LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF121417\
Data File : BF101419.D
Acq On : 15 Dec 2017 2:57
Operator : SJ/JU
Sample : I6824-04
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TW-3

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-BF121417.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	5.028	497	500	515	rBV	247523	362377	7.27%	0.614%
2	5.398	560	563	565	rBV	53549	54507	1.09%	0.092%
3	5.434	565	569	591	rVB	2025250	2368260	47.53%	4.010%
4	5.657	603	607	615	rVB	56663	63847	1.28%	0.108%
5	6.445	738	741	758	rBV	1317309	1734804	34.82%	2.938%
6	6.587	760	765	768	rVV	3578645	3584815	71.95%	6.070%
7	6.634	770	773	776	rVV	102605	101863	2.04%	0.172%
8	6.663	776	778	782	rVB	112470	98421	1.98%	0.167%
9	6.810	800	803	810	rBV	1136364	1081851	21.71%	1.832%
10	6.869	810	813	819	rVB3	36257	50415	1.01%	0.085%
11	6.969	826	830	833	rBV	3550128	3615328	72.56%	6.122%
12	7.069	844	847	855	rBV	866945	888727	17.84%	1.505%
13	7.228	871	874	885	rBV	613321	918266	18.43%	1.555%
14	7.387	896	901	904	rBV	2915191	3206509	64.36%	5.430%
15	7.457	909	913	916	rVV	78240	79519	1.60%	0.135%
16	7.510	916	922	926	rVV2	217928	341691	6.86%	0.579%
17	7.545	926	928	931	rVB2	63369	55862	1.12%	0.095%
18	7.669	946	949	955	rVB	57327	55594	1.12%	0.094%
19	7.751	960	963	973	rBV	956288	1256453	25.22%	2.128%
20	7.845	973	979	981	rVV4	81145	156015	3.13%	0.264%
21	7.887	981	986	994	rVV	801759	1111733	22.31%	1.883%
22	7.951	994	997	1003	rVB	151952	159956	3.21%	0.271%
23	8.057	1012	1015	1018	rBV	187399	218607	4.39%	0.370%
24	8.098	1018	1022	1023	rVV	1459723	1671664	33.55%	2.831%
25	8.122	1023	1026	1029	rVV	4502944	4453692	89.39%	7.542%
26	8.169	1029	1034	1041	rVB2	671198	724318	14.54%	1.227%
27	8.257	1046	1049	1054	rBV2	91843	120774	2.42%	0.205%
28	8.334	1058	1062	1064	rBV	129246	148488	2.98%	0.251%
29	8.363	1066	1067	1074	rVB	93299	90049	1.81%	0.152%
30	8.451	1074	1082	1092	rVB2	330758	475175	9.54%	0.805%
31	8.534	1092	1096	1098	rBV	136997	143358	2.88%	0.243%
32	8.557	1098	1100	1109	rVB	162384	214318	4.30%	0.363%
33	8.651	1113	1116	1121	rBV	179162	199647	4.01%	0.338%
34	8.698	1121	1124	1129	rVB3	48964	72801	1.46%	0.123%

LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF121417\
Data File : BF101419.D
Acq On : 15 Dec 2017 2:57
Operator : SJ/JU
Sample : I6824-04
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TW-3

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-BF121417.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.745	1129	1132	1133	rBV2	71028	68036	1.37%	0.115%
36	8.763	1133	1135	1139	rVB2	65215	57163	1.15%	0.097%
37	8.810	1139	1143	1146	rBV	908157	807738	16.21%	1.368%
38	8.869	1149	1153	1156	rVV2	300802	351051	7.05%	0.594%
39	8.910	1156	1160	1165	rVB	699402	709576	14.24%	1.202%
40	8.992	1169	1174	1180	rBV	150323	181409	3.64%	0.307%
41	9.075	1185	1188	1192	rVB4	48476	50068	1.00%	0.085%
42	9.175	1199	1205	1208	rBV	4604203	4982329	100.00%	8.437%
43	9.275	1216	1222	1227	rVB3	190951	270458	5.43%	0.458%
44	9.369	1235	1238	1242	rVB2	49745	59294	1.19%	0.100%
45	9.434	1245	1249	1255	rVV3	107528	221772	4.45%	0.376%
46	9.510	1259	1262	1265	rVV	201992	247415	4.97%	0.419%
47	9.533	1265	1266	1269	rVV2	85436	78070	1.57%	0.132%
48	9.569	1269	1272	1274	rVB	90923	80191	1.61%	0.136%
49	9.598	1274	1277	1279	rBV	87198	88828	1.78%	0.150%
50	9.622	1279	1281	1287	rVB2	114058	148227	2.98%	0.251%
51	9.710	1293	1296	1300	rVB2	188949	189955	3.81%	0.322%
52	9.786	1305	1309	1312	rBV4	35958	63034	1.27%	0.107%
53	9.851	1312	1320	1323	rBV2	1683200	1608627	32.29%	2.724%
54	9.881	1323	1325	1331	rVB	842431	784773	15.75%	1.329%
55	9.933	1331	1334	1337	rBV	158447	163150	3.27%	0.276%
56	10.010	1342	1347	1352	rVV2	292958	372064	7.47%	0.630%
57	10.057	1352	1355	1358	rVV	569450	520519	10.45%	0.881%
58	10.086	1358	1360	1366	rVB2	117752	139322	2.80%	0.236%
59	10.169	1370	1374	1378	rBV4	29927	49977	1.00%	0.085%
60	10.245	1384	1387	1394	rVB4	147882	191064	3.83%	0.324%
61	10.398	1410	1413	1419	rVB	573925	568058	11.40%	0.962%
62	10.463	1419	1424	1425	rBV3	46540	64324	1.29%	0.109%
63	10.486	1425	1428	1431	rVV3	121883	145545	2.92%	0.246%
64	10.539	1434	1437	1438	rVV	117512	138071	2.77%	0.234%
65	10.563	1438	1441	1447	rVB	623313	646443	12.97%	1.095%
66	10.651	1451	1456	1460	rVV	2303048	2640027	52.99%	4.470%
67	10.680	1460	1461	1464	rVB2	83404	63746	1.28%	0.108%
68	10.780	1473	1478	1484	rVB3	98251	171403	3.44%	0.290%
69	10.898	1493	1498	1501	rBV3	140603	200370	4.02%	0.339%
70	10.933	1501	1504	1510	rVV3	247217	344845	6.92%	0.584%
71	10.986	1510	1513	1517	rVB2	32297	51077	1.03%	0.086%

LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF121417\
Data File : BF101419.D
Acq On : 15 Dec 2017 2:57
Operator : SJ/JU
Sample : I6824-04
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TW-3

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-BF121417.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	11.092	1528	1531	1538	rVB	90718	113101	2.27%	0.192%
73	11.239	1552	1556	1558	rBV	107876	93246	1.87%	0.158%
74	11.269	1558	1561	1563	rBV	56561	54780	1.10%	0.093%
75	11.345	1569	1574	1576	rBV	1604427	1584581	31.80%	2.683%
76	11.369	1576	1578	1581	rVV	754750	621417	12.47%	1.052%
77	11.422	1582	1587	1590	rVV2	178599	241082	4.84%	0.408%
78	11.457	1590	1593	1596	rVB2	166375	178001	3.57%	0.301%
79	11.580	1608	1614	1618	rBV	1049063	1076767	21.61%	1.823%
80	11.651	1623	1626	1630	rVB3	78087	89876	1.80%	0.152%
81	11.875	1661	1664	1667	rVB	127439	106926	2.15%	0.181%
82	11.904	1667	1669	1672	rBV2	59129	53173	1.07%	0.090%
83	11.957	1676	1678	1687	rVB3	78330	113373	2.28%	0.192%
84	12.027	1687	1690	1693	rBV2	88769	102809	2.06%	0.174%
85	12.563	1778	1781	1785	rBV	103957	108988	2.19%	0.185%
86	12.727	1806	1809	1813	rVB	300474	241327	4.84%	0.409%
87	12.792	1817	1820	1826	rVB	79831	94628	1.90%	0.160%
88	12.933	1838	1844	1847	rBV	3993474	4411093	88.53%	7.469%
89	13.110	1872	1874	1881	rVB2	55948	71605	1.44%	0.121%
90	13.557	1947	1950	1955	rVB	49263	73267	1.47%	0.124%
91	13.816	1991	1994	2003	rVB3	51385	83943	1.68%	0.142%
92	13.992	2020	2024	2036	rVB	1280216	1204836	24.18%	2.040%
93	15.463	2267	2274	2286	rVB	653311	938676	18.84%	1.589%

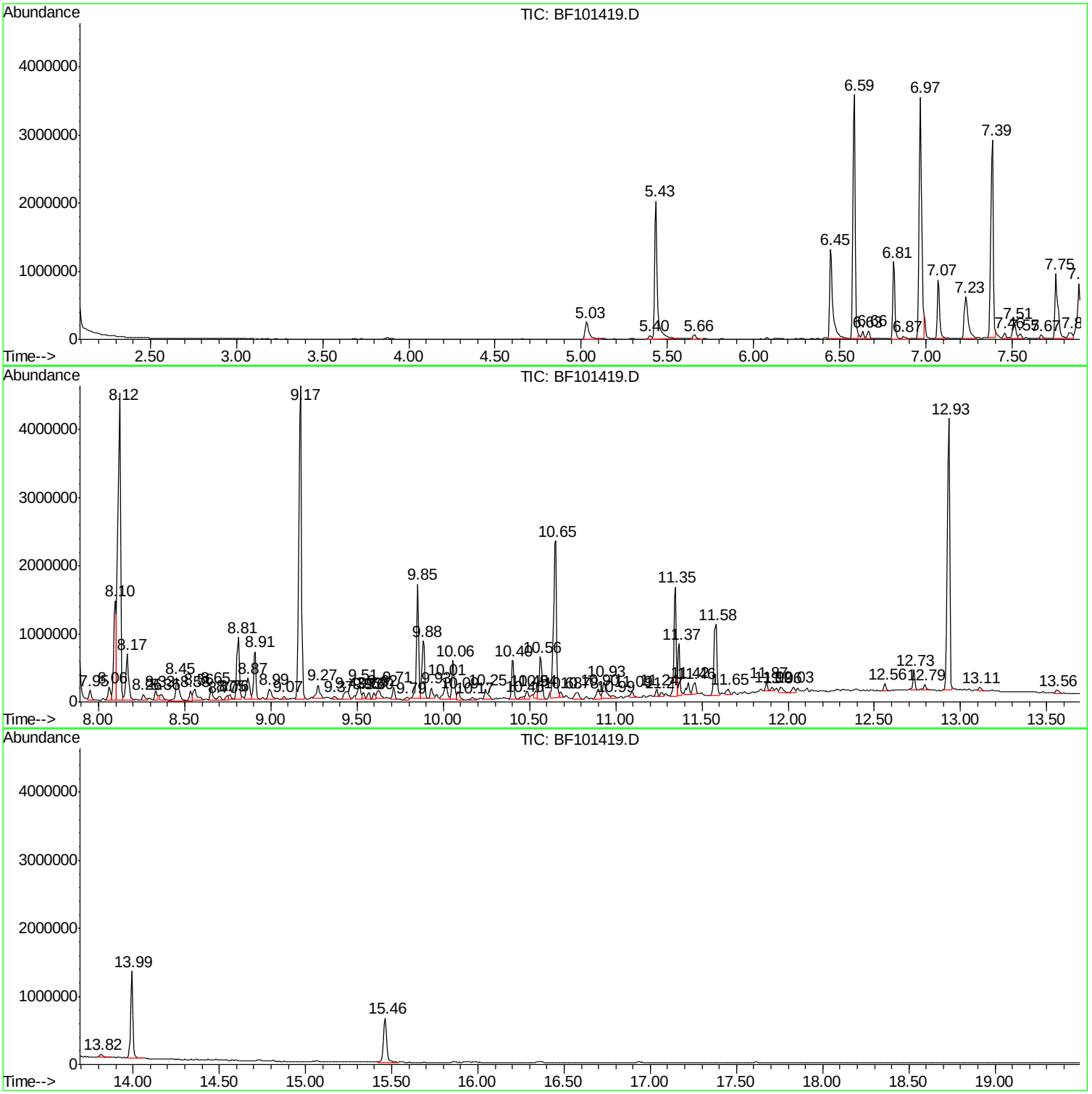
Sum of corrected areas: 59055218

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF121417\
Data File : BF101419.D
Acq On : 15 Dec 2017 2:57
Operator : SJ/JU
Sample : I6824-04
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TW-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.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 : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF121417\
Data File : BF101419.D
Acq On : 15 Dec 2017 2:57
Operator : SJ/JU
Sample : I6824-04
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TW-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

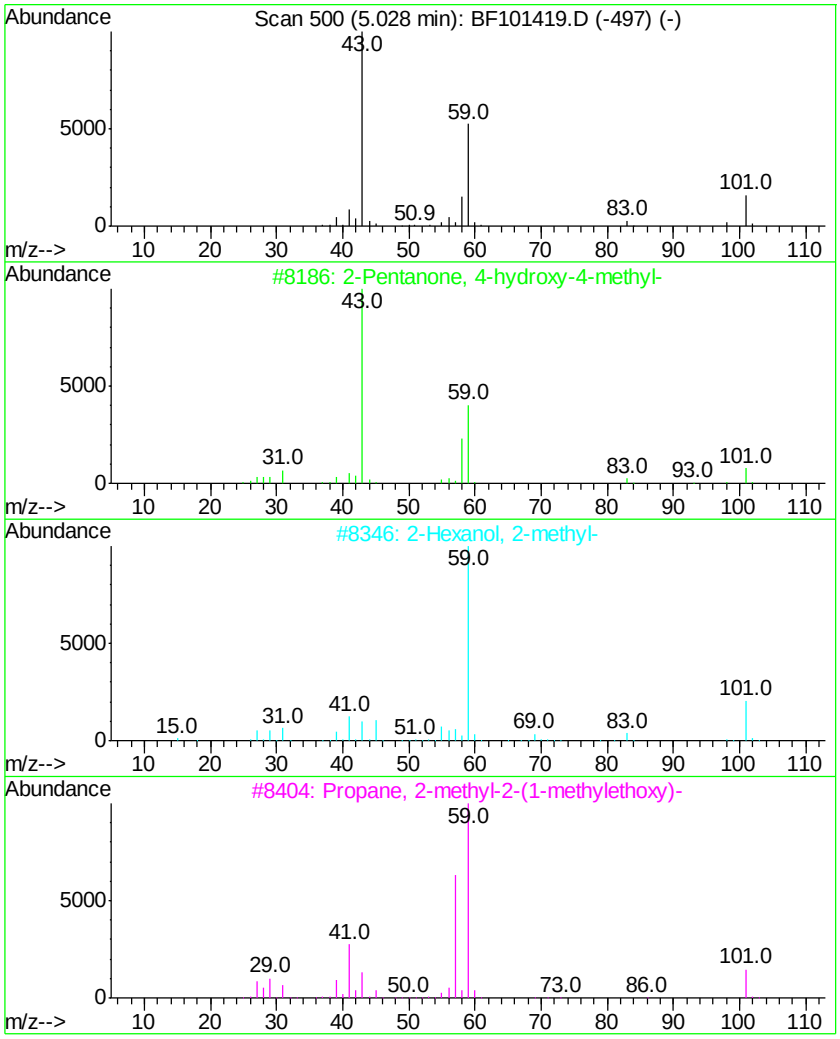
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

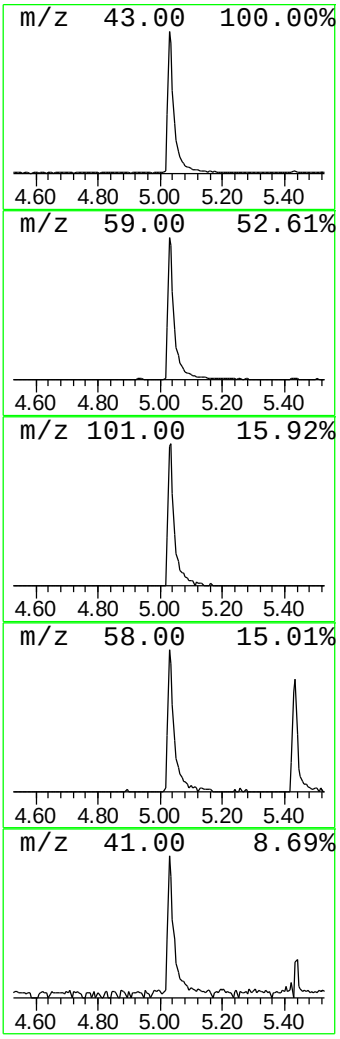
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.03	6.70 ng	362377	1,4-Dichlorobenzene-d4	6.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	40
3	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36
4	3-Hexanol	102	C6H14O	000623-37-0	33
5	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF121417\
Data File : BF101419.D
Acq On : 15 Dec 2017 2:57
Operator : SJ/JU
Sample : I6824-04
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TW-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

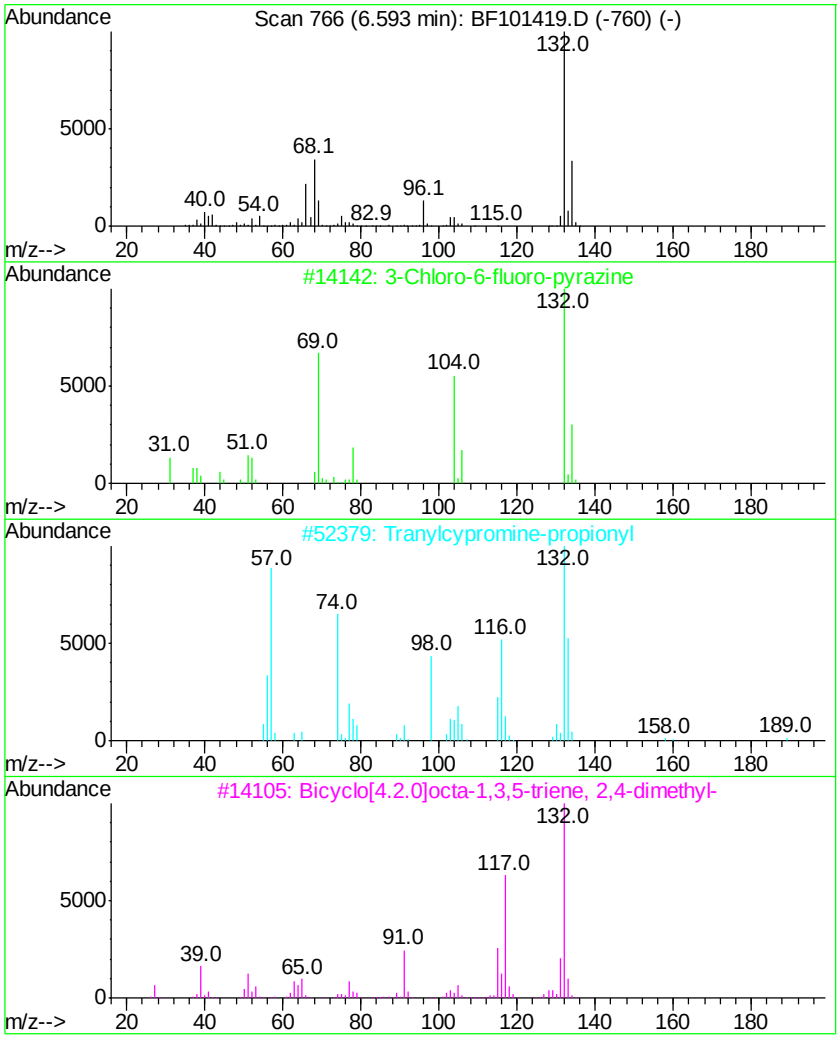
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

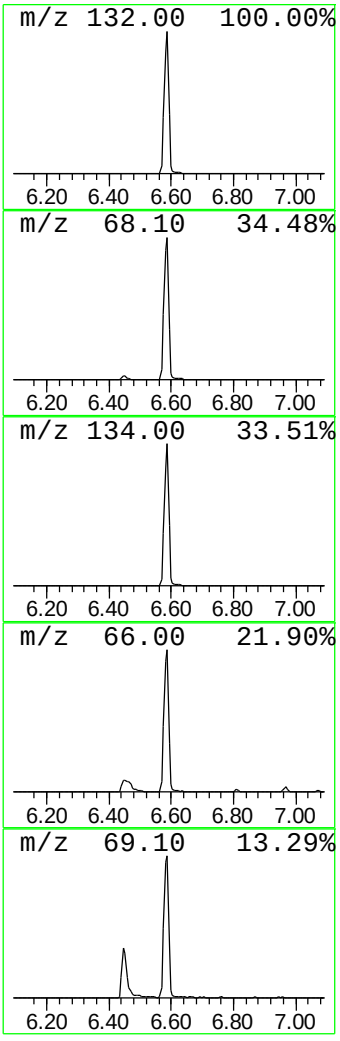
****

Peak Number 2 unknown6.59 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.59	66.27 ng	3584820	1,4-Dichlorobenzene-d4	6.81

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	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF121417\
Data File : BF101419.D
Acq On : 15 Dec 2017 2:57
Operator : SJ/JU
Sample : I6824-04
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TW-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

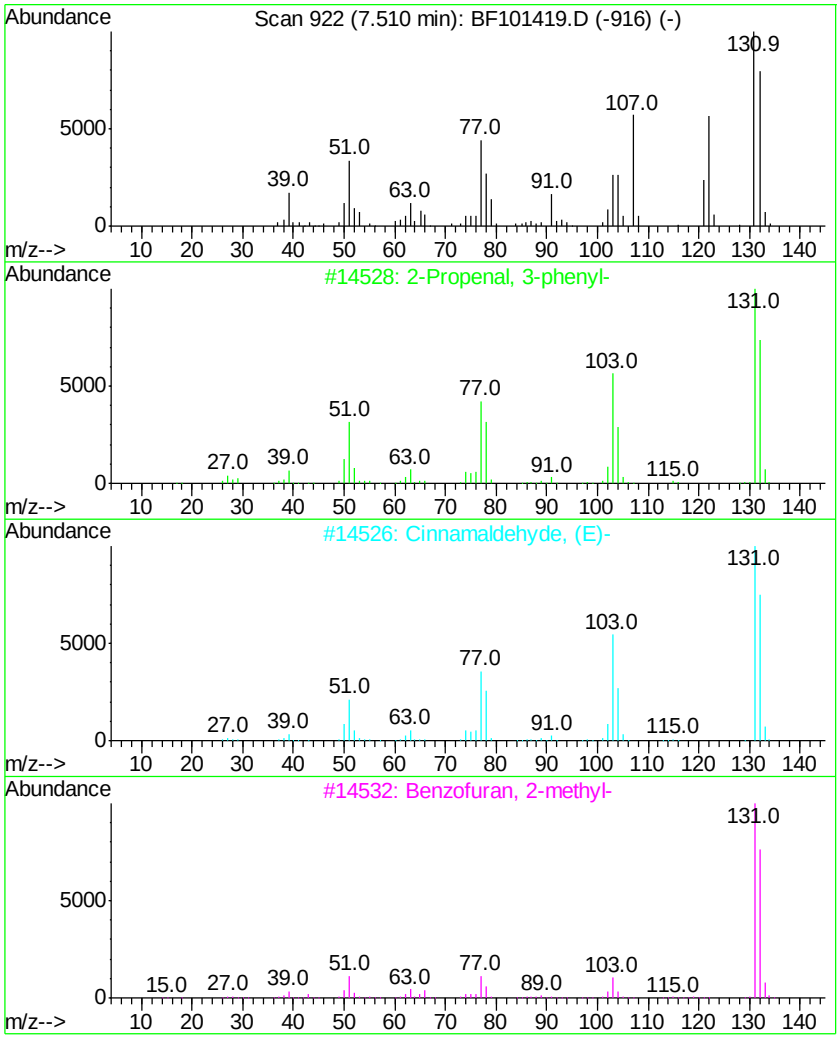
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

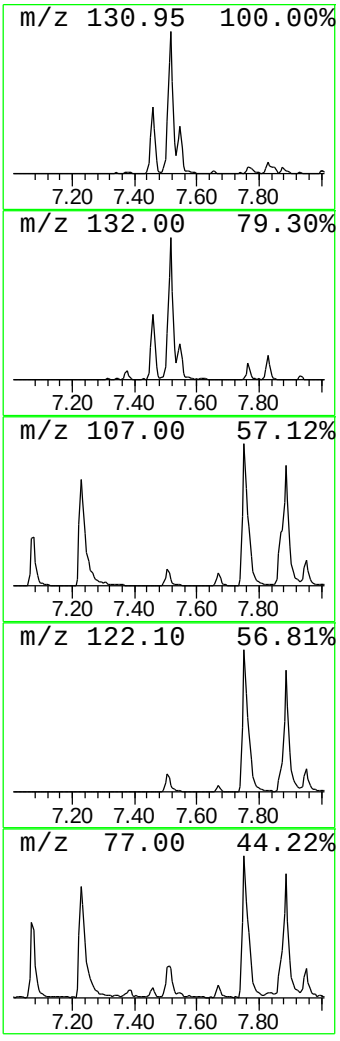
****

Peak Number 4 2-Propenal, 3-phenyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.51	4.09 ng	341691	Naphthalene-d8	8.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propenal, 3-phenyl-	132	C9H8O	000104-55-2	92
2	Cinnamaldehyde, (E)-	132	C9H8O	014371-10-9	86
3	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	70
4	Benzenemethanol, .alpha.-ethynyl-	132	C9H8O	004187-87-5	68
5	5-Methylbenzimidazole	132	C8H8N2	000614-97-1	64





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF121417\
Data File : BF101419.D
Acq On : 15 Dec 2017 2:57
Operator : SJ/JU
Sample : I6824-04
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TW-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

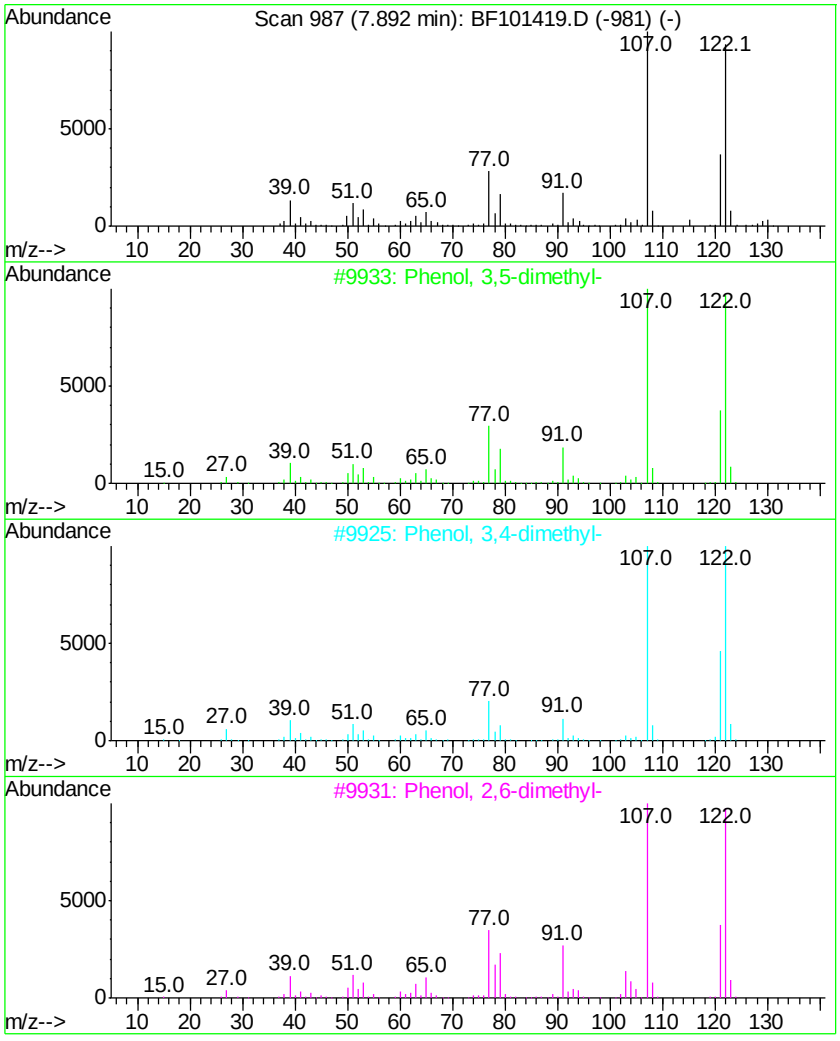
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

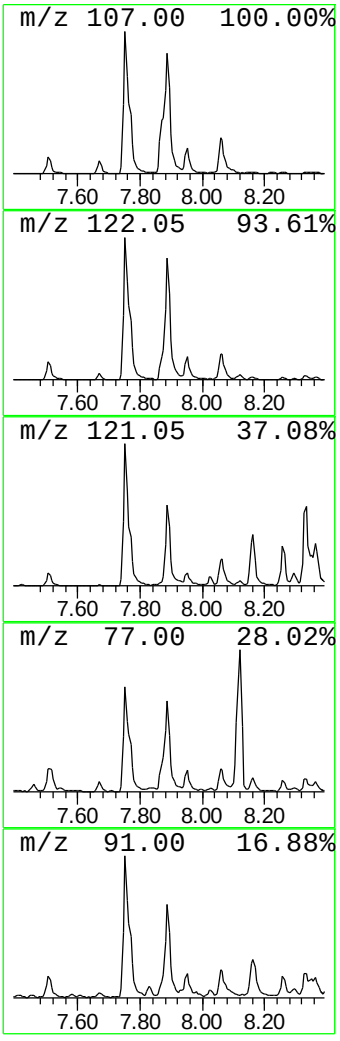
****

Peak Number 5 Phenol, 3,5-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.89	13.30 ng	1111730	Naphthalene-d8	8.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	96
2	Phenol, 3,4-dimethyl-	122	C8H10O	000095-65-8	95
3	Phenol, 2,6-dimethyl-	122	C8H10O	000576-26-1	90
4	Phenol, 2,4-dimethyl-	122	C8H10O	000105-67-9	90
5	Phenol, 2,5-dimethyl-	122	C8H10O	000095-87-4	90





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF121417\
Data File : BF101419.D
Acq On : 15 Dec 2017 2:57
Operator : SJ/JU
Sample : I6824-04
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TW-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

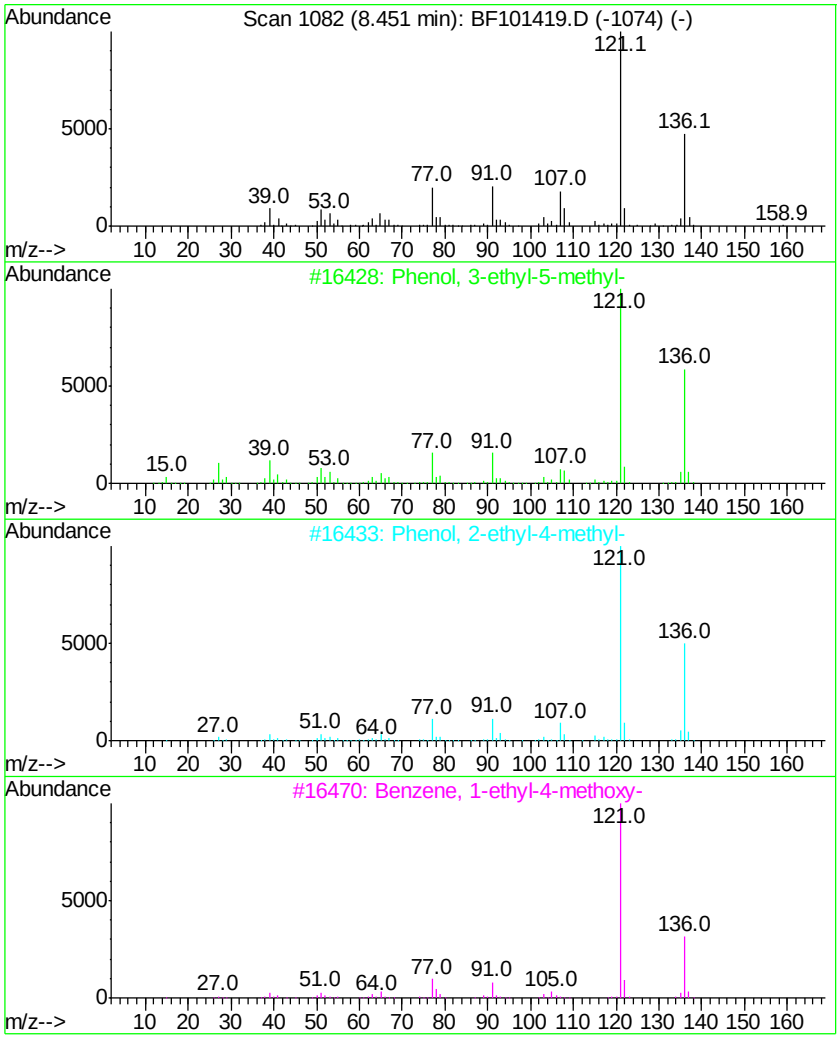
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

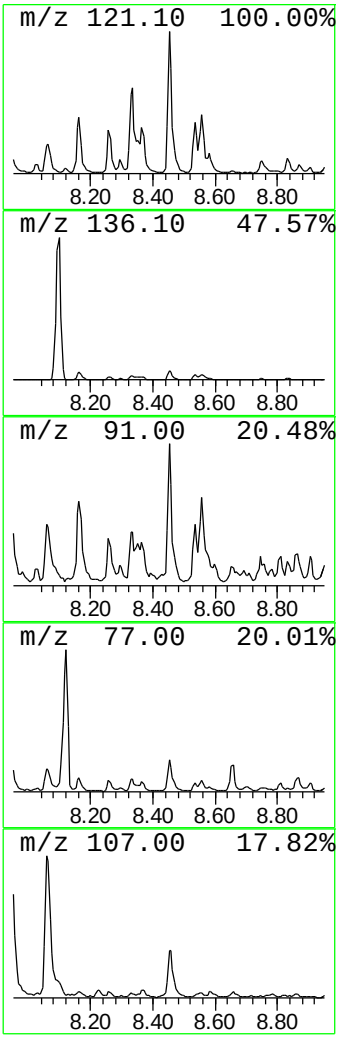
****

Peak Number 6 Phenol, 3-ethyl-5-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.45	5.69 ng	475175	Naphthalene-d8	8.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3-ethyl-5-methyl-	136	C9H12O	000698-71-5	91
2	Phenol, 2-ethyl-4-methyl-	136	C9H12O	003855-26-3	87
3	Benzene, 1-ethyl-4-methoxy-	136	C9H12O	001515-95-3	83
4	Phenol, 3-(1-methylethyl)-	136	C9H12O	000618-45-1	80
5	Phenol, 2-(1-methylethyl)-	136	C9H12O	000088-69-7	74





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF121417\
Data File : BF101419.D
Acq On : 15 Dec 2017 2:57
Operator : SJ/JU
Sample : I6824-04
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TW-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

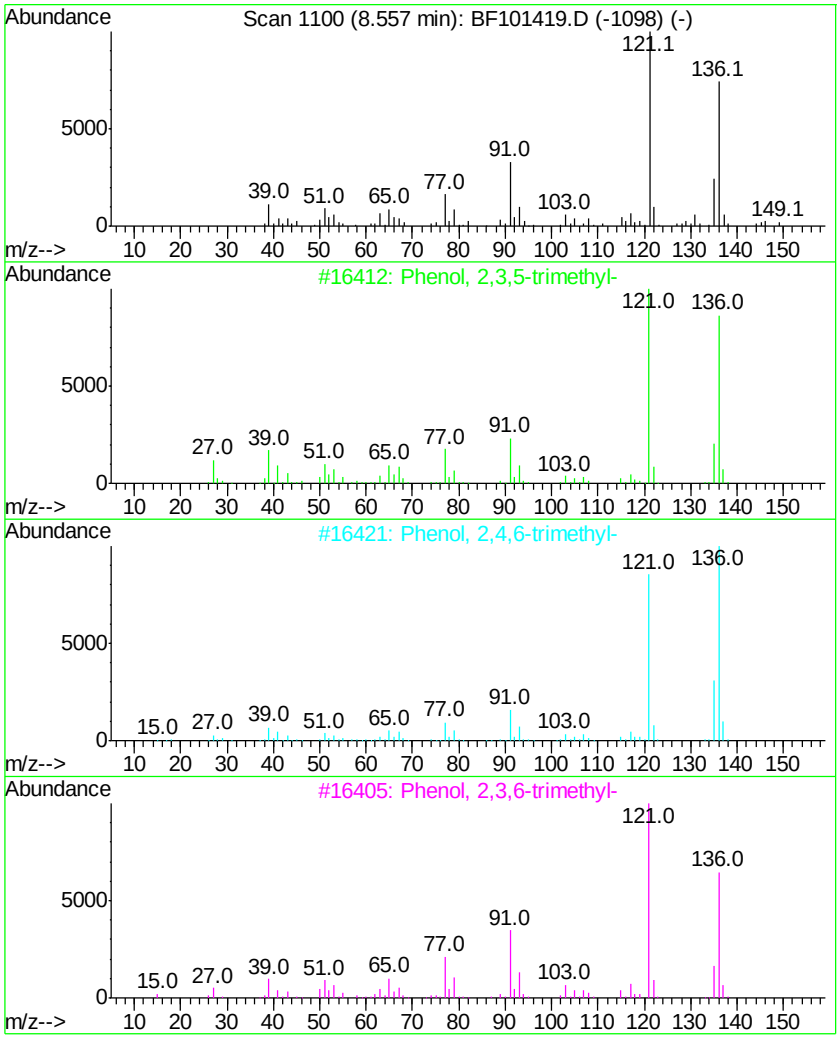
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

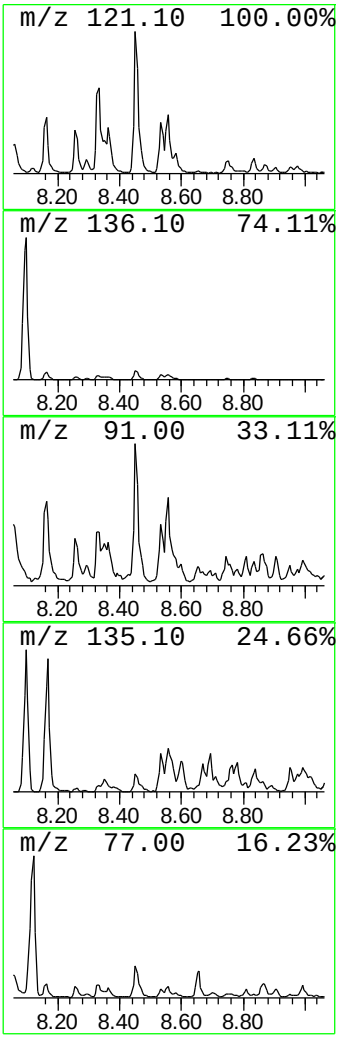
****

Peak Number 7 Phenol, 2,3,5-trimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.56	2.56 ng	214318	Naphthalene-d8	8.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,3,5-trimethyl-	136	C9H12O	000697-82-5	97
2	Phenol, 2,4,6-trimethyl-	136	C9H12O	000527-60-6	94
3	Phenol, 2,3,6-trimethyl-	136	C9H12O	002416-94-6	90
4	Phenol, 2,4,5-trimethyl-	136	C9H12O	000496-78-6	87
5	Phenol, 3,4,5-trimethyl-	136	C9H12O	000527-54-8	87





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF121417\
Data File : BF101419.D
Acq On : 15 Dec 2017 2:57
Operator : SJ/JU
Sample : I6824-04
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TW-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

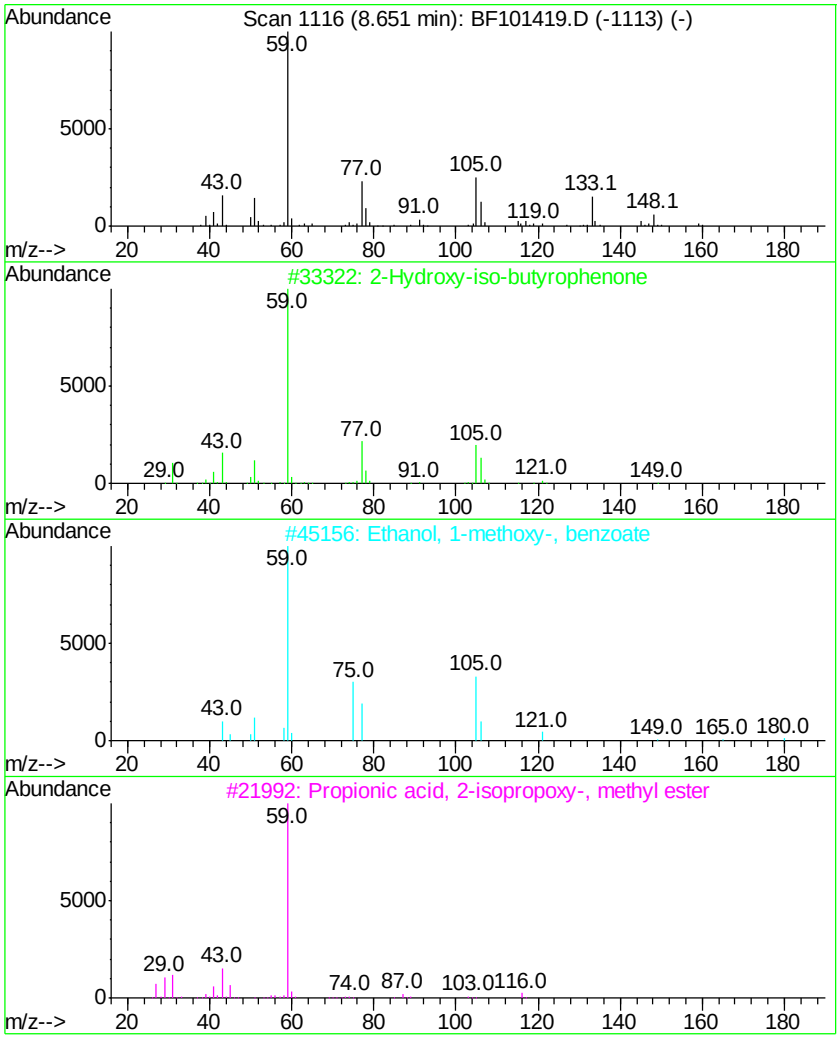
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

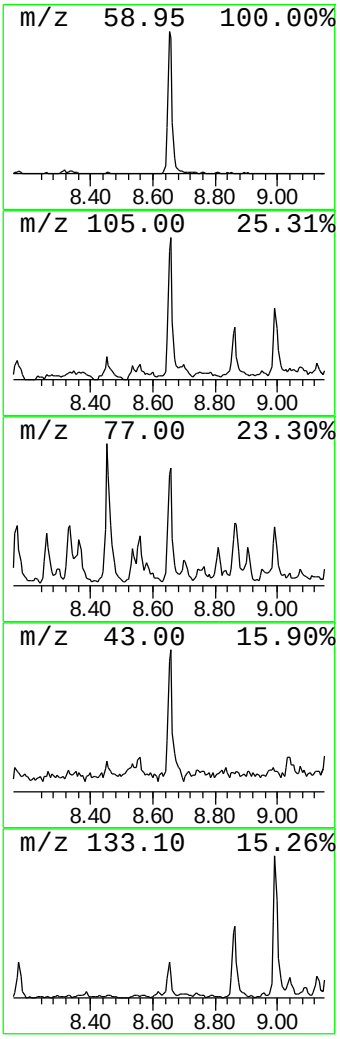
****

Peak Number 8 2-Hydroxy-iso-butyrophenone Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.65	2.39 ng	199647	Naphthalene-d8	8.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hydroxy-iso-butyrophenone	164	C10H12O2	007473-98-5	72
2	Ethanol, 1-methoxy-, benzoate	180	C10H12O3	051835-44-0	42
3	Propionic acid, 2-isopropoxy-, m...	146	C7H14O3	1000151-15-1	23
4	s-Trioxane, 2,4,6-triethyl-	174	C9H18O3	002396-42-1	23
5	Propanedioic acid, (benzoylhydra...	282	C12H14N2O6	1000142-99-9	12





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF121417\
Data File : BF101419.D
Acq On : 15 Dec 2017 2:57
Operator : SJ/JU
Sample : I6824-04
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TW-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

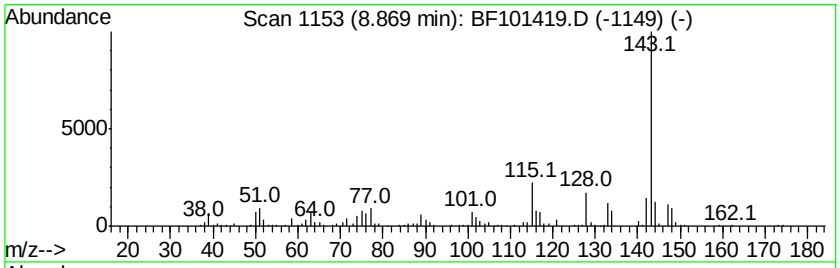
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

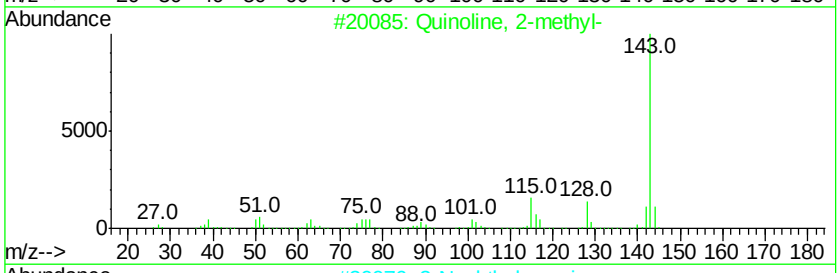
****

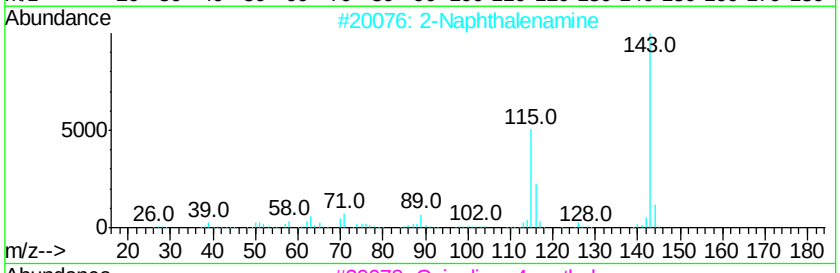
Peak Number 9 Quinoline, 2-methyl- Concentration Rank 9

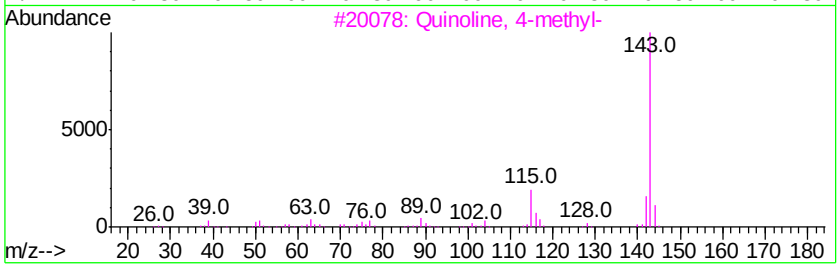
R.T.	EstConc	Area	Relative to ISTD	R.T.
8.87	4.20 ng	351051	Naphthalene-d8	8.10

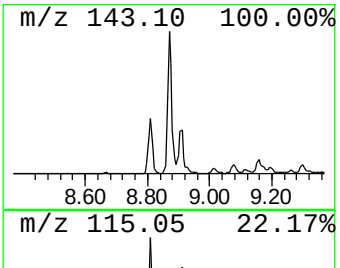
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Quinoline, 2-methyl-	143	C10H9N	000091-63-4	94
2	2-Naphthalenamine	143	C10H9N	000091-59-8	70
3	Quinoline, 4-methyl-	143	C10H9N	000491-35-0	68
4	Isoquinoline, 1-methyl-	143	C10H9N	001721-93-3	64
5	Quinoline, 3-methyl-	143	C10H9N	000612-58-8	62

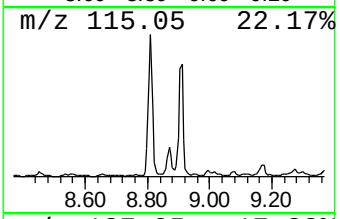


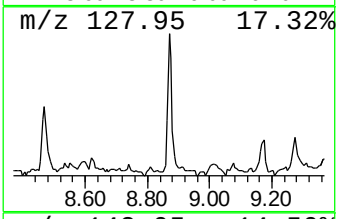


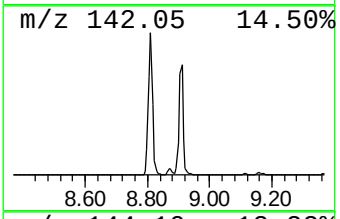


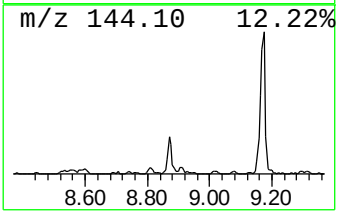












Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF121417\
Data File : BF101419.D
Acq On : 15 Dec 2017 2:57
Operator : SJ/JU
Sample : I6824-04
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TW-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

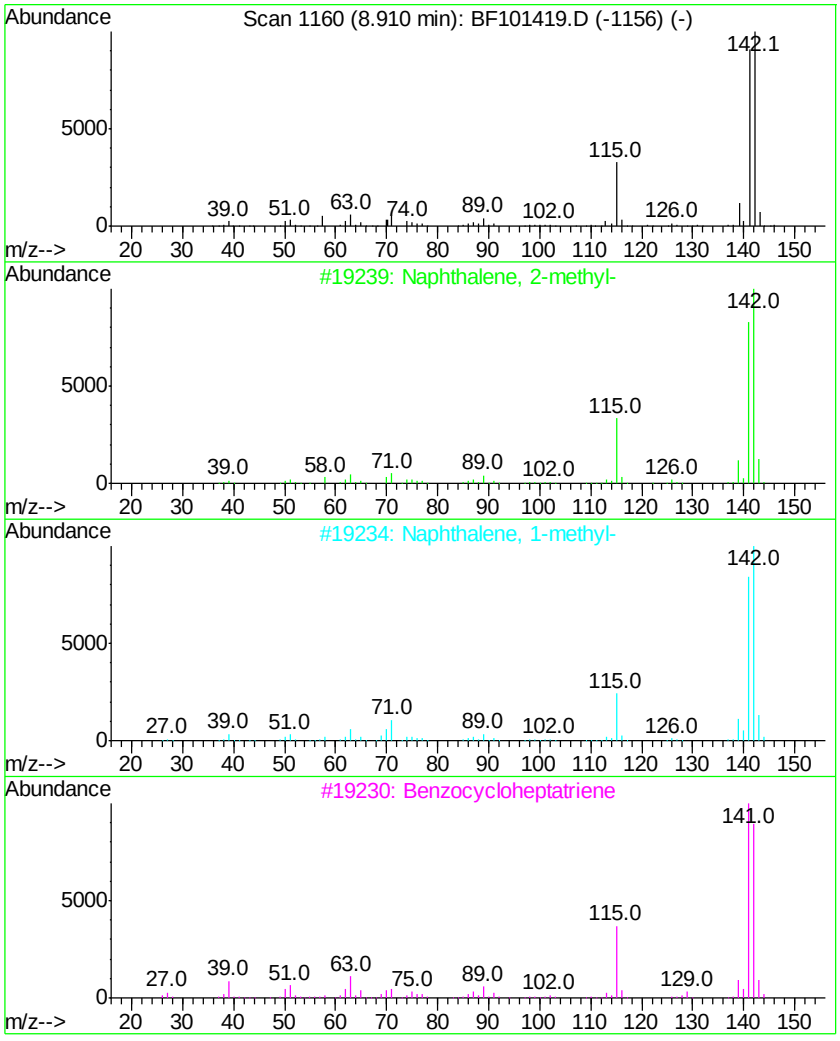
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

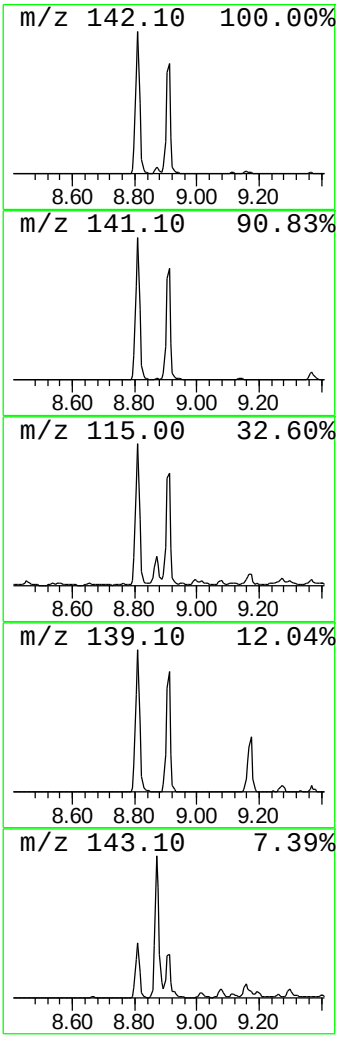
****

Peak Number 10 Naphthalene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.91	8.49 ng	709576	Naphthalene-d8	8.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	94
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91
3	Benzocycloheptatriene	142	C11H10	000264-09-5	91
4	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
5	3,4-Difluorobenzaldehyde	142	C7H4F2O	034036-07-2	64





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF121417\
Data File : BF101419.D
Acq On : 15 Dec 2017 2:57
Operator : SJ/JU
Sample : I6824-04
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TW-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

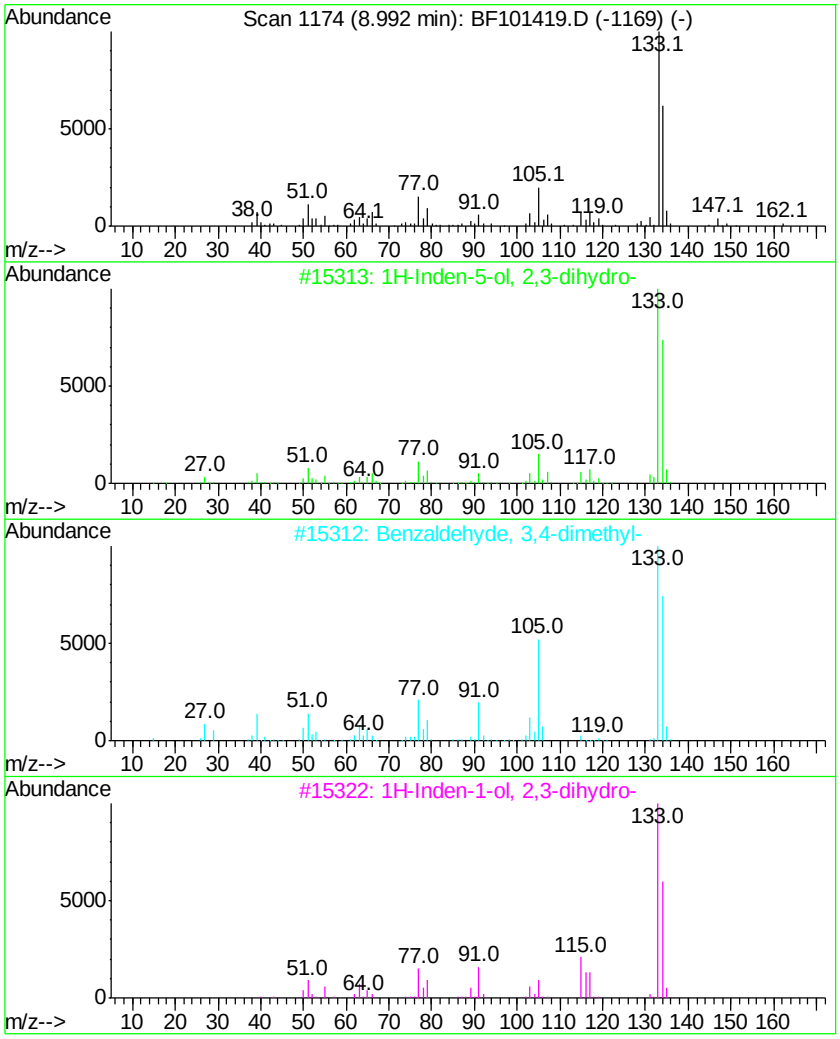
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

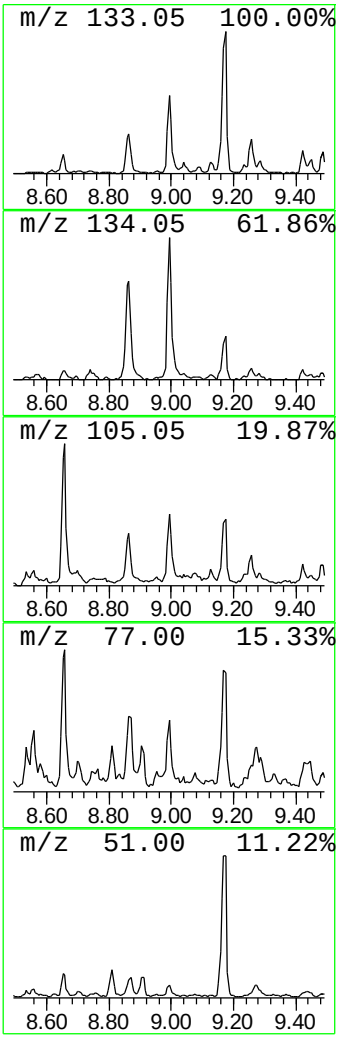
****

Peak Number 11 1H-Inden-5-ol, 2,3-dihydro- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.99	2.26 ng	181409	Acenaphthene-d10	9.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Inden-5-ol, 2,3-dihydro-	134	C9H10O	001470-94-6	94
2	Benzaldehyde, 3,4-dimethyl-	134	C9H10O	005973-71-7	87
3	1H-Inden-1-ol, 2,3-dihydro-	134	C9H10O	006351-10-6	64
4	Phenol, 4-(2-propenyl)-	134	C9H10O	000501-92-8	64
5	Nicotinonitrile, 1-ethyl-1,4-dih...	134	C8H10N2	019424-16-9	59





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF121417\
Data File : BF101419.D
Acq On : 15 Dec 2017 2:57
Operator : SJ/JU
Sample : I6824-04
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TW-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

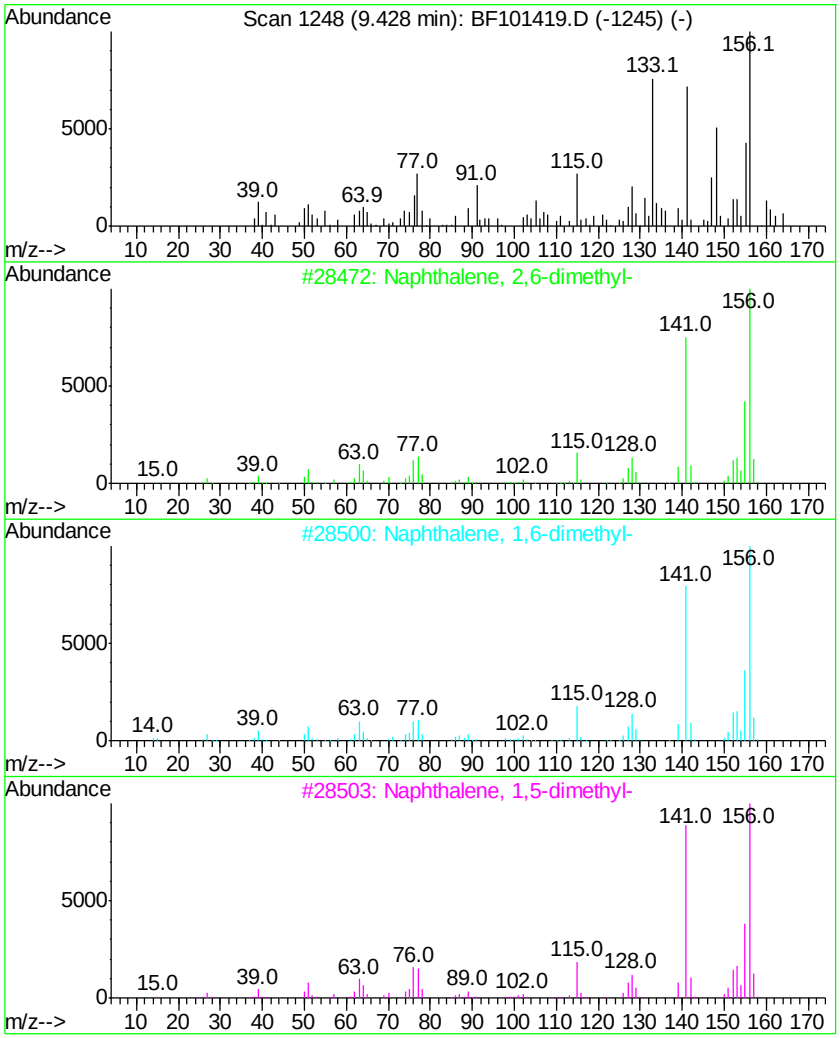
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

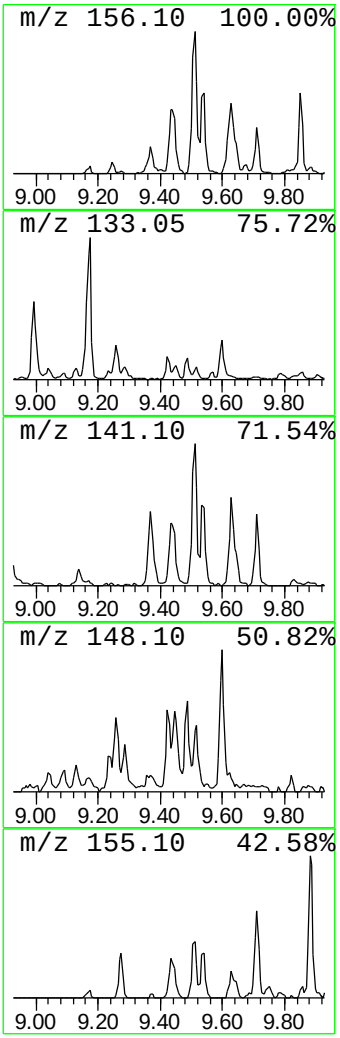
****

Peak Number 12 Naphthalene, 2,6-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.43	2.76 ng	221772	Acenaphthene-d10	9.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	93
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	91
3	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	91
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	86
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	83





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF121417\
Data File : BF101419.D
Acq On : 15 Dec 2017 2:57
Operator : SJ/JU
Sample : I6824-04
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TW-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

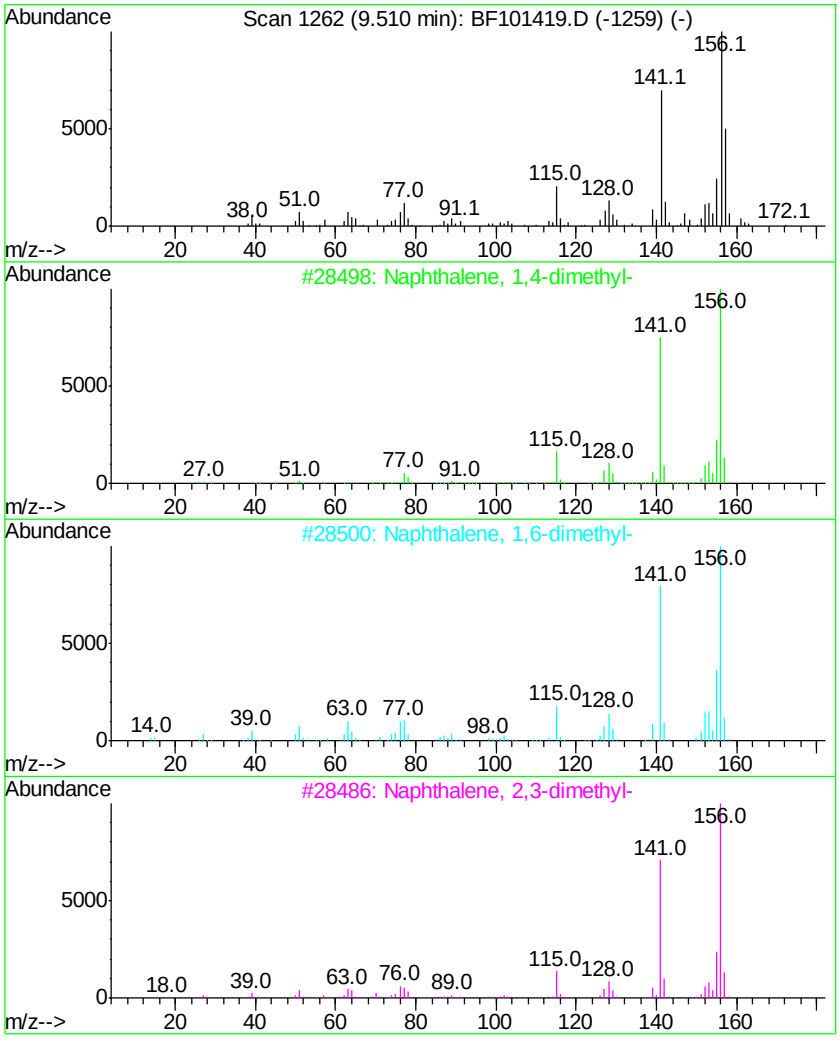
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

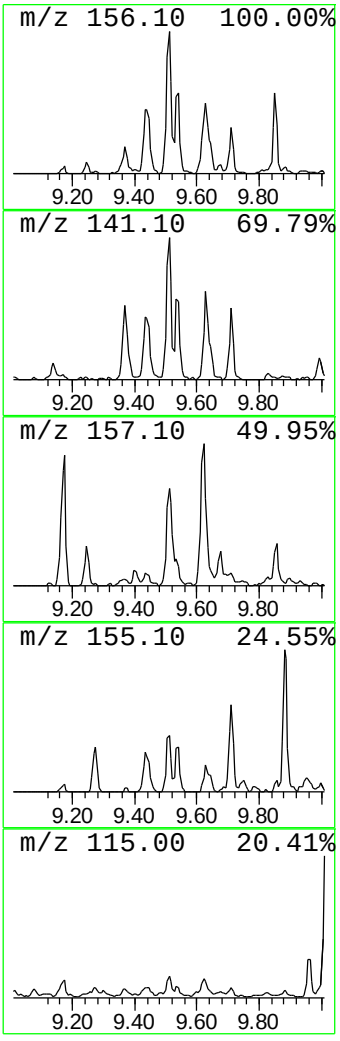
****

Peak Number 13 Naphthalene, 1,4-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.51	3.08 ng	247415	Acenaphthene-d10	9.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF121417\
Data File : BF101419.D
Acq On : 15 Dec 2017 2:57
Operator : SJ/JU
Sample : I6824-04
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TW-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

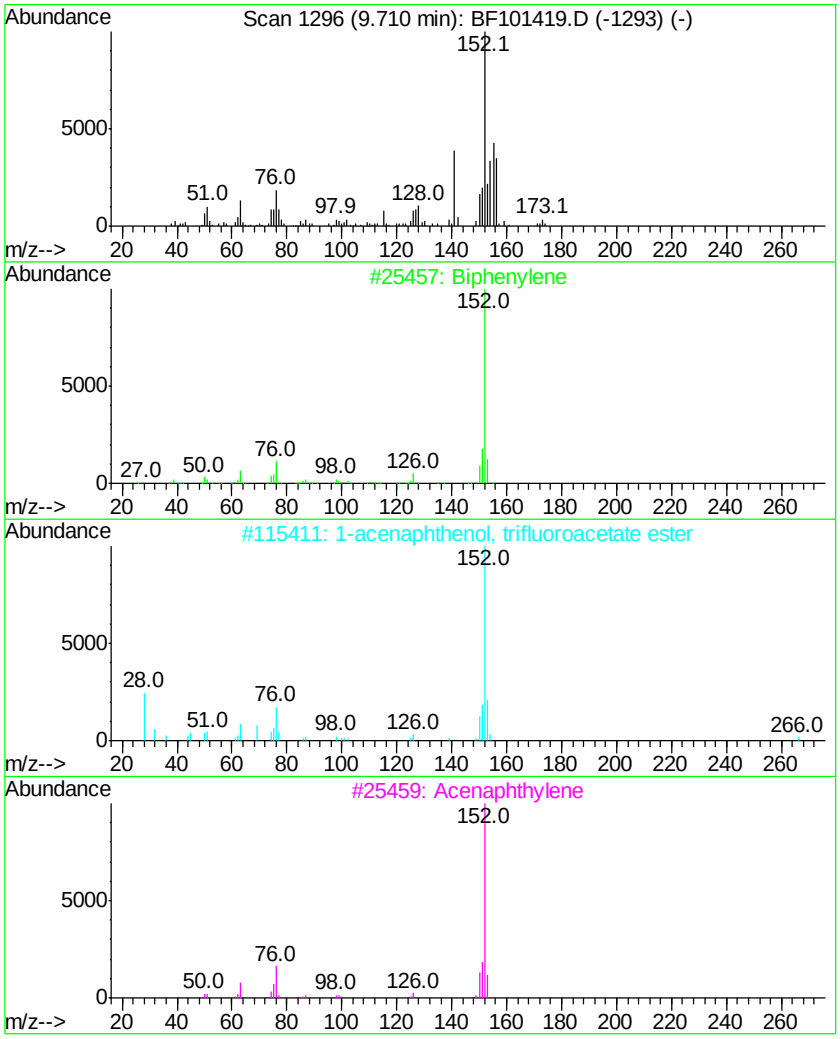
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

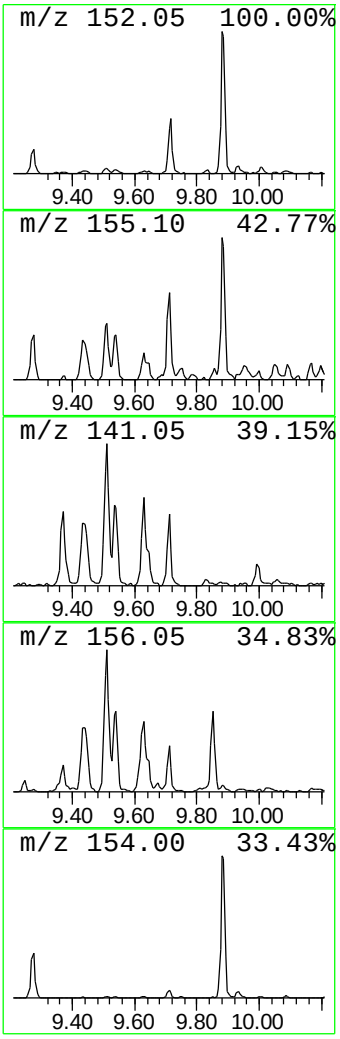
****

Peak Number 14 unknown9.71 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.71	2.36 ng	189955	Acenaphthene-d10	9.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Biphenylene	152	C12H8	000259-79-0	46
2	1-acenaphthenol, trifluoroacetat...	266	C14H9F3O2	1000376-45-2	43
3	Acenaphthylene	152	C12H8	000208-96-8	38
4	5-Chlorobenzimidazole	152	C7H5ClN2	004887-82-5	30
5	4-Amino-2-chlorobenzonitrile	152	C7H5ClN2	020925-27-3	27





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF121417\
Data File : BF101419.D
Acq On : 15 Dec 2017 2:57
Operator : SJ/JU
Sample : I6824-04
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TW-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

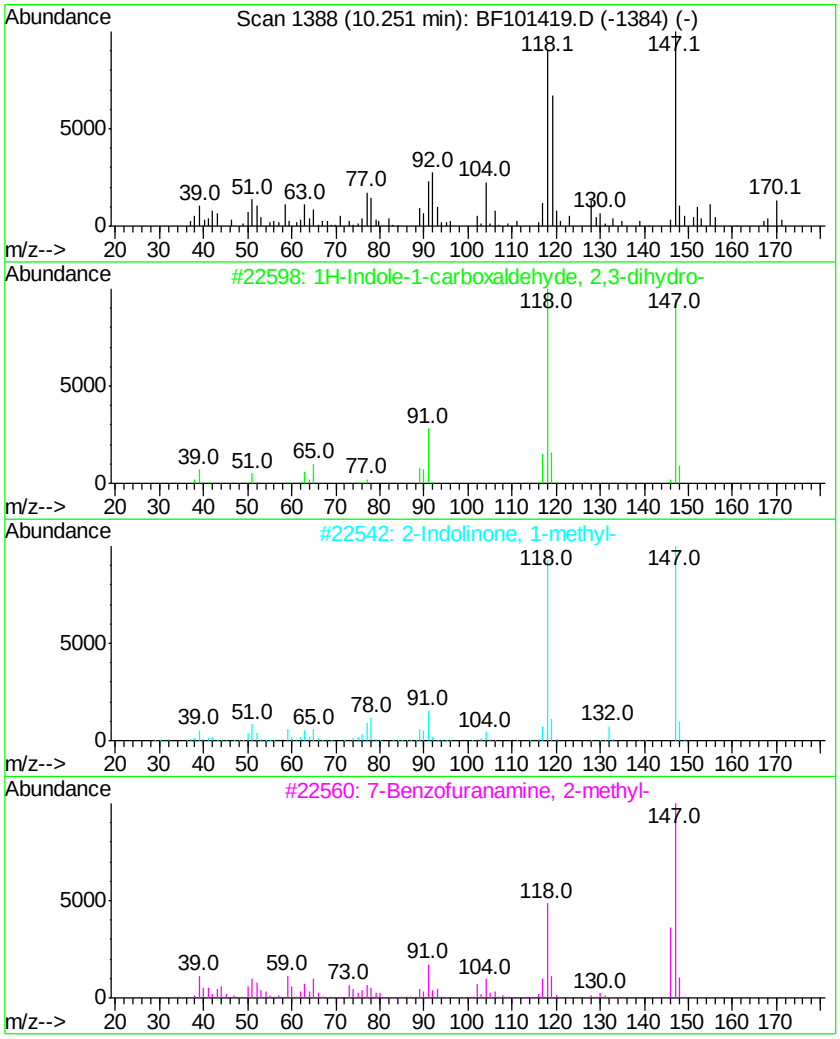
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

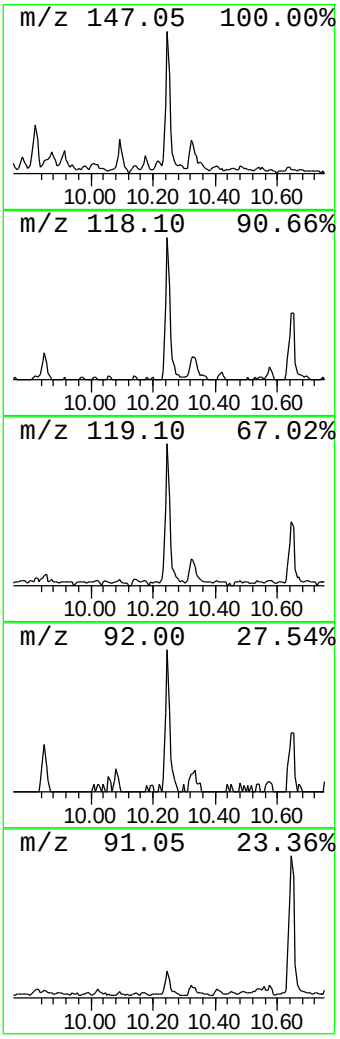
****

Peak Number 15 1H-Indole-1-carboxaldehyde,... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.25	2.38 ng	191064	Acenaphthene-d10	9.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indole-1-carboxaldehyde, 2,3-...	147	C9H9NO	002861-59-8	60
2	2-Indolinone, 1-methyl-	147	C9H9NO	000061-70-1	53
3	7-Benzofuranamine, 2-methyl-	147	C9H9NO	1000327-46-4	52
4	(2-Benzimidazolyl)methylamine	147	C8H9N3	005805-57-2	52
5	1H-Indole, 2,3-dihydro-	119	C8H9N	000496-15-1	50





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF121417\
Data File : BF101419.D
Acq On : 15 Dec 2017 2:57
Operator : SJ/JU
Sample : I6824-04
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TW-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

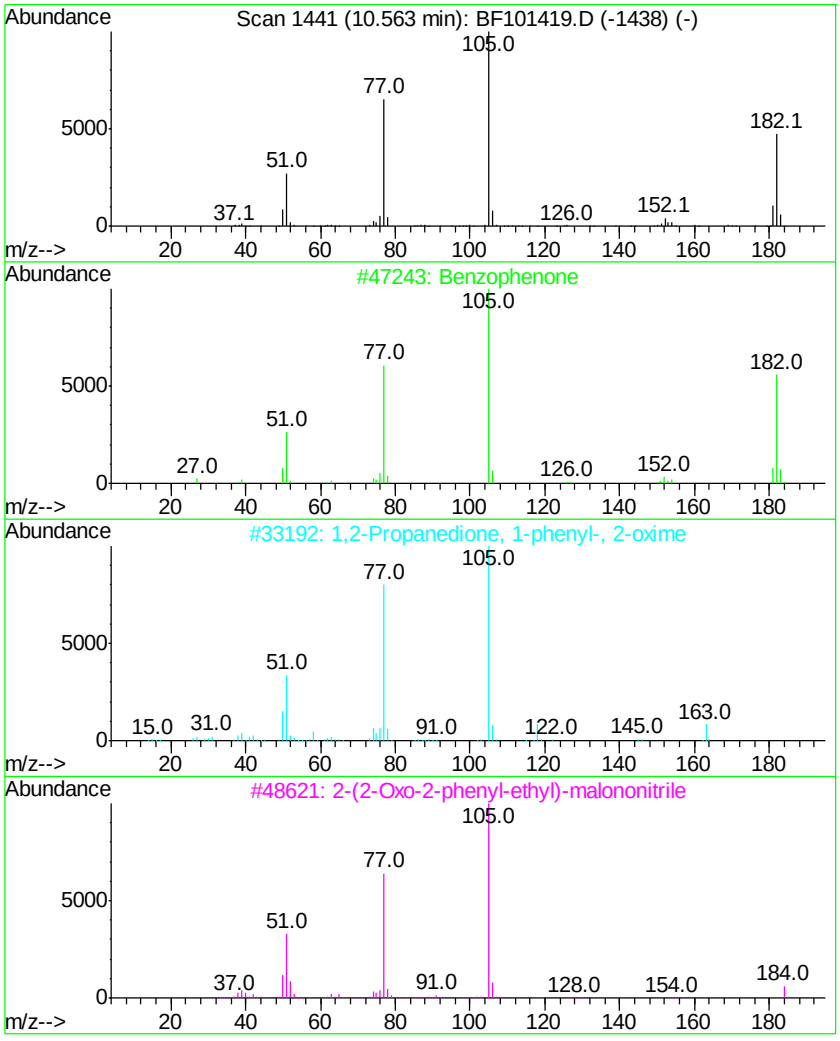
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

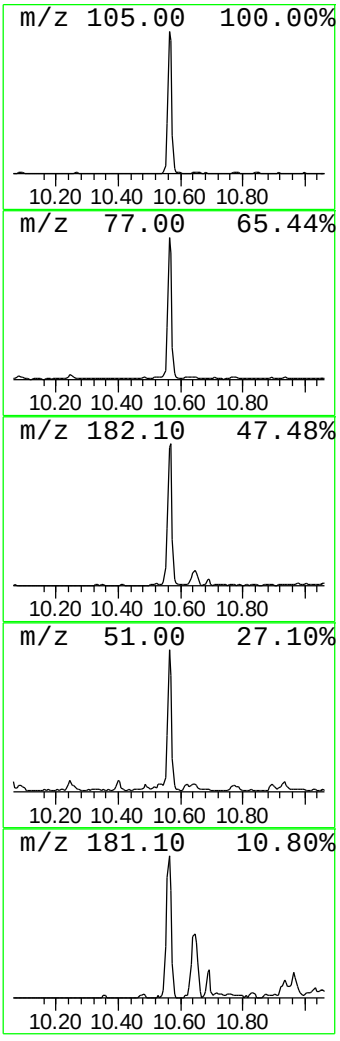
****

Peak Number 16 Benzophenone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.56	8.04 ng	646443	Acenaphthene-d10	9.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	1,2-Propanedione, 1-phenyl-, 2-o...	163	C9H9NO2	000119-51-7	47
3	2-(2-Oxo-2-phenyl-ethyl)-malonon...	184	C11H8N2O	1000296-76-9	47
4	Benzenebutanoic acid, .gamma.-oxo-	178	C10H10O3	002051-95-8	47
5	.alpha.,.alpha.-Dichloroacetophe...	188	C8H6Cl2O	002648-61-5	47





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF121417\
Data File : BF101419.D
Acq On : 15 Dec 2017 2:57
Operator : SJ/JU
Sample : I6824-04
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TW-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

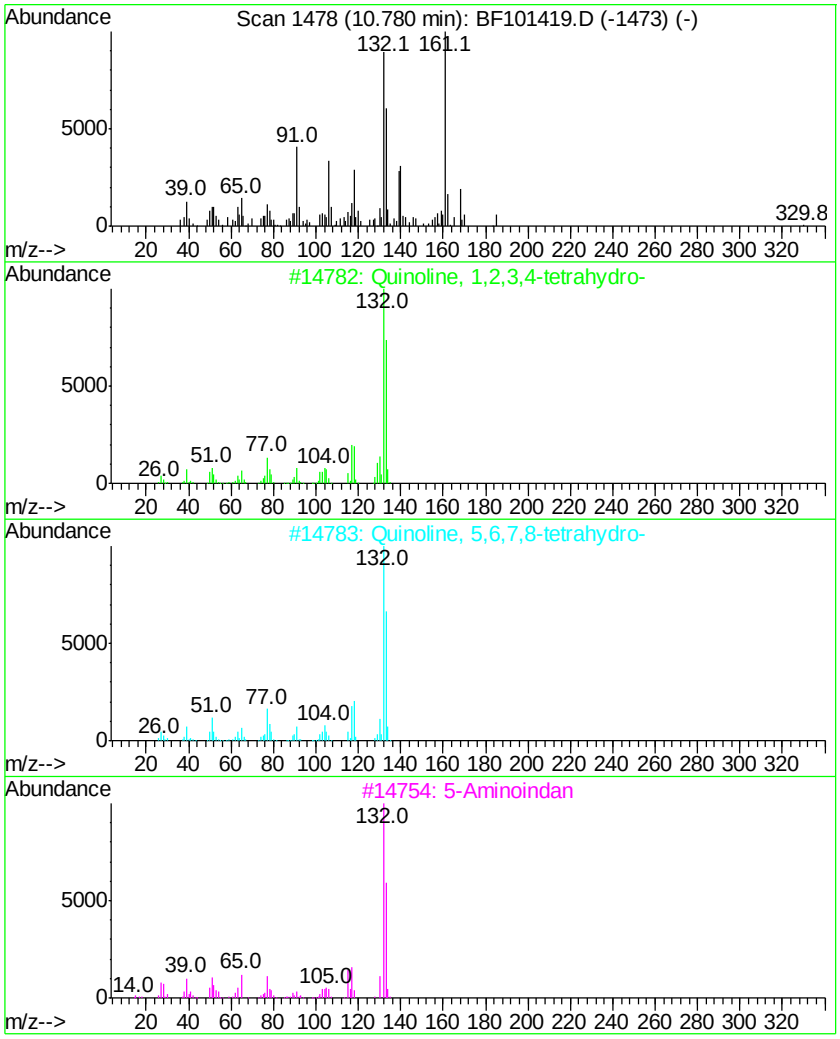
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

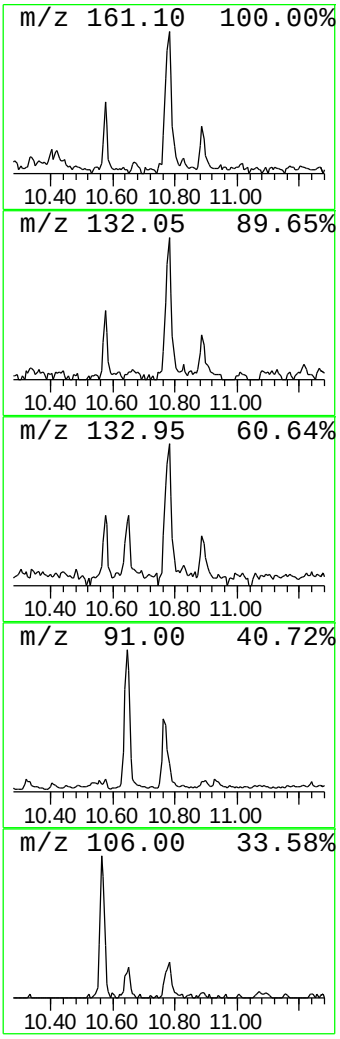
****

Peak Number 17 Quinoline, 1,2,3,4-tetrahydro- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.78	2.16 ng	171403	Phenanthrene-d10	11.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Quinoline, 1,2,3,4-tetrahydro-	133	C9H11N	000635-46-1	80
2	Quinoline, 5,6,7,8-tetrahydro-	133	C9H11N	010500-57-9	42
3	5-Aminoindan	133	C9H11N	024425-40-9	42
4	Indenone, 5-methylamino-2,3-dihy...	161	C10H11NO	1000153-18-7	38
5	1H-Indazole, 3-methyl-	132	C8H8N2	1000316-00-2	35





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF121417\
Data File : BF101419.D
Acq On : 15 Dec 2017 2:57
Operator : SJ/JU
Sample : I6824-04
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TW-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

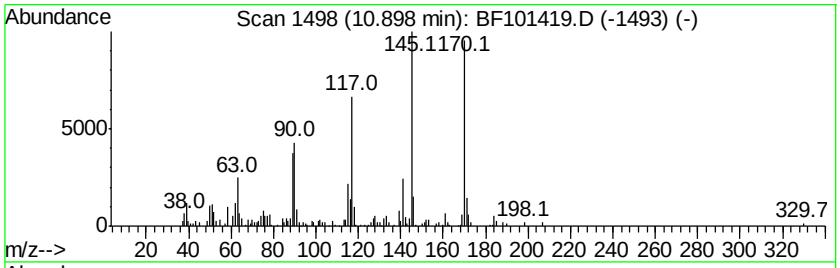
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

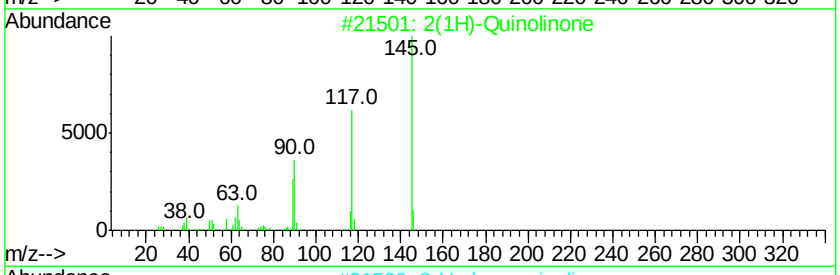
****

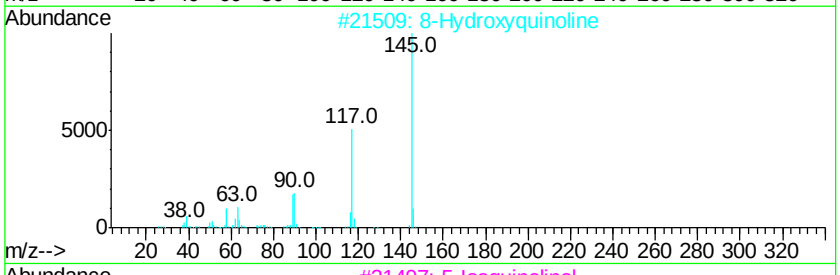
Peak Number 18 2(1H)-Quinolinone Concentration Rank 15

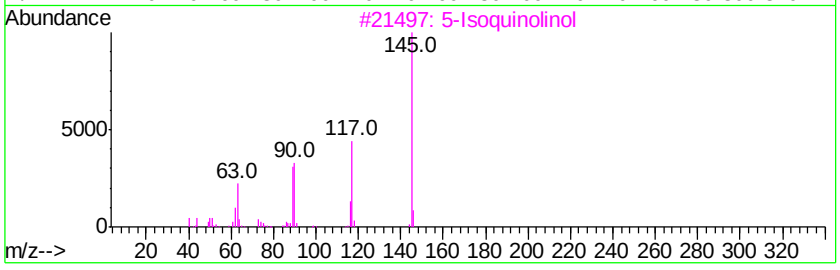
R.T.	EstConc	Area	Relative to ISTD	R.T.
10.90	2.53 ng	200370	Phenanthrene-d10	11.35

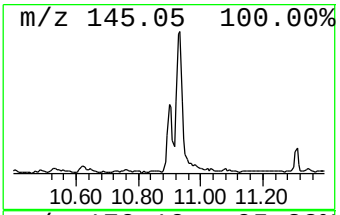
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2(1H)-Quinolinone	145	C9H7NO	000059-31-4	92
2	8-Hydroxyquinoline	145	C9H7NO	000148-24-3	83
3	5-Isoquinolinol	145	C9H7NO	002439-04-5	83
4	1(2H)-Isoquinolinone	145	C9H7NO	000491-30-5	70
5	4-Quinolinol	145	C9H7NO	000611-36-9	64

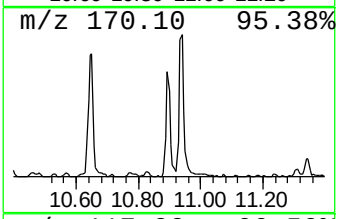


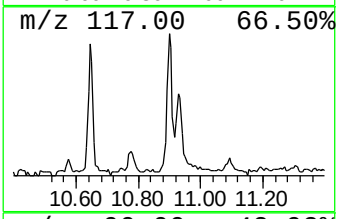


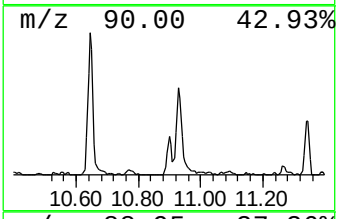


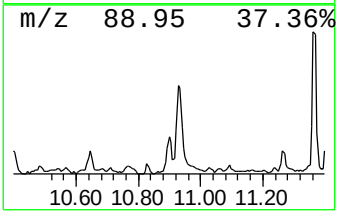












Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF121417\
Data File : BF101419.D
Acq On : 15 Dec 2017 2:57
Operator : SJ/JU
Sample : I6824-04
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TW-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

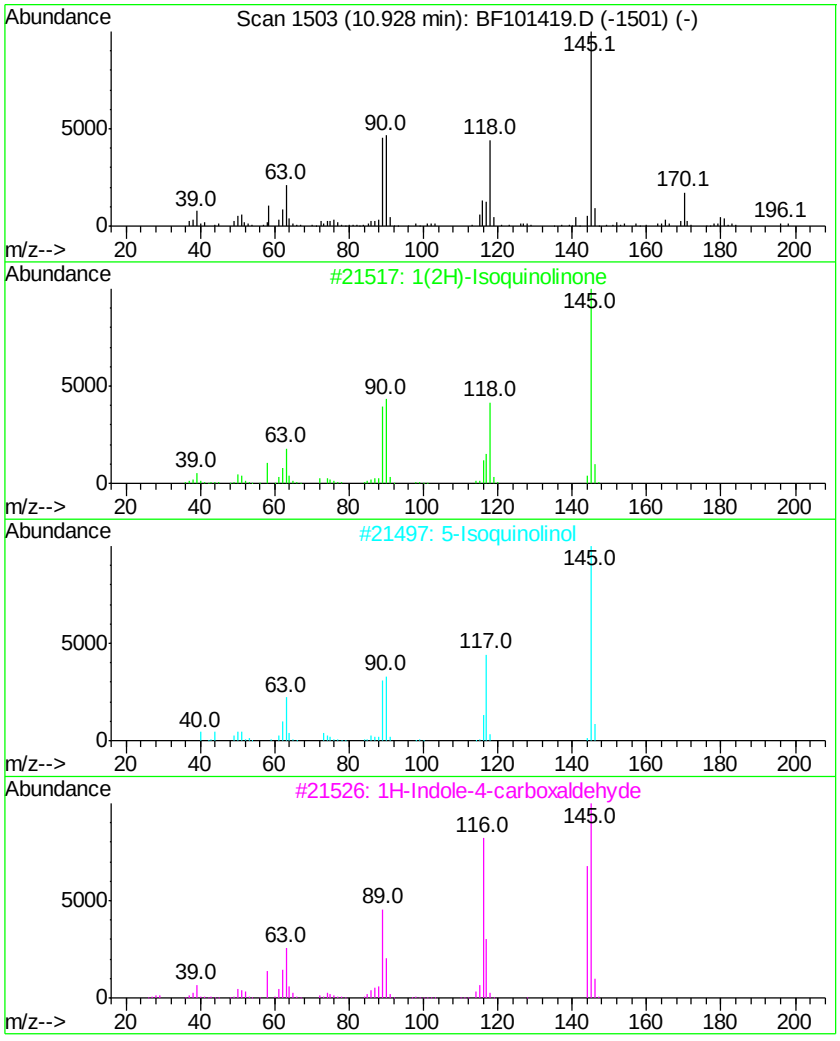
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

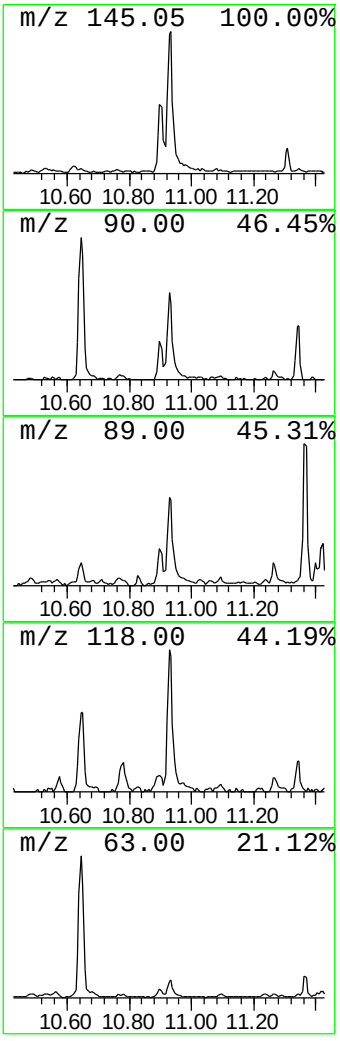
****

Peak Number 19 1(2H)-Isoquinolinone Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.93	4.35 ng	344845	Phenanthrene-d10	11.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1(2H)-Isoquinolinone	145	C9H7NO	000491-30-5	95
2	5-Isoquinolinol	145	C9H7NO	002439-04-5	53
3	1H-Indole-4-carboxaldehyde	145	C9H7NO	001074-86-8	50
4	Indole-7-carboxaldehyde	145	C9H7NO	001074-88-0	50
5	4-Quinolinol	145	C9H7NO	000611-36-9	46





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF121417\
Data File : BF101419.D
Acq On : 15 Dec 2017 2:57
Operator : SJ/JU
Sample : I6824-04
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TW-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

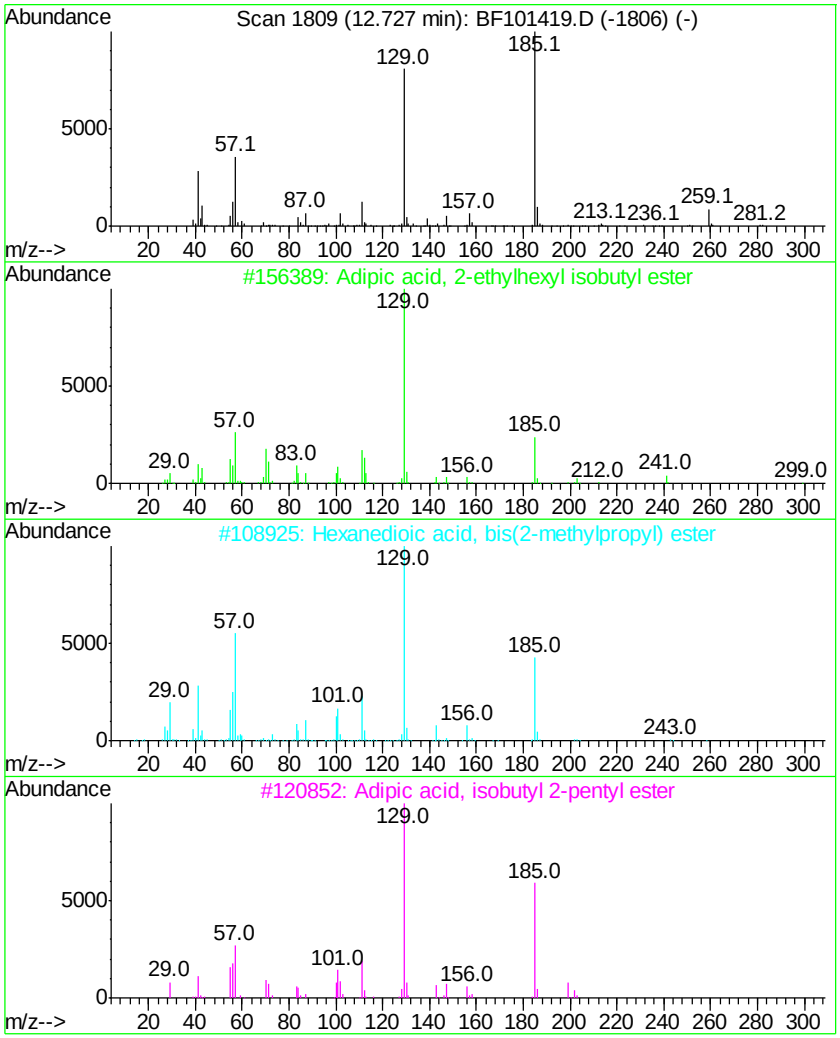
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

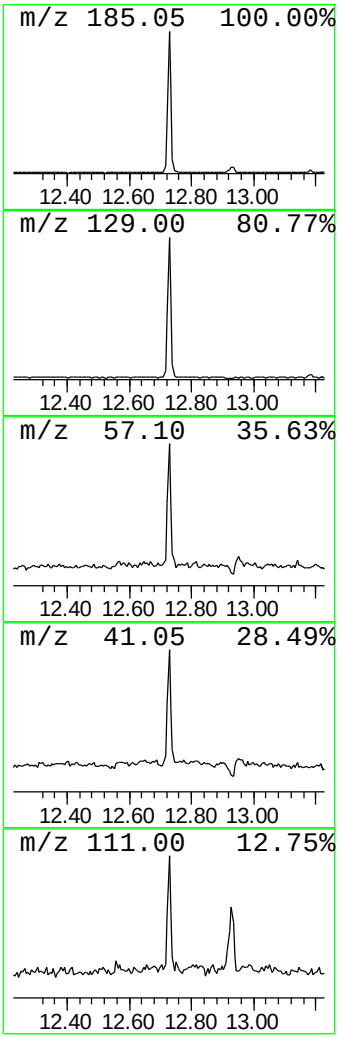
****

Peak Number 20 Adipic acid, 2-ethylhexyl i... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.73	4.01 ng	241327	Chrysene-d12	13.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Adipic acid, 2-ethylhexyl isobut...	314	C18H34O4	1000324-48-0	78
2	Hexanedioic acid, bis(2-methylpr...	258	C14H26O4	000141-04-8	78
3	Adipic acid, isobutyl 2-pentyl e...	272	C15H28O4	1000324-15-6	78
4	Adipic acid, butyl non-5-yn-3-yl...	324	C19H32O4	1000324-32-5	78
5	Adipic acid, butyl 2,4-dimethylp...	300	C17H32O4	1000349-77-7	64





Tentatively Identified Compound (LSC) summary

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF121417\
Data File : BF101419.D
Acq On : 15 Dec 2017 2:57
Operator : SJ/JU
Sample : I6824-04
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TW-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.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
2-Pentanone, 4-hy...	5.03	6.7	ng	362377	1	6.81	1081850	20.0
unknown6.59	6.59	66.3	ng	3584820	1	6.81	1081850	20.0
2-Propenal, 3-phe...	7.51	4.1	ng	341691	2	8.10	1671660	20.0
Phenol, 3,5-dimet...	7.89	13.3	ng	1111730	2	8.10	1671660	20.0
Phenol, 3-ethyl-5...	8.45	5.7	ng	475175	2	8.10	1671660	20.0
Phenol, 2,3,5-tri...	8.56	2.6	ng	214318	2	8.10	1671660	20.0
2-Hydroxy-iso-but...	8.65	2.4	ng	199647	2	8.10	1671660	20.0
Quinoline, 2-methyl-	8.87	4.2	ng	351051	2	8.10	1671660	20.0
Naphthalene, 1-me...	8.91	8.5	ng	709576	2	8.10	1671660	20.0
1H-Inden-5-ol, 2,...	8.99	2.3	ng	181409	3	9.85	1608630	20.0
Naphthalene, 2,6-...	9.43	2.8	ng	221772	3	9.85	1608630	20.0
Naphthalene, 1,4-...	9.51	3.1	ng	247415	3	9.85	1608630	20.0
unknown9.71	9.71	2.4	ng	189955	3	9.85	1608630	20.0
1H-Indole-1-carbo...	10.25	2.4	ng	191064	3	9.85	1608630	20.0
Benzophenone	10.56	8.0	ng	646443	3	9.85	1608630	20.0
Quinoline, 1,2,3,...	10.78	2.2	ng	171403	4	11.35	1584580	20.0
2(1H)-Quinolinone	10.90	2.5	ng	200370	4	11.35	1584580	20.0
1(2H)-Isoquinolinone	10.93	4.3	ng	344845	4	11.35	1584580	20.0
Adipic acid, 2-et...	12.73	4.0	ng	241327	5	13.99	1204840	20.0