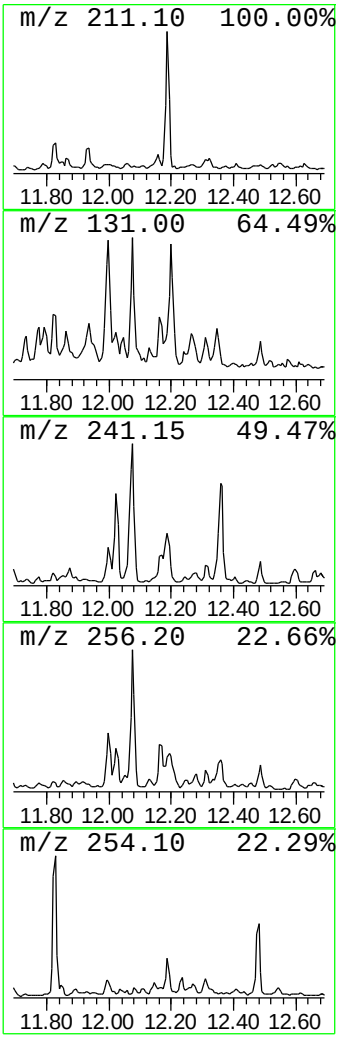
Peak Number 17 unknown12.19 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.19	11.36 ng	490515	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-(4-Methoxyphenyl)-2-(4-pyrimid...	212	C13H12N2O	163011-00-5	27
2	2-Fluoro-5H-dibenz[b,f]azepine	211	C14H10FN	024986-53-6	27
3	Benzothiazole, 2-phenyl-	211	C13H9NS	000883-93-2	25
4	Phenol, 2-(2-benzoxazolyl)-	211	C13H9NO2	000835-64-3	22
5	9H-Pyrido[3,4-b]indole-1-carboxa...	211	C12H9N3O	038940-60-2	22





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Data File : BF113219.D
Acq On : 21 Mar 2019 20:16
Operator : JU/SJ
Sample : K2004-05 10X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-24(7-8)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.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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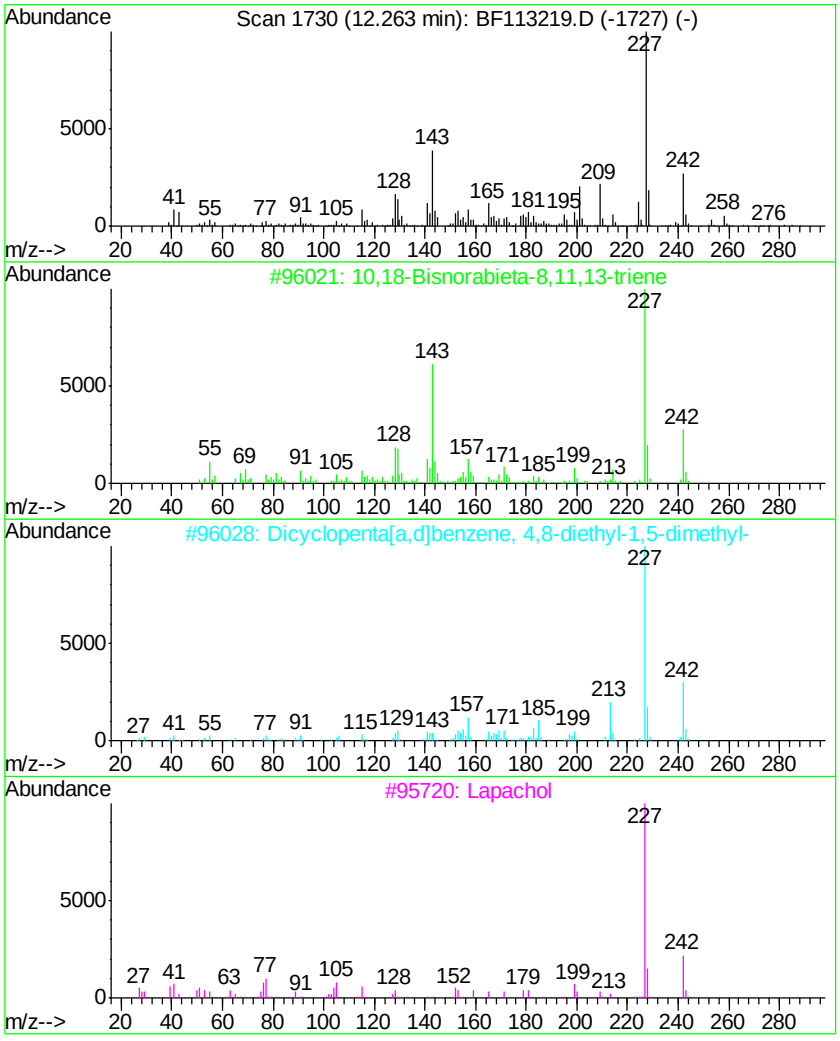
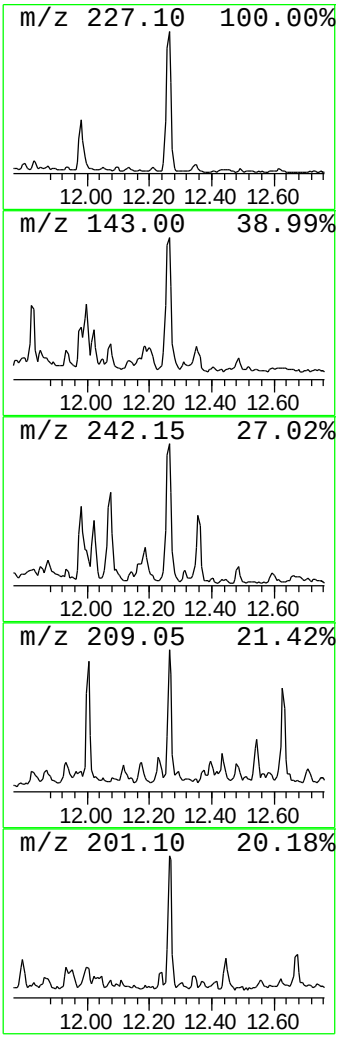
Peak Number 18 10,18-Bisnorabieta-8,11,13-... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.26	16.50 ng	712322	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10,18-Bisnorabieta-8,11,13-triene	242	C18H26	032624-67-2	92
2	Dicyclopenta[a,d]benzene, 4,8-di...	242	C18H26	1000156-41-6	50
3	Lapachol	242	C15H14O3	000084-79-7	50
4	s-Indacene-1,7-dione, 2,3,5,6-te...	242	C16H18O2	055591-17-8	46
5	1,4-Naphthalenedione, 2-hydroxy-...	242	C15H14O3	004042-39-1	45





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032119\
Data File : BF113219.D
Acq On : 21 Mar 2019 20:16
Operator : JU/SJ
Sample : K2004-05 10X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-24(7-8)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.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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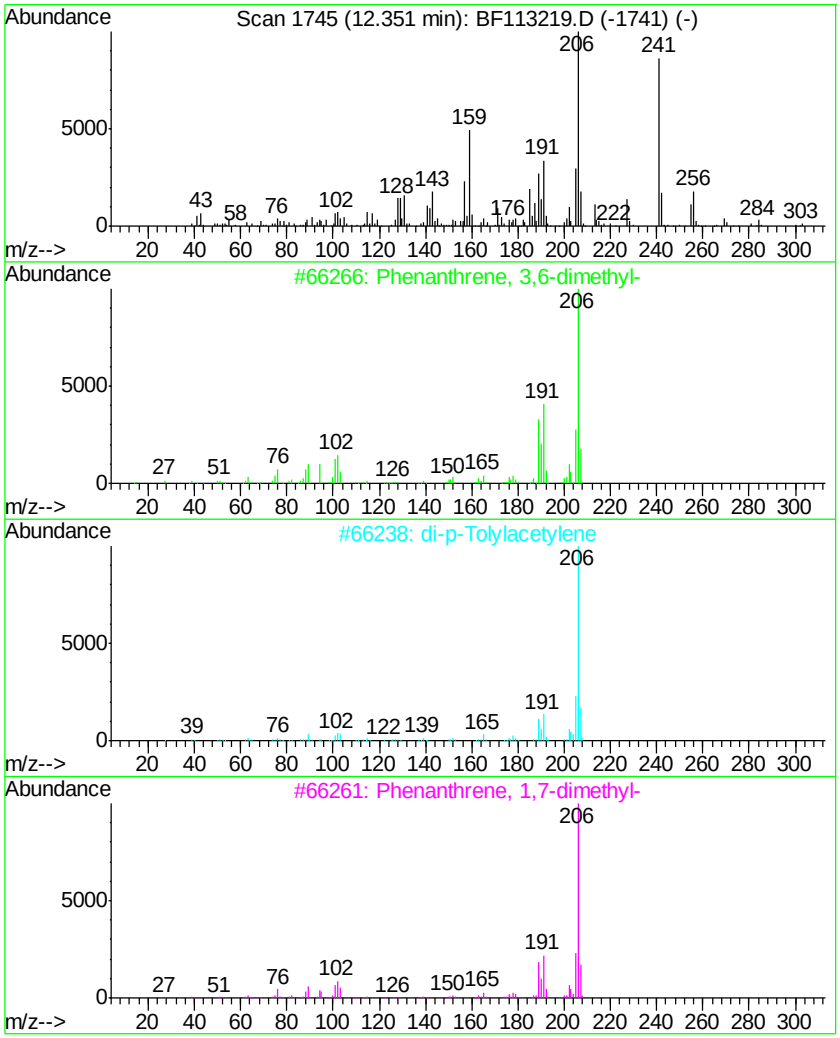
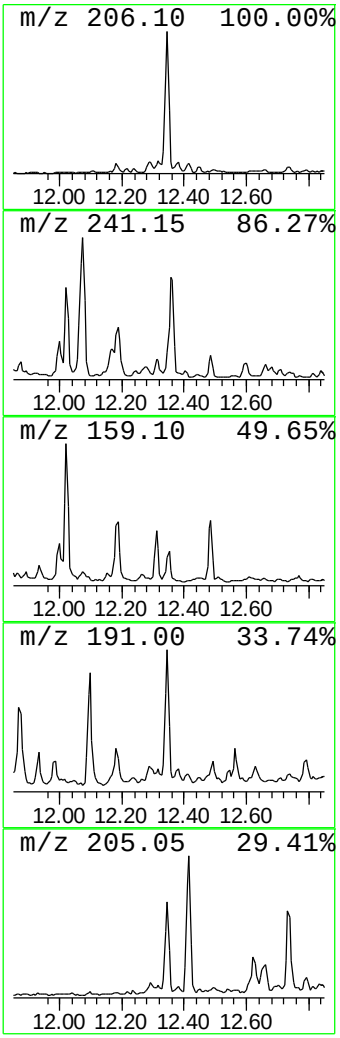
Peak Number 19 Phenanthrene, 3,6-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.35	12.12 ng	523399	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	96
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	93
3	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	92
4	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	80
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	70





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032119\
Data File : BF113219.D
Acq On : 21 Mar 2019 20:16
Operator : JU/SJ
Sample : K2004-05 10X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-24(7-8)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.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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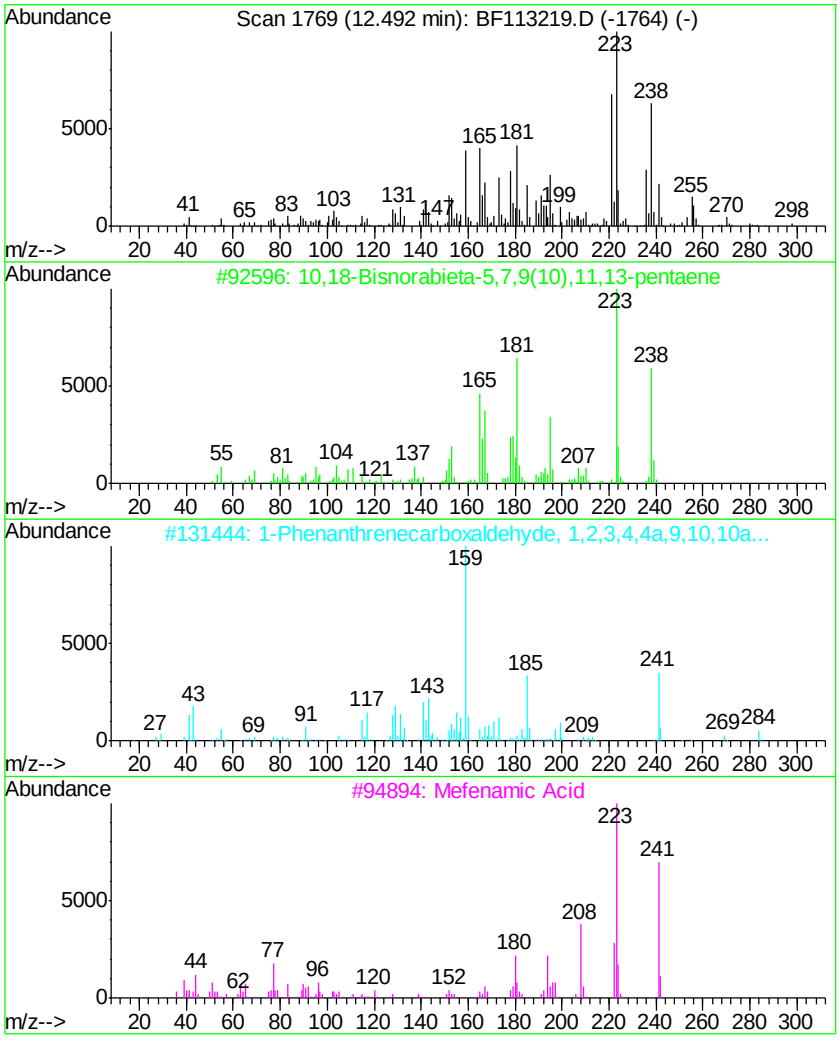
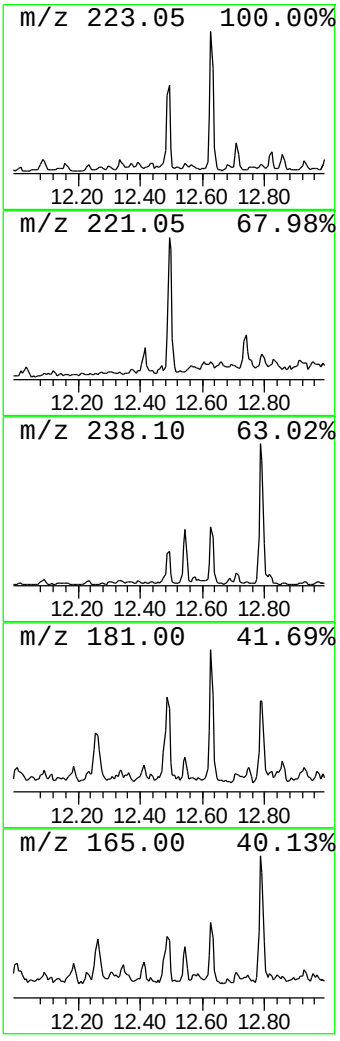
Peak Number 20 10,18-Bisnorabieta-5,7,9(10... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.49	10.19 ng	439850	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10,18-Bisnorabieta-5,7,9(10),11,...	238	C18H22	006566-19-4	64
2	1-Phenanthrenecarboxaldehyde, 1,...	284	C20H28O	024035-50-5	38
3	Mefenamic Acid	241	C15H15NO2	000061-68-7	20
4	3-(N,N-Diethylamino)carbazole	238	C16H18N2	054994-31-9	18
5	4,4'-Diisopropylbiphenyl	238	C18H22	018970-30-4	18





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032119\
Data File : BF113219.D
Acq On : 21 Mar 2019 20:16
Operator : JU/SJ
Sample : K2004-05 10X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-24(7-8)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.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
unknown6.49	6.49	8.5	ng	406382	1	6.72	958263	20.0
unknown11.02	11.02	13.3	ng	575400	4	11.23	863446	20.0
unknown11.49	11.46	6.7	ng	287975	4	11.23	863446	20.0
unknown11.50	11.50	17.3	ng	745612	4	11.23	863446	20.0
unknown11.53	11.53	11.3	ng	488499	4	11.23	863446	20.0
unknown11.63	11.63	31.4	ng	1354610	4	11.23	863446	20.0
unknown11.73	11.73	7.9	ng	339570	4	11.23	863446	20.0
unknown11.79	11.79	6.0	ng	258116	4	11.23	863446	20.0
Trimethylsilyl ((...	11.83	26.7	ng	1151810	4	11.23	863446	20.0
unknown11.86	11.86	17.4	ng	752053	4	11.23	863446	20.0
3,5-Di(2-thienyl)...	11.93	28.1	ng	1215020	4	11.23	863446	20.0
unknown11.99	11.99	25.0	ng	1079520	4	11.23	863446	20.0
unknown12.02	12.02	10.4	ng	450248	4	11.23	863446	20.0
Bisphenol C	12.07	11.8	ng	509259	4	11.23	863446	20.0
18-Norabietane	12.09	19.6	ng	847961	4	11.23	863446	20.0
unknown12.19	12.19	11.4	ng	490515	4	11.23	863446	20.0
10,18-Bisnorabiet...	12.26	16.5	ng	712322	4	11.23	863446	20.0
Phenanthrene, 3,6...	12.35	12.1	ng	523399	4	11.23	863446	20.0
10,18-Bisnorabiet...	12.49	10.2	ng	439850	4	11.23	863446	20.0