LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082917\
Data File : BF098131.D
Acq On : 30 Aug 2017 00:46
Operator : SJ/JU
Sample : I4979-05
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-5

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-BF081517.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.593	423	426	451	rBV	104804	346479	3.48%	0.277%
2	4.922	478	482	490	rVB	228233	249711	2.51%	0.200%
3	5.340	548	553	558	rVV	1946365	3214263	32.25%	2.572%
4	5.445	567	571	579	rVV	552120	520030	5.22%	0.416%
5	5.987	656	663	675	rVV2	263956	711081	7.13%	0.569%
6	6.381	724	730	735	rVV	2400495	3428529	34.40%	2.743%
7	6.434	735	739	741	rVV2	351394	387057	3.88%	0.310%
8	6.463	741	744	747	rVV2	265162	246545	2.47%	0.197%
9	6.504	747	751	757	rVV2	2717081	3218156	32.29%	2.575%
10	6.557	757	760	763	rVV2	639721	573734	5.76%	0.459%
11	6.628	770	772	779	rVB2	302234	289406	2.90%	0.232%
12	6.734	787	790	793	rBV	1046515	899528	9.03%	0.720%
13	6.810	797	803	806	rBV4	657860	842805	8.46%	0.674%
14	6.892	813	817	819	rBV	2291865	2229254	22.37%	1.784%
15	6.916	819	821	824	rVB	2201563	1631806	16.37%	1.306%
16	6.987	827	833	836	rBV4	197979	318304	3.19%	0.255%
17	7.057	840	845	847	rBV	351507	345295	3.46%	0.276%
18	7.151	859	861	867	rVB3	180278	236401	2.37%	0.189%
19	7.275	878	882	883	rVV	465479	461396	4.63%	0.369%
20	7.304	883	887	890	rVV	2321111	2302750	23.10%	1.843%
21	7.381	897	900	903	rVV2	331044	288658	2.90%	0.231%
22	7.439	903	910	913	rVV3	546532	747526	7.50%	0.598%
23	7.504	919	921	924	rVV	316518	344067	3.45%	0.275%
24	7.534	924	926	930	rVB	412201	324075	3.25%	0.259%
25	7.692	947	953	958	rVB3	984918	1199423	12.03%	0.960%
26	7.757	958	964	969	rBV2	1566503	1853897	18.60%	1.483%
27	7.810	969	973	977	rVV4	298884	624762	6.27%	0.500%
28	8.057	1003	1015	1018	rVV2	5452380	9966914	100.00%	7.975%
29	8.092	1018	1021	1028	rVB4	992258	1331033	13.35%	1.065%
30	8.192	1036	1038	1041	rVB	366826	328196	3.29%	0.263%
31	8.298	1051	1056	1057	rVV2	387754	373355	3.75%	0.299%
32	8.375	1066	1069	1071	rBV3	179130	228395	2.29%	0.183%
33	8.404	1071	1074	1077	rVB	635939	518280	5.20%	0.415%
34	8.451	1077	1082	1085	rBV2	424341	572504	5.74%	0.458%

LSC Area Percent Report

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Data File : BF098131.D
Acq On : 30 Aug 2017 00:46
Operator : SJ/JU
Sample : I4979-05
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-5

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-BF081517.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.486	1085	1088	1090	rVV	493049	383972	3.85%	0.307%
36	8.522	1092	1094	1098	rVB2	257524	276407	2.77%	0.221%
37	8.581	1099	1104	1106	rBV2	203827	248398	2.49%	0.199%
38	8.610	1106	1109	1113	rBV3	350522	361867	3.63%	0.290%
39	8.657	1113	1117	1119	rVV4	181086	287867	2.89%	0.230%
40	8.686	1119	1122	1124	rVV2	368246	340197	3.41%	0.272%
41	8.745	1124	1132	1135	rVV	4906950	7458643	74.83%	5.968%
42	8.792	1136	1140	1143	rVV3	746236	997884	10.01%	0.798%
43	8.845	1143	1149	1151	rVV	4800870	6662249	66.84%	5.331%
44	8.869	1151	1153	1156	rVV3	368617	373155	3.74%	0.299%
45	8.922	1159	1162	1165	rVV4	232877	325053	3.26%	0.260%
46	9.045	1180	1183	1187	rVB3	654569	573539	5.75%	0.459%
47	9.098	1187	1192	1195	rBV	2819055	2575046	25.84%	2.061%
48	9.198	1205	1209	1211	rVB	1952650	1598737	16.04%	1.279%
49	9.292	1222	1225	1231	rVB	1599753	1873934	18.80%	1.500%
50	9.369	1231	1238	1241	rBV	2547298	3818262	38.31%	3.055%
51	9.439	1244	1250	1252	rVV	3082762	3966720	39.80%	3.174%
52	9.469	1252	1255	1257	rVV	2625121	2376547	23.84%	1.902%
53	9.498	1257	1260	1263	rVV2	1319623	1531597	15.37%	1.226%
54	9.551	1266	1269	1274	rVV	1722320	2157059	21.64%	1.726%
55	9.633	1278	1283	1287	rVB3	1189888	1205293	12.09%	0.964%
56	9.763	1300	1305	1309	rVV2	1400672	2361947	23.70%	1.890%
57	9.816	1309	1314	1316	rVV	4021678	4279304	42.94%	3.424%
58	9.880	1321	1325	1329	rBV	720246	1032670	10.36%	0.826%
59	9.933	1329	1334	1338	rBV3	671190	1105810	11.09%	0.885%
60	9.980	1338	1342	1345	rVB2	2792864	3029857	30.40%	2.424%
61	10.016	1345	1348	1356	rVB3	904444	1209207	12.13%	0.968%
62	10.092	1358	1361	1363	rBV2	684105	652517	6.55%	0.522%
63	10.122	1363	1366	1368	rBV	457753	380455	3.82%	0.304%
64	10.180	1372	1376	1378	rBV	584391	650113	6.52%	0.520%
65	10.198	1378	1379	1382	rVB3	505853	302417	3.03%	0.242%
66	10.257	1386	1389	1391	rBV3	365037	413205	4.15%	0.331%
67	10.328	1396	1401	1406	rBV2	2429058	2829003	28.38%	2.264%
68	10.369	1406	1408	1409	rBV2	367008	308124	3.09%	0.247%
69	10.386	1409	1411	1412	rVV	497352	363109	3.64%	0.291%
70	10.404	1412	1414	1416	rVV2	858182	811423	8.14%	0.649%
71	10.428	1416	1418	1421	rVV2	1121398	1099274	11.03%	0.880%

LSC Area Percent Report

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Data File : BF098131.D
Acq On : 30 Aug 2017 00:46
Operator : SJ/JU
Sample : I4979-05
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-5

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-BF081517.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	10.451	1421	1422	1424	rVV	331078	227637	2.28%	0.182%
73	10.475	1424	1426	1430	rVB	940284	964568	9.68%	0.772%
74	10.516	1430	1433	1435	rBV2	209892	238420	2.39%	0.191%
75	10.563	1435	1441	1444	rVB2	1730353	1974619	19.81%	1.580%
76	10.692	1458	1463	1470	rVB2	1611228	1969553	19.76%	1.576%
77	10.751	1470	1473	1476	rBV3	212145	231861	2.33%	0.186%
78	10.869	1488	1493	1495	rBV4	497559	700504	7.03%	0.561%
79	10.892	1495	1497	1503	rVB2	382132	557848	5.60%	0.446%
80	10.951	1503	1507	1509	rVB3	284674	342870	3.44%	0.274%
81	11.016	1513	1518	1522	rVB5	383913	590895	5.93%	0.473%
82	11.104	1531	1533	1536	rBV3	223856	236959	2.38%	0.190%
83	11.157	1539	1542	1548	rVB2	1153069	1375480	13.80%	1.101%
84	11.257	1556	1559	1561	rBV	825445	880396	8.83%	0.704%
85	11.286	1561	1564	1567	rVV	3040649	3104292	31.15%	2.484%
86	11.333	1569	1572	1575	rVB	906275	753738	7.56%	0.603%
87	11.510	1599	1602	1607	rVB2	406166	400095	4.01%	0.320%
88	11.757	1642	1644	1646	rVV	418814	340739	3.42%	0.273%
89	11.786	1646	1649	1652	rVB	485140	429278	4.31%	0.344%
90	11.869	1660	1663	1666	rBV	542881	580038	5.82%	0.464%
91	12.204	1717	1720	1723	rVV	1405374	1126120	11.30%	0.901%
92	12.239	1723	1726	1731	rVB2	278321	414033	4.15%	0.331%
93	12.304	1735	1737	1741	rVB	229699	225119	2.26%	0.180%
94	12.469	1761	1765	1768	rBV	932031	835263	8.38%	0.668%
95	12.510	1769	1772	1775	rVB	1325998	1095186	10.99%	0.876%
96	12.692	1801	1803	1806	rVB	649912	559267	5.61%	0.448%
97	12.839	1824	1828	1836	rVB	1770033	1776118	17.82%	1.421%
98	13.739	1979	1981	1992	rVB2	148375	216640	2.17%	0.173%
99	13.886	2002	2006	2009	rBV	808327	865895	8.69%	0.693%
100	15.310	2243	2248	2251	rBV	473029	582078	5.84%	0.466%

Sum of corrected areas: 124969985

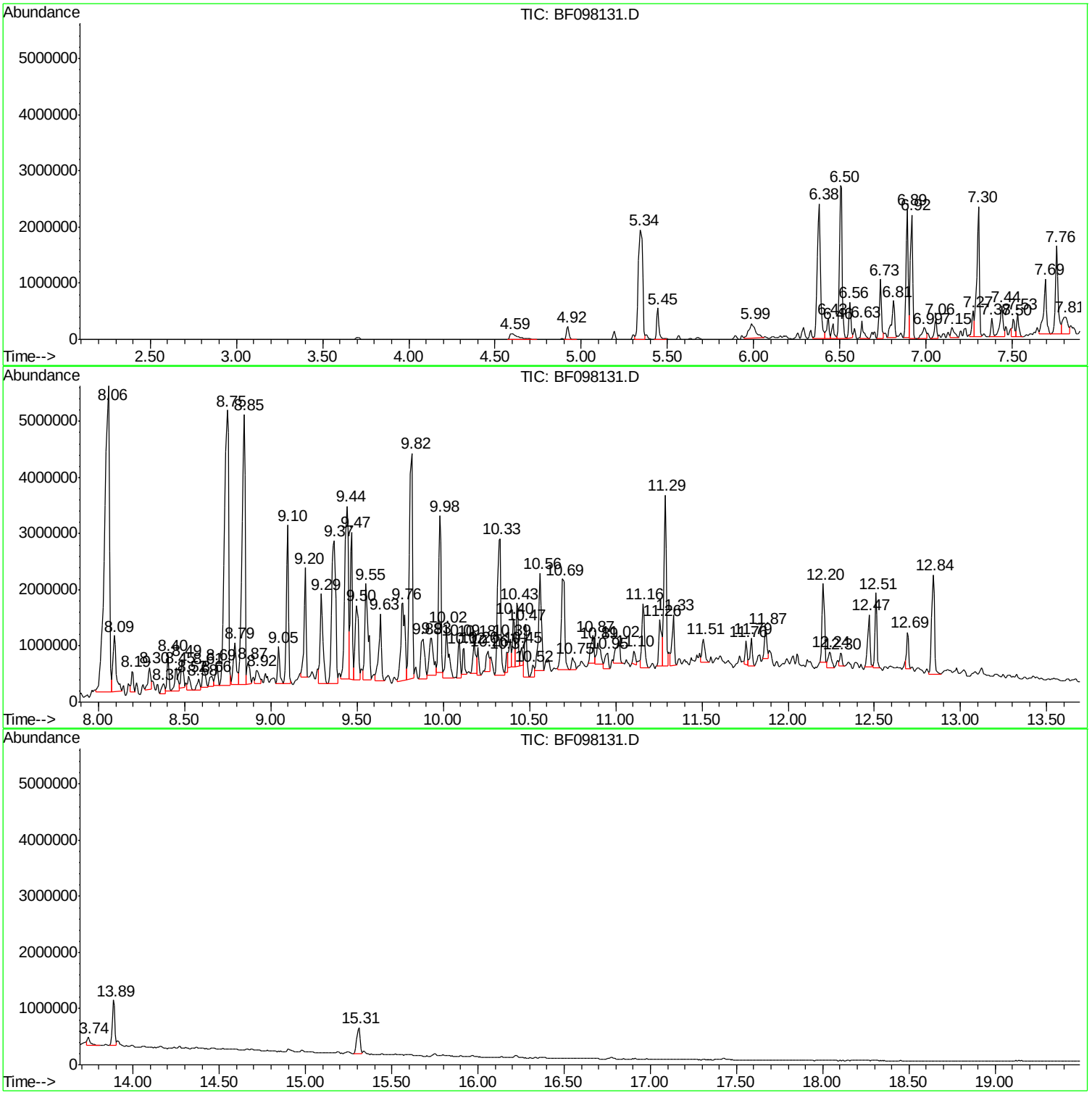
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082917\
Data File : BF098131.D
Acq On : 30 Aug 2017 00:46
Operator : SJ/JU
Sample : I4979-05
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA F\DATA\BF082917\
Data File : BF098131.D
Acq On : 30 Aug 2017 00:46
Operator : SJ/JU
Sample : I4979-05
Misc :
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Instrument : BNA_F
ClientSampleId : TP-5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

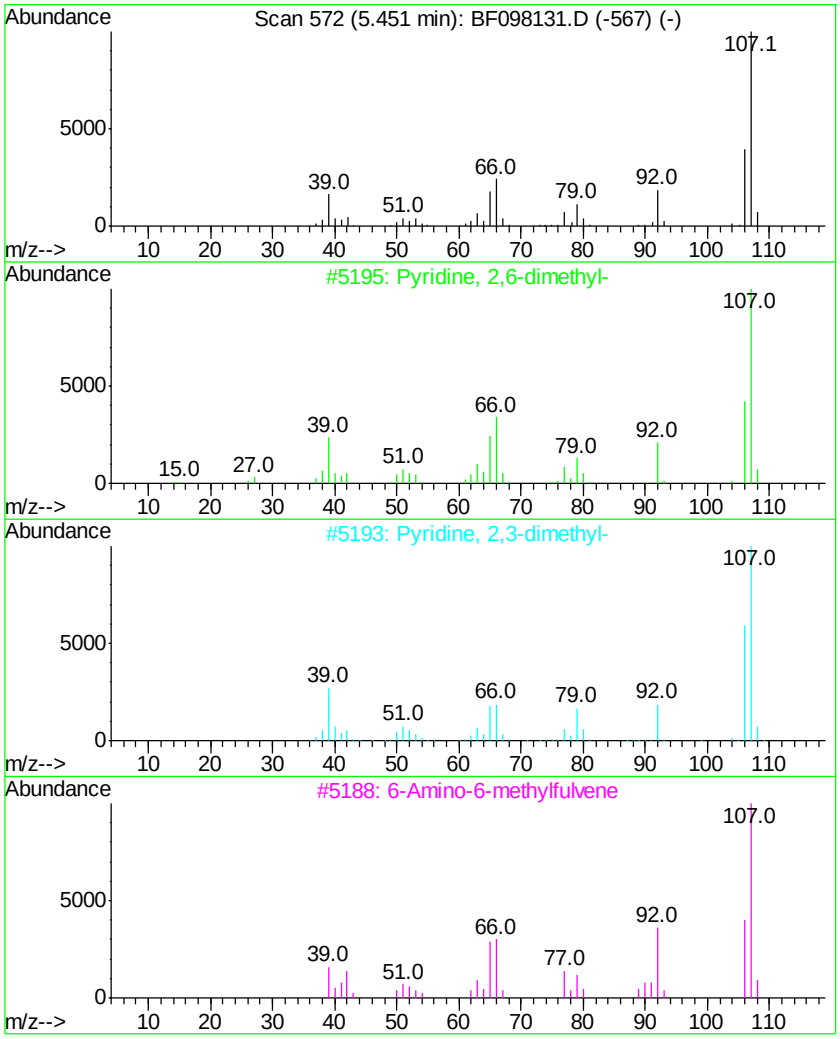
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

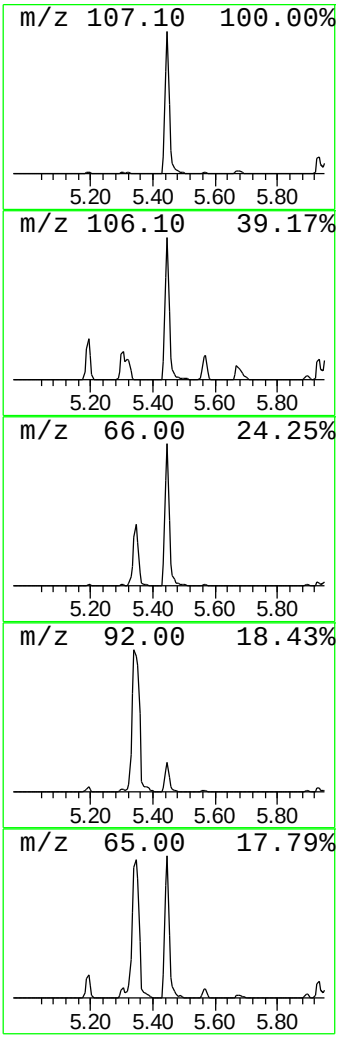
****

Peak Number 1 Pyridine, 2,6-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.45	11.56 ng	520030	1,4-Dichlorobenzene-d4	6.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyridine, 2,6-dimethyl-	107	C7H9N	000108-48-5	97
2	Pyridine, 2,3-dimethyl-	107	C7H9N	000583-61-9	64
3	6-Amino-6-methylfulvene	107	C7H9N	000694-74-6	52
4	Pyridine, 2,4-dimethyl-	107	C7H9N	000108-47-4	52
5	Pyridine, 3,5-dimethyl-	107	C7H9N	000591-22-0	43





Data Path : Z:\HPCHEM1\BNA F\DATA\BF082917\
Data File : BF098131.D
Acq On : 30 Aug 2017 00:46
Operator : SJ/JU
Sample : I4979-05
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

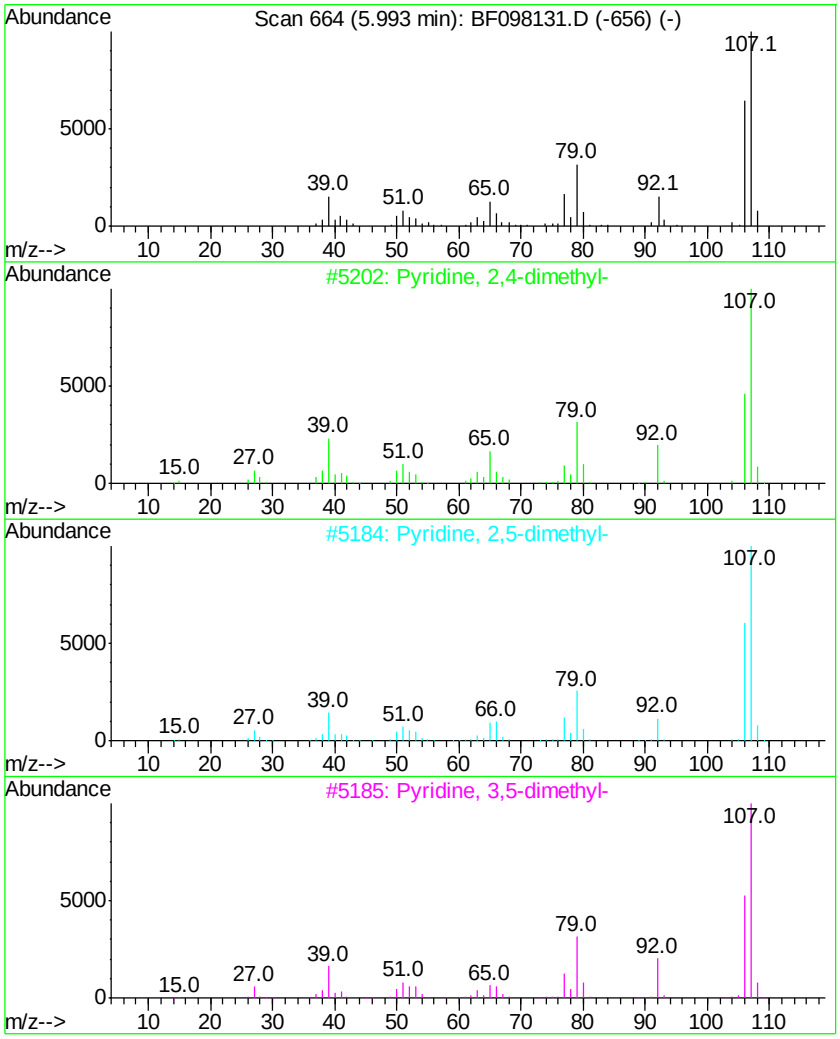
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

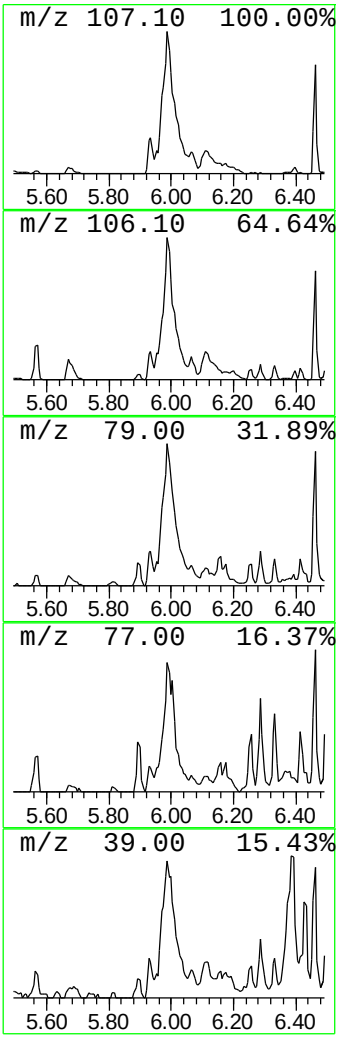
****

Peak Number 2 Pyridine, 2,4-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.99	15.81 ng	711081	1,4-Dichlorobenzene-d4	6.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyridine, 2,4-dimethyl-	107	C7H9N	000108-47-4	95
2	Pyridine, 2,5-dimethyl-	107	C7H9N	000589-93-5	94
3	Pyridine, 3,5-dimethyl-	107	C7H9N	000591-22-0	91
4	Pyridine, 3,4-dimethyl-	107	C7H9N	000583-58-4	91
5	Pyridine, 2,3-dimethyl-	107	C7H9N	000583-61-9	87





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082917\
Data File : BF098131.D
Acq On : 30 Aug 2017 00:46
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Sample : I4979-05
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

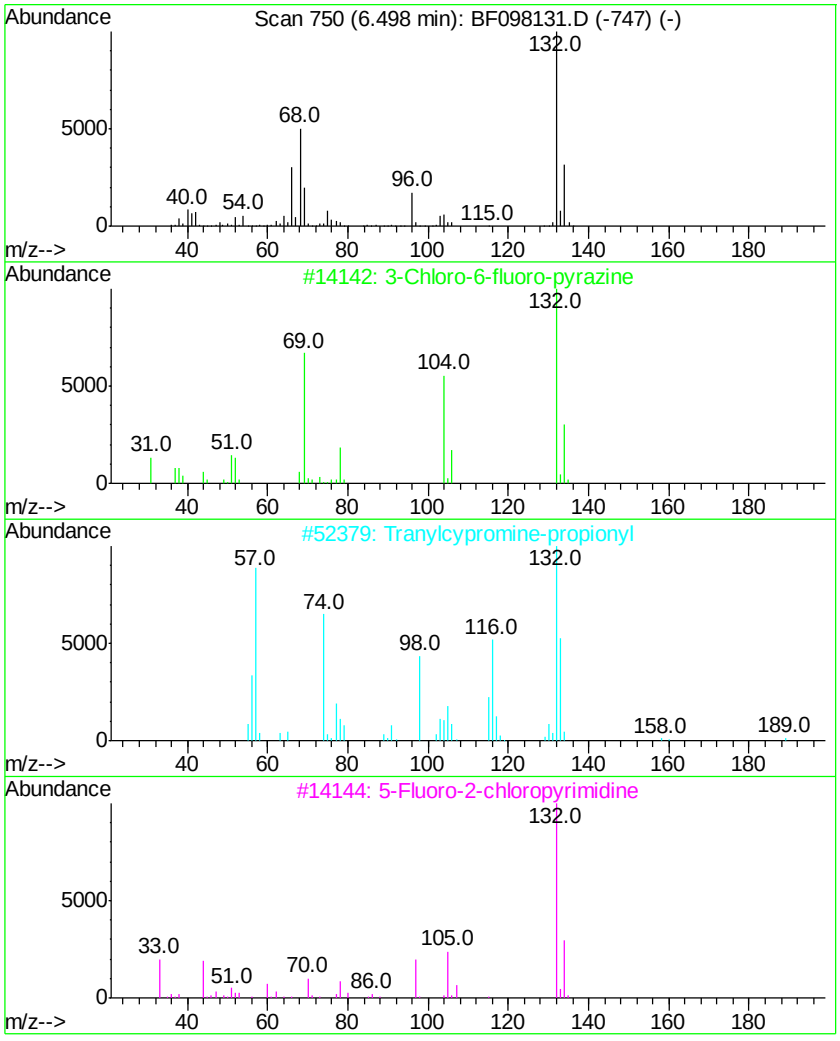
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

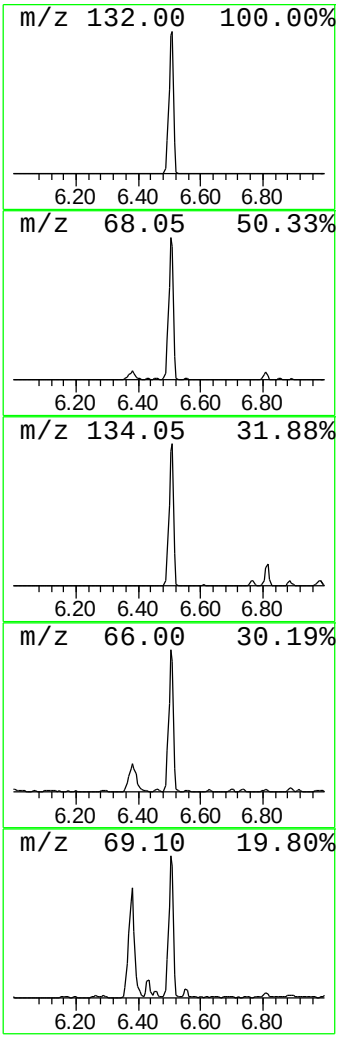
****

Peak Number 3 unknown6.50 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.50	71.55 ng	3218160	1,4-Dichlorobenzene-d4	6.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
4	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF082917\
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Sample : I4979-05
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.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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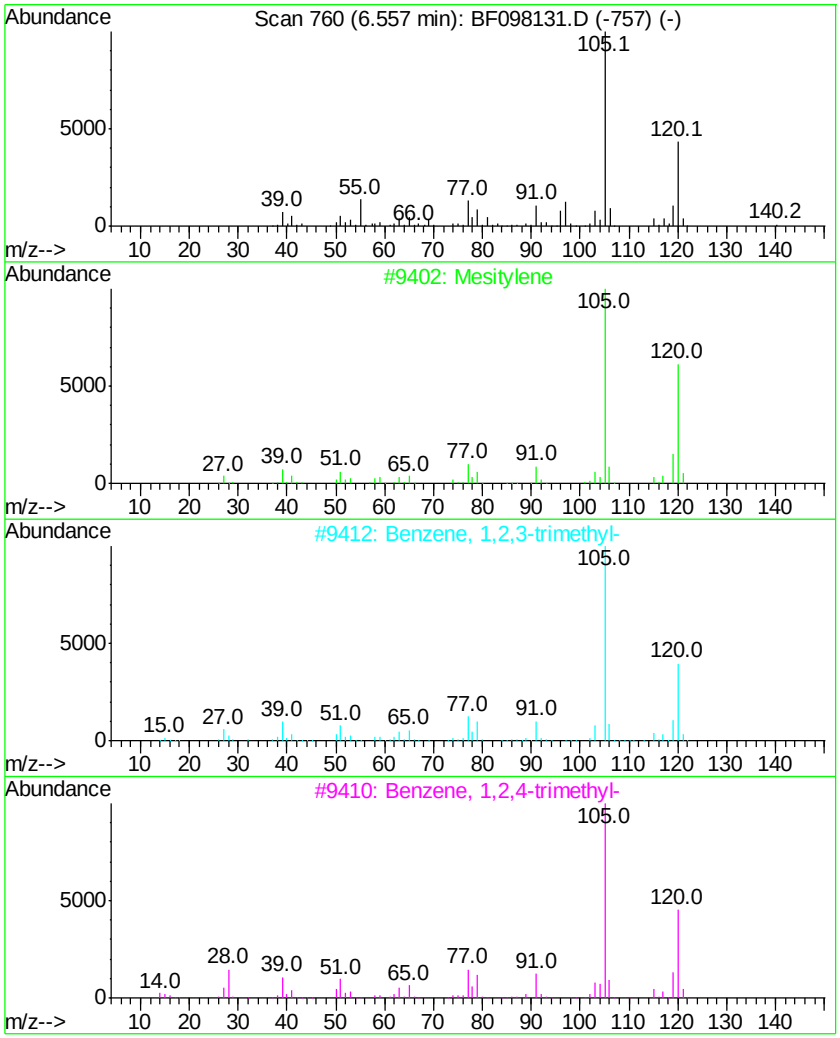
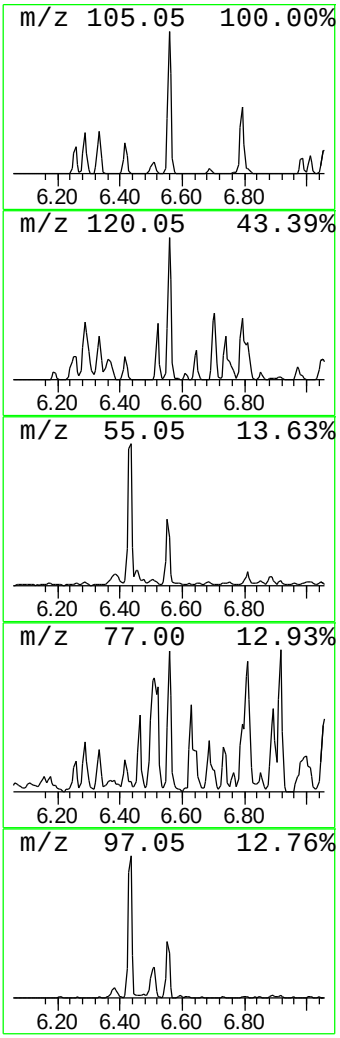
Peak Number 4 Mesitylene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.56	12.76 ng	573734	1,4-Dichlorobenzene-d4	6.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene	120	C9H12	000108-67-8	95
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	81
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	81





Data Path : Z:\HPCHEM1\BNA F\DATA\BF082917\
Data File : BF098131.D
Acq On : 30 Aug 2017 00:46
Operator : SJ/JU
Sample : I4979-05
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

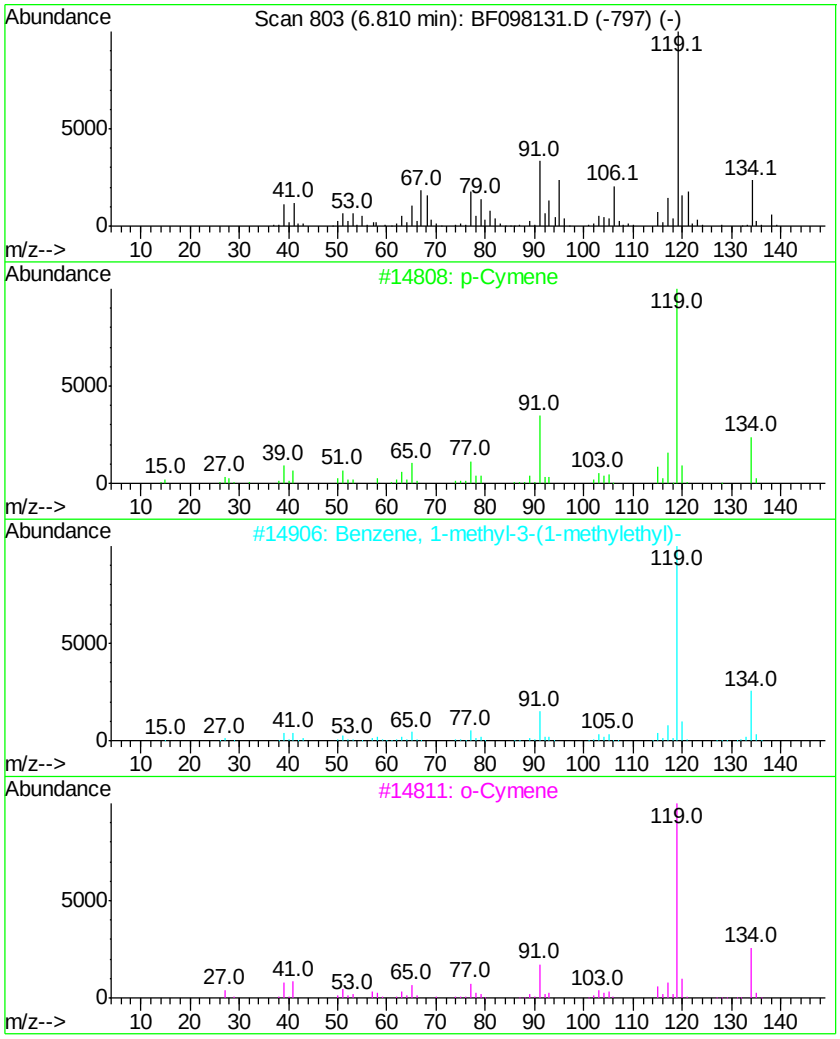
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

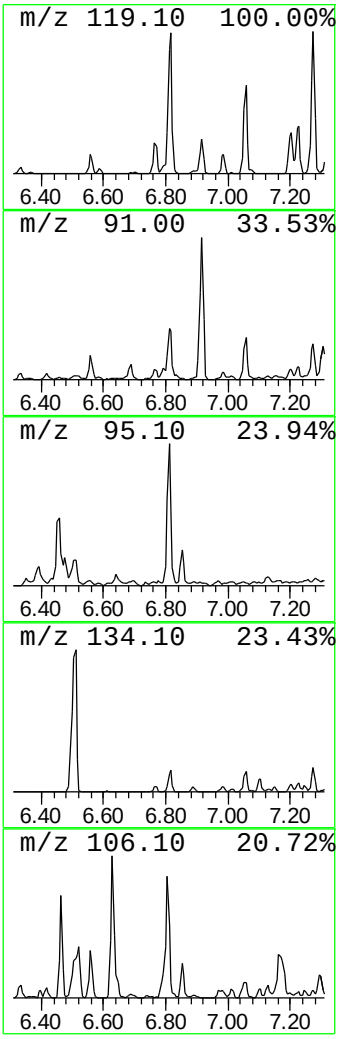
****

Peak Number 5 p-Cymene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.81	18.74 ng	842805	1,4-Dichlorobenzene-d4	6.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Cymene	134	C10H14	000099-87-6	91
2	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	91
3	o-Cymene	134	C10H14	000527-84-4	64
4	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	58
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	58





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Data File : BF098131.D
Acq On : 30 Aug 2017 00:46
Operator : SJ/JU
Sample : I4979-05
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.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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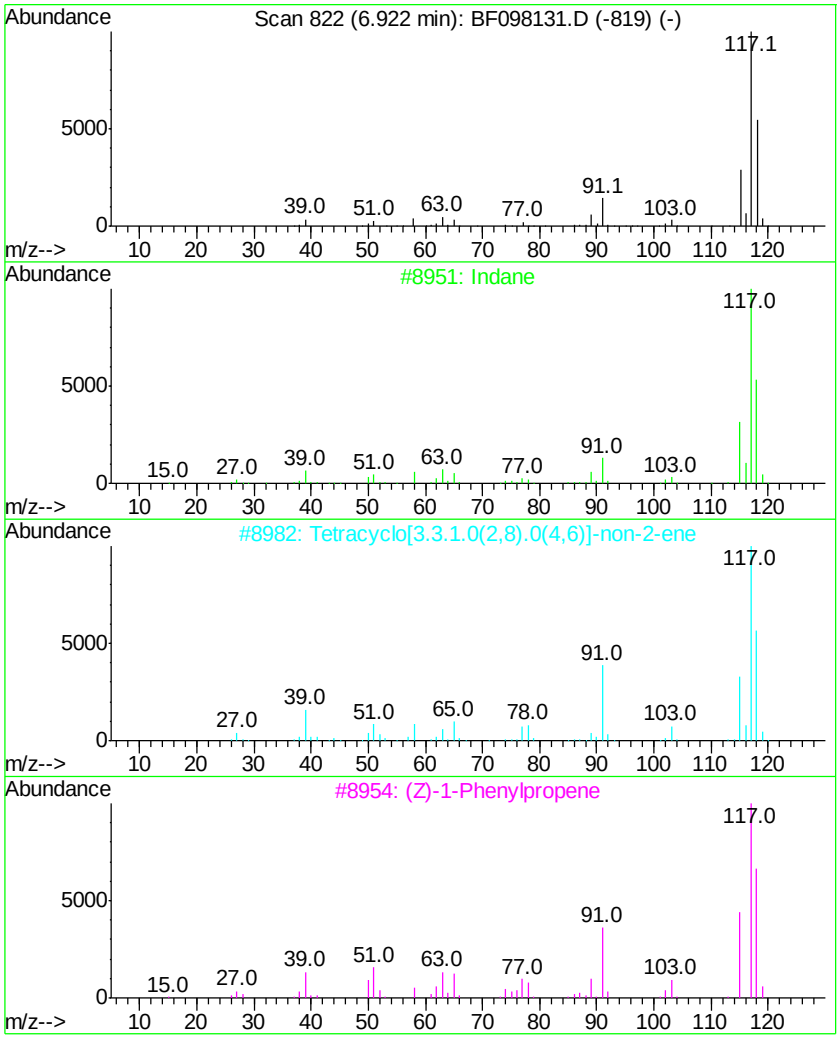
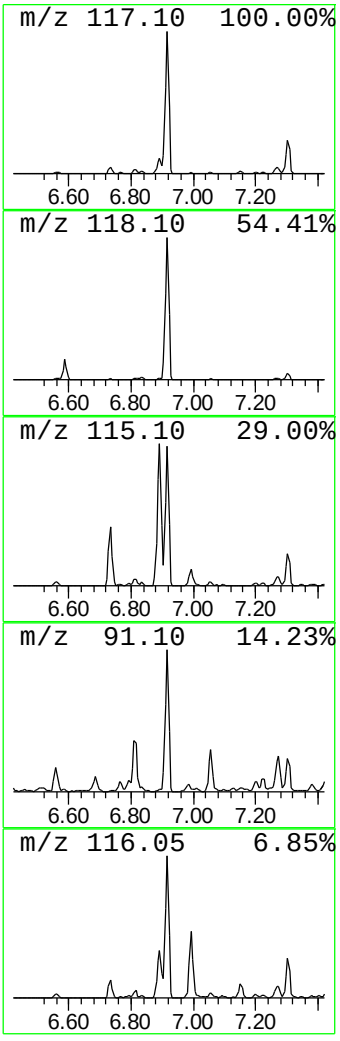
Peak Number 7 Indane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.92	36.28 ng	1631810	1,4-Dichlorobenzene-d4	6.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	93
2	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	83
3	(Z)-1-Phenylpropene	118	C9H10	000766-90-5	72
4	Deltacyclene	118	C9H10	007785-10-6	72
5	Benzene, cyclopropyl-	118	C9H10	000873-49-4	72





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Instrument : BNA_F
ClientSampleId : TP-5

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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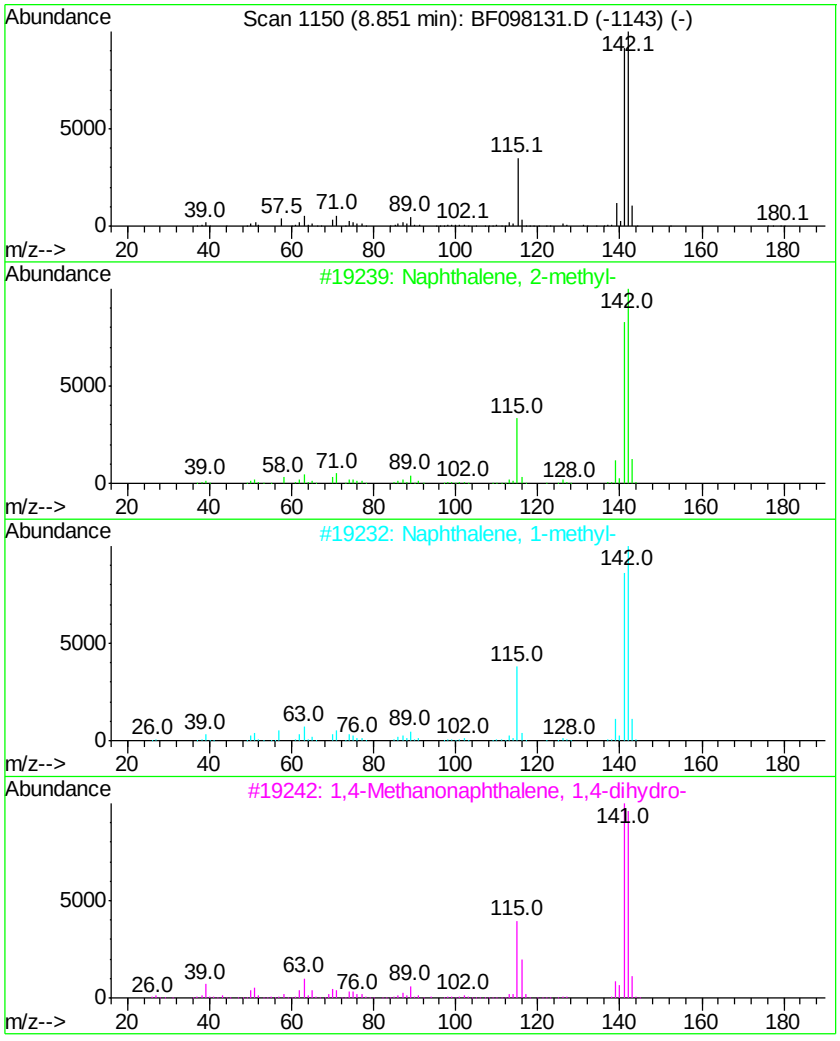
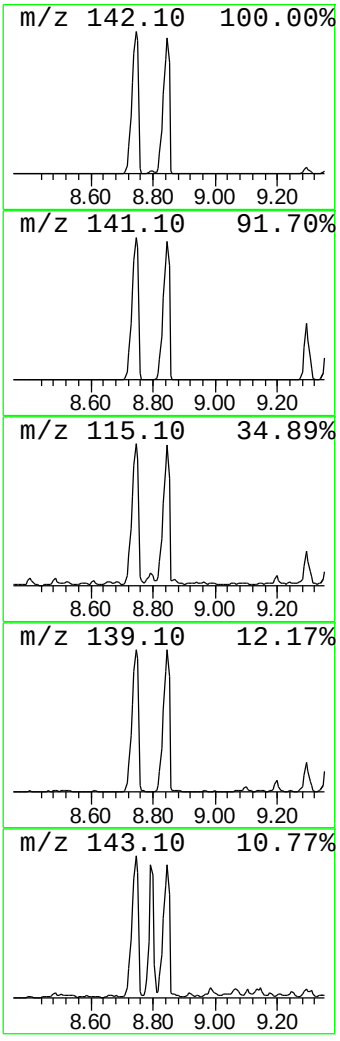
Peak Number 8 Naphthalene, 1-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.85	13.37 ng	6662250	Naphthalene-d8	8.02

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	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94
4	Benzocycloheptatriene	142	C11H10	000264-09-5	91
5	Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	91





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ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-5

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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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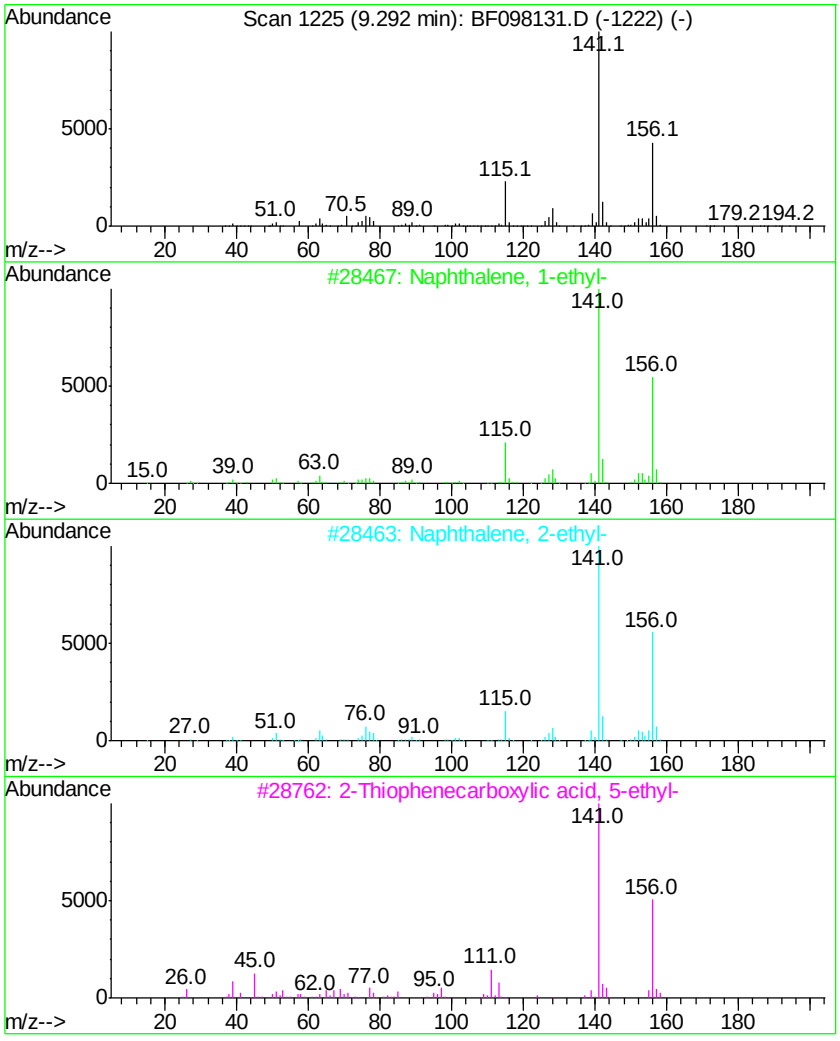
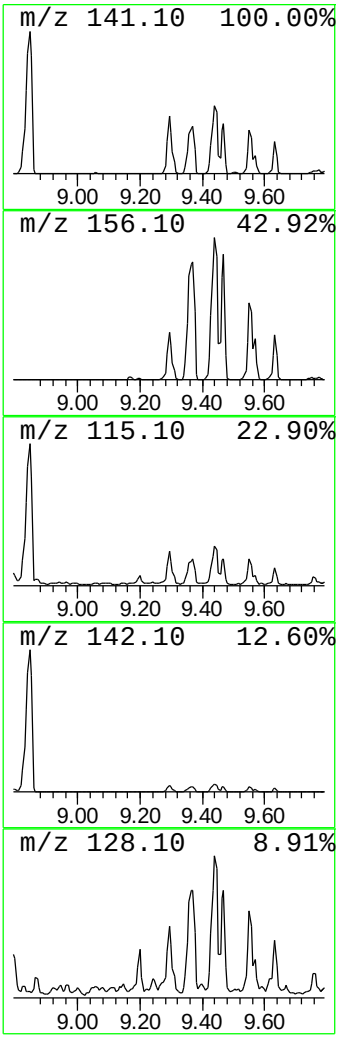
Peak Number 9 Naphthalene, 1-ethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.29	15.87 ng	1873930	Acenaphthene-d10	9.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	96
2	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	95
3	2-Thiophenecarboxylic acid, 5-et...	156	C7H8O2S	023229-72-3	72
4	3',4'-Difluoroacetophenone	156	C8H6F2O	000369-33-5	64
5	5-Acetyl-2-amino-4-methylthiazole	156	C6H8N2OS	030748-47-1	59





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Operator : SJ/JU
Sample : I4979-05
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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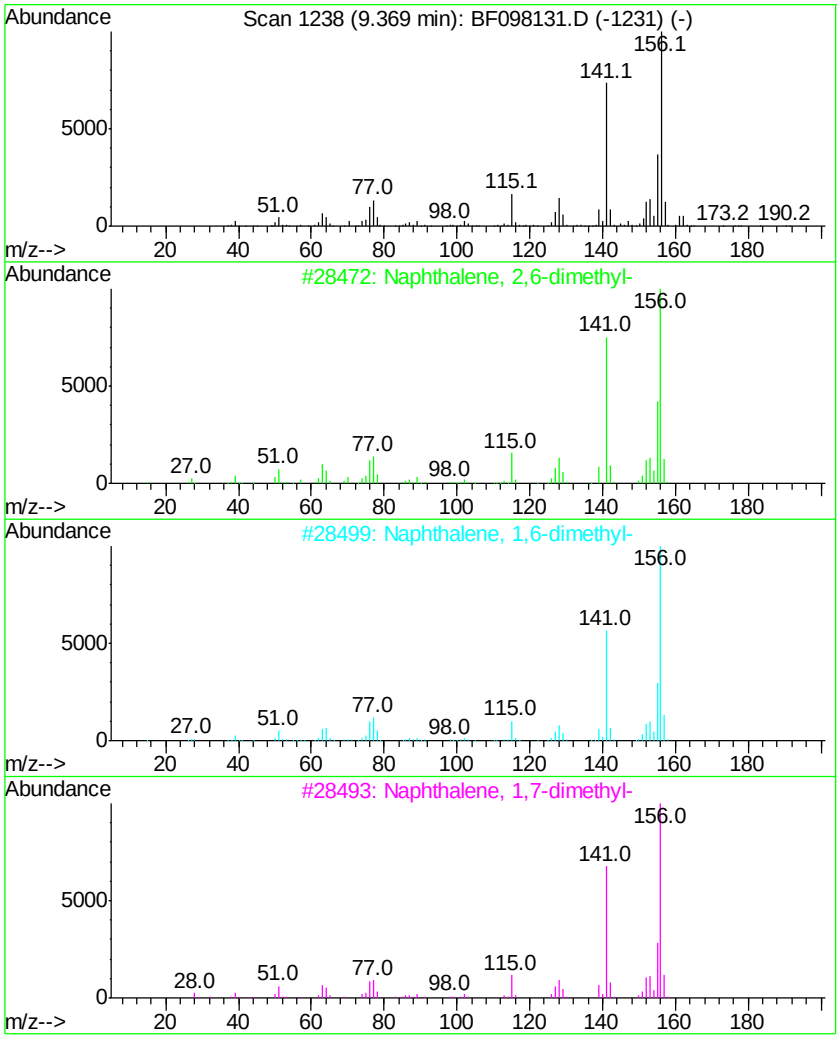
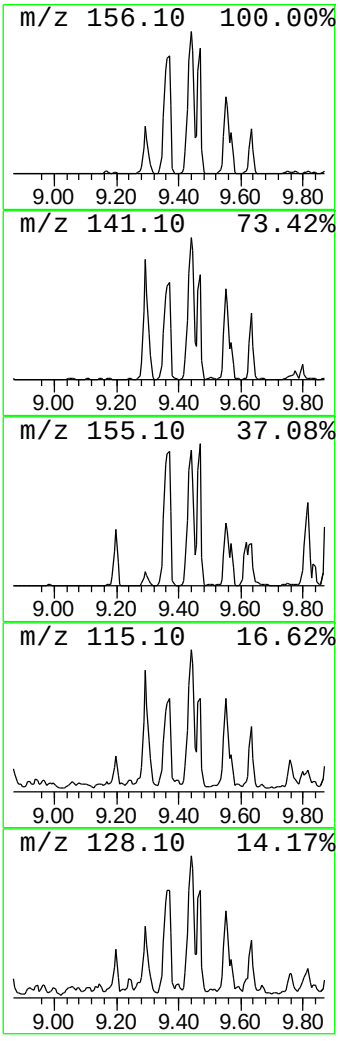
Peak Number 10 Naphthalene, 2,6-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.37	32.33 ng	3818260	Acenaphthene-d10	9.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
4	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96





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Sample : I4979-05
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-5

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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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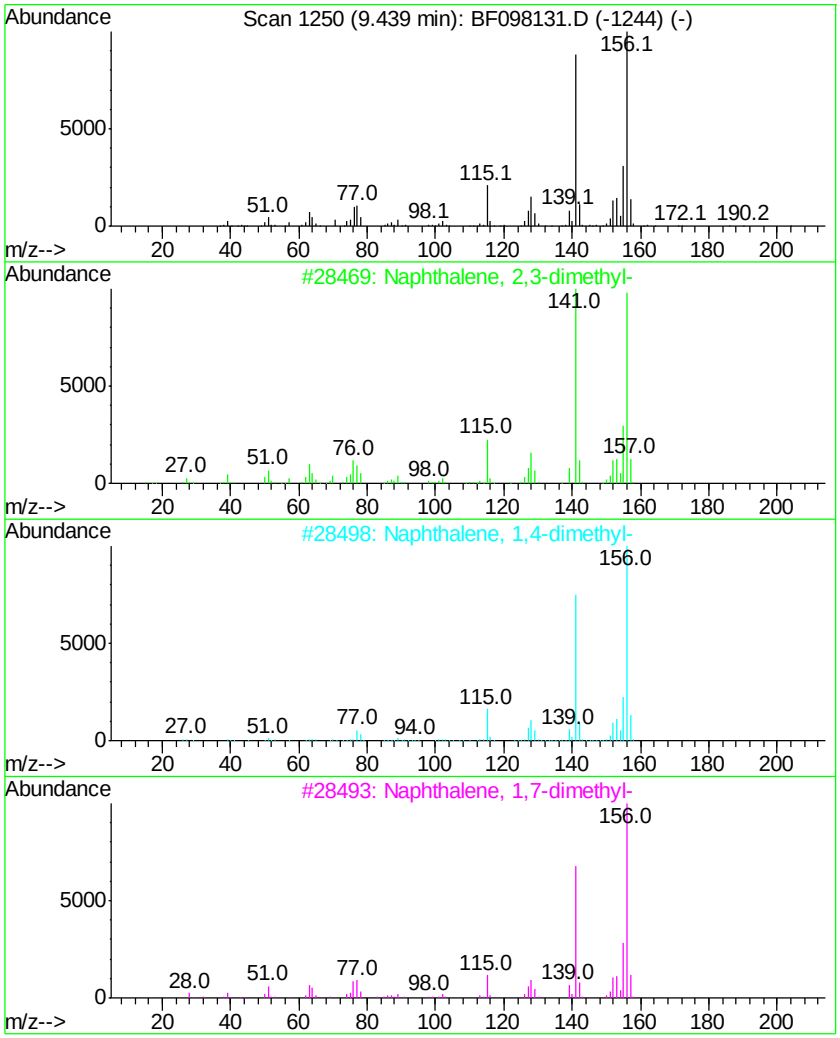
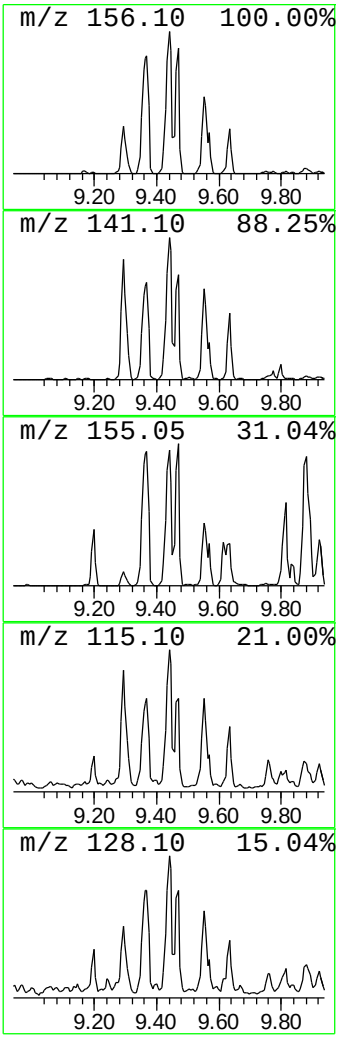
Peak Number 11 Naphthalene, 2,3-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.44	33.59 ng	3966720	Acenaphthene-d10	9.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97





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Sample : I4979-05
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.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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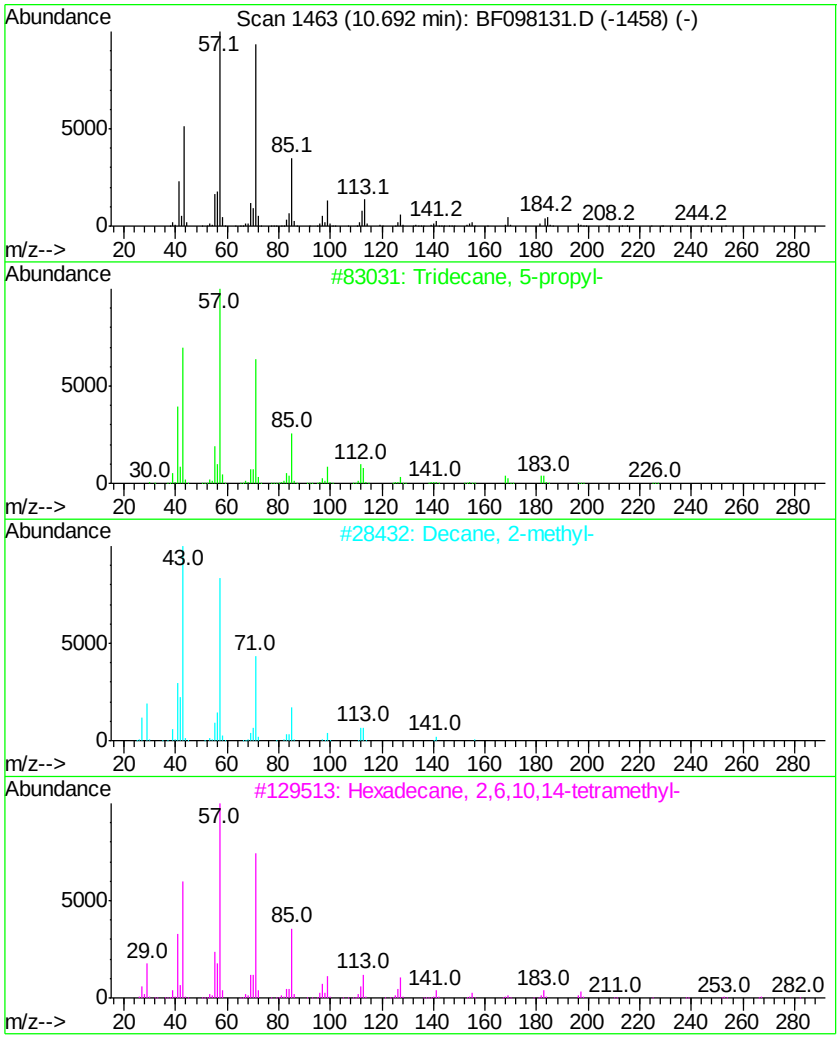
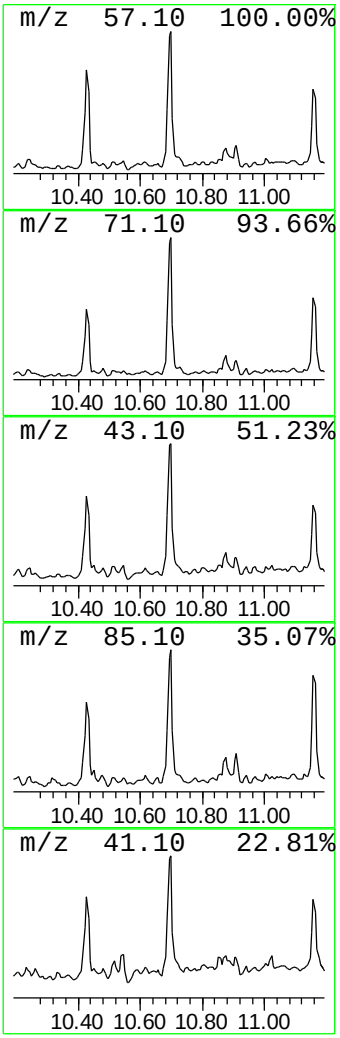
Peak Number 14 Tridecane, 5-propyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.69	44.74 ng	1969550	Phenanthrene-d10	11.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 5-propyl-	226	C16H34	055045-11-9	90
2	Decane, 2-methyl-	156	C11H24	006975-98-0	87
3	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	86
4	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	80
5	Decane, 3,7-dimethyl-	170	C12H26	017312-54-8	72





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Sample : I4979-05
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.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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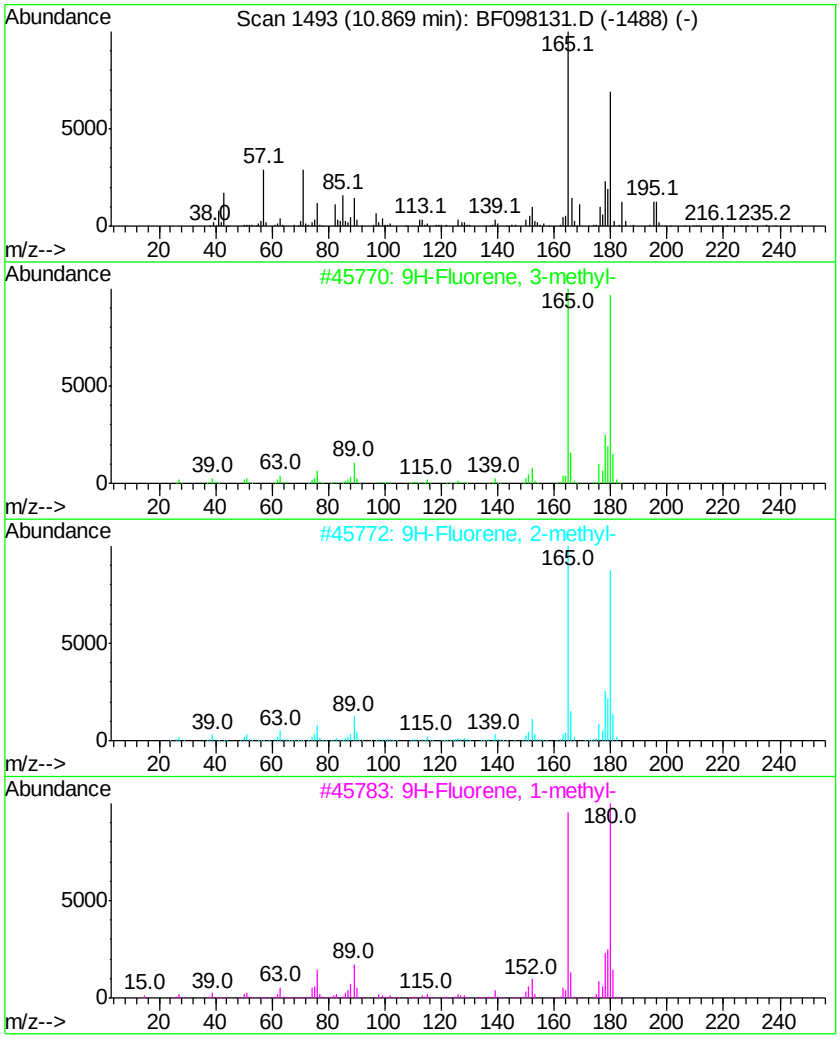
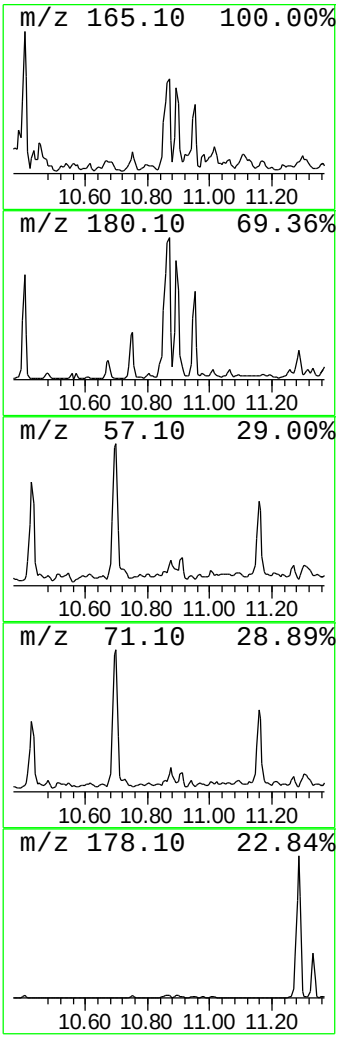
Peak Number 15 9H-Fluorene, 3-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.87	15.91 ng	700504	Phenanthrene-d10	11.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	83
2	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	83
3	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	64
4	9H-Fluorene, 4-methyl-	180	C14H12	001556-99-6	64
5	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	64





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Instrument : BNA_F
ClientSampleId : TP-5

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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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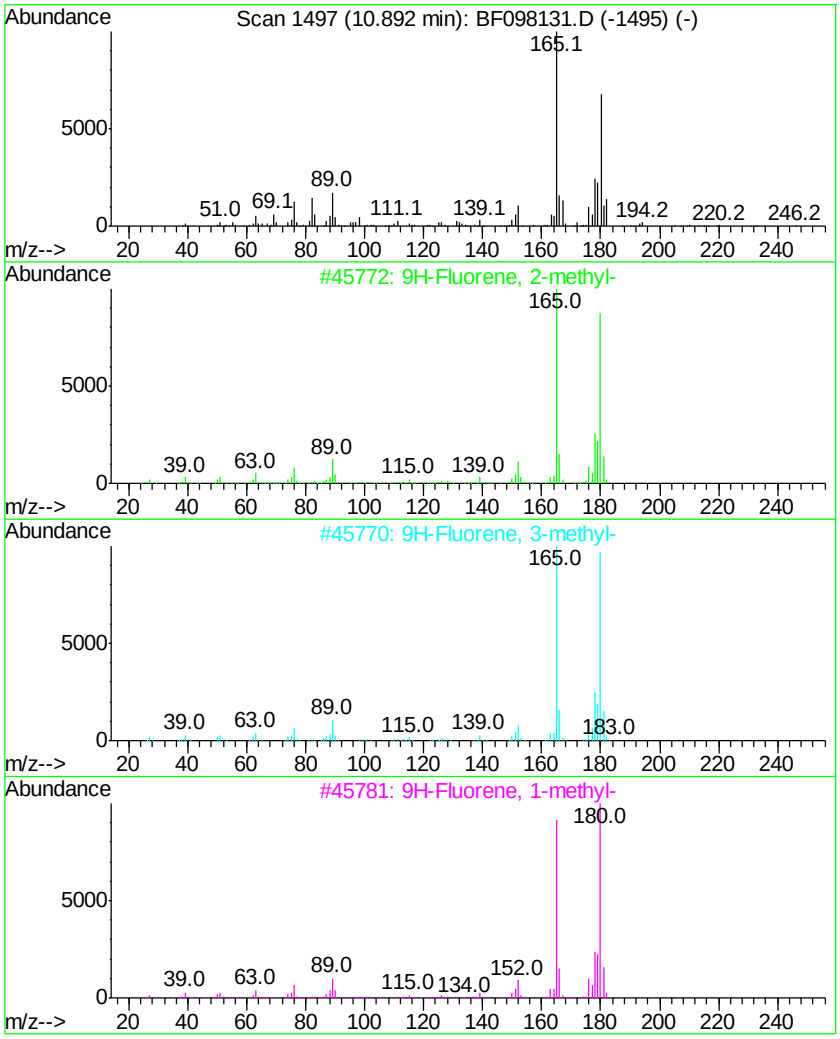
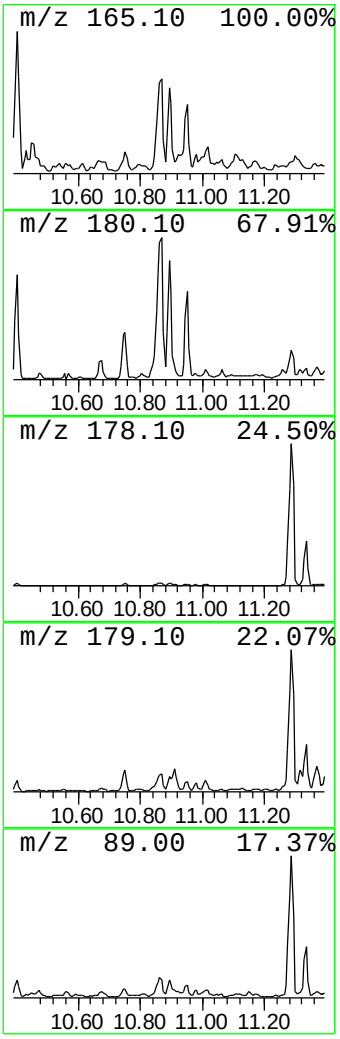
Peak Number 16 9H-Fluorene, 2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.89	12.67 ng	557848	Phenanthrene-d10	11.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	95
2	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	89
3	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	89
4	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	76
5	Pentacyclo[6.4.0.1(1,8).1(2,7)]t...	180	C14H12	086120-84-5	53





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Instrument : BNA_F
ClientSampleId : TP-5

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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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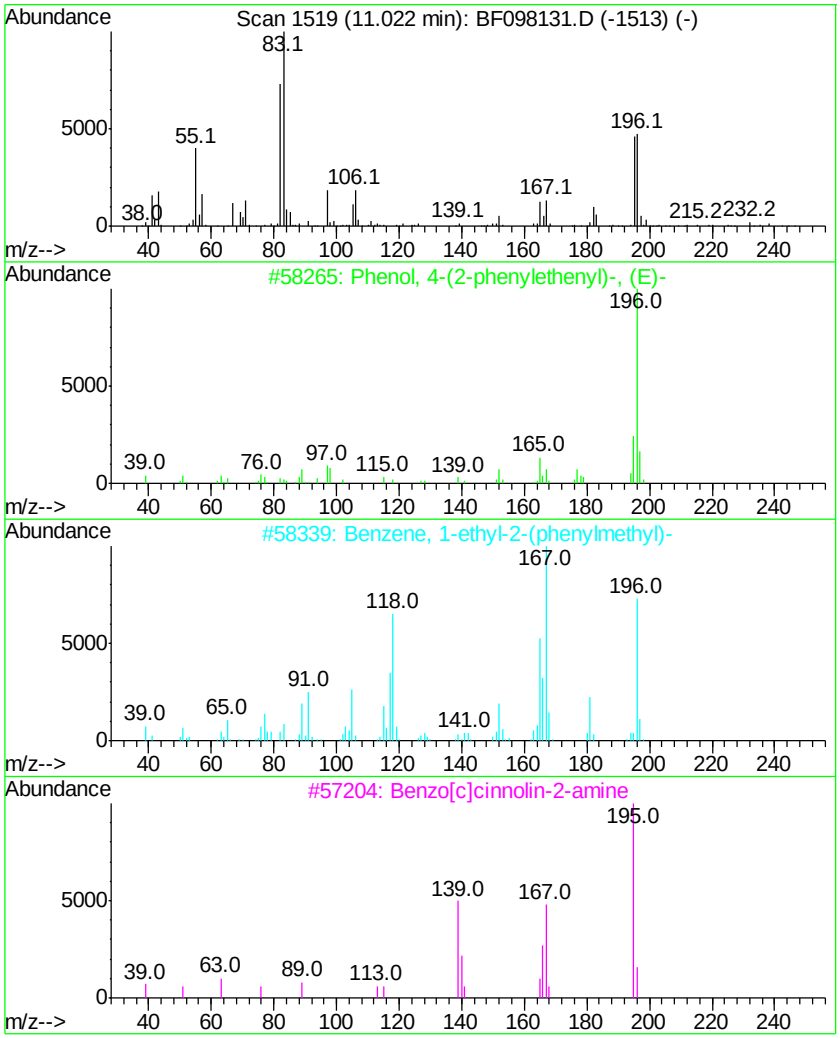
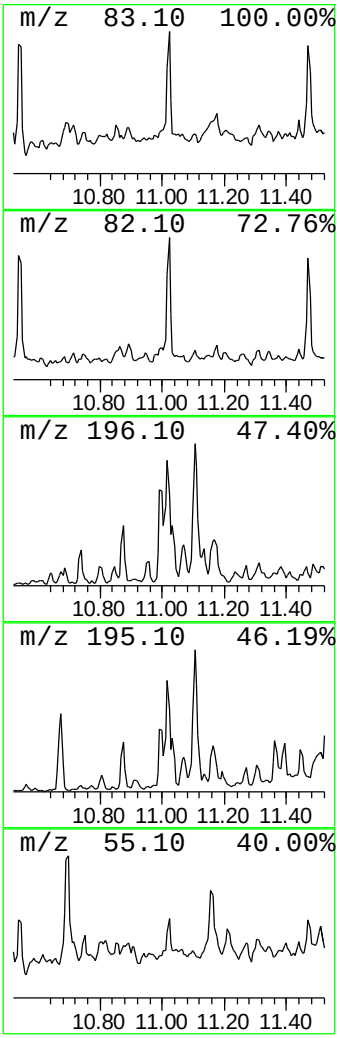
Peak Number 17 unknown11.02 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.02	13.42 ng	590895	Phenanthrene-d10	11.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(2-phenylethenyl)-, (E)-	196	C14H12O	006554-98-9	38
2	Benzene, 1-ethyl-2-(phenylmethyl)-	196	C15H16	028122-25-0	38
3	Benzo[c]cinnolin-2-amine	195	C12H9N3	004827-07-0	25
4	7-methyl-4-azafluorenone	195	C13H9NO	064292-02-0	25
5	2-Amino-6,7-dimethyl-5,6,7,8-tet...	195	C8H13N5O	1000239-36-2	25





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Instrument : BNA_F
ClientSampleId : TP-5

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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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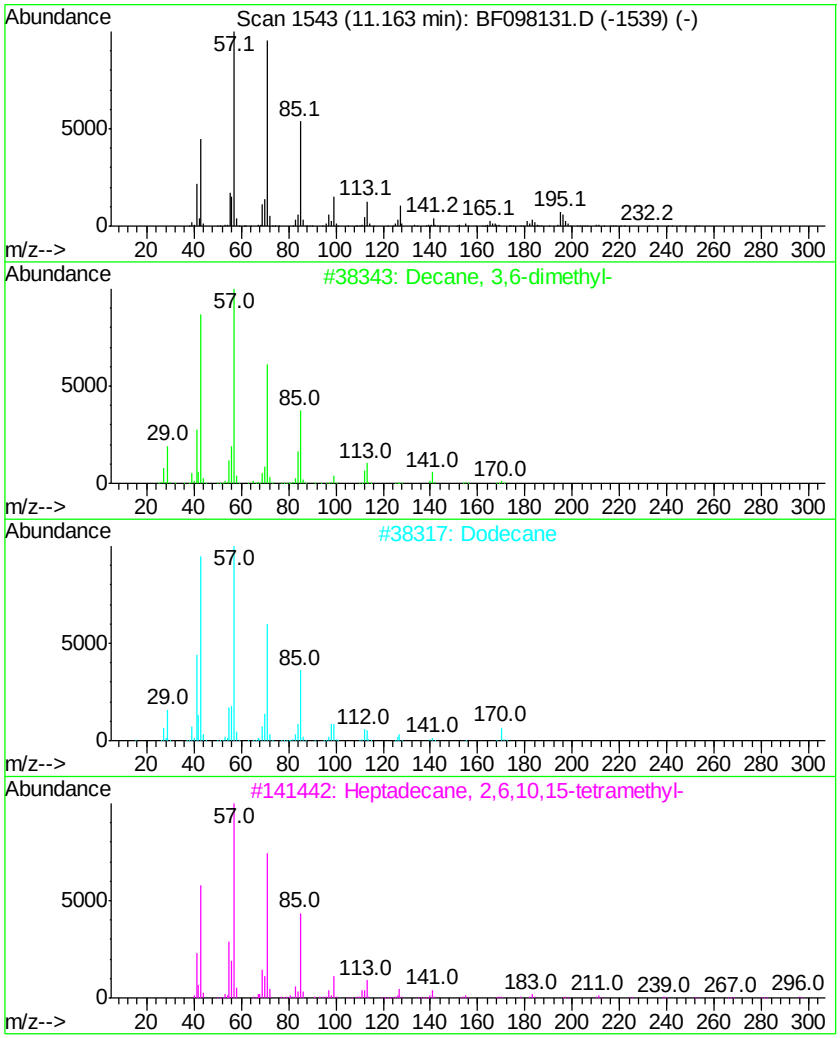
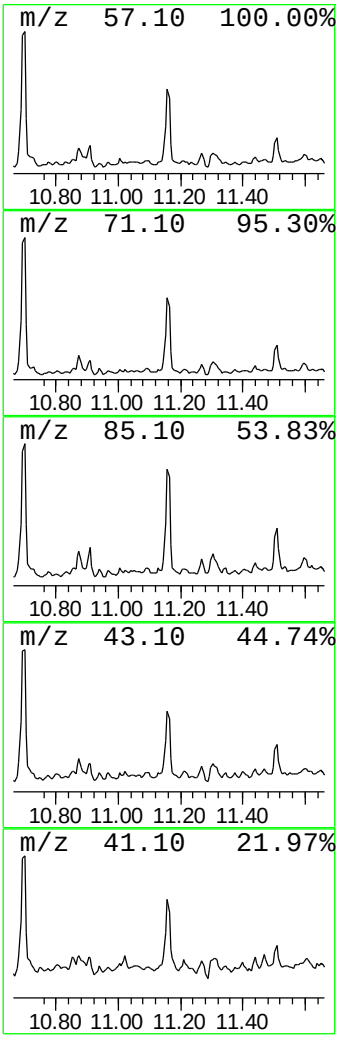
Peak Number 18 Decane, 3,6-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.16	31.25 ng	1375480	Phenanthrene-d10	11.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	74
2	Dodecane	170	C12H26	000112-40-3	72
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	72
4	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	64
5	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	64





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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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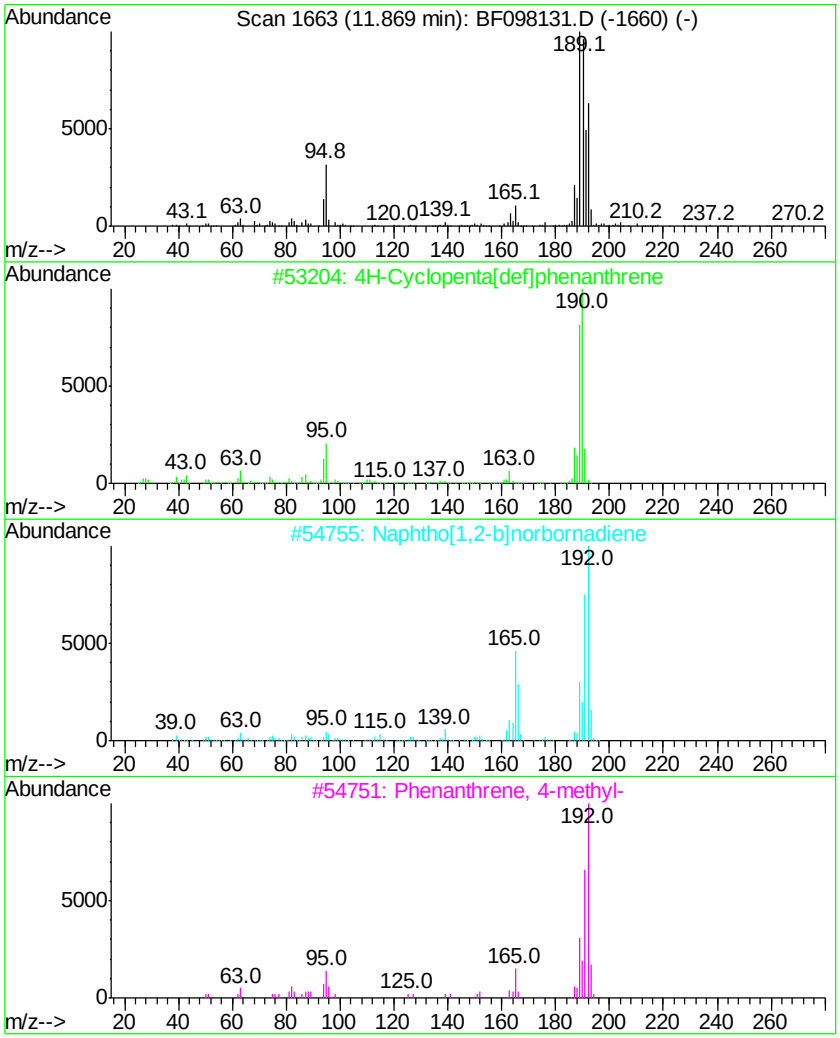
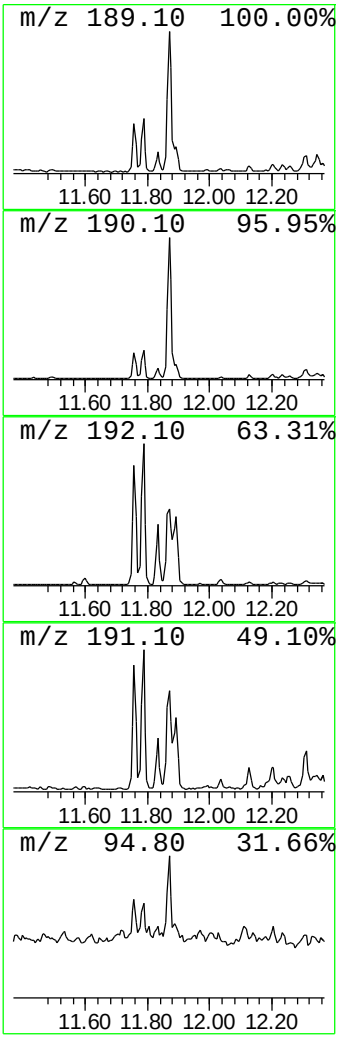
Peak Number 19 4H-Cyclopenta[def]phenanthrene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.87	13.18 ng	580038	Phenanthrene-d10	11.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
2	Naphtho[1,2-b]norbornadiene	192	C15H12	1000210-14-8	30
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	27
4	Benzene, 1,1'-(1,2-propadienylid...	192	C15H12	014251-57-1	22
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	20





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Sample : I4979-05
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.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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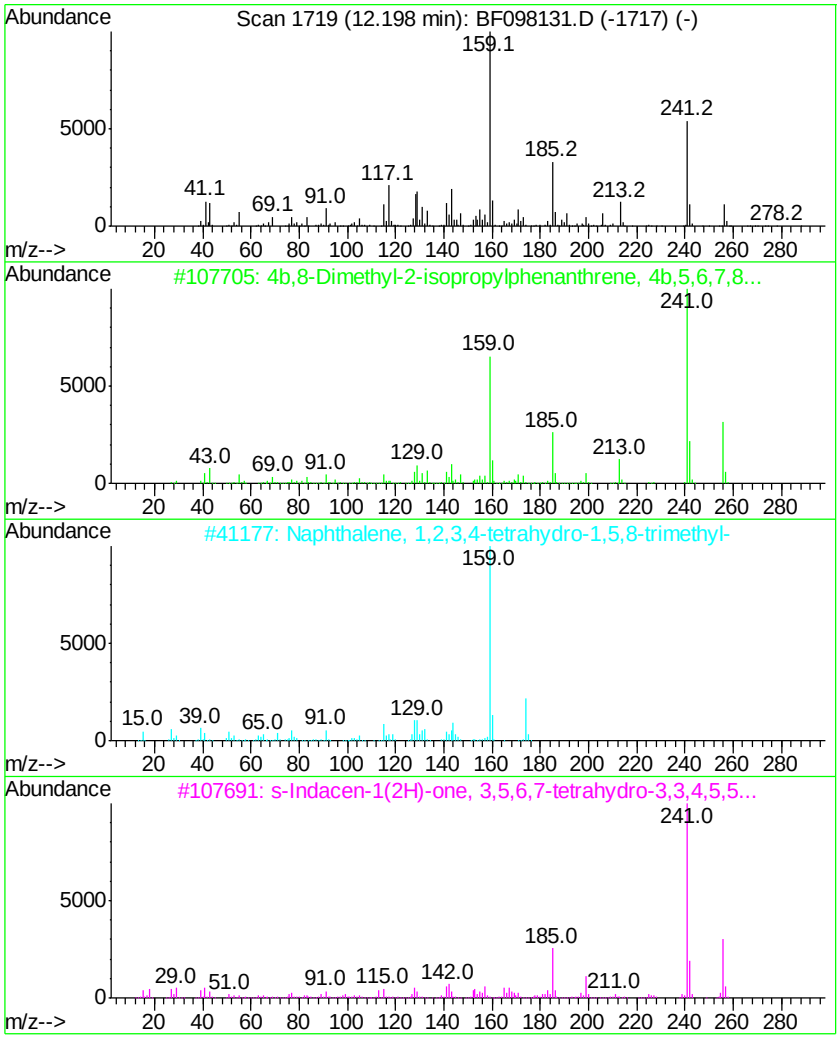
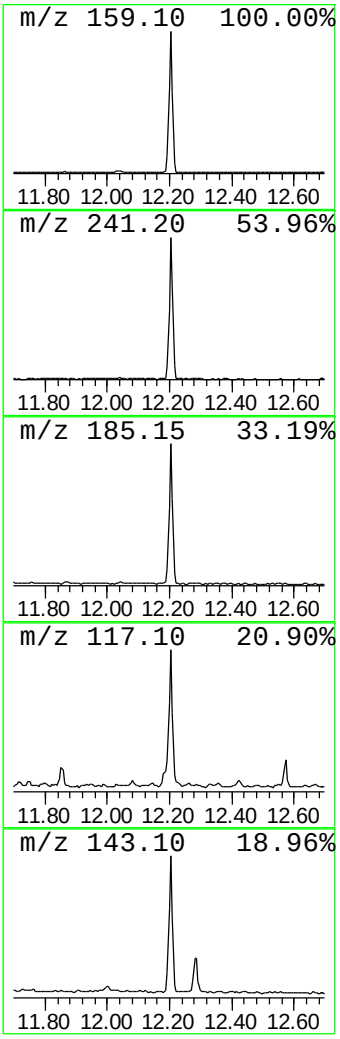
Peak Number 20 4b,8-Dimethyl-2-isopropylph... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.20	25.58 ng	1126120	Phenanthrene-d10	11.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4b,8-Dimethyl-2-isopropylphenant...	256	C19H28	1000197-14-1	97
2	Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	021693-51-6	38
3	s-Indacen-1(2H)-one, 3,5,6,7-tet...	256	C18H24O	038754-94-8	38
4	trans-calamenene	202	C15H22	1000374-17-3	27
5	4-Methoxycinnamonitrile,c&t	159	C10H9NO	028446-68-6	27





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082917\
Data File : BF098131.D
Acq On : 30 Aug 2017 00:46
Operator : SJ/JU
Sample : I4979-05
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.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
Pyridine, 2,6-dim...	5.45	11.6	ng	520030	1	6.73	899528	20.0
Pyridine, 2,4-dim...	5.99	15.8	ng	711081	1	6.73	899528	20.0
unknown6.50	6.50	71.5	ng	3218160	1	6.73	899528	20.0
Mesitylene	6.56	12.8	ng	573734	1	6.73	899528	20.0
p-Cymene	6.81	18.7	ng	842805	1	6.73	899528	20.0
Indane	6.92	36.3	ng	1631810	1	6.73	899528	20.0
Naphthalene, 1-me...	8.85	13.4	ng	6662250	2	8.02	9966910	20.0
Naphthalene, 1-et...	9.29	15.9	ng	1873930	3	9.77	2361950	20.0
Naphthalene, 2,6-...	9.37	32.3	ng	3818260	3	9.77	2361950	20.0
Naphthalene, 2,3-...	9.44	33.6	ng	3966720	3	9.77	2361950	20.0
Tridecane, 5-propyl-	10.69	44.7	ng	1969550	4	11.26	880396	20.0
9H-Fluorene, 3-me...	10.87	15.9	ng	700504	4	11.26	880396	20.0
9H-Fluorene, 2-me...	10.89	12.7	ng	557848	4	11.26	880396	20.0
unknown11.02	11.02	13.4	ng	590895	4	11.26	880396	20.0
Decane, 3,6-dimet...	11.16	31.3	ng	1375480	4	11.26	880396	20.0
4H-Cyclopenta[def...	11.87	13.2	ng	580038	4	11.26	880396	20.0
4b,8-Dimethyl-2-i...	12.20	25.6	ng	1126120	4	11.26	880396	20.0