LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041218\
Data File : BF104458.D
Acq On : 12 Apr 2018 18:29
Operator : JU/SJ
Sample : J2335-03 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S2

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:\HPCHEM1\BNA_F\METHODS\8270-BF040618.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	5.004	493	496	503	rBV	56585	64524	1.02%	0.087%
2	5.416	562	566	569	rBV	1520584	1330399	21.00%	1.797%
3	6.045	669	673	677	rBV3	44130	64555	1.02%	0.087%
4	6.433	735	739	745	rBV	1376178	1343219	21.20%	1.814%
5	6.575	759	763	767	rVB	1646740	1424436	22.48%	1.924%
6	6.810	799	803	807	rVB	1021178	805792	12.72%	1.088%
7	6.886	809	816	819	rBV	230852	214150	3.38%	0.289%
8	6.963	825	829	832	rBV	1286618	1110161	17.52%	1.500%
9	7.210	864	871	874	rBV3	66432	84557	1.33%	0.114%
10	7.369	895	898	901	rBV	945668	786757	12.42%	1.063%
11	8.092	1015	1021	1023	rBV	1205043	1063291	16.78%	1.436%
12	8.116	1023	1025	1028	rVB	861461	607758	9.59%	0.821%
13	8.380	1063	1070	1074	rBV6	47042	67815	1.07%	0.092%
14	8.510	1089	1092	1094	rBV	89310	72068	1.14%	0.097%
15	8.804	1139	1142	1146	rVB	712409	588038	9.28%	0.794%
16	8.857	1146	1151	1155	rVV2	87820	102352	1.62%	0.138%
17	8.904	1155	1159	1163	rVV	553040	463748	7.32%	0.626%
18	8.998	1172	1175	1179	rVB2	81387	84005	1.33%	0.113%
19	9.110	1192	1194	1197	rBV	149780	116941	1.85%	0.158%
20	9.169	1200	1204	1207	rBV	1762459	1374863	21.70%	1.857%
21	9.251	1214	1218	1219	rBV3	79953	100119	1.58%	0.135%
22	9.269	1219	1221	1225	rVV	317290	252912	3.99%	0.342%
23	9.363	1235	1237	1243	rVB3	85772	92290	1.46%	0.125%
24	9.439	1243	1250	1253	rBV2	332113	474214	7.48%	0.641%
25	9.504	1253	1261	1264	rBV	510583	611327	9.65%	0.826%
26	9.533	1264	1266	1268	rVB	335032	234766	3.70%	0.317%
27	9.569	1268	1272	1275	rVB3	308482	275489	4.35%	0.372%
28	9.604	1275	1278	1279	rBV2	59513	64041	1.01%	0.087%
29	9.627	1279	1282	1283	rBV	166575	113847	1.80%	0.154%
30	9.710	1293	1296	1300	rBV	1117558	961193	15.17%	1.298%
31	9.757	1300	1304	1306	rBV3	58385	85840	1.35%	0.116%
32	9.827	1312	1316	1318	rBV3	253986	319408	5.04%	0.431%
33	9.851	1318	1320	1323	rVV	1129322	872381	13.77%	1.178%
34	9.880	1323	1325	1328	rVV2	419150	360936	5.70%	0.488%

LSC Area Percent Report

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Data File : BF104458.D
Acq On : 12 Apr 2018 18:29
Operator : JU/SJ
Sample : J2335-03 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S2

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:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	9.916	1328	1331	1334	rVB	190339	182544	2.88%	0.247%
36	9.951	1334	1337	1342	rBV2	112907	141278	2.23%	0.191%
37	9.998	1342	1345	1348	rBV4	102029	158868	2.51%	0.215%
38	10.057	1351	1355	1358	rVV	1627707	1468491	23.17%	1.984%
39	10.092	1358	1361	1366	rVV3	191149	269900	4.26%	0.365%
40	10.169	1371	1374	1376	rBV2	242179	241257	3.81%	0.326%
41	10.198	1376	1379	1381	rBV2	163632	168247	2.66%	0.227%
42	10.221	1381	1383	1385	rVB2	126644	106120	1.67%	0.143%
43	10.257	1385	1389	1391	rBV2	220128	270154	4.26%	0.365%
44	10.304	1395	1397	1400	rBV2	111980	123122	1.94%	0.166%
45	10.339	1400	1403	1404	rBV2	79446	90624	1.43%	0.122%
46	10.404	1410	1414	1417	rBV	2548062	2493267	39.35%	3.368%
47	10.498	1426	1430	1434	rBV	508930	648251	10.23%	0.876%
48	10.557	1437	1440	1443	rVB	560581	500954	7.91%	0.677%
49	10.621	1448	1451	1452	rBV	122433	128348	2.03%	0.173%
50	10.639	1452	1454	1458	rBV	1094655	1031161	16.27%	1.393%
51	10.768	1471	1476	1483	rVB	1075482	1305191	20.60%	1.763%
52	10.951	1504	1507	1509	rVB2	403965	309323	4.88%	0.418%
53	11.033	1519	1521	1524	rVB2	220916	167209	2.64%	0.226%
54	11.080	1527	1529	1531	rBV2	181650	199749	3.15%	0.270%
55	11.104	1531	1533	1534	rBV	193877	140093	2.21%	0.189%
56	11.239	1552	1556	1562	rVB	1495979	1607623	25.37%	2.172%
57	11.292	1562	1565	1567	rBV2	198971	267928	4.23%	0.362%
58	11.386	1575	1581	1583	rVB	3931402	6336588	100.00%	8.559%
59	11.427	1585	1588	1590	rVV	1464483	1070965	16.90%	1.447%
60	11.457	1590	1593	1595	rVB	371148	332751	5.25%	0.449%
61	11.580	1611	1614	1618	rBV	1364739	1302779	20.56%	1.760%
62	11.851	1657	1660	1662	rBV	736009	607877	9.59%	0.821%
63	11.880	1662	1665	1668	rVB	1136100	935302	14.76%	1.263%
64	11.927	1670	1673	1676	rBV2	350756	439839	6.94%	0.594%
65	11.963	1676	1679	1681	rVV2	1355494	1393103	21.99%	1.882%
66	11.986	1681	1683	1687	rVB	611726	532150	8.40%	0.719%
67	12.080	1697	1699	1701	rBV	387383	328292	5.18%	0.443%
68	12.151	1708	1711	1713	rBV	469963	463333	7.31%	0.626%
69	12.174	1713	1715	1718	rVB	739135	584610	9.23%	0.790%
70	12.327	1739	1741	1744	rBV	299364	233740	3.69%	0.316%
71	12.410	1752	1755	1757	rBV	278772	274423	4.33%	0.371%

LSC Area Percent Report

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Data File : BF104458.D
Acq On : 12 Apr 2018 18:29
Operator : JU/SJ
Sample : J2335-03 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S2

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:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	12.586	1779	1785	1787	rBV	3548395	5096637	80.43%	6.885%
73	12.610	1787	1789	1791	rBV3	167060	181892	2.87%	0.246%
74	12.662	1796	1798	1802	rBV	538913	515991	8.14%	0.697%
75	12.810	1816	1823	1826	rBV2	3224171	5030461	79.39%	6.795%
76	12.845	1827	1829	1834	rVB2	455684	536065	8.46%	0.724%
77	12.915	1839	1841	1842	rBV	360515	266976	4.21%	0.361%
78	12.933	1842	1844	1846	rVV	636678	484969	7.65%	0.655%
79	13.074	1866	1868	1870	rBV	396710	366489	5.78%	0.495%
80	13.127	1874	1877	1880	rVB2	1064334	943744	14.89%	1.275%
81	13.192	1885	1888	1891	rBV2	975872	864263	13.64%	1.167%
82	13.627	1960	1962	1966	rVB	379599	411402	6.49%	0.556%
83	13.745	1979	1982	1984	rBV2	511565	501634	7.92%	0.678%
84	13.774	1984	1987	1989	rVB	385893	319767	5.05%	0.432%
85	13.809	1989	1993	1995	rBV2	348044	540821	8.53%	0.731%
86	13.992	2020	2024	2027	rBV2	1927395	2778091	43.84%	3.753%
87	14.027	2027	2030	2037	rVB	2095812	2376354	37.50%	3.210%
88	14.139	2047	2049	2054	rBV2	311205	348957	5.51%	0.471%
89	14.509	2110	2112	2114	rBV	203766	156692	2.47%	0.212%
90	15.051	2198	2204	2206	rBV	1439981	2537342	40.04%	3.427%
91	15.145	2218	2220	2224	rVB	315109	330857	5.22%	0.447%
92	15.345	2250	2254	2260	rVB	866213	1269646	20.04%	1.715%
93	15.409	2260	2265	2269	rVV	1266229	1686794	26.62%	2.279%
94	15.468	2271	2275	2278	rVV	445482	620176	9.79%	0.838%
95	15.498	2278	2280	2286	rVB2	400232	466380	7.36%	0.630%
96	16.933	2518	2524	2531	rVB2	565526	1149049	18.13%	1.552%
97	17.368	2593	2598	2609	rVB	365297	805502	12.71%	1.088%

Sum of corrected areas: 74030597

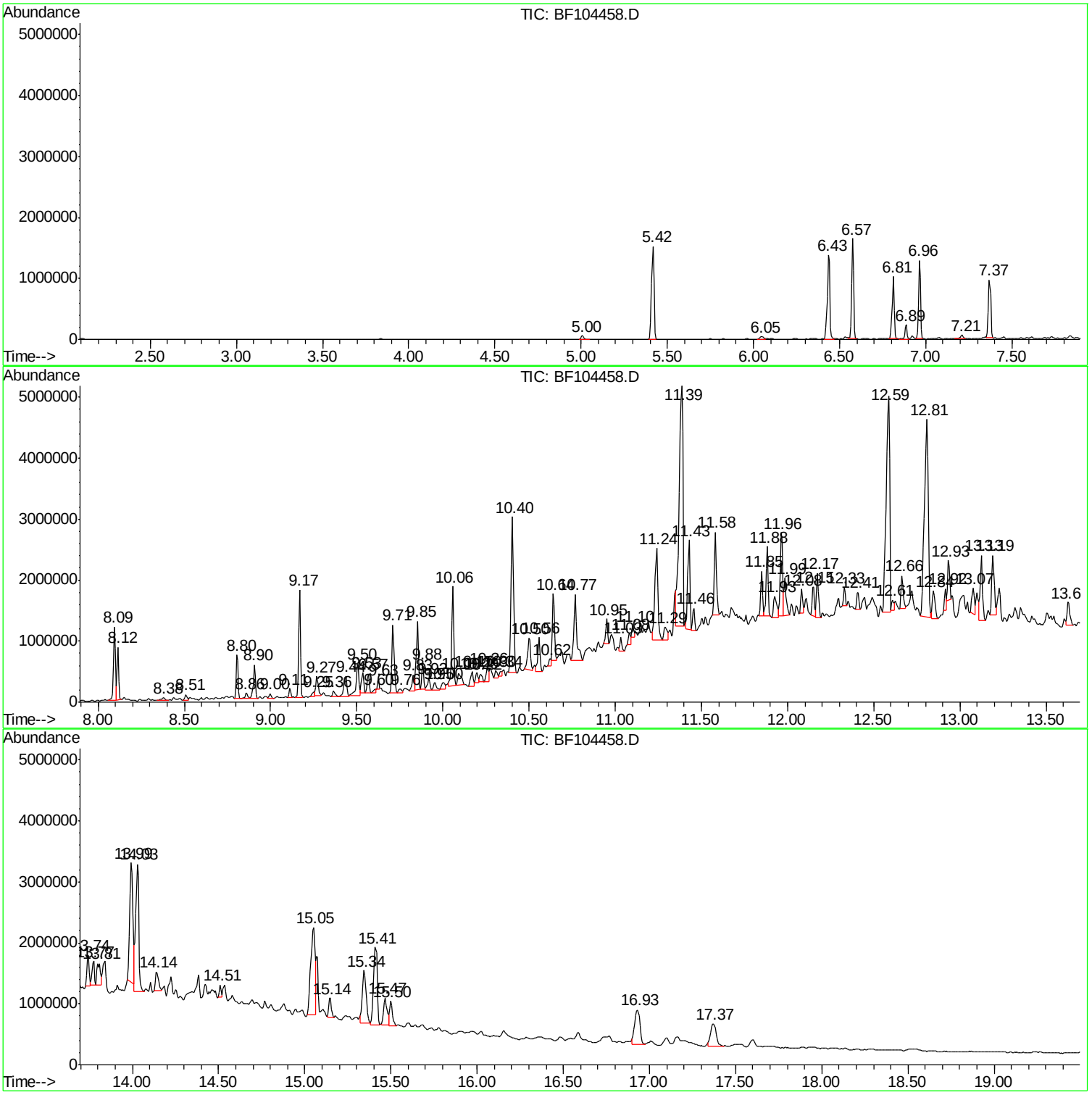
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041218\
Data File : BF104458.D
Acq On : 12 Apr 2018 18:29
Operator : JU/SJ
Sample : J2335-03 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.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:\HPCHEM1\BNA F\DATA\BF041218\
Data File : BF104458.D
Acq On : 12 Apr 2018 18:29
Operator : JU/SJ
Sample : J2335-03 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

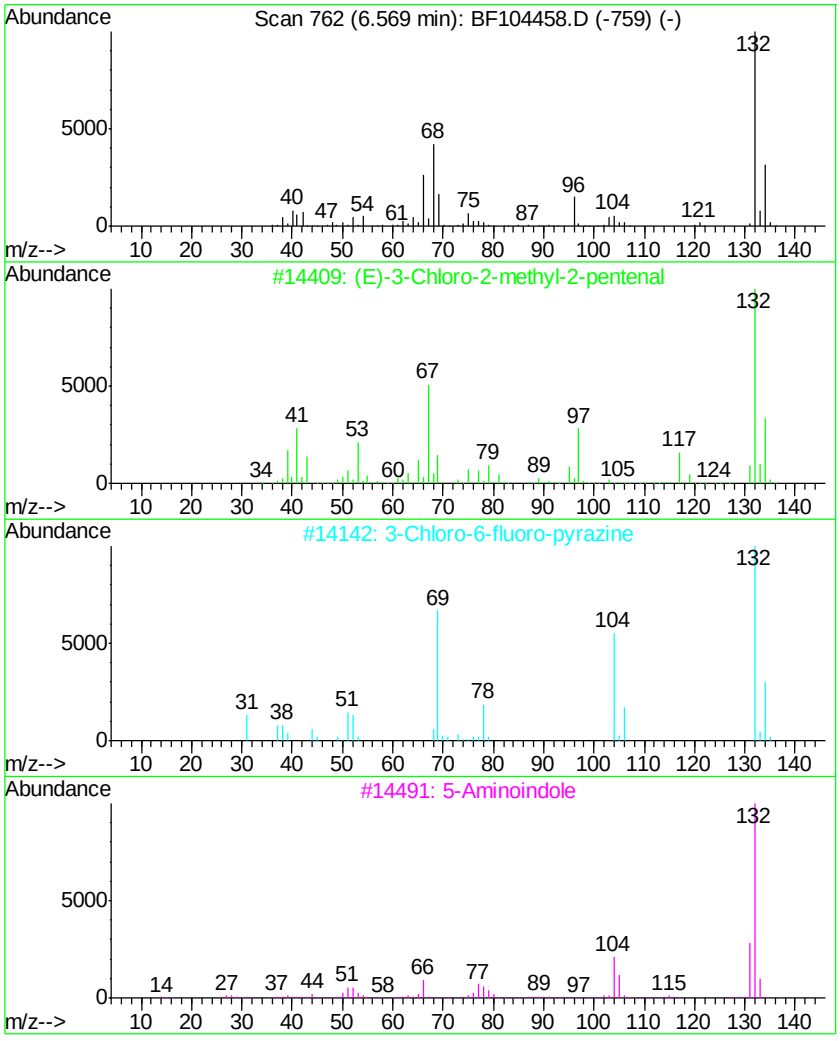
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

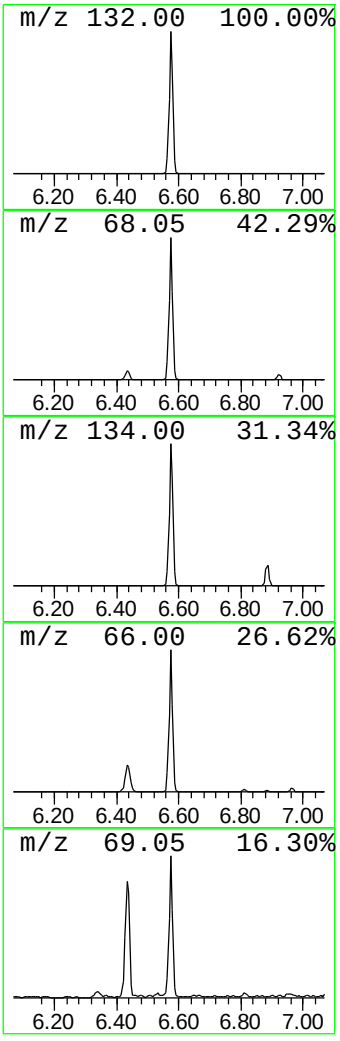
****

Peak Number 1 unknown6.57 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.57	35.35 ng	1424440	1,4-Dichlorobenzene-d4	6.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	27
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF041218\
Data File : BF104458.D
Acq On : 12 Apr 2018 18:29
Operator : JU/SJ
Sample : J2335-03 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

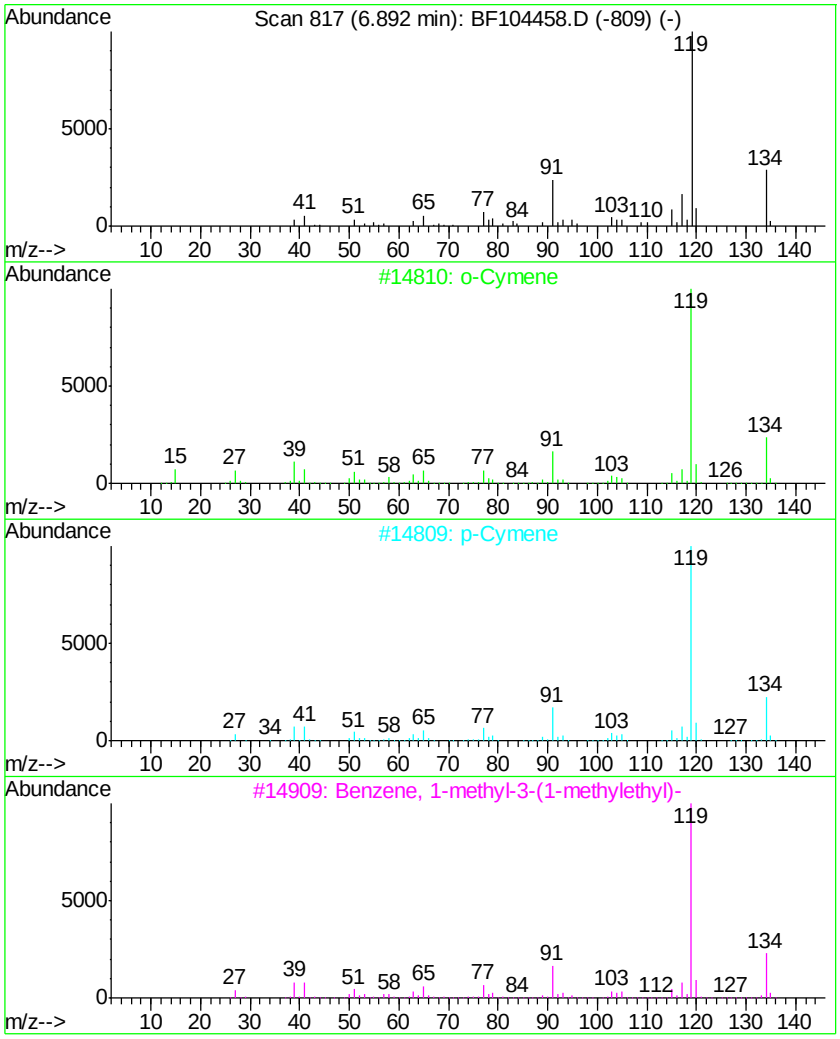
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

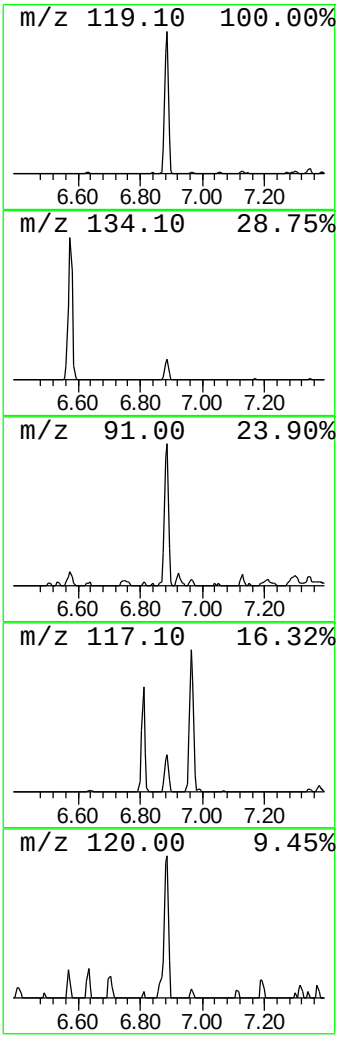
****

Peak Number 2 o-Cymene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.89	5.32 ng	214150	1,4-Dichlorobenzene-d4	6.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	94
2	p-Cymene	134	C10H14	000099-87-6	94
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	91
5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	91





Data Path : Z:\HPCHEM1\BNA F\DATA\BF041218\
Data File : BF104458.D
Acq On : 12 Apr 2018 18:29
Operator : JU/SJ
Sample : J2335-03 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.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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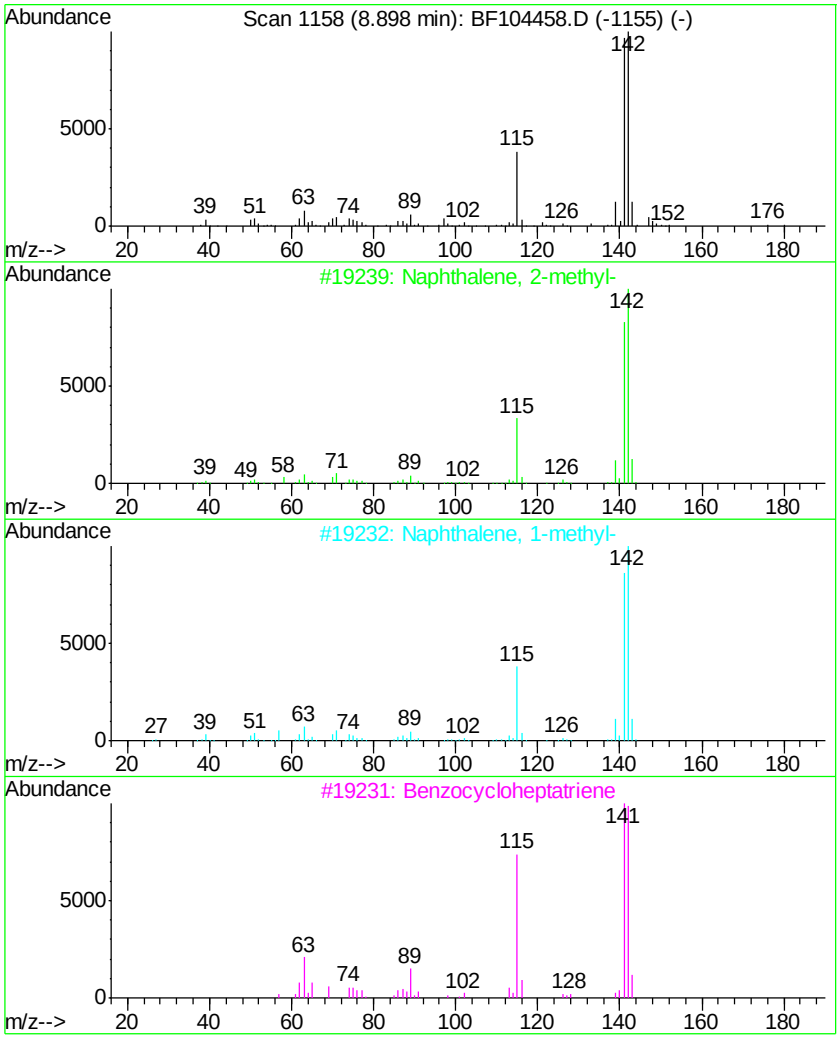
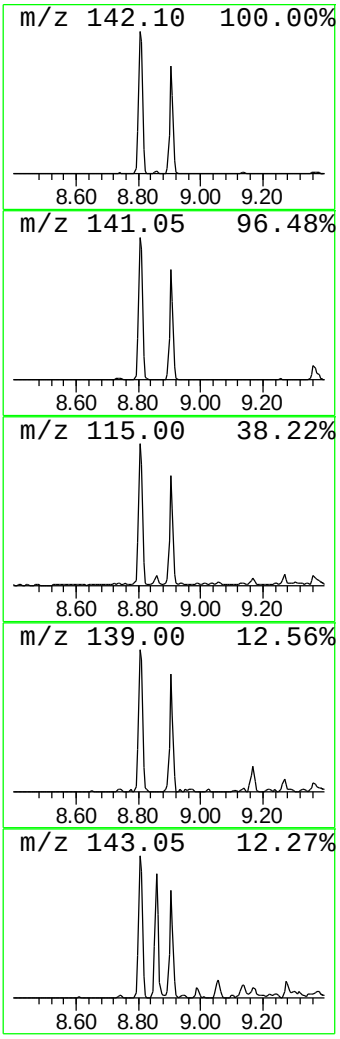
Peak Number 4 Naphthalene, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.90	8.72 ng	463748	Naphthalene-d8	8.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3	Benzocycloheptatriene	142	C11H10	000264-09-5	91
4	Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	91
5	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91





Data Path : Z:\HPCHEM1\BNA F\DATA\BF041218\
Data File : BF104458.D
Acq On : 12 Apr 2018 18:29
Operator : JU/SJ
Sample : J2335-03 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

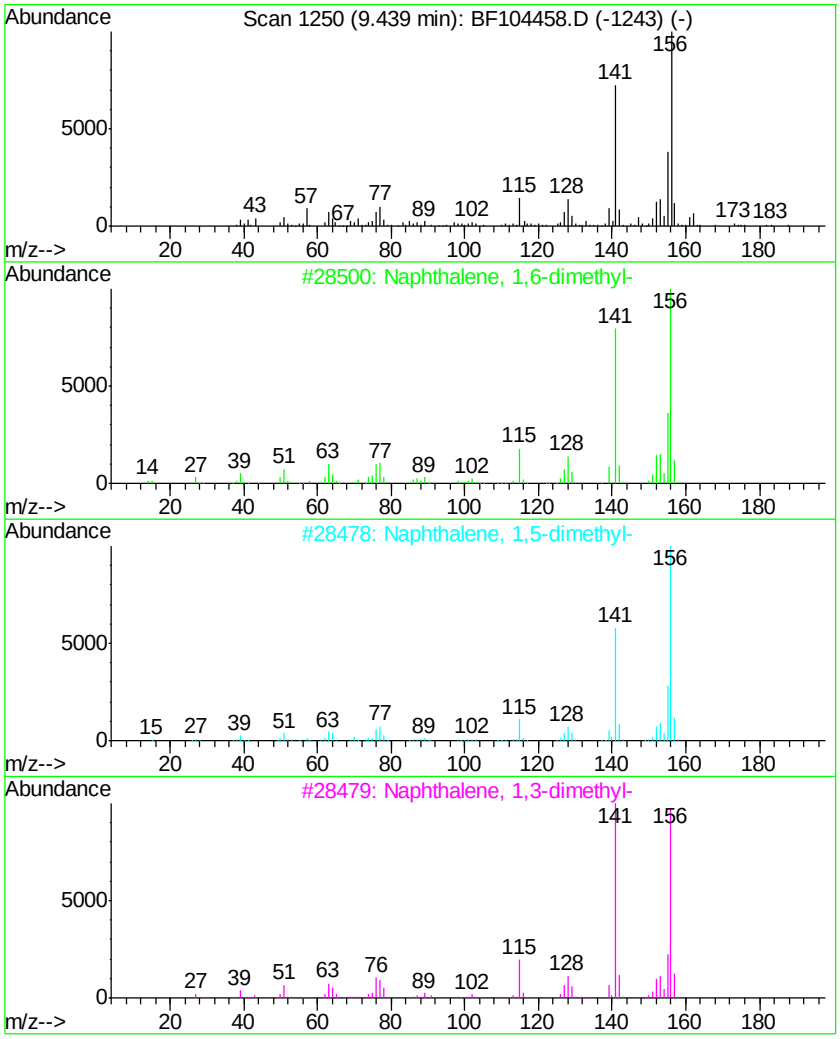
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

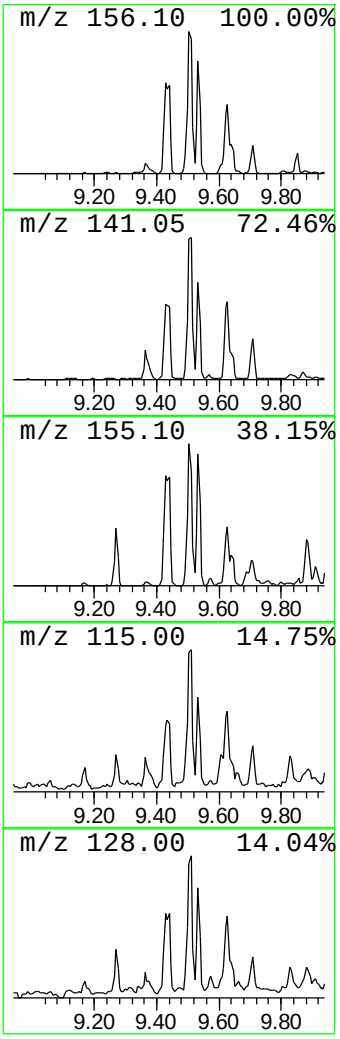
****

Peak Number 5 Naphthalene, 1,6-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.44	10.87 ng	474214	Acenaphthene-d10	9.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
2	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
4	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96
5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96





Data Path : Z:\HPCHEM1\BNA F\DATA\BF041218\
Data File : BF104458.D
Acq On : 12 Apr 2018 18:29
Operator : JU/SJ
Sample : J2335-03 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

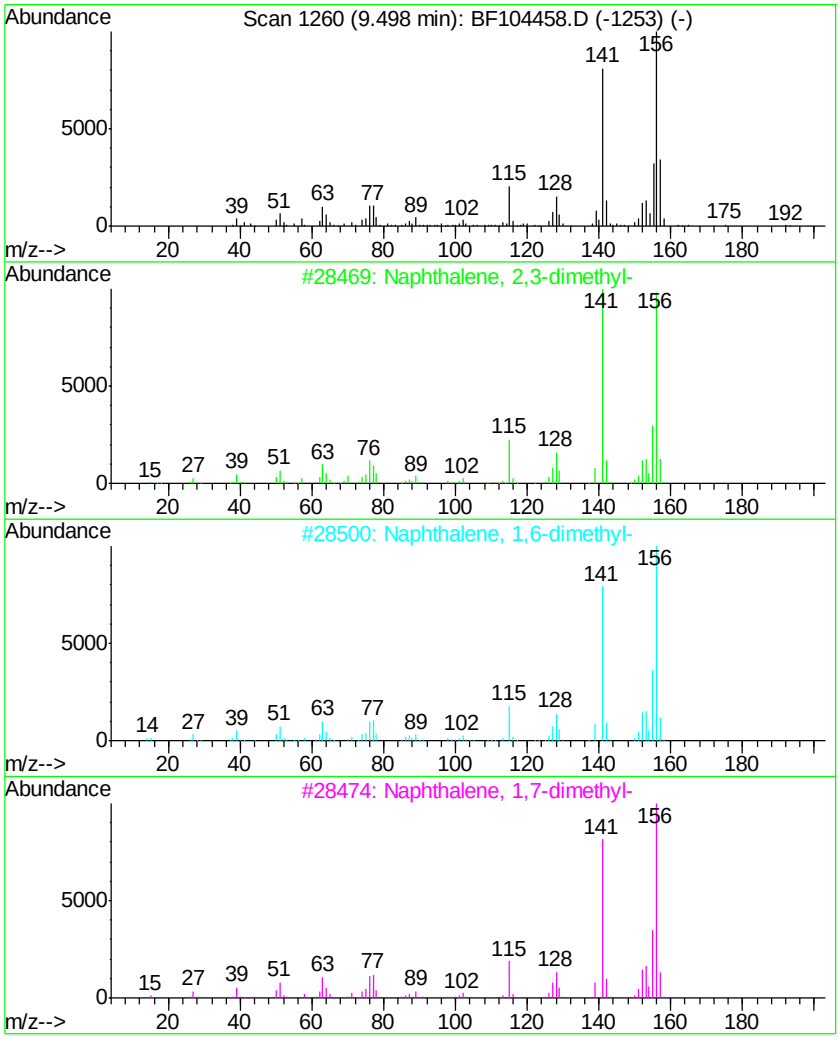
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

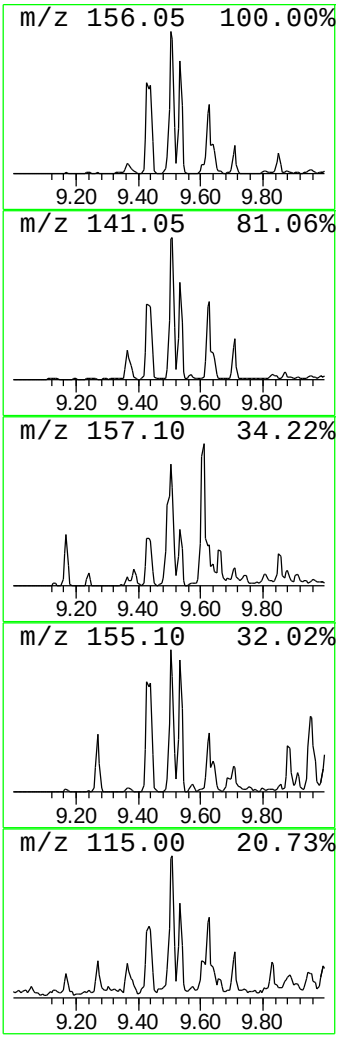
****

Peak Number 6 Naphthalene, 2,3-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.50	14.02 ng	611327	Acenaphthene-d10	9.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96





Data Path : Z:\HPCHEM1\BNA F\DATA\BF041218\
Data File : BF104458.D
Acq On : 12 Apr 2018 18:29
Operator : JU/SJ
Sample : J2335-03 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.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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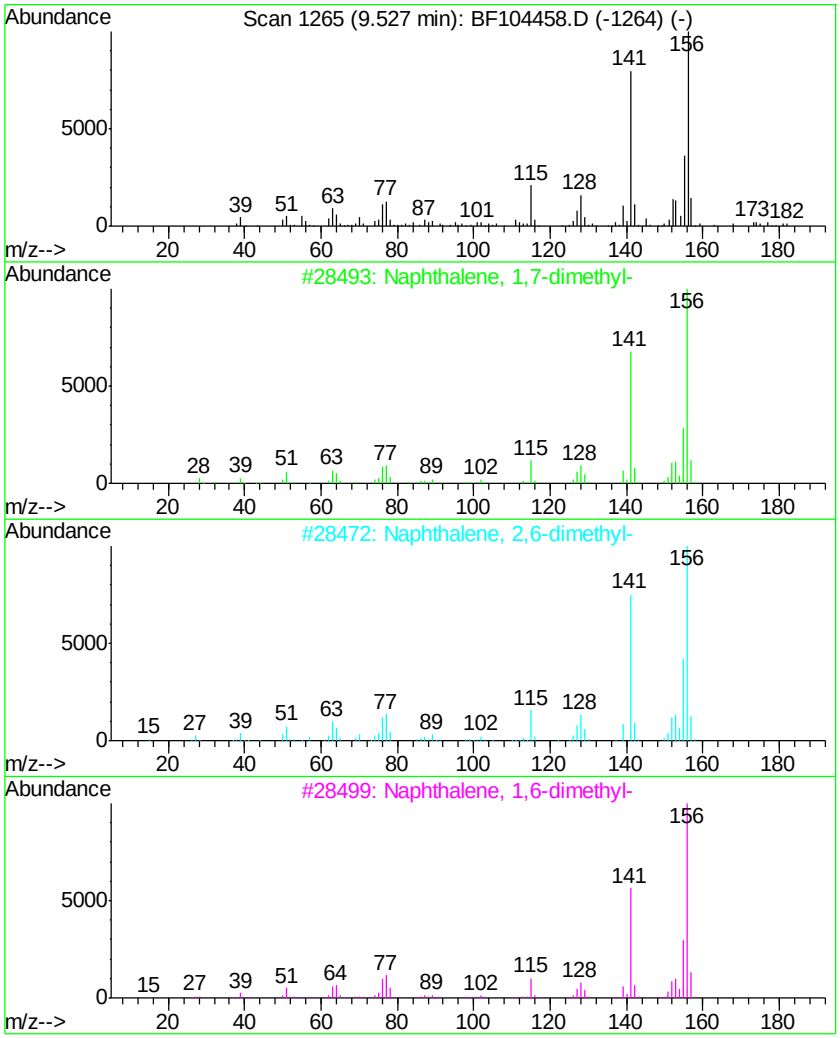
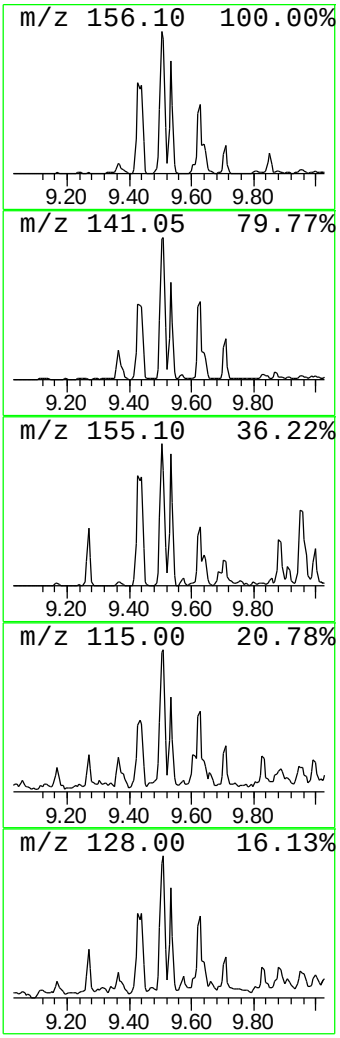
Peak Number 7 Naphthalene, 1,7-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.53	5.38 ng	234766	Acenaphthene-d10	9.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96





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Sample : J2335-03 2X
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ClientSampleId : S2

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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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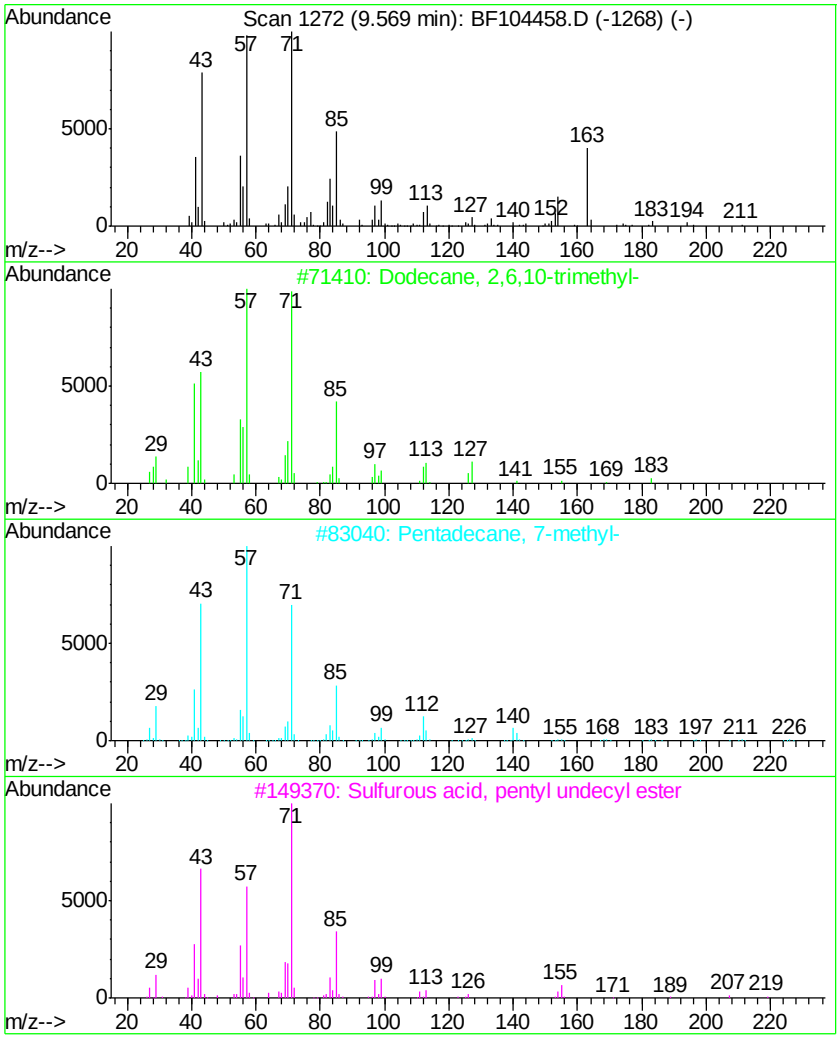
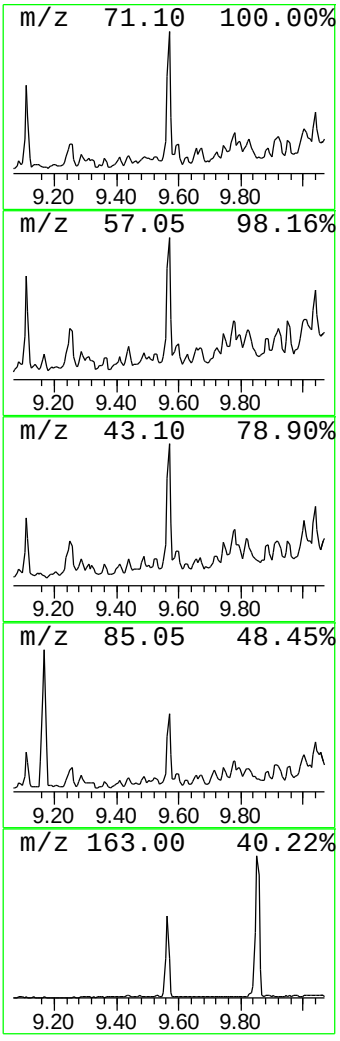
Peak Number 8 Dodecane, 2,6,10-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.57	6.32 ng	275489	Acenaphthene-d10	9.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	53
2	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	53
3	Sulfurous acid, pentyl undecyl e...	306	C16H34O3S	1000309-14-4	53
4	Hexadecane	226	C16H34	000544-76-3	50
5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	47





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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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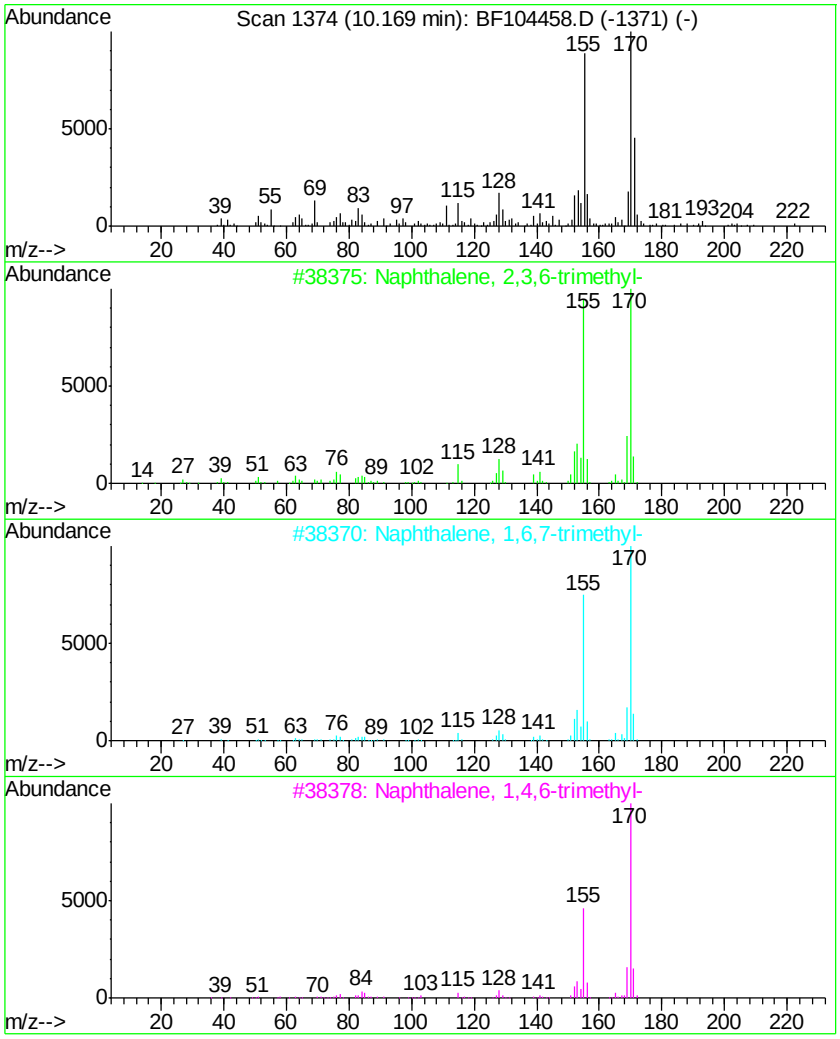
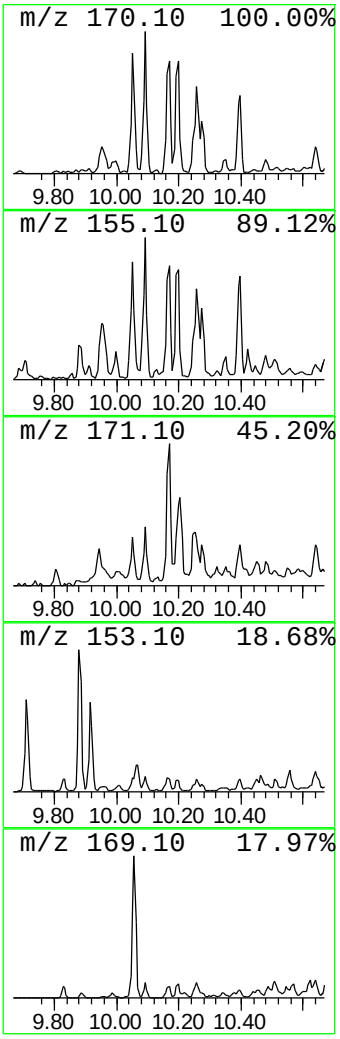
Peak Number 9 Naphthalene, 2,3,6-trimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.17	5.53 ng	241257	Acenaphthene-d10	9.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	93
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	91
4	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	87
5	1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	81





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ClientSampleId : S2

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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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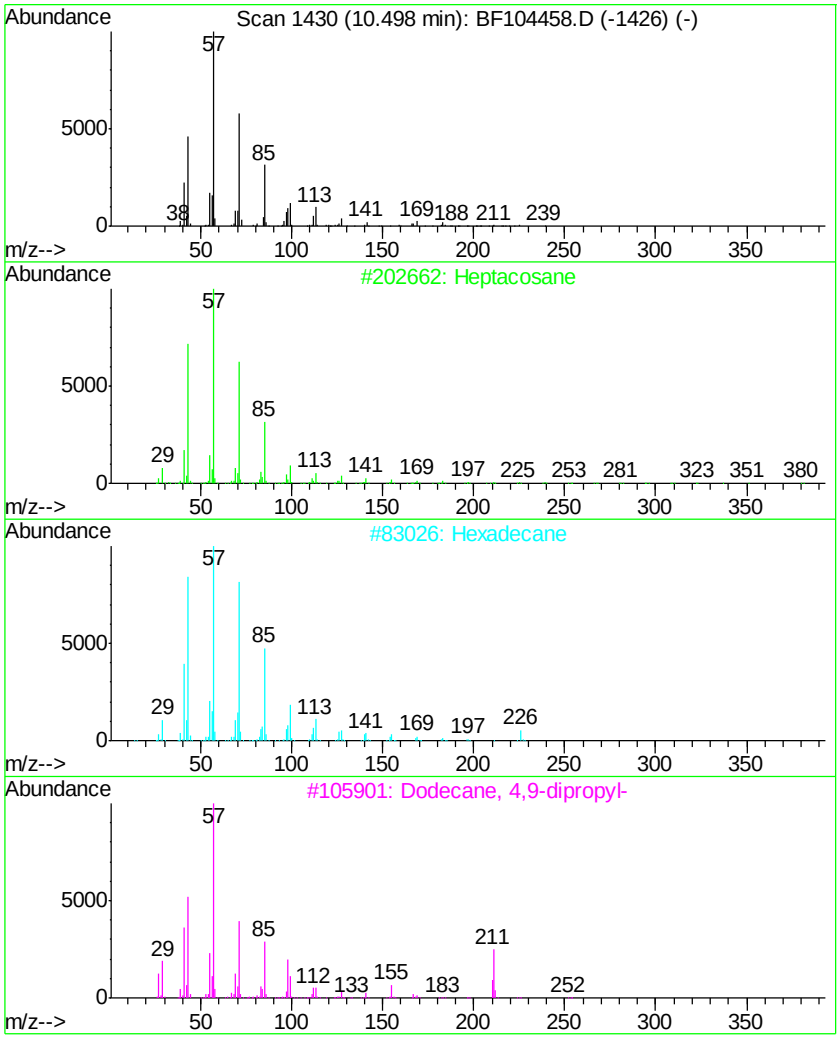
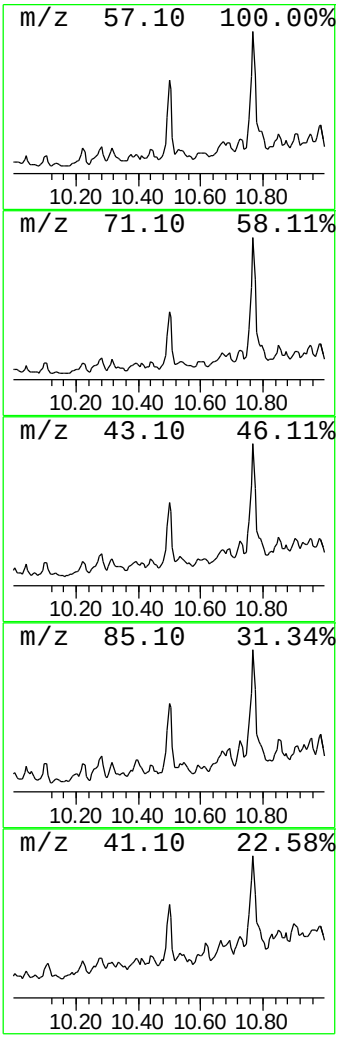
Peak Number 11 Heptacosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.50	14.86 ng	648251	Acenaphthene-d10	9.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	90
2	Hexadecane	226	C16H34	000544-76-3	86
3	Dodecane, 4,9-dipropyl-	254	C18H38	003054-63-5	78
4	Dodecane	170	C12H26	000112-40-3	72
5	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	72





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Misc :
ALS Vial : 14 Sample Multiplier: 1

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ClientSampleId : S2

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

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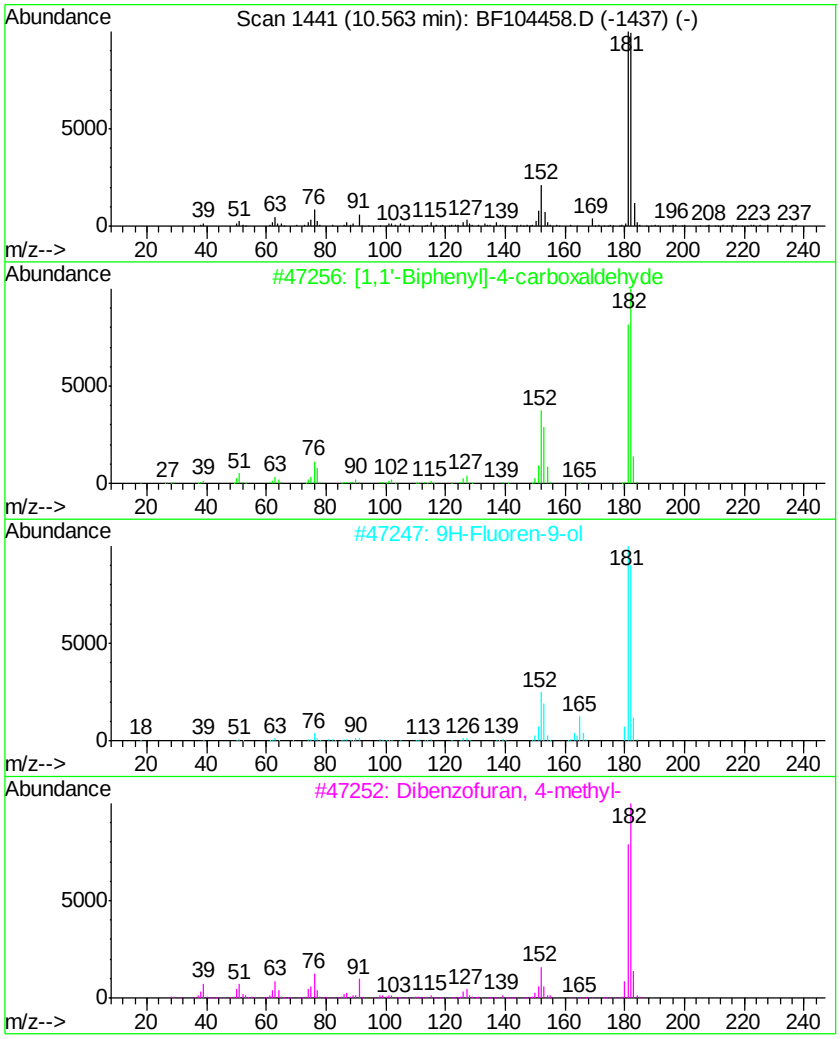
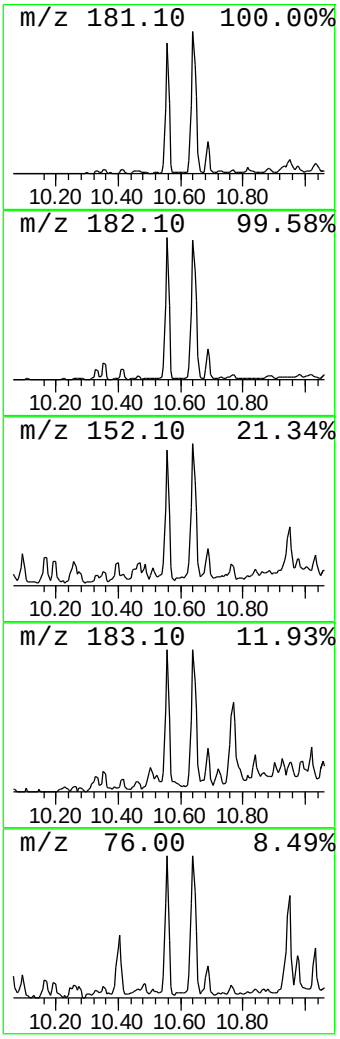
Peak Number 12 [1,1'-Biphenyl]-4-carboxald... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.56	11.48 ng	500954	Acenaphthene-d10	9.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	91
2	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	83
3	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	76
4	9H-Xanthene	182	C13H10O	000092-83-1	60
5	2-Hydroxyfluorene	182	C13H10O	002443-58-5	53





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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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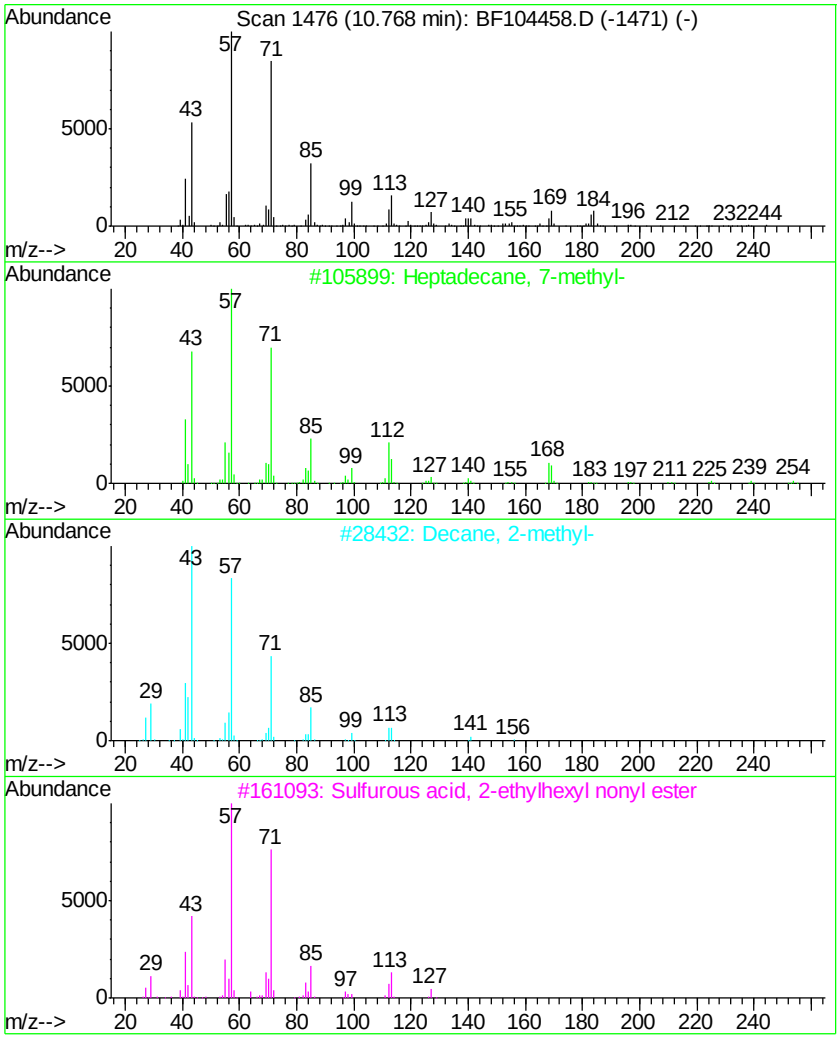
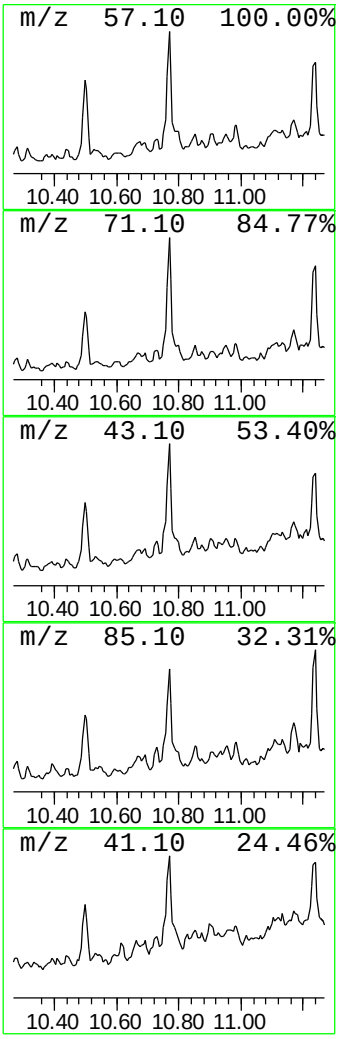
Peak Number 13 Heptadecane, 7-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.77	4.12 ng	1305190	Phenanthrene-d10	11.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 7-methyl-	254	C18H38	020959-33-5	86
2	Decane, 2-methyl-	156	C11H24	006975-98-0	83
3	Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1000309-19-2	64
4	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	64
5	Undecane, 4-methyl-	170	C12H26	002980-69-0	64





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Misc :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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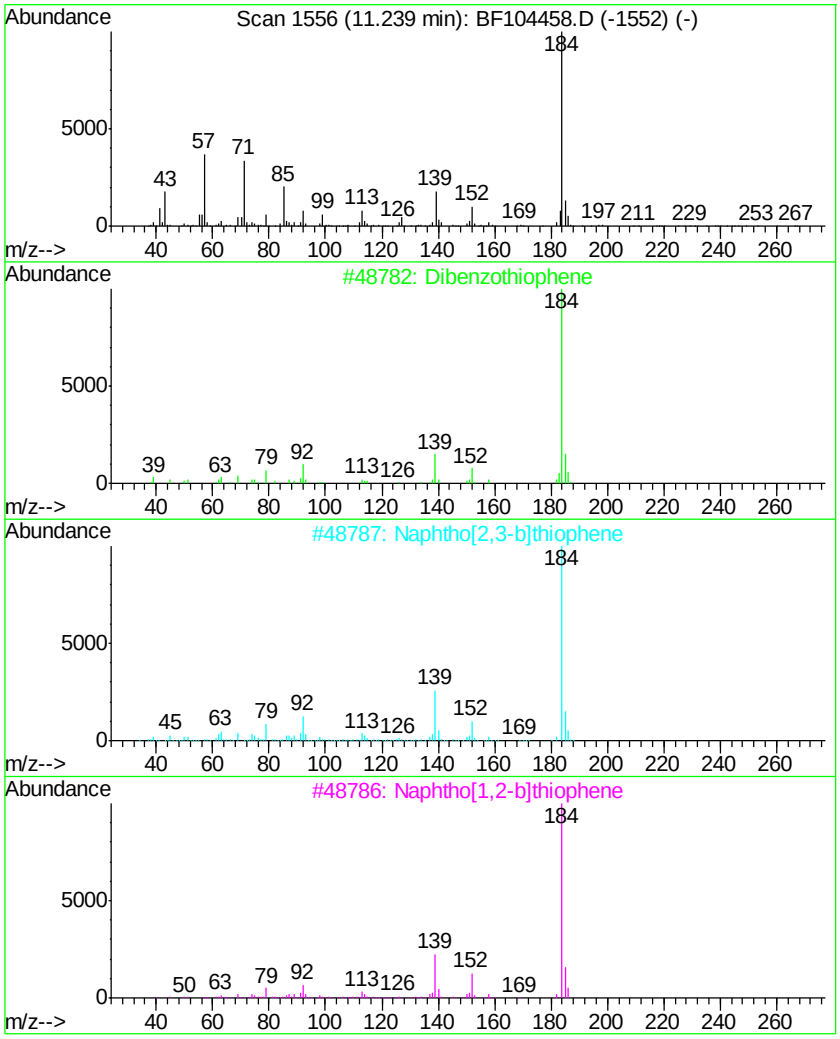
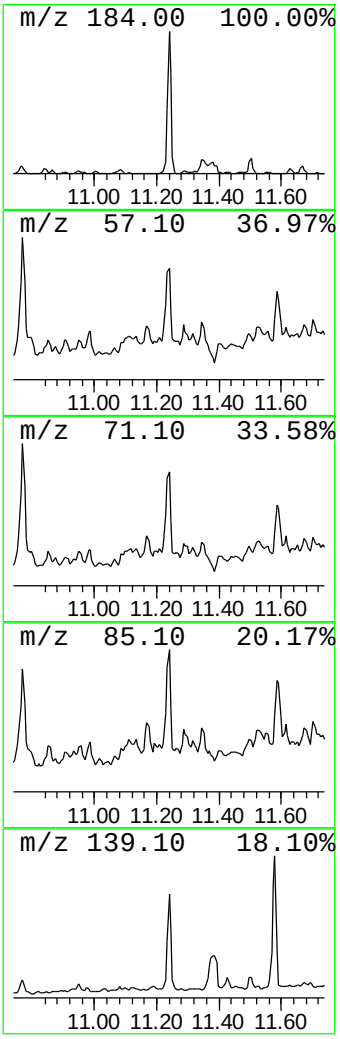
Peak Number 14 Dibenzothiophene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.24	5.07 ng	1607620	Phenanthrene-d10	11.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	95
2	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	93
3	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	93
4	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	93
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	70





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Misc :
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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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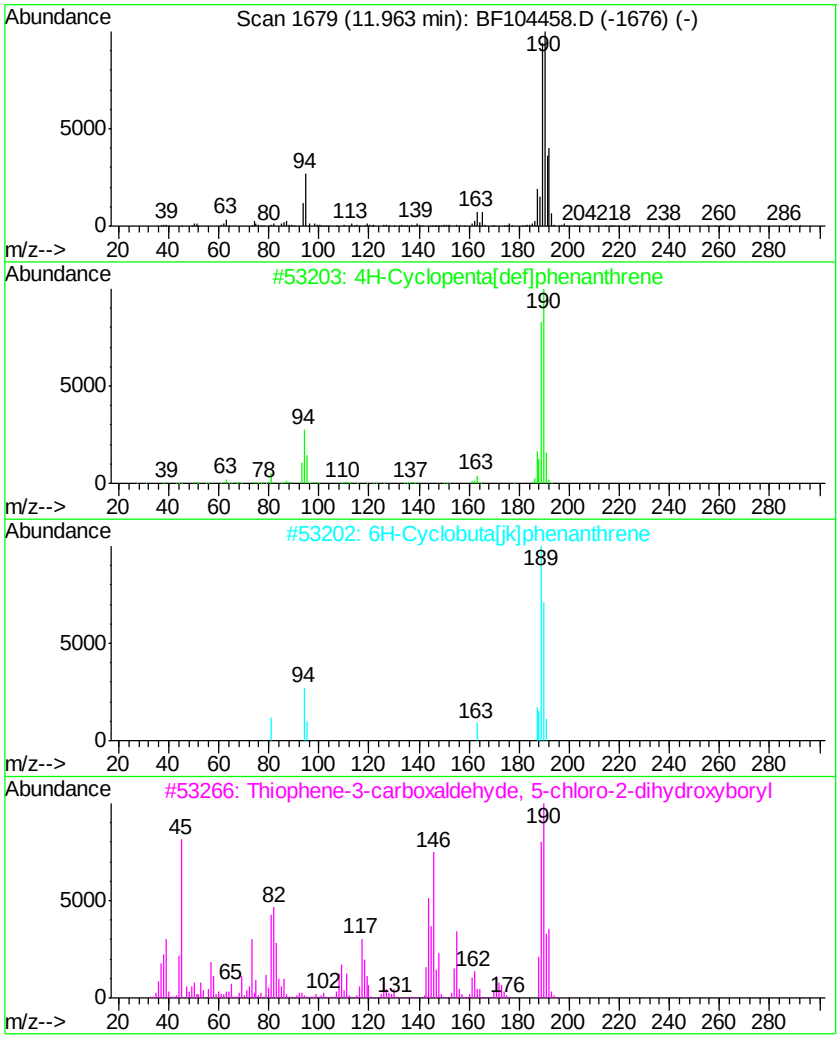
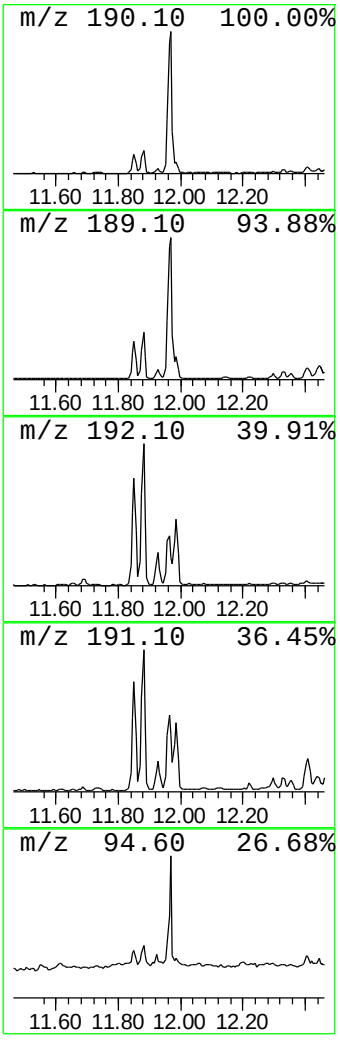
Peak Number 15 4H-Cyclopenta[def]phenanthrene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.96	4.40 ng	1393100	Phenanthrene-d10	11.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	53
3	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	49
4	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	43
5	Methyl diselenide	190	C2H6Se2	007101-31-7	43





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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TIC Integration Parameters: LSCINT.P

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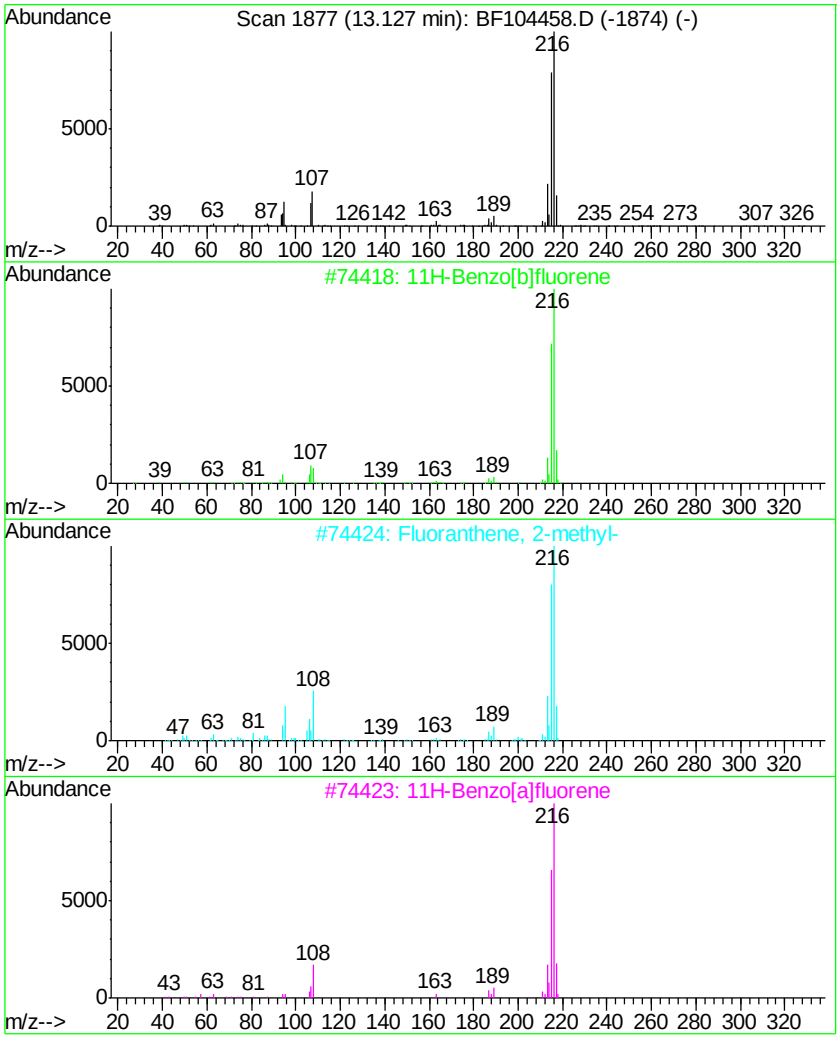
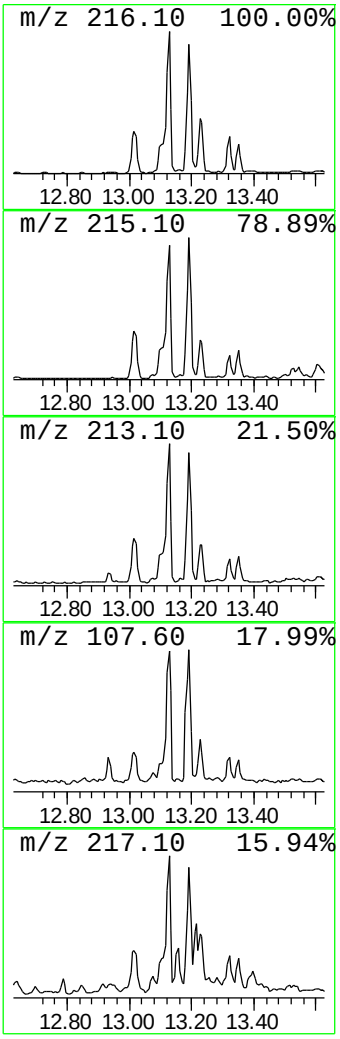
Peak Number 16 11H-Benzo[b]fluorene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.13	6.79 ng	943744	Chrysene-d12	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	76
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	74
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	70





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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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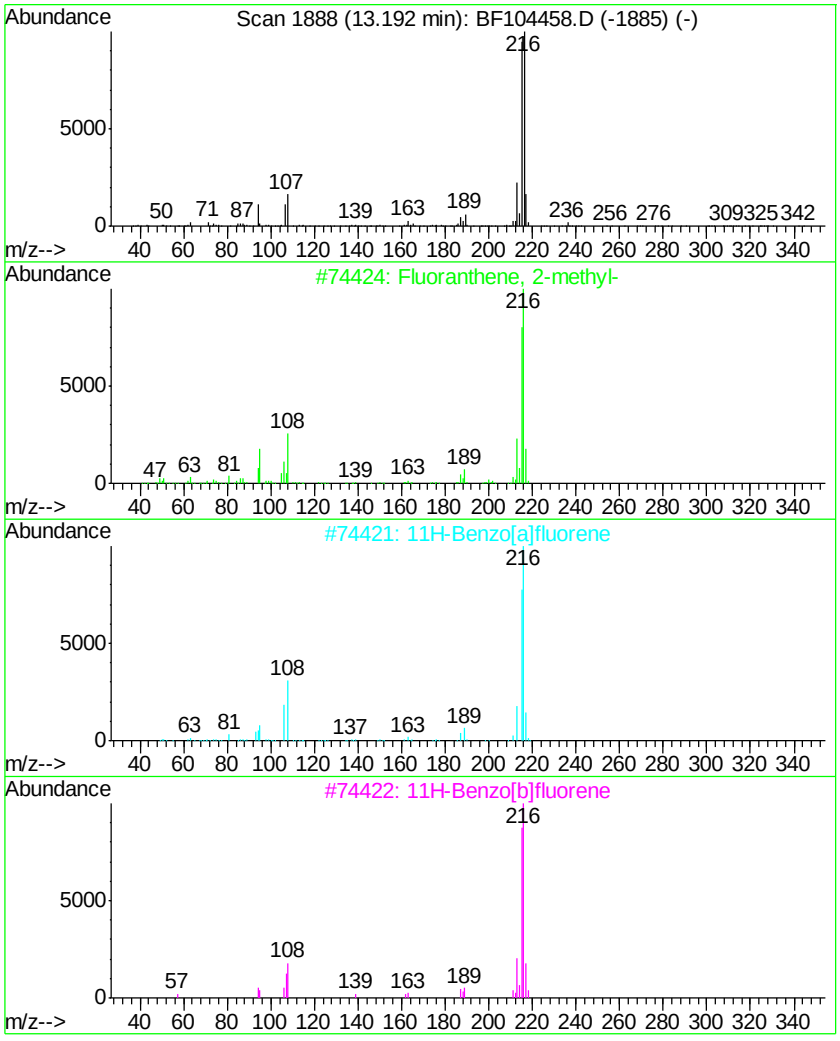
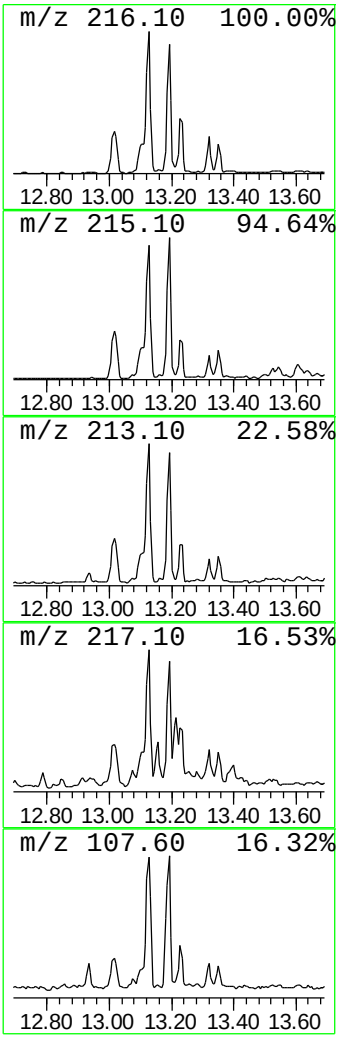
Peak Number 17 Fluoranthene, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.19	6.22 ng	864263	Chrysene-d12	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	94
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	83
4	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	74
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	62





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

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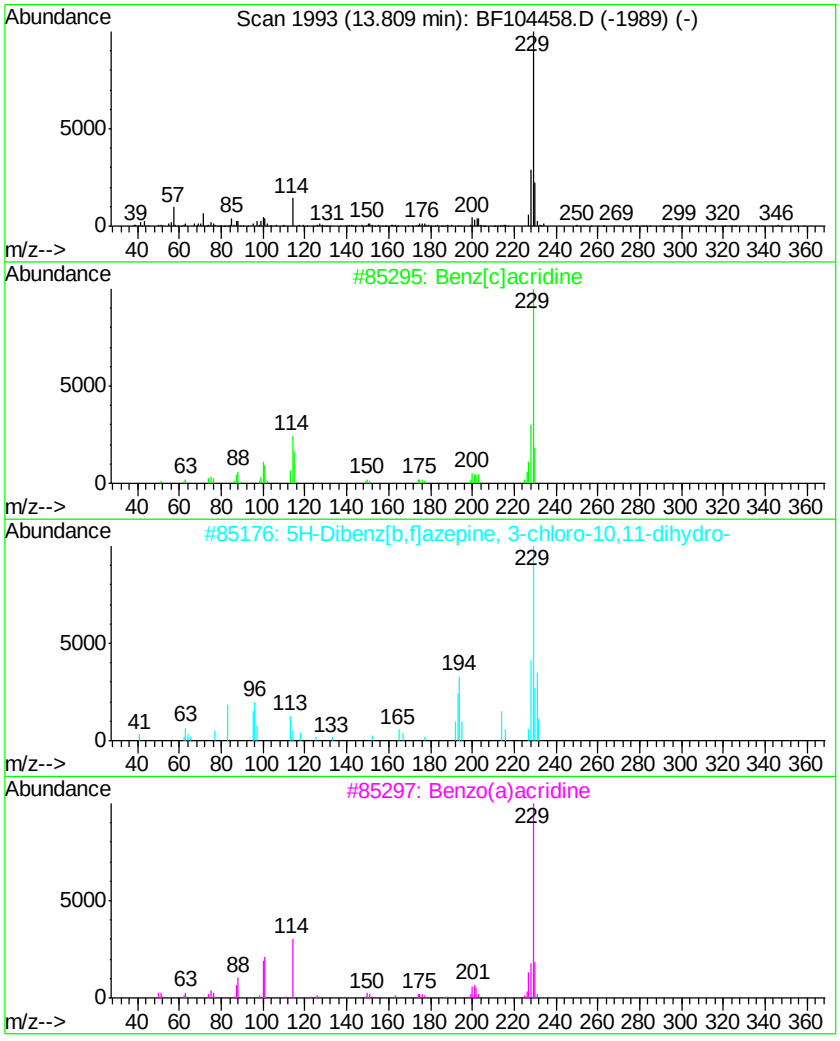
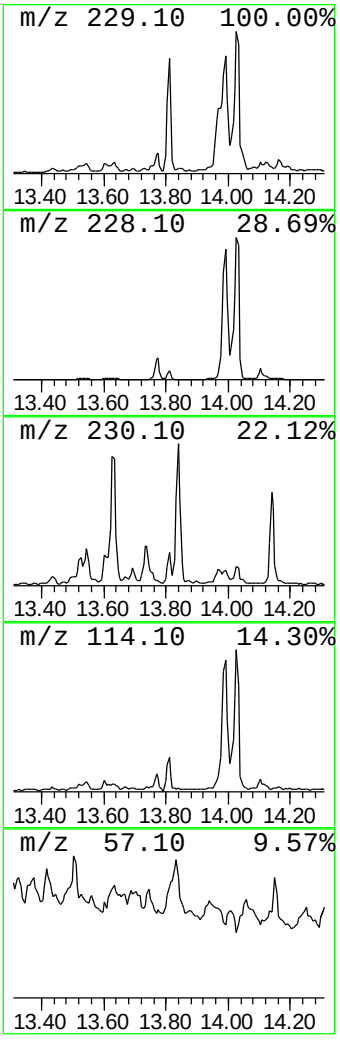
Peak Number 18 Benz[c]acridine Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.81	3.89 ng	540821	Chrysene-d12	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[c]acridine	229	C17H11N	000225-51-4	91
2	5H-Dibenz[b,f]azepine, 3-chloro-...	229	C14H12ClN	032943-25-2	64
3	Benzo(a)acridine	229	C17H11N	000225-11-6	59
4	Naphtho(2,1-f)quinoline	229	C17H11N	000218-08-6	56
5	Benzimidazole-5-amine, 1-methyl-...	229	C12H11N3S	021444-73-5	45





Library Search Compound Report

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Sample : J2335-03 2X
Misc :
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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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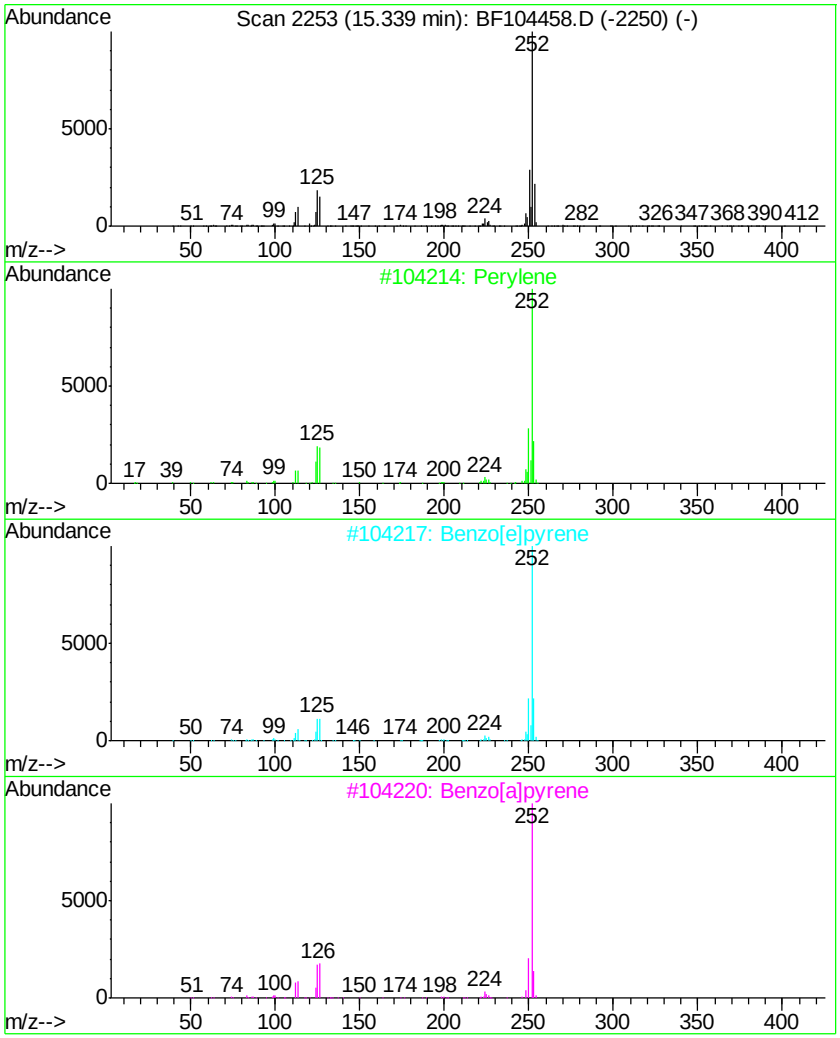
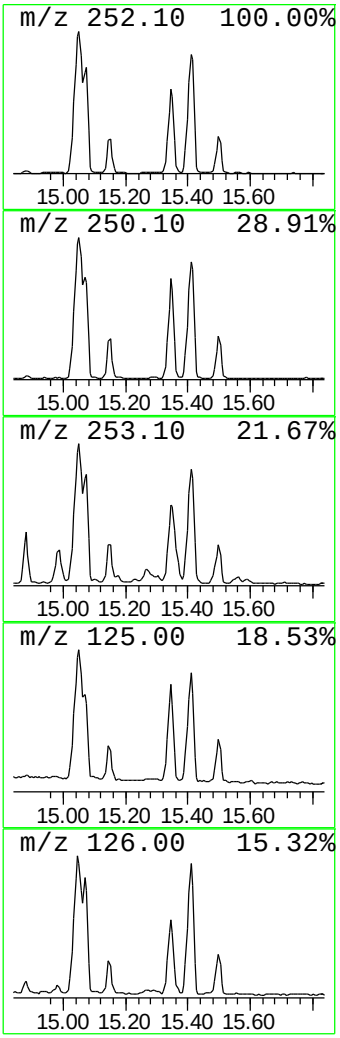
Peak Number 20 Perylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.34	40.94 ng	1269650	Perylene-d12	15.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Perylene	252	C20H12	000198-55-0	99
2	Benzo[e]pyrene	252	C20H12	000192-97-2	98
3	Benzo[a]pyrene	252	C20H12	000050-32-8	95
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041218\
Data File : BF104458.D
Acq On : 12 Apr 2018 18:29
Operator : JU/SJ
Sample : J2335-03 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.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
unknown6.57	6.57	35.4	ng	1424440	1	6.81	805792	20.0
o-Cymene	6.89	5.3	ng	214150	1	6.81	805792	20.0
Naphthalene, 1-me...	8.90	8.7	ng	463748	2	8.09	1063290	20.0
Naphthalene, 1,6-...	9.44	10.9	ng	474214	3	9.85	872381	20.0
Naphthalene, 2,3-...	9.50	14.0	ng	611327	3	9.85	872381	20.0
Naphthalene, 1,7-...	9.53	5.4	ng	234766	3	9.85	872381	20.0
Dodecane, 2,6,10-...	9.57	6.3	ng	275489	3	9.85	872381	20.0
Naphthalene, 2,3,...	10.17	5.5	ng	241257	3	9.85	872381	20.0
Heptacosane	10.50	14.9	ng	648251	3	9.85	872381	20.0
[1,1'-Biphenyl]-4...	10.56	11.5	ng	500954	3	9.85	872381	20.0
Heptadecane, 7-me...	10.77	4.1	ng	1305190	4	11.35	6336590	20.0
Dibenzothiophene	11.24	5.1	ng	1607620	4	11.35	6336590	20.0
4H-Cyclopenta[def...	11.96	4.4	ng	1393100	4	11.35	6336590	20.0
11H-Benzo[b]fluorene	13.13	6.8	ng	943744	5	14.00	2778090	20.0
Fluoranthene, 2-m...	13.19	6.2	ng	864263	5	14.00	2778090	20.0
Benz[c]acridine	13.81	3.9	ng	540821	5	14.00	2778090	20.0
Perylene	15.34	40.9	ng	1269650	6	15.47	620176	20.0