LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062218\
Data File : BF106739.D
Acq On : 23 Jun 2018 5:34
Operator : JU/SJ
Sample : J3596-03
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-11

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-BF061918.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	4.001	276	283	289	rBV	186949	300631	12.15%	0.439%
2	5.601	552	555	560	rBV2	307374	409775	16.56%	0.599%
3	5.813	589	591	595	rVB2	1112047	870229	35.16%	1.271%
4	5.919	605	609	613	rBV3	732386	1405237	56.78%	2.053%
5	5.960	614	616	617	rVB	387353	259838	10.50%	0.380%
6	5.984	617	620	623	rBV3	290288	446302	18.03%	0.652%
7	6.013	623	625	631	rVB4	356133	309689	12.51%	0.452%
8	6.131	634	645	647	rBV3	473692	1084371	43.81%	1.584%
9	6.213	653	659	664	rVB2	629365	1287614	52.03%	1.881%
10	6.260	664	667	669	rVB	243040	233380	9.43%	0.341%
11	6.395	686	690	692	rBV3	191889	290130	11.72%	0.424%
12	6.425	692	695	701	rVB	412122	500901	20.24%	0.732%
13	6.495	702	707	716	rBV3	500410	941457	38.04%	1.375%
14	6.660	732	735	738	rVB3	817720	829639	33.52%	1.212%
15	6.701	738	742	746	rBV6	403271	626796	25.33%	0.916%
16	6.760	746	752	755	rBV2	461574	781204	31.56%	1.141%
17	6.789	755	757	760	rBV2	302127	372274	15.04%	0.544%
18	6.919	776	779	781	rBV4	322480	365002	14.75%	0.533%
19	6.966	785	787	790	rVB	319245	308507	12.46%	0.451%
20	7.042	797	800	805	rVB2	1097555	1696351	68.54%	2.478%
21	7.107	808	811	813	rBV2	522391	618239	24.98%	0.903%
22	7.131	813	815	821	rVB5	820226	1137904	45.98%	1.662%
23	7.184	821	824	826	rBV2	279387	260496	10.53%	0.381%
24	7.213	826	829	831	rBV2	450766	474642	19.18%	0.693%
25	7.231	831	832	835	rVB2	550788	408497	16.51%	0.597%
26	7.284	839	841	843	rBV	322232	273127	11.04%	0.399%
27	7.360	850	854	856	rBV2	564340	604310	24.42%	0.883%
28	7.395	856	860	863	rVB	1274404	1865149	75.36%	2.725%
29	7.431	863	866	868	rBV2	267761	344573	13.92%	0.503%
30	7.501	871	878	880	rBV4	1091879	1749749	70.70%	2.556%
31	7.536	880	884	887	rVV4	907292	1073518	43.37%	1.568%
32	7.566	887	889	891	rVB2	323412	255609	10.33%	0.373%
33	7.607	891	896	899	rVB6	658647	1015649	41.04%	1.484%
34	7.654	899	904	907	rBV5	464026	613159	24.77%	0.896%

LSC Area Percent Report

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Acq On : 23 Jun 2018 5:34
Operator : JU/SJ
Sample : J3596-03
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-11

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-BF061918.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	7.736	907	918	920	rBV3	865778	1511062	61.05%	2.208%
36	7.772	920	924	929	rVB4	603757	852912	34.46%	1.246%
37	7.860	936	939	941	rVB2	371665	291272	11.77%	0.426%
38	7.889	941	944	948	rBV4	480438	501699	20.27%	0.733%
39	7.995	957	962	969	rVB3	1409821	2474989	100.00%	3.616%
40	8.060	969	973	976	rBV4	392233	511318	20.66%	0.747%
41	8.113	979	982	985	rBV2	503028	447138	18.07%	0.653%
42	8.148	985	988	989	rBV3	309388	343635	13.88%	0.502%
43	8.295	1011	1013	1016	rVB2	1179348	1185150	47.89%	1.731%
44	8.331	1016	1019	1024	rBV3	591395	805967	32.56%	1.177%
45	8.395	1024	1030	1032	rBV4	306722	568807	22.98%	0.831%
46	8.425	1032	1035	1036	rVV3	301353	294083	11.88%	0.430%
47	8.448	1036	1039	1042	rVV4	559848	599203	24.21%	0.875%
48	8.501	1045	1048	1050	rVV3	305856	395940	16.00%	0.578%
49	8.536	1050	1054	1058	rVB4	877949	1372749	55.46%	2.005%
50	8.589	1058	1063	1066	rBV5	342377	624457	25.23%	0.912%
51	8.660	1072	1075	1077	rBV	963433	1078934	43.59%	1.576%
52	8.689	1077	1080	1082	rVV2	213915	284530	11.50%	0.416%
53	8.754	1088	1091	1093	rBV	643117	511259	20.66%	0.747%
54	8.783	1093	1096	1099	rBV4	296397	342400	13.83%	0.500%
55	8.831	1102	1104	1106	rVV2	325577	236024	9.54%	0.345%
56	8.972	1125	1128	1130	rBV	733563	662875	26.78%	0.968%
57	9.025	1134	1137	1140	rBV3	388045	476483	19.25%	0.696%
58	9.072	1142	1145	1148	rBV	978509	1055631	42.65%	1.542%
59	9.148	1155	1158	1161	rVB2	561181	585829	23.67%	0.856%
60	9.189	1163	1165	1168	rVV3	196156	218522	8.83%	0.319%
61	9.260	1173	1177	1179	rVB2	903363	940303	37.99%	1.374%
62	9.325	1184	1188	1192	rVB	898108	1007063	40.69%	1.471%
63	9.401	1196	1201	1203	rBV3	561458	795956	32.16%	1.163%
64	9.472	1211	1213	1217	rVB3	293792	274828	11.10%	0.402%
65	9.601	1230	1235	1237	rVB2	480628	677662	27.38%	0.990%
66	9.666	1243	1246	1249	rBV	551805	704505	28.46%	1.029%
67	9.713	1249	1254	1257	rVB4	1019396	1394332	56.34%	2.037%
68	9.866	1278	1280	1282	rBV	274601	254646	10.29%	0.372%
69	9.913	1286	1288	1291	rVV	347460	284979	11.51%	0.416%
70	10.201	1334	1337	1340	rVV3	241169	283235	11.44%	0.414%
71	10.248	1341	1345	1354	rVB3	393911	700445	28.30%	1.023%

LSC Area Percent Report

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Acq On : 23 Jun 2018 5:34
Operator : JU/SJ
Sample : J3596-03
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-11

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

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Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	10.319	1354	1357	1360	rBV	234140	228658	9.24%	0.334%
73	10.348	1360	1362	1367	rVB3	214403	211749	8.56%	0.309%
74	10.413	1367	1373	1375	rBV4	491165	549878	22.22%	0.803%
75	10.472	1380	1383	1389	rVB5	146991	245945	9.94%	0.359%
76	10.630	1407	1410	1413	rVB	391772	412694	16.67%	0.603%
77	10.748	1427	1430	1432	rBV	248373	236936	9.57%	0.346%
78	10.801	1436	1439	1441	rVV	576913	501922	20.28%	0.733%
79	10.901	1450	1456	1457	rBV2	495466	720958	29.13%	1.053%
80	10.919	1457	1459	1462	rVV	606392	539100	21.78%	0.788%
81	10.972	1465	1468	1471	rVV	1030071	1097315	44.34%	1.603%
82	11.007	1471	1474	1477	rVV2	1021512	1342025	54.22%	1.961%
83	11.042	1477	1480	1482	rVV2	1152075	1112967	44.97%	1.626%
84	11.066	1482	1484	1487	rVV	833058	752614	30.41%	1.100%
85	11.107	1487	1491	1493	rVV	687354	1000249	40.41%	1.461%
86	11.154	1496	1499	1503	rVV3	1113416	1460078	58.99%	2.133%
87	11.195	1503	1506	1508	rVV	1141197	1218163	49.22%	1.780%
88	11.213	1508	1509	1511	rVV	554852	434757	17.57%	0.635%
89	11.236	1511	1513	1518	rVB	876636	736519	29.76%	1.076%
90	11.336	1527	1530	1532	rVV	329698	296617	11.98%	0.433%
91	11.366	1532	1535	1537	rVV2	203396	247377	10.00%	0.361%
92	11.395	1537	1540	1542	rVV	400799	366277	14.80%	0.535%
93	11.495	1554	1557	1560	rVV	341575	311526	12.59%	0.455%
94	11.713	1586	1594	1597	rVV	1295092	2414030	97.54%	3.527%
95	11.760	1599	1602	1605	rVV	315794	276037	11.15%	0.403%
96	12.024	1643	1647	1651	rBV3	210100	264396	10.68%	0.386%
97	13.077	1822	1826	1830	rBV	959574	898432	36.30%	1.313%
98	13.636	1917	1921	1923	rBV2	247054	272025	10.99%	0.397%
99	14.142	2004	2007	2011	rVV	339254	328299	13.26%	0.480%
100	15.677	2263	2268	2275	rVB2	217010	407399	16.46%	0.595%

Sum of corrected areas: 68449712

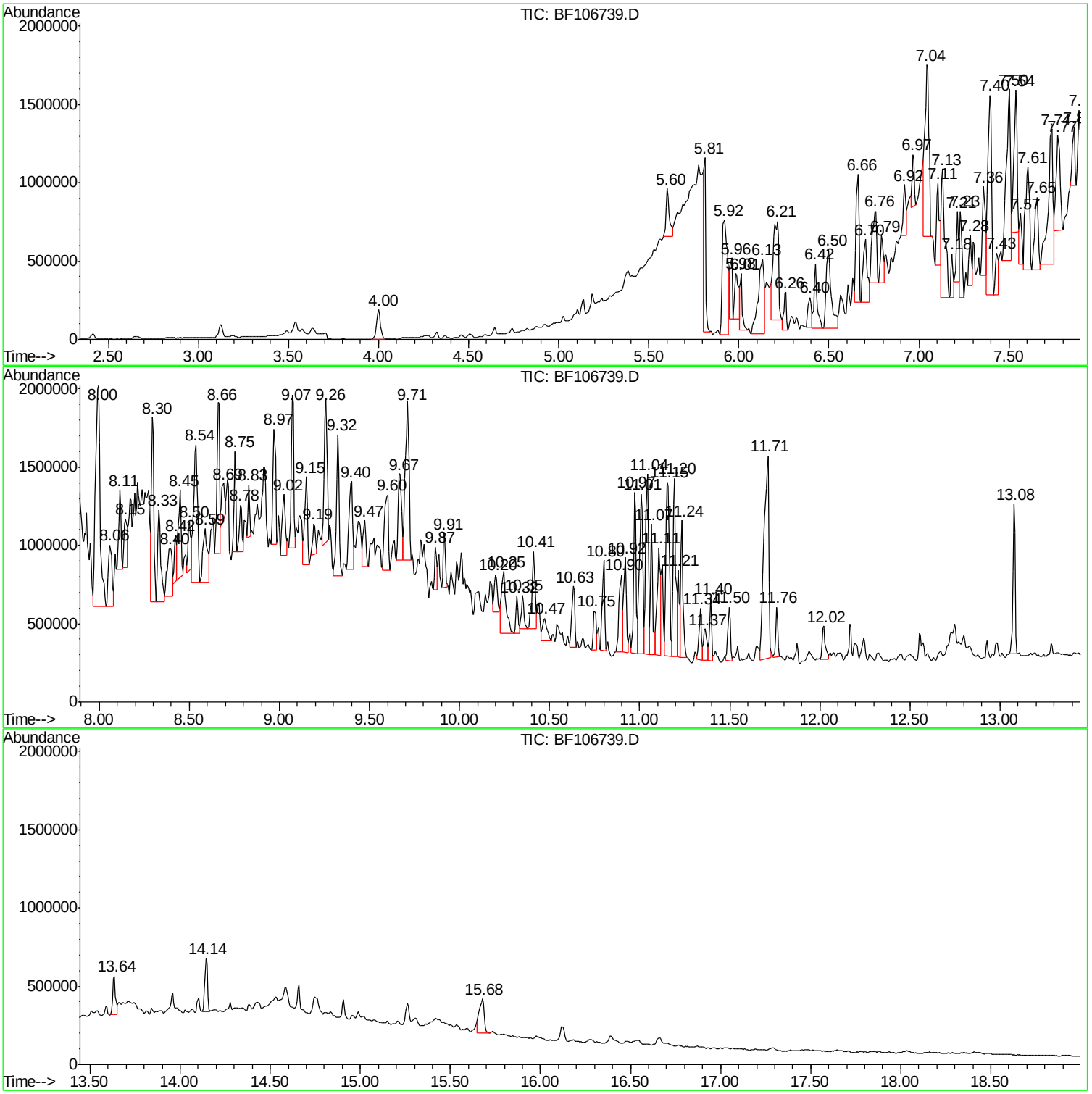
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062218\
Data File : BF106739.D
Acq On : 23 Jun 2018 5:34
Operator : JU/SJ
Sample : J3596-03
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-11

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062218\
Data File : BF106739.D
Acq On : 23 Jun 2018 5:34
Operator : JU/SJ
Sample : J3596-03
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-11

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

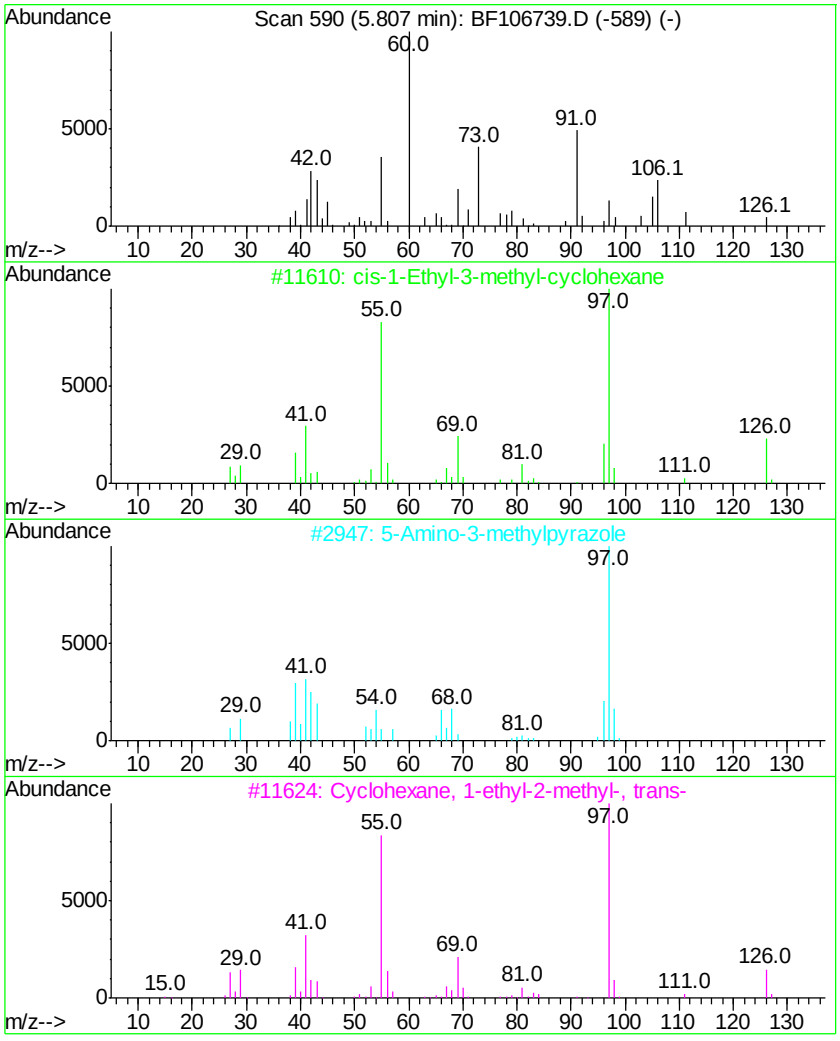
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

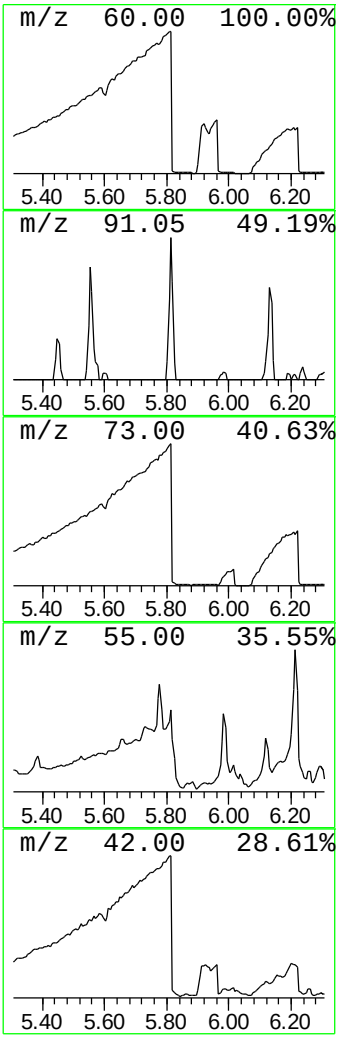
****

Peak Number 1 unknown5.81 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.81	56.42 ng	870229	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	27
2	5-Amino-3-methylpyrazole	97	C4H7N3	031230-17-8	25
3	Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-78-8	18
4	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	18
5	Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	18





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062218\
Data File : BF106739.D
Acq On : 23 Jun 2018 5:34
Operator : JU/SJ
Sample : J3596-03
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-11

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

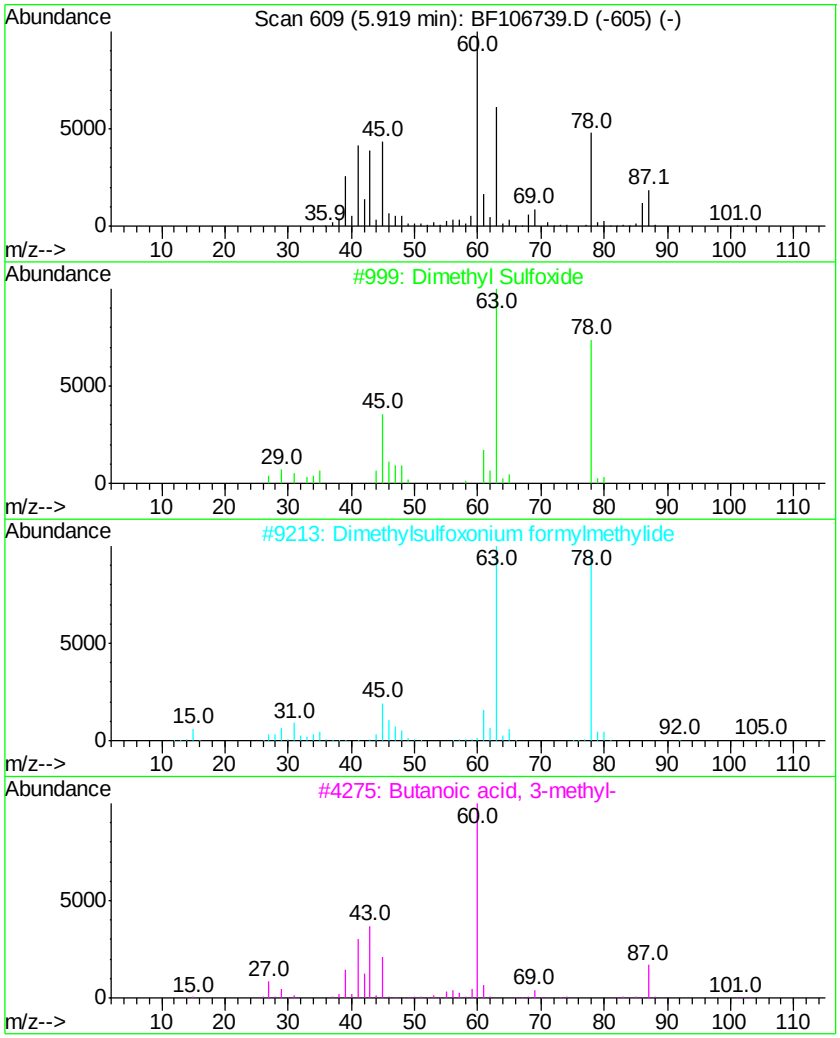
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

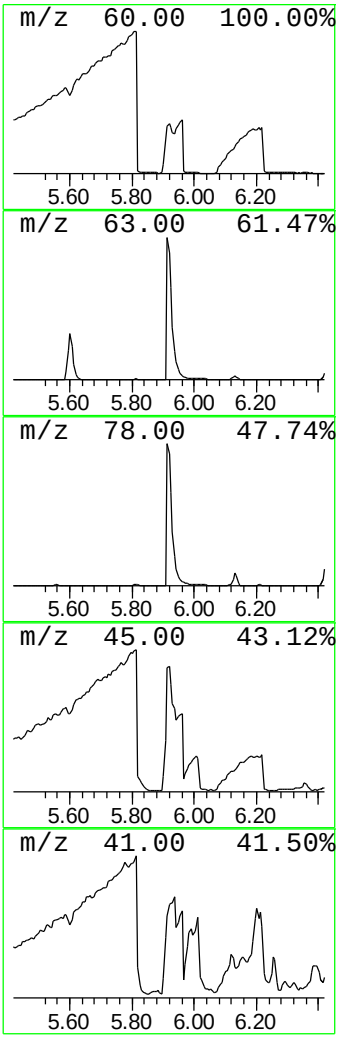
****

Peak Number 2 Dimethyl Sulfoxide Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.92	91.10 ng	1405240	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dimethyl Sulfoxide	78	C2H6OS	000067-68-5	64
2	Dimethylsulfoxonium formylmethylide	120	C4H8O2S	031043-74-0	50
3	Butanoic acid, 3-methyl-	102	C5H10O2	000503-74-2	14
4	Hydrazine, 1,1-dimethyl-	60	C2H8N2	000057-14-7	9
5	Pentanoic acid	102	C5H10O2	000109-52-4	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062218\
Data File : BF106739.D
Acq On : 23 Jun 2018 5:34
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Sample : J3596-03
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-11

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.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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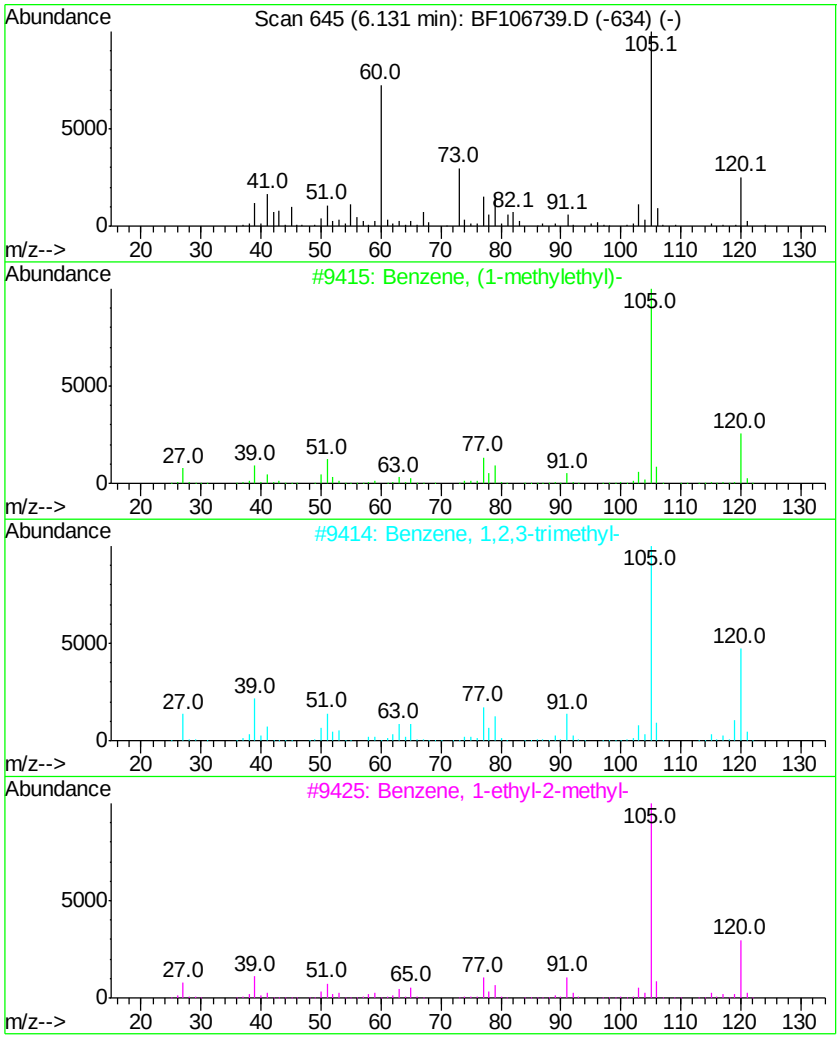
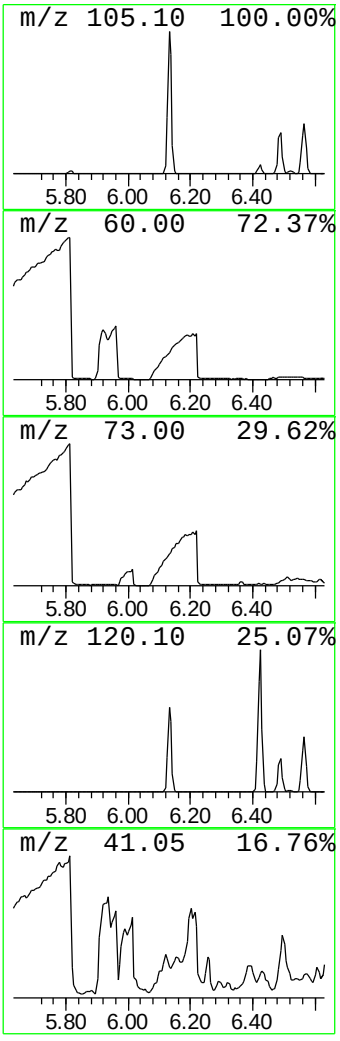
Peak Number 3 Benzene, (1-methylethyl)- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.13	70.30 ng	1084370	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	87
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	49
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	43
4	Trimethylsilyl methyl sulfide	120	C4H12SSi	003908-55-2	43
5	2,4-Nonadiyne	120	C9H12	063621-15-8	43





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062218\
Data File : BF106739.D
Acq On : 23 Jun 2018 5:34
Operator : JU/SJ
Sample : J3596-03
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-11

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.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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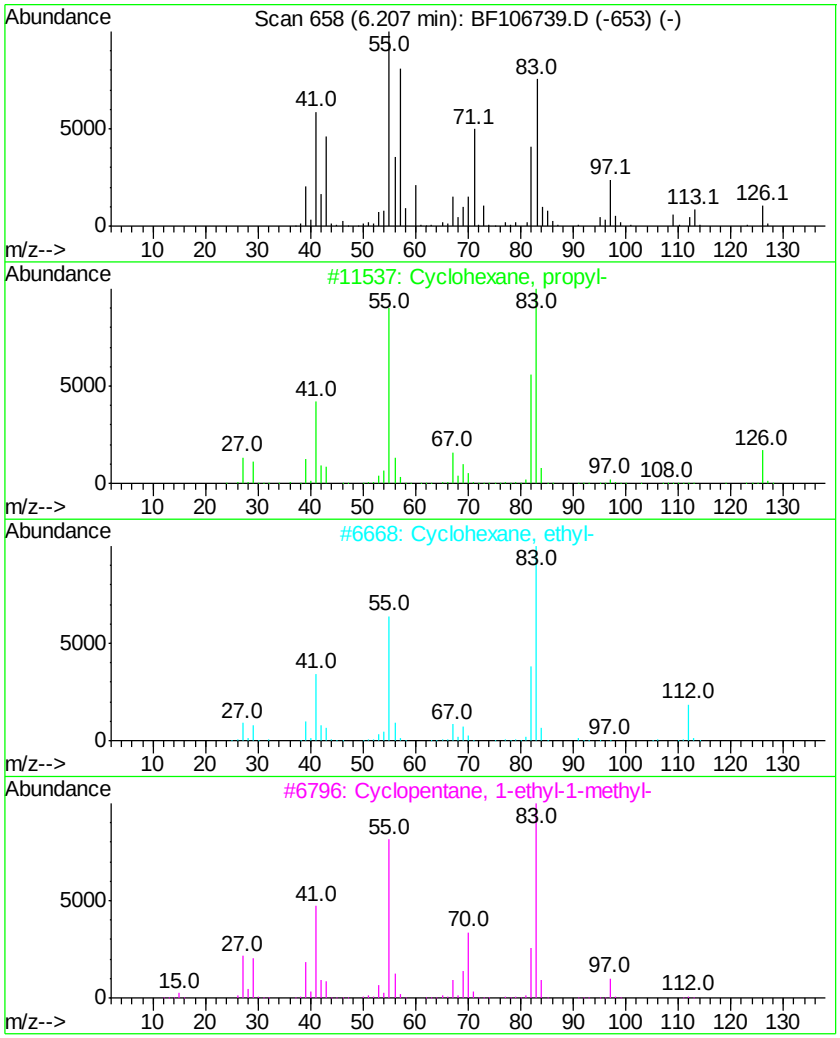
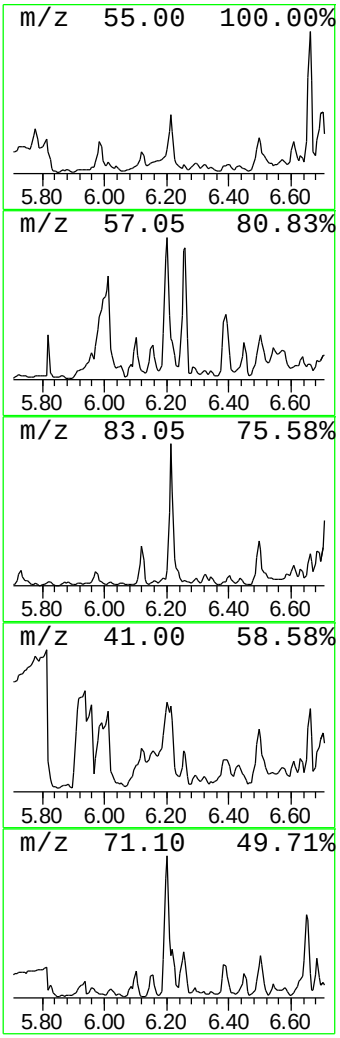
Peak Number 4 Cyclohexane, propyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.21	83.47 ng	1287610	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, propyl-	126	C9H18	001678-92-8	76
2	Cyclohexane, ethyl-	112	C8H16	001678-91-7	50
3	Cyclopentane, 1-ethyl-1-methyl-	112	C8H16	016747-50-5	49
4	Oxalic acid, cyclohexyl decyl ester	312	C18H32O4	1000309-31-2	47
5	1-Butene, 2,3,3-trimethyl-	98	C7H14	000594-56-9	46





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062218\
Data File : BF106739.D
Acq On : 23 Jun 2018 5:34
Operator : JU/SJ
Sample : J3596-03
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-11

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

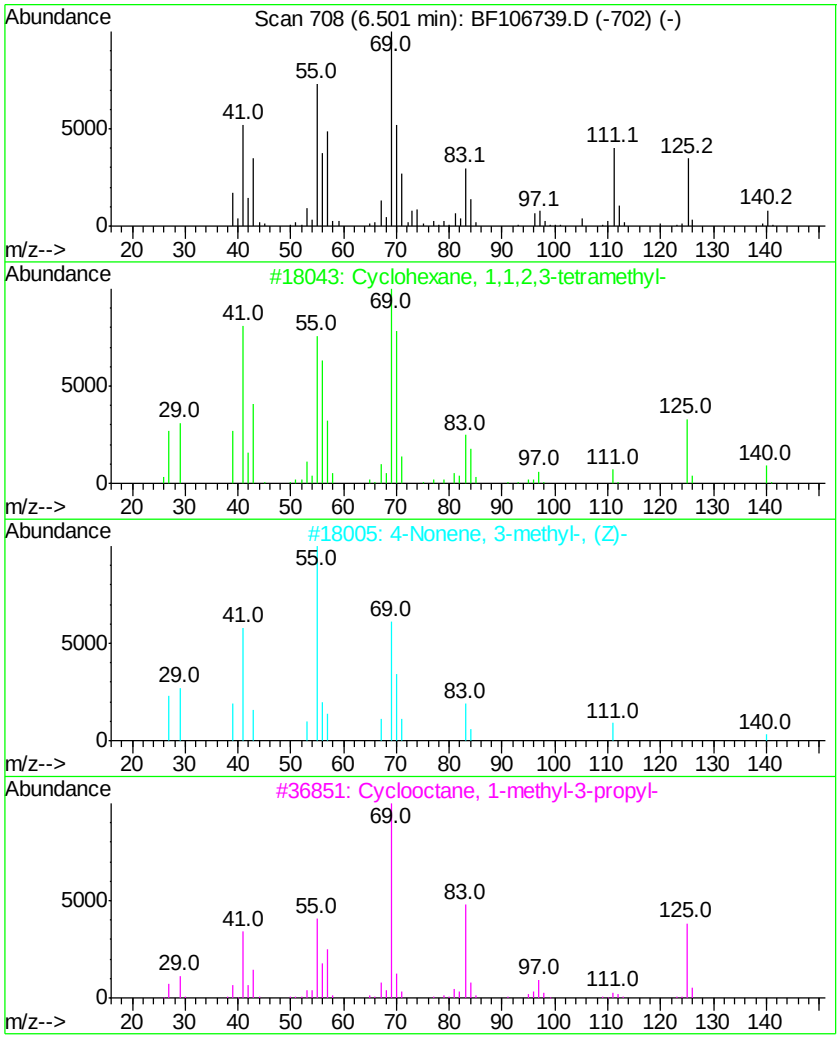
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

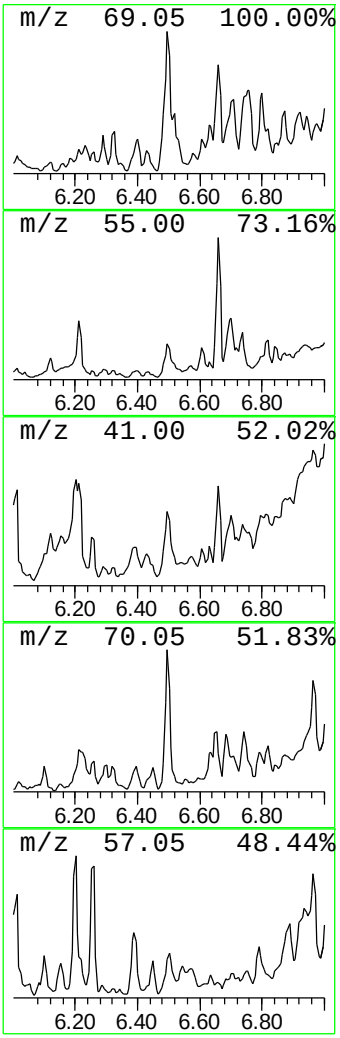
****

Peak Number 5 Cyclohexane, 1,1,2,3-tetram... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.50	61.03 ng	941457	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,2,3-tetramethyl-	140	C10H20	006783-92-2	74
2	4-Nonene, 3-methyl-, (Z)-	140	C10H20	063830-69-3	59
3	Cyclooctane, 1-methyl-3-propyl-	168	C12H24	255885-37-1	53
4	2-Nonene, 2-methyl-	140	C10H20	002129-95-5	49
5	1-Hexene, 3,3-dimethyl-	112	C8H16	003404-77-1	43





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Acq On : 23 Jun 2018 5:34
Operator : JU/SJ
Sample : J3596-03
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-11

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

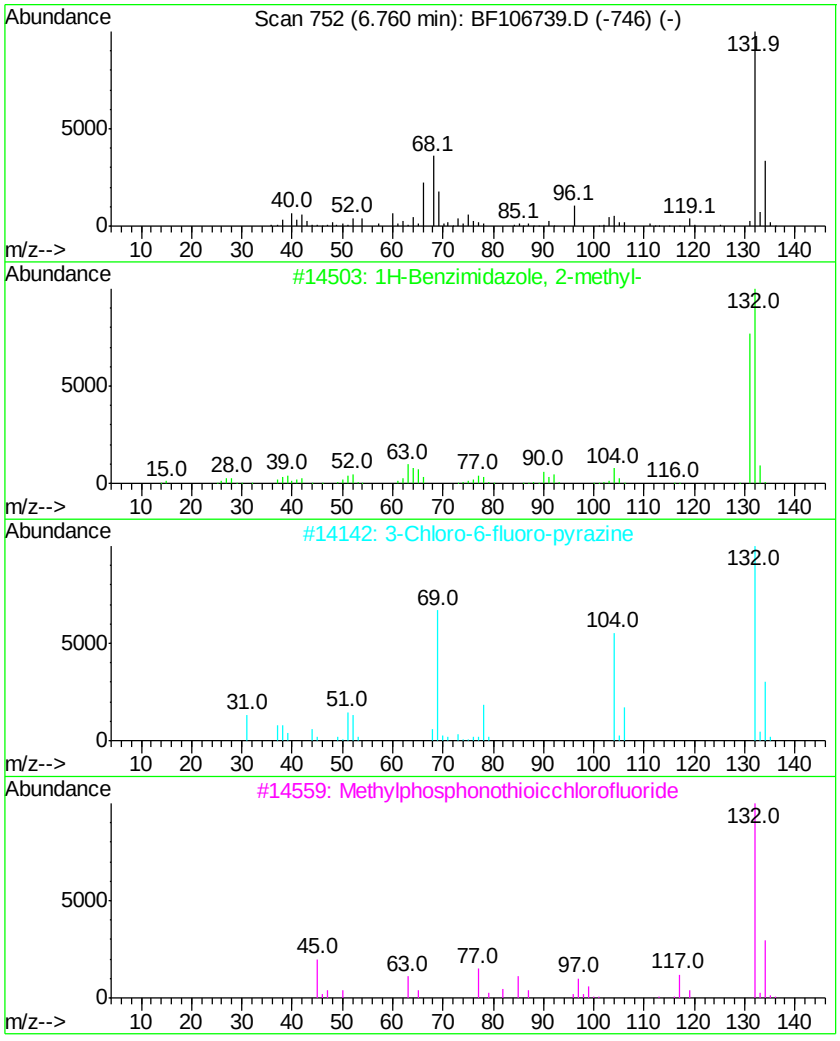
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

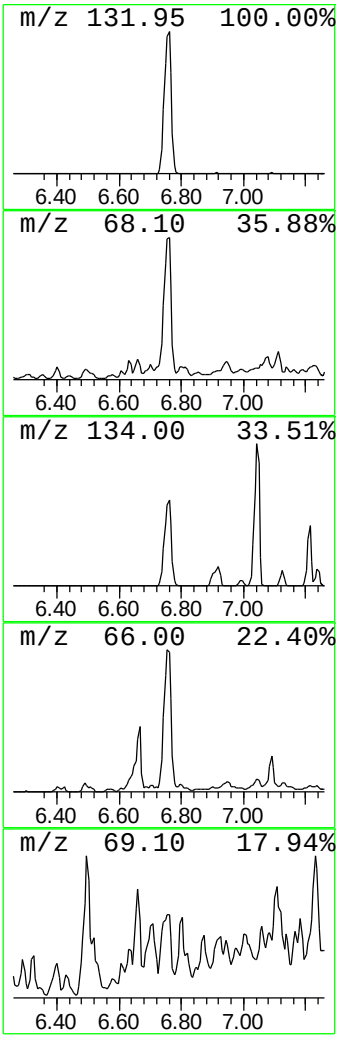
****

Peak Number 6 unknown6.76 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.76	50.64 ng	781204	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	27
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	25
3	Methylphosphonothioicchlorofluoride	132	CH3ClFPS	027127-27-1	17
4	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	17





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ClientSampleId : MW-11

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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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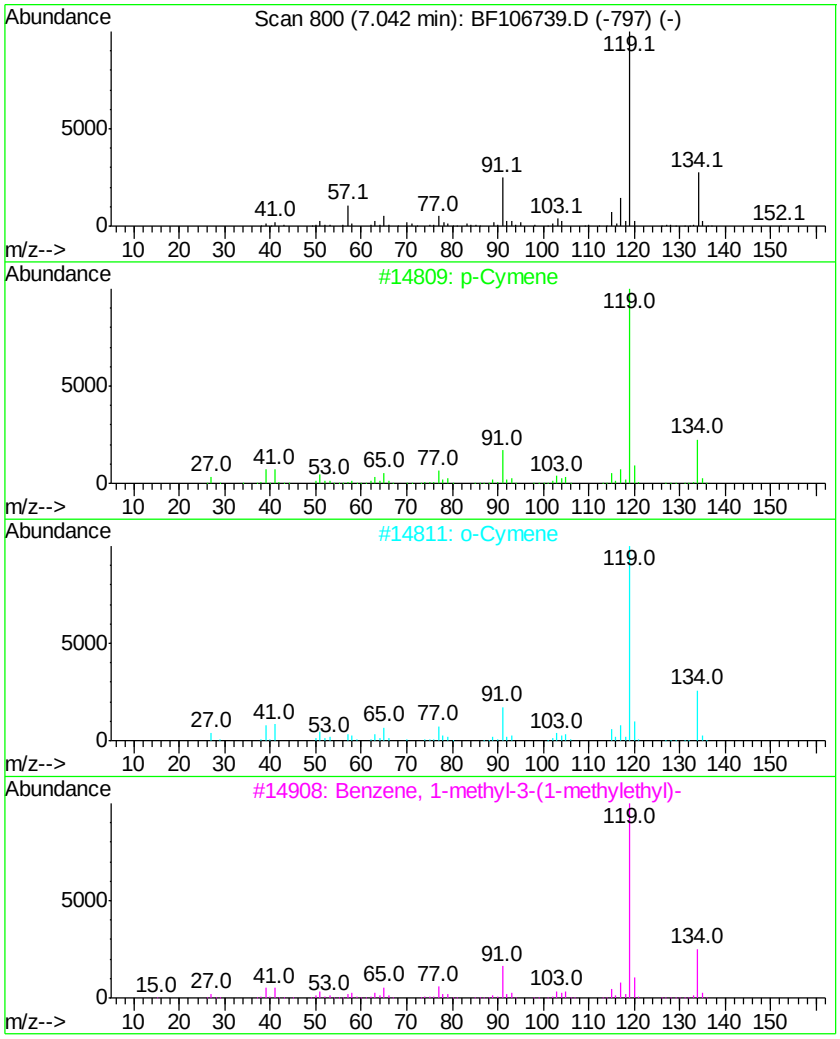
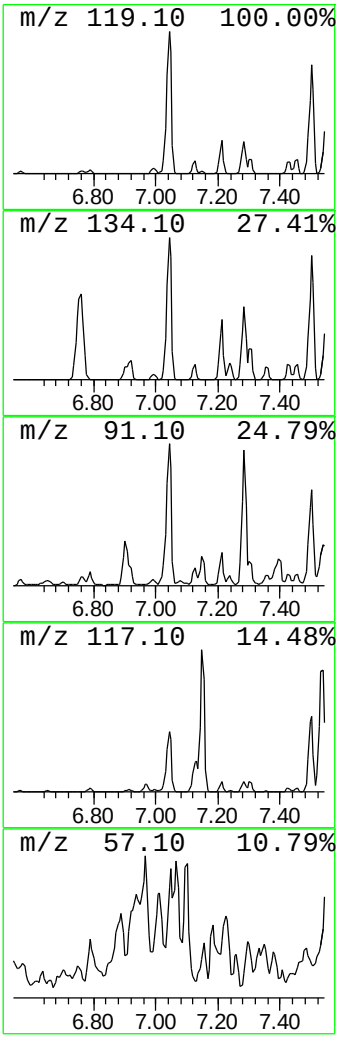
Peak Number 7 p-Cymene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.04	109.97 ng	1696350	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Cymene	134	C10H14	000099-87-6	90
2	o-Cymene	134	C10H14	000527-84-4	90
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	90
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	86
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	80





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ClientSampleId : MW-11

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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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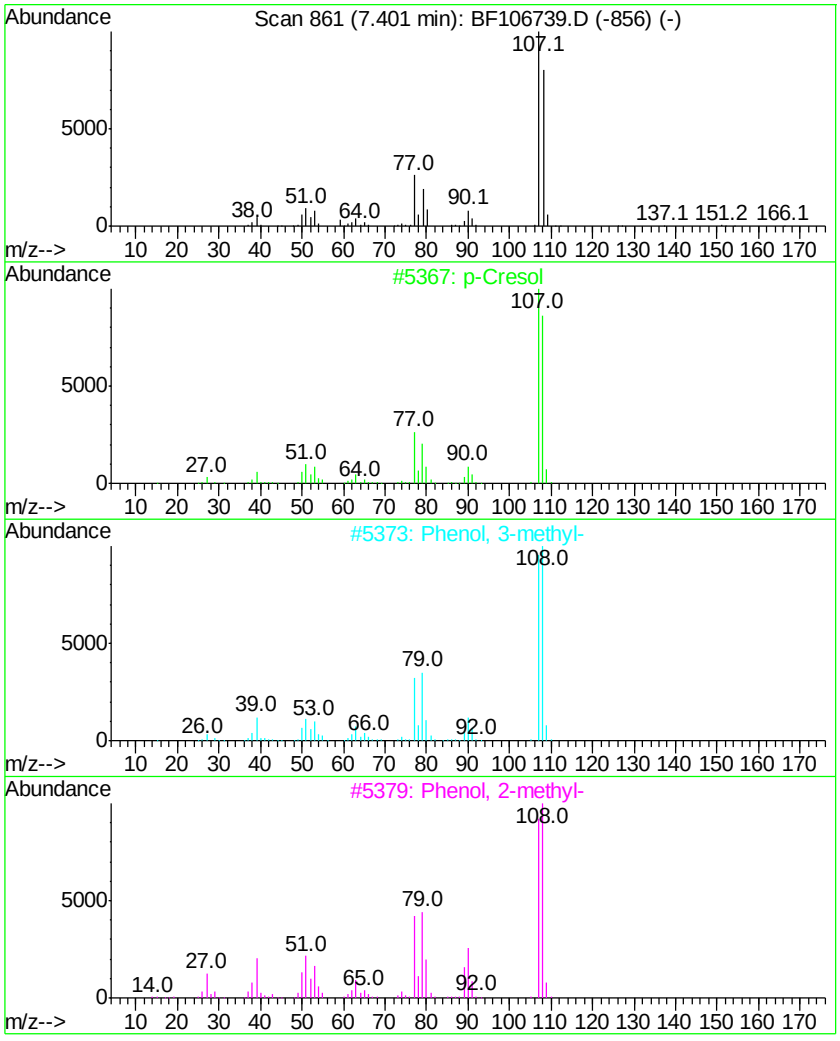
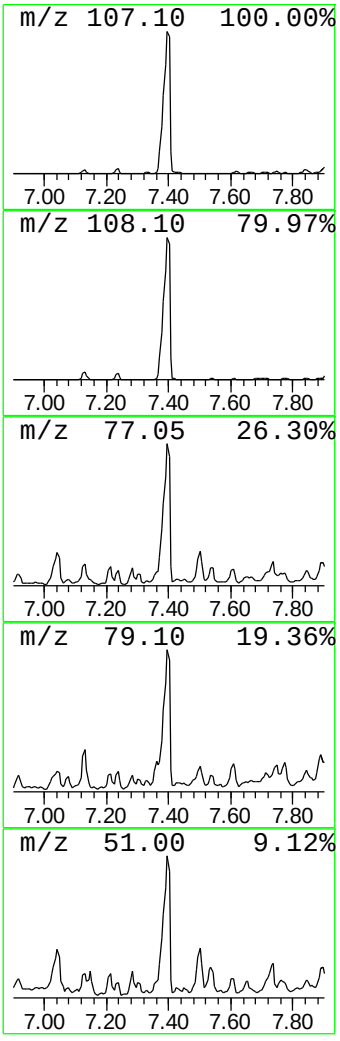
Peak Number 9 p-Cresol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.40	120.92 ng	1865150	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Cresol	108	C7H8O	000106-44-5	94
2	Phenol, 3-methyl-	108	C7H8O	000108-39-4	87
3	Phenol, 2-methyl-	108	C7H8O	000095-48-7	83
4	1,2-Ethanediol, 1,2-diphenyl-, (...	214	C14H14O2	000655-48-1	56
5	m-Cresyl acetate	150	C9H10O2	000122-46-3	53





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Sample : J3596-03
Misc :
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Instrument : BNA_F
ClientSampleId : MW-11

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

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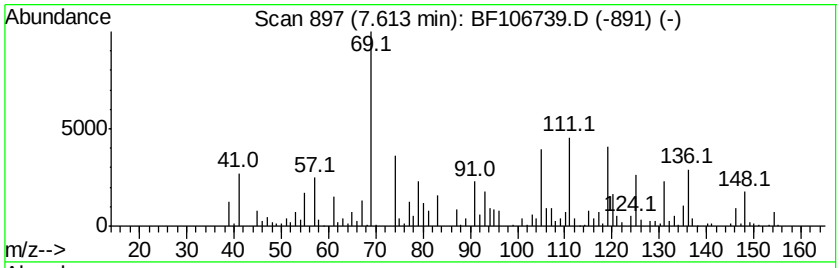
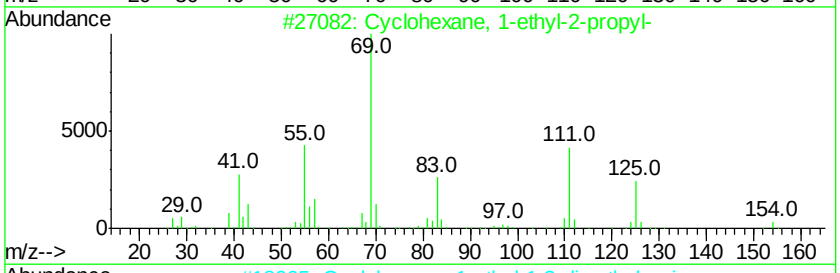
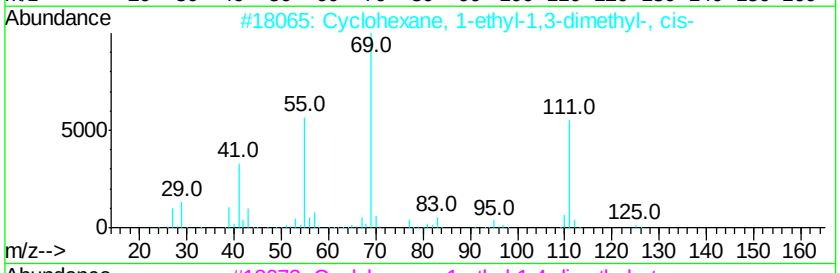
Peak Number 10 unknown7.61 Concentration Rank 14

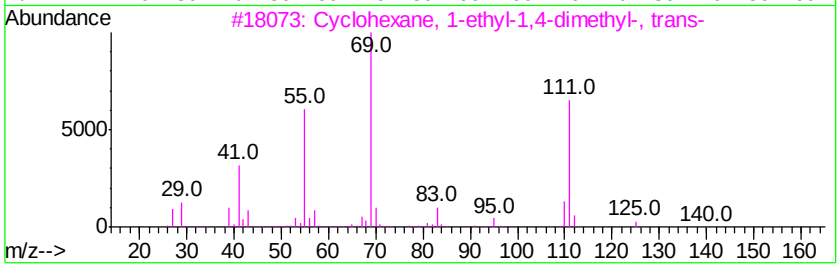
R.T.	EstConc	Area	Relative to ISTD	R.T.
7.61	65.84 ng	1015650	1,4-Dichlorobenzene-d4	6.97

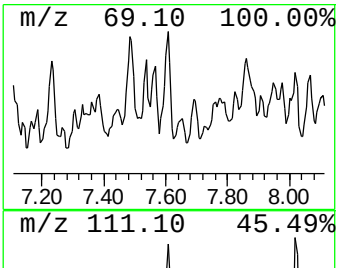
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-ethyl-2-propyl-	154	C11H22	062238-33-9	43
2	Cyclohexane, 1-ethyl-1,3-dimethy...	140	C10H20	062238-31-7	35
3	Cyclohexane, 1-ethyl-1,4-dimethy...	140	C10H20	062238-32-8	35
4	1,1,4-Trimethylcyclohexane	126	C9H18	007094-27-1	35
5	Bicyclo[2.2.2]octan-1-amine	125	C8H15N	001193-42-6	30

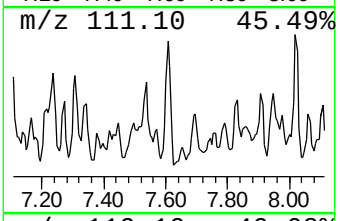


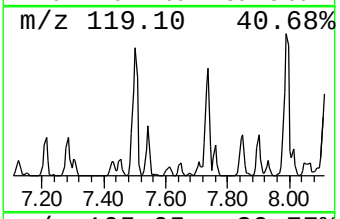


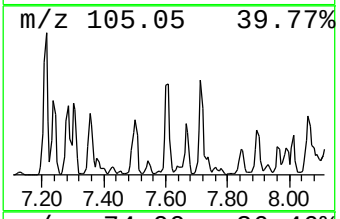


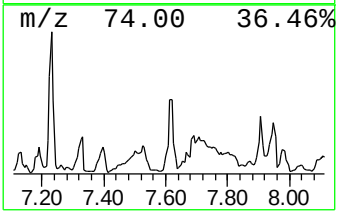












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Acq On : 23 Jun 2018 5:34
Operator : JU/SJ
Sample : J3596-03
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-11

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

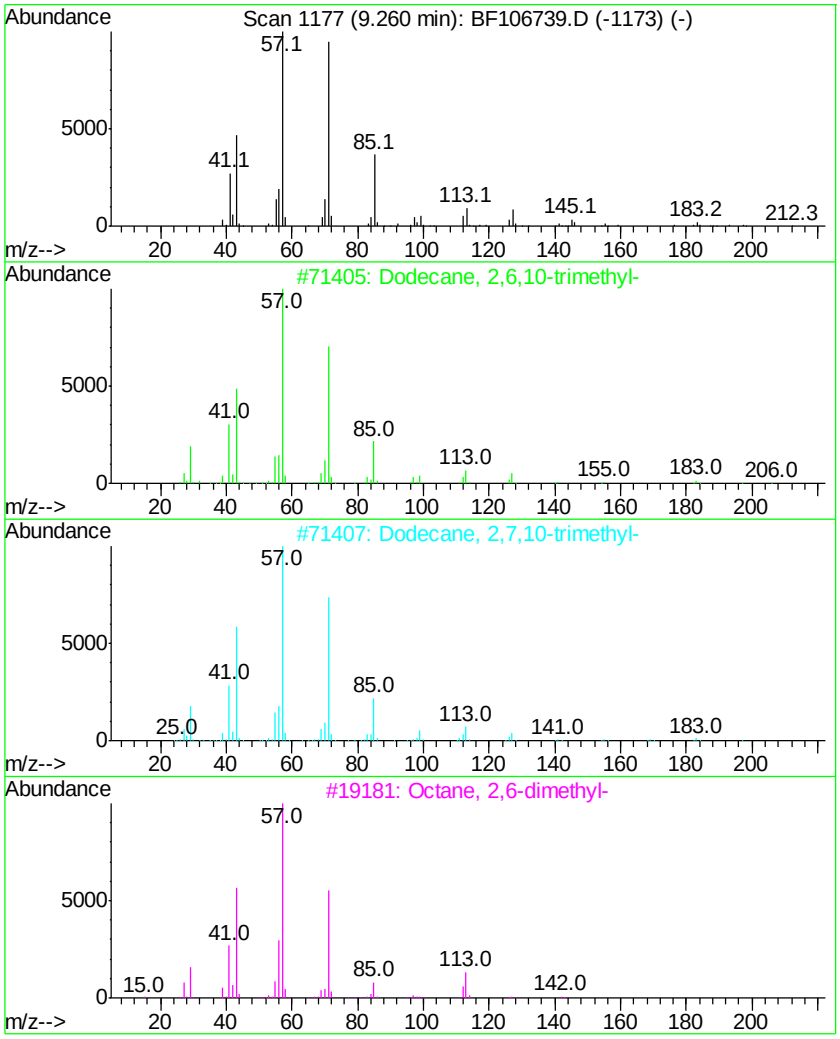
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

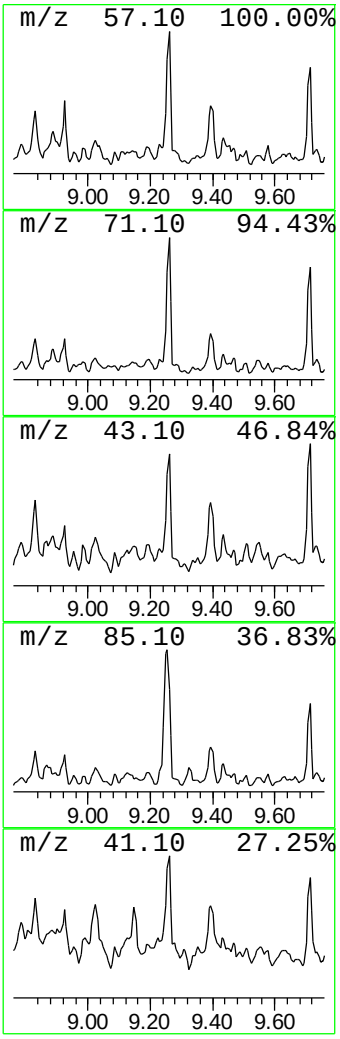
****

Peak Number 11 Dodecane, 2,6,10-trimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.26	65.99 ng	940303	Acenaphthene-d10	10.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	90
2	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	90
3	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	80
4	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	72
5	Nonane, 5-(2-methylpropyl)-	184	C13H28	062185-53-9	53





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Sample : J3596-03
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-11

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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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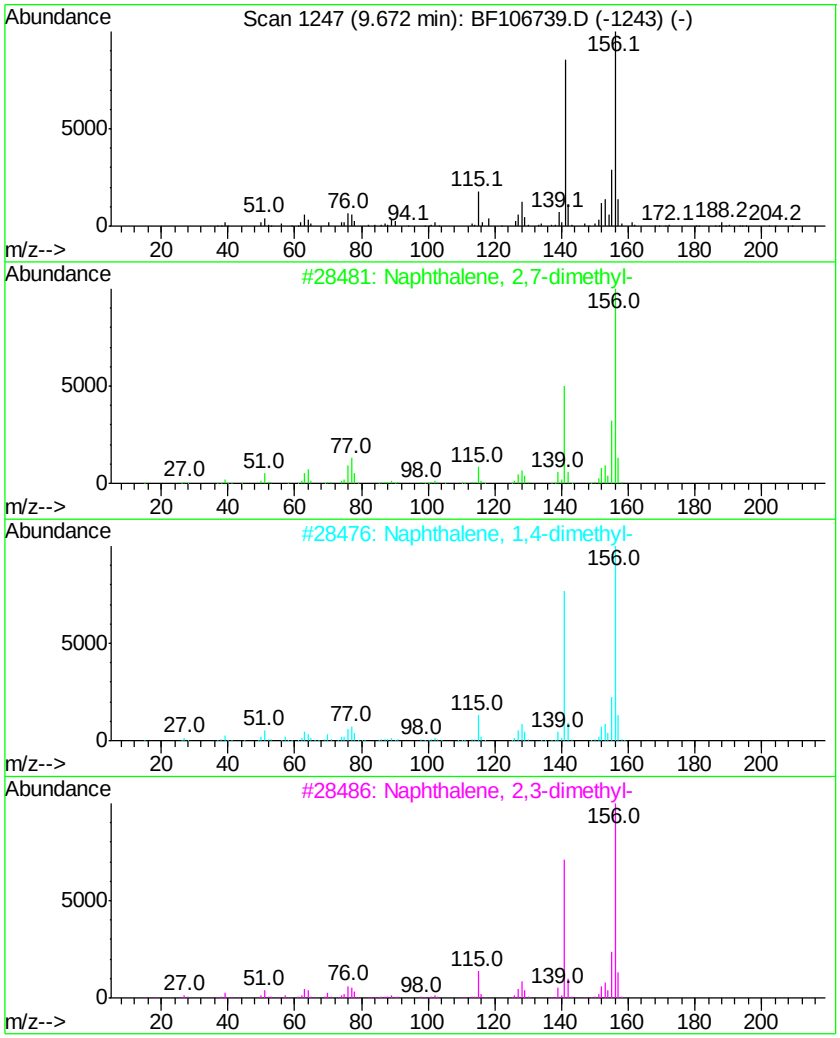
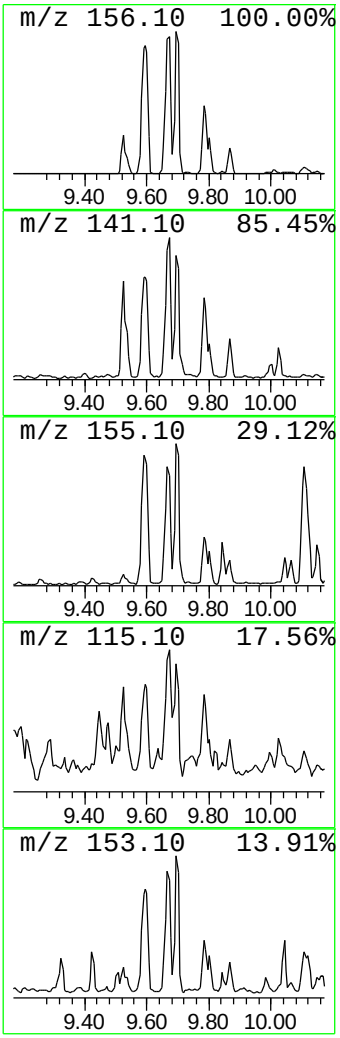
Peak Number 12 Naphthalene, 2,7-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.67	49.44 ng	704505	Acenaphthene-d10	10.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
2	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
5	Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	96





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Instrument : BNA_F
ClientSampleId : MW-11

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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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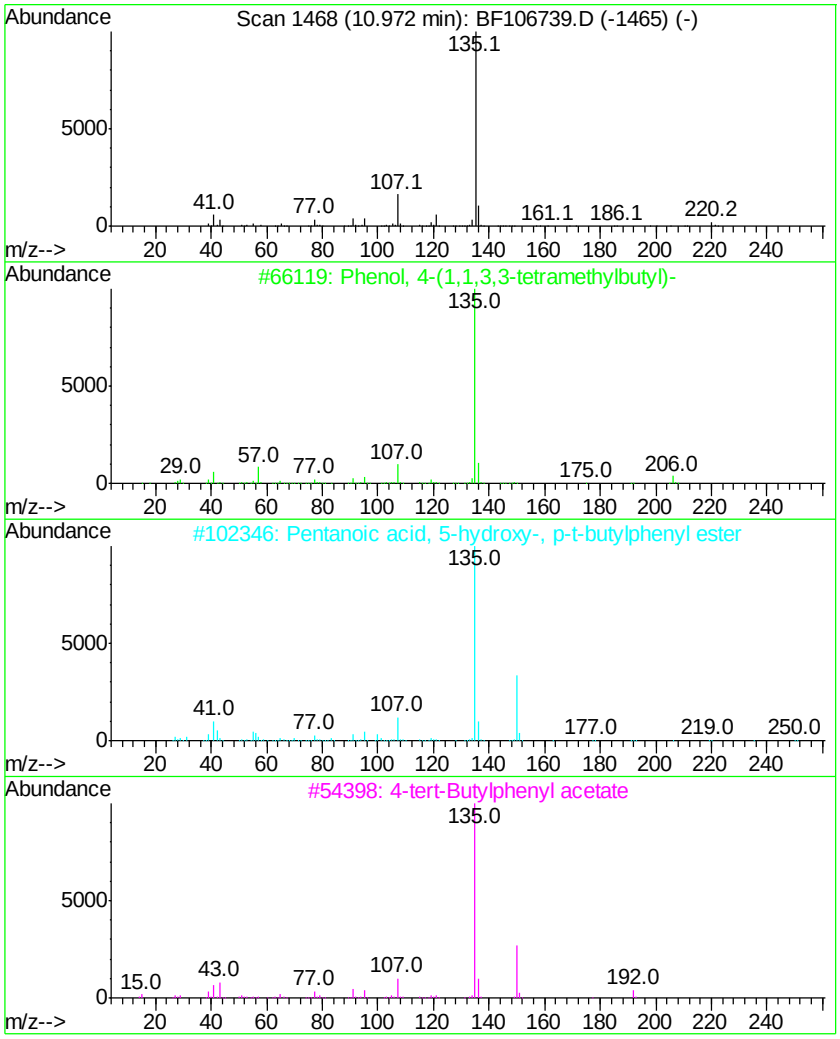
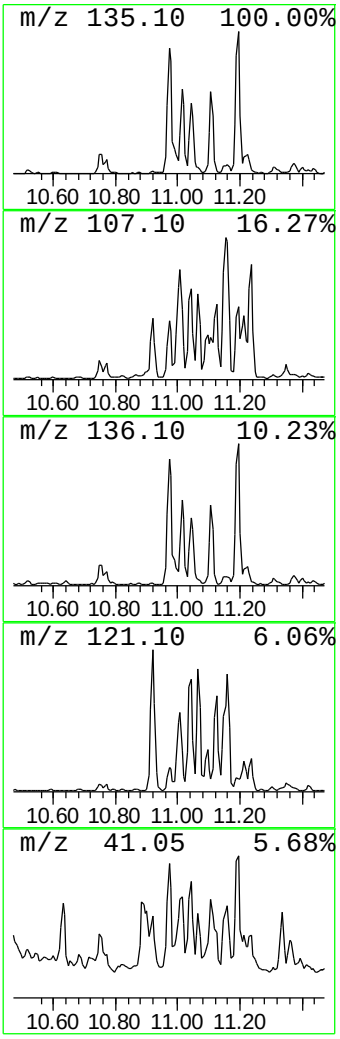
Peak Number 13 Phenol, 4-(1,1,3,3-tetramet... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.97	70.45 ng	1097320	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	78
2	Pentanoic acid, 5-hydroxy-, p-t-...	250	C15H22O3	166273-37-6	72
3	4-tert-Butylphenyl acetate	192	C12H16O2	003056-64-2	64
4	1-Adamantanecarboxylic acid, 2-a...	314	C21H30O2	1000282-94-3	64
5	4-(1,1-Dimethylpropyl)phenyl ace...	206	C13H18O2	1000373-45-3	64





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

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Peak Number 14 unknown11.01 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.01	86.16 ng	1342030	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-methyl-4-(1,1,3,3-tetr...	220	C15H24O	002219-84-3	38
2	Pyridine-3-carbonitrile, 1,2-dih...	191	C9H9N3O2	220098-92-0	35
3	4-Isopropoxy-4-phenylbutyronitrile	203	C13H17NO	1000370-35-3	32
4	Phenol, 2-(1,1-dimethylethyl)-5-...	164	C11H16O	000088-60-8	27
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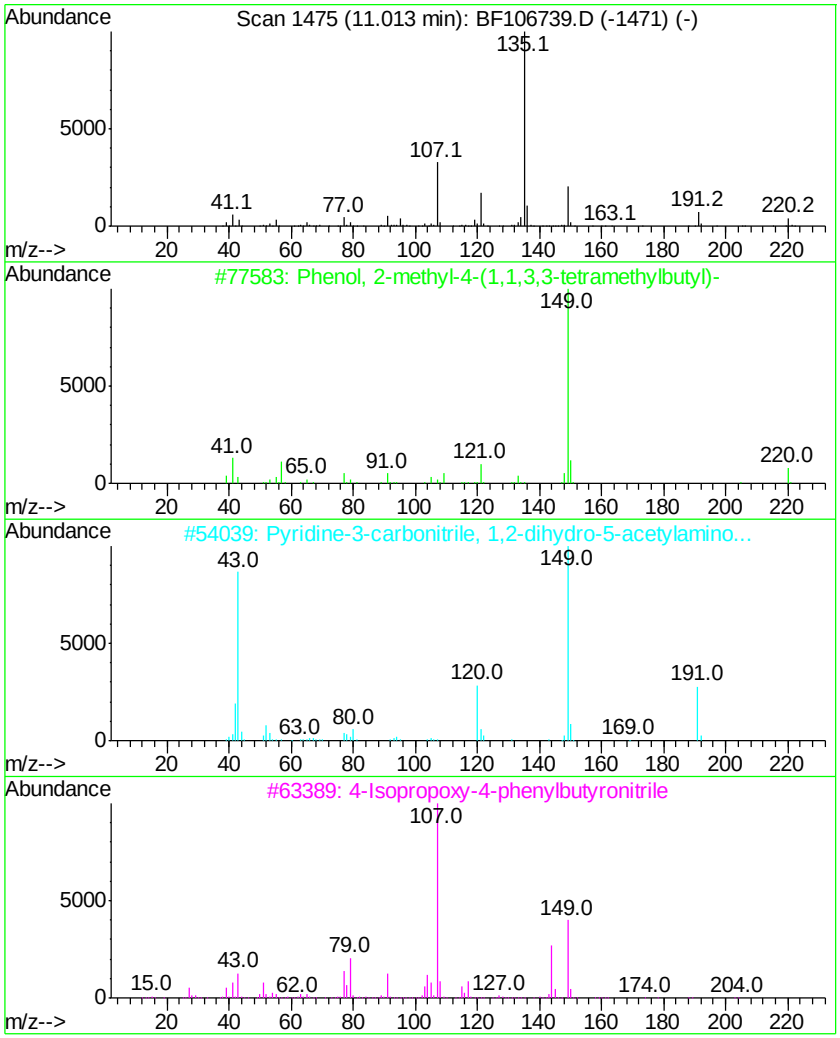

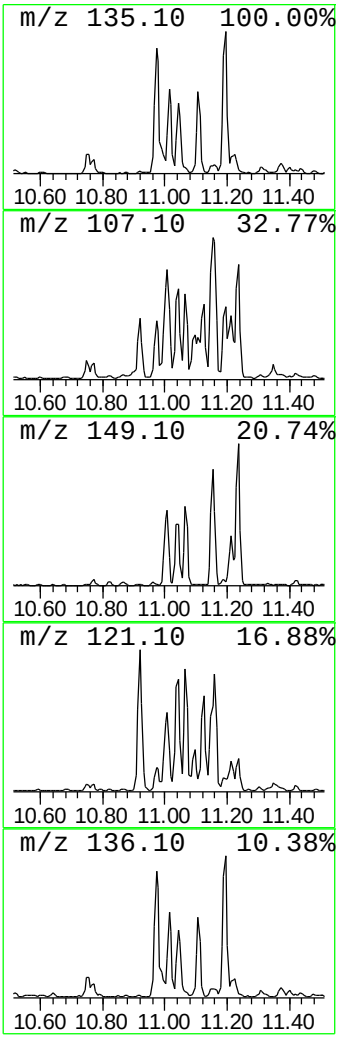

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TIC Integration Parameters: LSCINT.P

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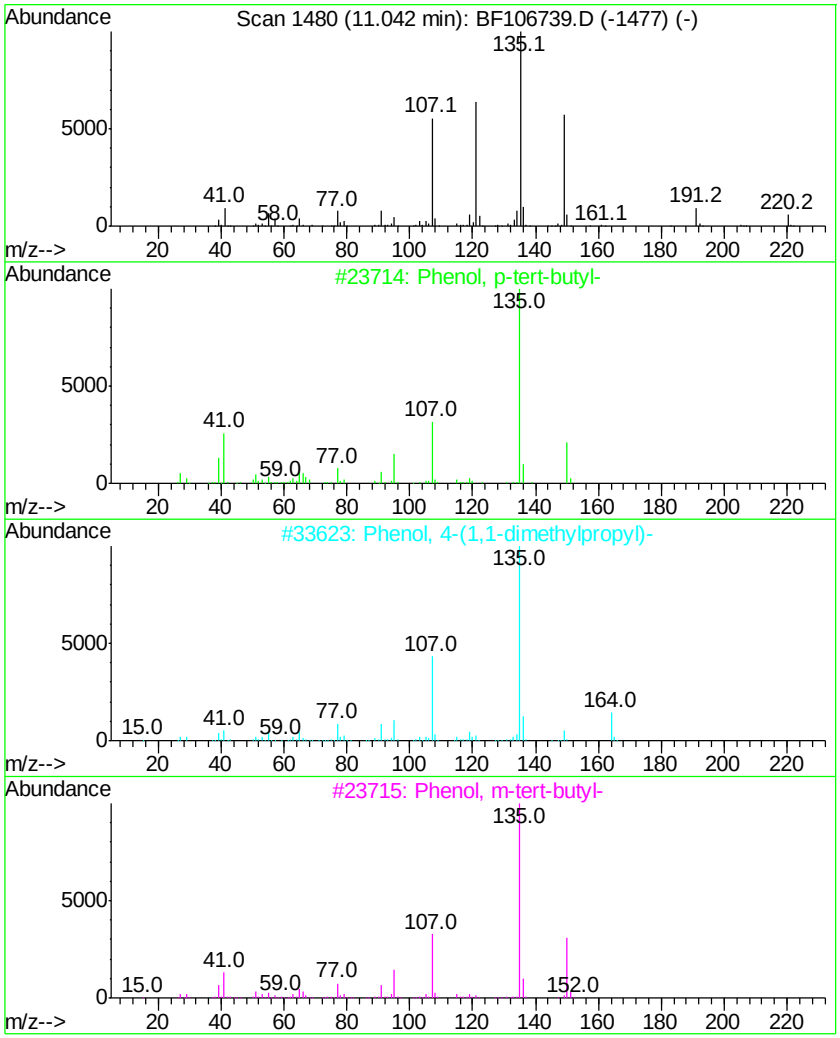
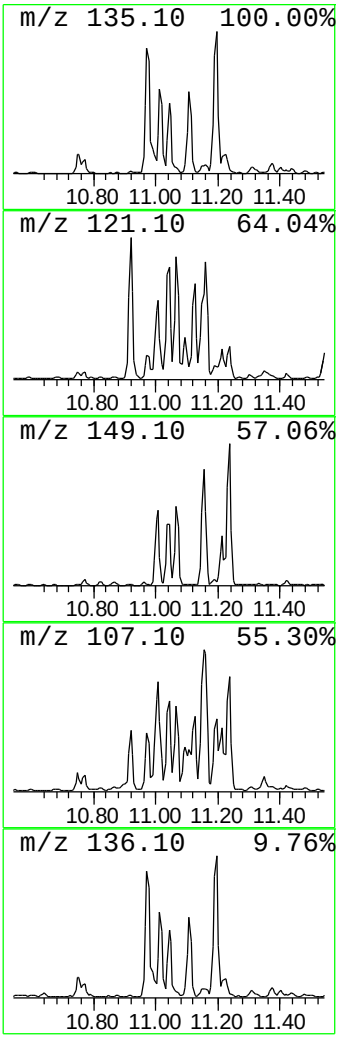
Peak Number 15 Phenol, p-tert-butyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.04	71.45 ng	1112970	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	52
2	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	50
3	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	50
4	Hexestrol	270	C18H22O2	000084-16-2	47
5	4,6-Bis(4-ethoxybenzylthio)-5-ni...	457	C22H23N3O4S2	325957-76-4	47





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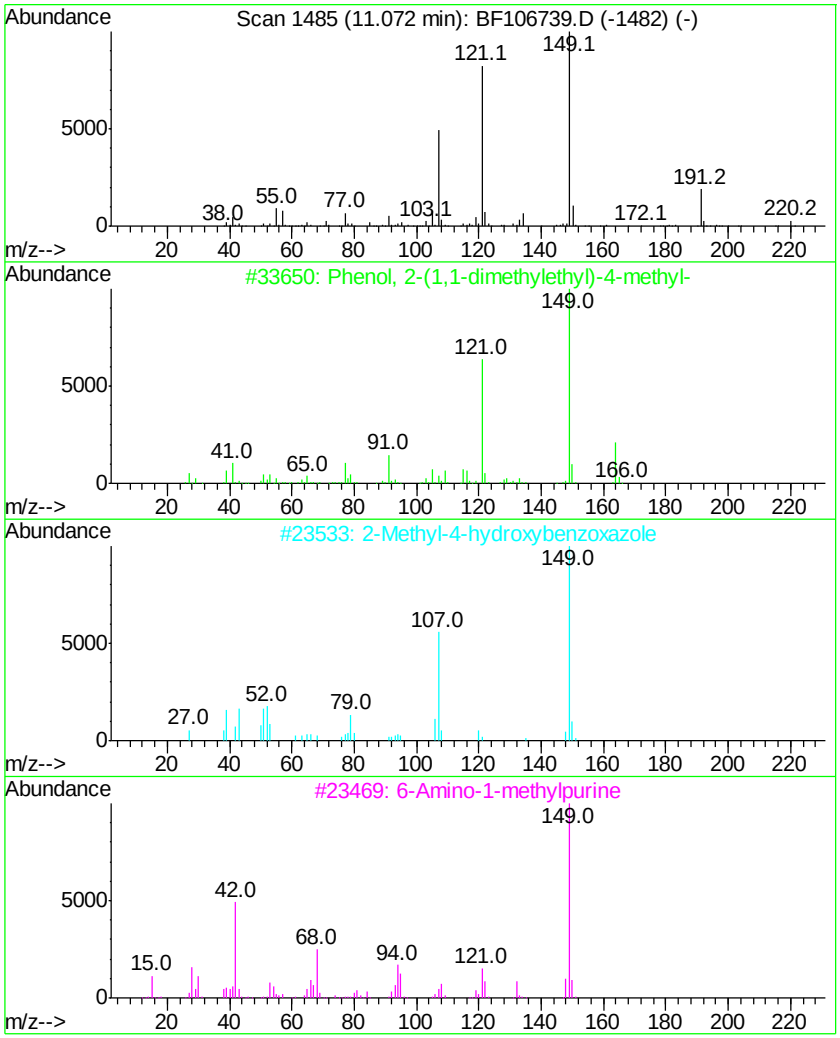
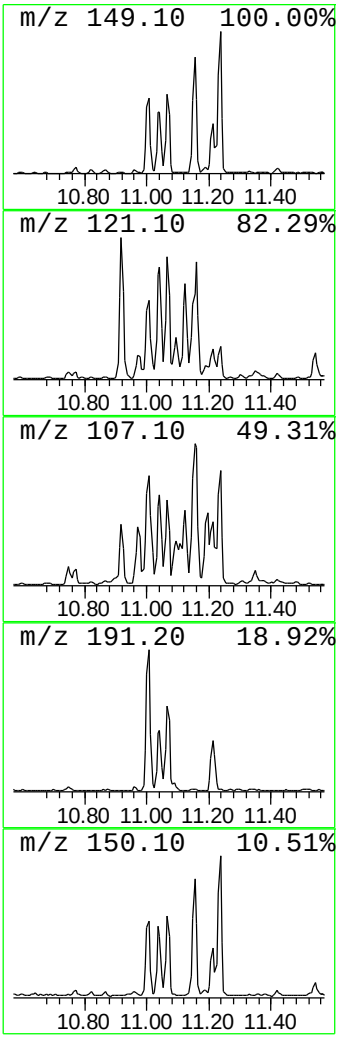
Peak Number 16 Phenol, 2-(1,1-dimethylethy... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.07	48.32 ng	752614	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-(1,1-dimethylethyl)-4-...	164	C11H16O	002409-55-4	59
2	2-Methyl-4-hydroxybenzoxazole	149	C8H7NO2	051110-60-2	43
3	6-Amino-1-methylpurine	149	C6H7N5	005142-22-3	35
4	Isoxazole, 4,5-dihydro-5-[(4-met...	191	C11H13NO2	1000362-14-0	30
5	Benzene, 1-methoxy-4-propyl-	150	C10H14O	000104-45-0	27





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062218\
Data File : BF106739.D
Acq On : 23 Jun 2018 5:34
Operator : JU/SJ
Sample : J3596-03
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-11

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.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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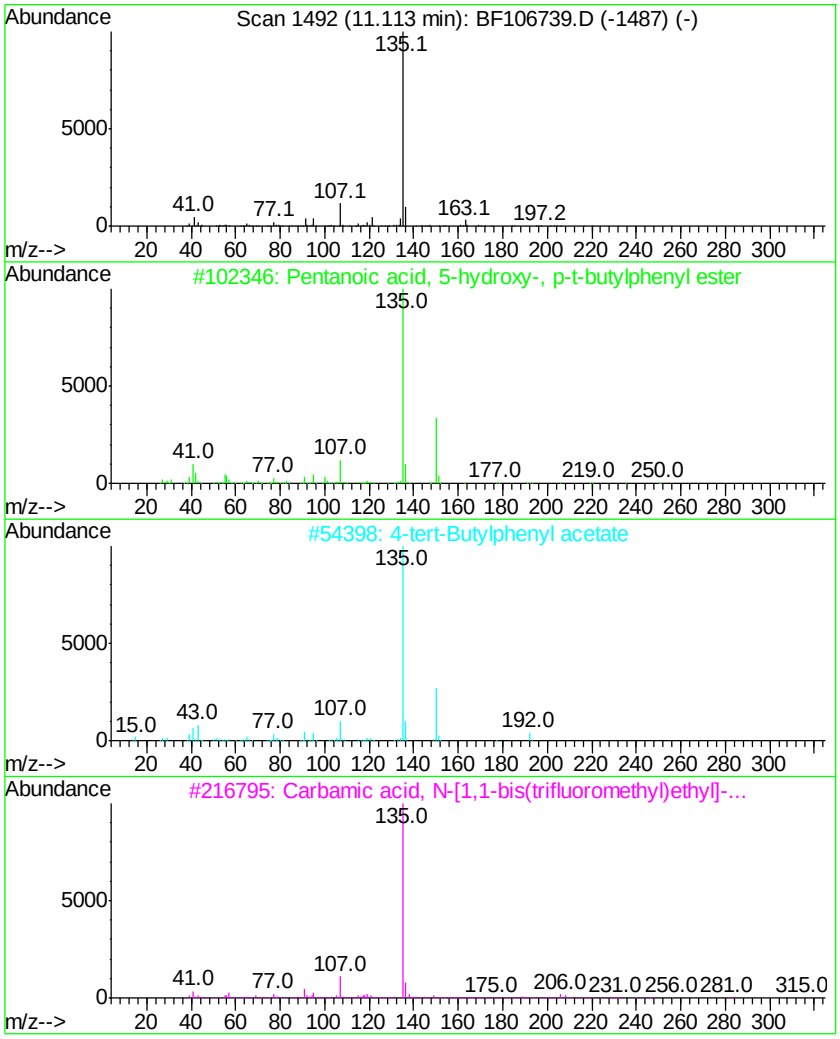
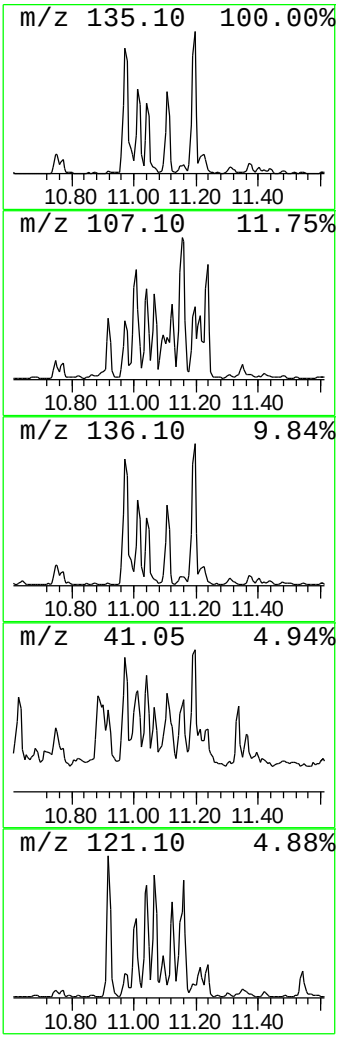
Peak Number 17 Pentanoic acid, 5-hydroxy-,... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.11	64.22 ng	1000250	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentanoic acid, 5-hydroxy-, p-t-...	250	C15H22O3	166273-37-6	64
2	4-tert-Butylphenyl acetate	192	C12H16O2	003056-64-2	43
3	Carbamic acid, N-[1,1-bis(triflu...	413	C19H25F6NO2	296242-69-8	40
4	1-Adamantan-1-yl-6-chloro-7-fluo...	375	C20H19ClFNO3	1000210-85-1	40
5	4,4'-Dimethoxybenzil	270	C16H14O4	001226-42-2	39





Library Search Compound Report

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Data File : BF106739.D
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Operator : JU/SJ
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Misc :
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Instrument : BNA_F
ClientSampleId : MW-11

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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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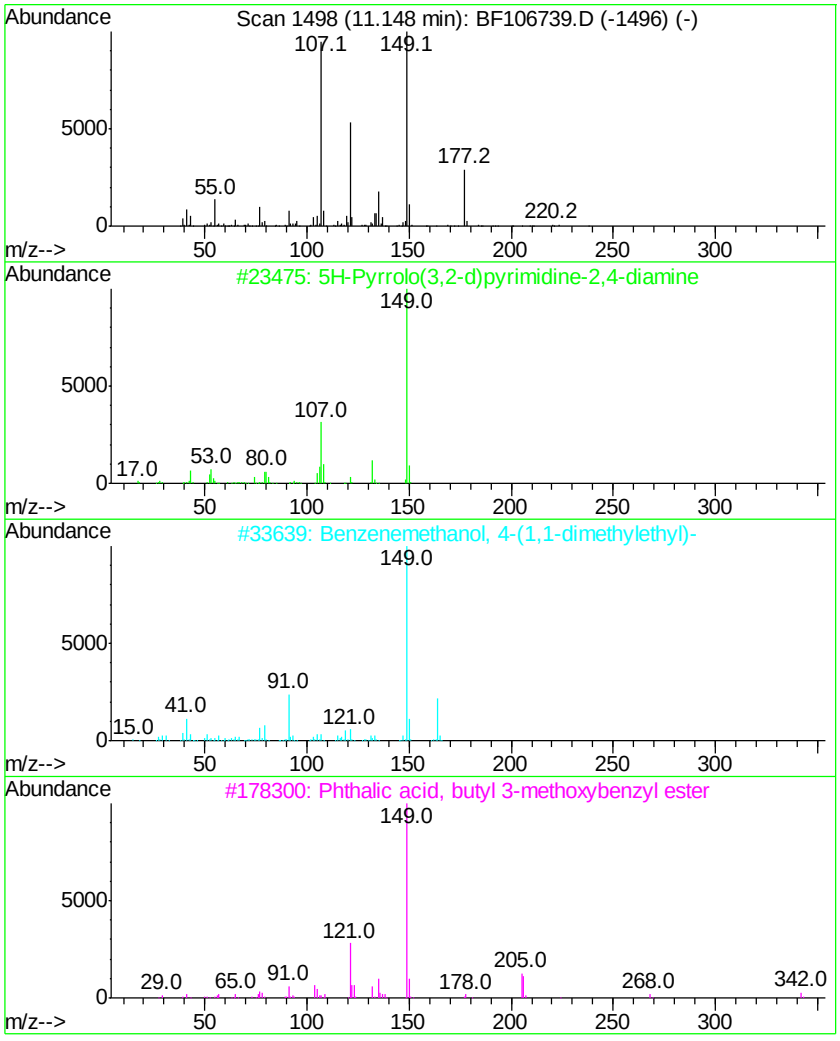
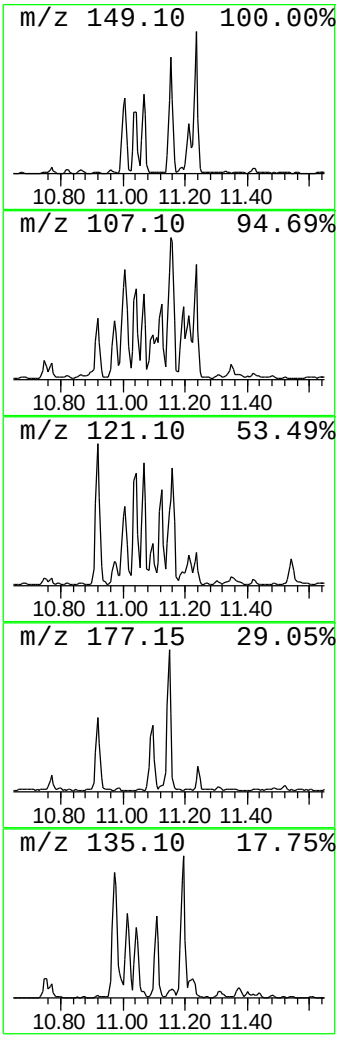
Peak Number 18 5H-Pyrrolo(3,2-d)pyrimidine... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.15	93.74 ng	1460080	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Pyrrolo(3,2-d)pyrimidine-2,4-...	149	C6H7N5	1000244-21-4	50
2	Benzenemethanol, 4-(1,1-dimethyl...	164	C11H16O	000877-65-6	43
3	Phthalic acid, butyl 3-methoxybe...	342	C20H22O5	1000377-97-7	38
4	2H-Indol-2-one, 1,3-dihydro-5-hy...	149	C8H7NO2	003416-18-0	35
5	4-(p-Acetoxyphenyl)-2-butanone	206	C12H14O3	003572-06-3	35





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Data File : BF106739.D
Acq On : 23 Jun 2018 5:34
Operator : JU/SJ
Sample : J3596-03
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-11

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.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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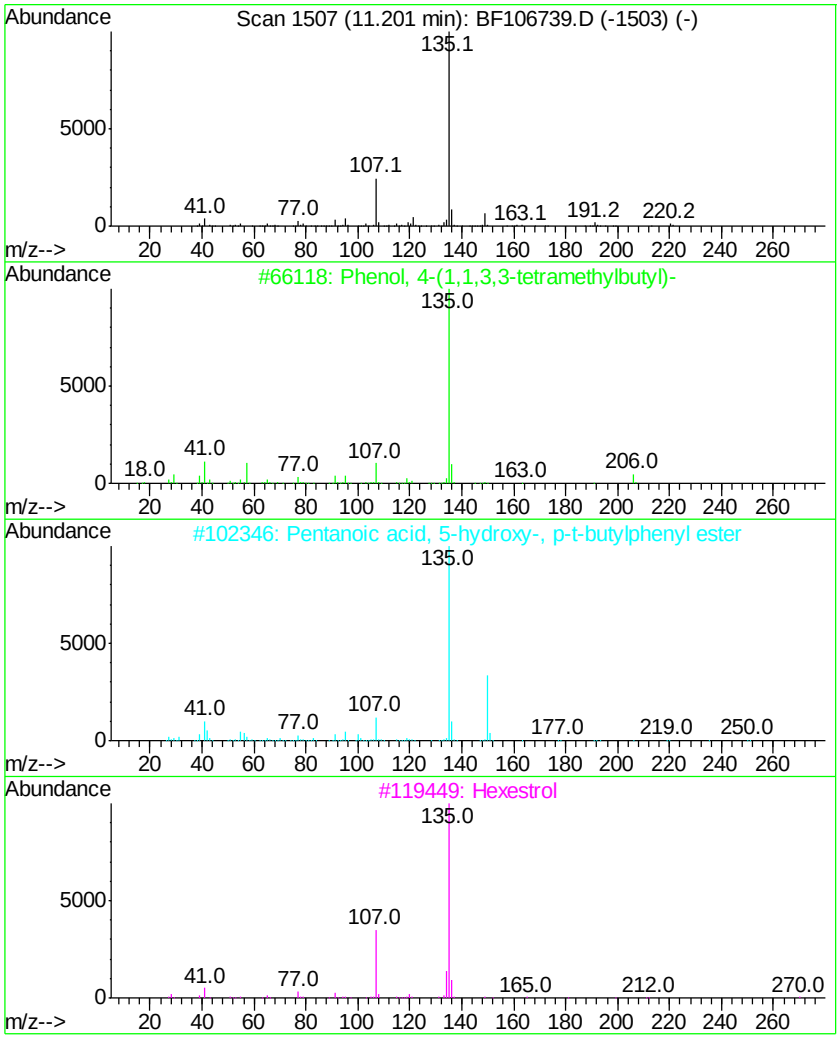
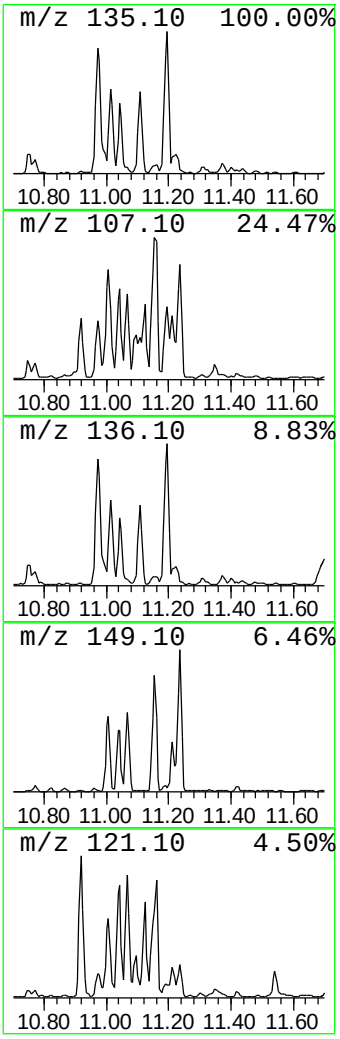
Peak Number 19 Phenol, 4-(1,1,3,3-tetramet... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.20	78.21 ng	1218160	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	78
2	Pentanoic acid, 5-hydroxy-, p-t-...	250	C15H22O3	166273-37-6	64
3	Hexestrol	270	C18H22O2	000084-16-2	64
4	3-(1-Adamantyl)sydnone	220	C12H16N2O2	1000140-20-2	64
5	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	56





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Acq On : 23 Jun 2018 5:34
Operator : JU/SJ
Sample : J3596-03
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-11

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.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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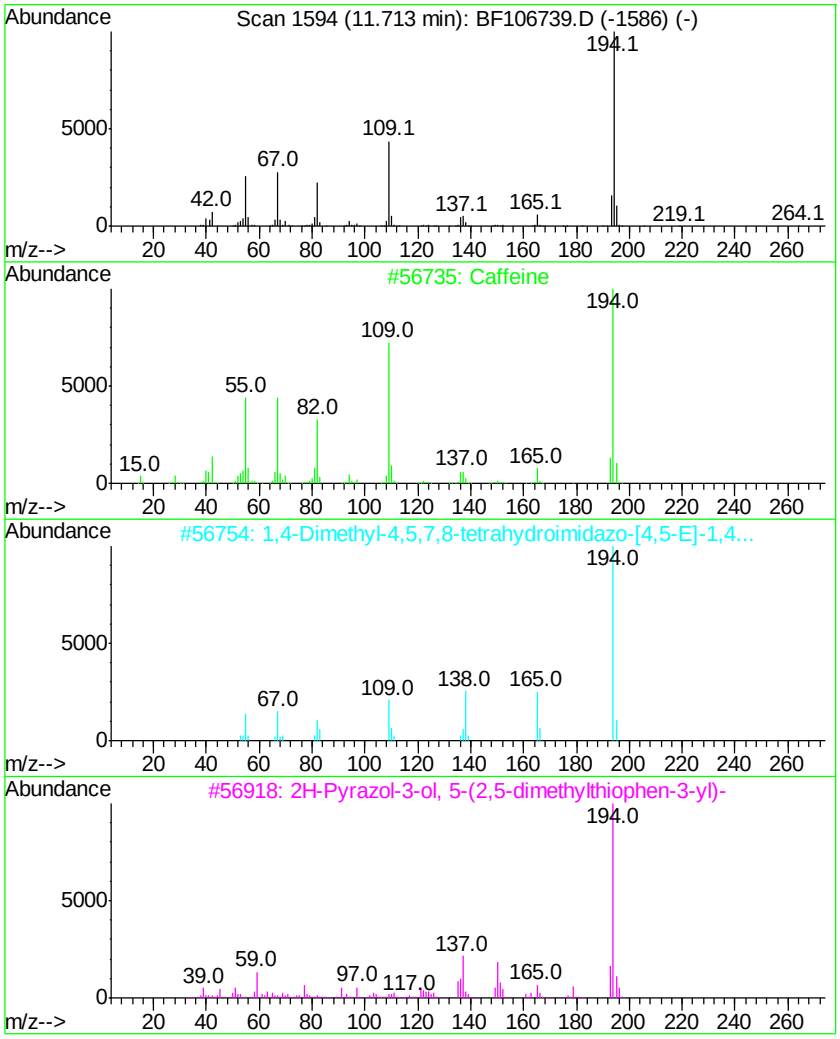
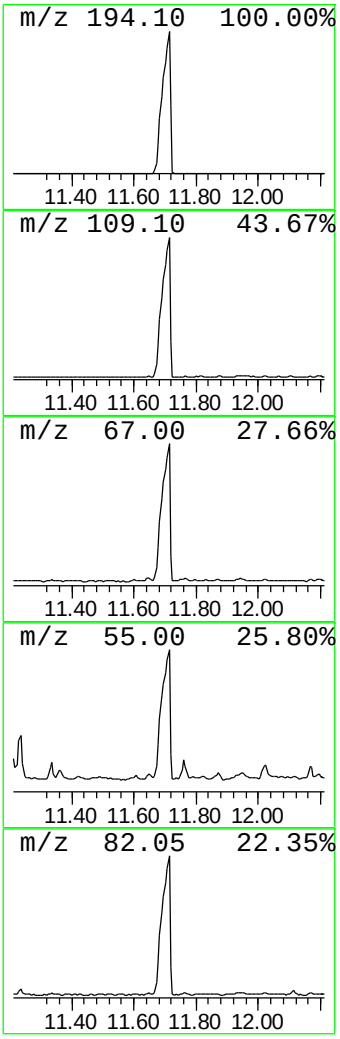
Peak Number 20 Caffeine Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.71	154.98 ng	2414030	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Caffeine	194	C8H10N4O2	000058-08-2	97
2	1,4-Dimethyl-4,5,7,8-tetrahydroi...	194	C8H10N4O2	130063-15-9	52
3	2H-Pyrazol-3-ol, 5-(2,5-dimethyl...	194	C9H10N2OS	1000304-22-5	37
4	3(2H)-Benzofuranone, 4,6-dimethoxy-	194	C10H10O4	004225-35-8	33
5	2H-Cyclopenta[d]pyridazine, 2-ph...	194	C13H10N2	022291-84-5	32





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062218\
Data File : BF106739.D
Acq On : 23 Jun 2018 5:34
Operator : JU/SJ
Sample : J3596-03
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-11

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.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
unknown5.81	5.81	56.4	ng	870229	1	6.97	308507	20.0
Dimethyl Sulfoxide	5.92	91.1	ng	1405240	1	6.97	308507	20.0
Benzene, (1-methy...	6.13	70.3	ng	1084370	1	6.97	308507	20.0
Cyclohexane, propyl-	6.21	83.5	ng	1287610	1	6.97	308507	20.0
Cyclohexane, 1,1,...	6.50	61.0	ng	941457	1	6.97	308507	20.0
unknown6.76	6.76	50.6	ng	781204	1	6.97	308507	20.0
p-Cymene	7.04	110.0	ng	1696350	1	6.97	308507	20.0
p-Cresol	7.40	120.9	ng	1865150	1	6.97	308507	20.0
unknown7.61	7.61	65.8	ng	1015650	1	6.97	308507	20.0
Dodecane, 2,6,10-...	9.26	66.0	ng	940303	3	10.01	284979	20.0
Naphthalene, 2,7-...	9.67	49.4	ng	704505	3	10.01	284979	20.0
Phenol, 4-(1,1,3,...	10.97	70.5	ng	1097320	4	11.49	311526	20.0
unknown11.01	11.01	86.2	ng	1342030	4	11.49	311526	20.0
Phenol, p-tert-bu...	11.04	71.5	ng	1112970	4	11.49	311526	20.0
Phenol, 2-(1,1-di...	11.07	48.3	ng	752614	4	11.49	311526	20.0
Pentanoic acid, 5...	11.11	64.2	ng	1000250	4	11.49	311526	20.0
5H-Pyrrolo(3,2-d)...	11.15	93.7	ng	1460080	4	11.49	311526	20.0
Phenol, 4-(1,1,3,...	11.20	78.2	ng	1218160	4	11.49	311526	20.0
Caffeine	11.71	155.0	ng	2414030	4	11.49	311526	20.0