LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080118\
Data File : BF107901.D
Acq On : 1 Aug 2018 20:44
Operator : JU/SJ
Sample : J4256-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-A01

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-BF073018.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	5.190	480	485	503	rVB	213988	302277	7.38%	0.665%
2	5.601	552	555	567	rBV	823099	1376812	33.59%	3.030%
3	5.978	614	619	623	rVB2	58160	66071	1.61%	0.145%
4	6.125	639	644	649	rVB2	74788	103198	2.52%	0.227%
5	6.425	692	695	701	rVB5	30909	47242	1.15%	0.104%
6	6.484	701	705	710	rVB2	79404	78398	1.91%	0.173%
7	6.607	722	726	744	rBV	440096	1159209	28.28%	2.551%
8	6.737	744	748	763	rVV	2593127	3259124	79.52%	7.172%
9	6.907	774	777	783	rVB	84086	88469	2.16%	0.195%
10	6.960	783	786	805	rVB	515853	923421	22.53%	2.032%
11	7.113	808	812	823	rVV	2533094	3135487	76.50%	6.900%
12	7.195	823	826	836	rVV	371866	450568	10.99%	0.991%
13	7.290	836	842	849	rVV	299363	309268	7.55%	0.681%
14	7.348	849	852	858	rVB3	80368	88445	2.16%	0.195%
15	7.484	868	875	878	rBV	704819	718511	17.53%	1.581%
16	7.531	878	883	890	rVV2	1794026	2595295	63.32%	5.711%
17	7.590	890	893	899	rVV3	260693	469797	11.46%	1.034%
18	7.637	899	901	906	rVV	227282	235933	5.76%	0.519%
19	7.695	908	911	913	rVV2	50694	59192	1.44%	0.130%
20	7.719	913	915	920	rVB	393737	338158	8.25%	0.744%
21	7.760	920	922	926	rVB2	72459	79642	1.94%	0.175%
22	7.795	926	928	931	rBV	61325	49732	1.21%	0.109%
23	7.831	931	934	936	rBV	81470	78695	1.92%	0.173%
24	7.854	936	938	940	rBV2	45651	45621	1.11%	0.100%
25	7.884	940	943	946	rVB2	211604	207565	5.06%	0.457%
26	7.913	946	948	952	rVB2	146438	175202	4.27%	0.386%
27	7.972	952	958	961	rBV	1028492	999987	24.40%	2.200%
28	8.048	967	971	977	rVB3	118904	177236	4.32%	0.390%
29	8.101	977	980	982	rVB	87906	79467	1.94%	0.175%
30	8.142	982	987	989	rBV2	46272	78572	1.92%	0.173%
31	8.225	994	1001	1002	rVV	228706	312313	7.62%	0.687%
32	8.242	1002	1004	1008	rVV	1043387	1218811	29.74%	2.682%
33	8.278	1008	1010	1013	rVV	348956	338089	8.25%	0.744%
34	8.319	1013	1017	1020	rVB2	157854	178917	4.37%	0.394%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080118\
Data File : BF107901.D
Acq On : 1 Aug 2018 20:44
Operator : JU/SJ
Sample : J4256-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-A01

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-BF073018.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.384	1026	1028	1030	rBV	119152	88937	2.17%	0.196%
36	8.431	1034	1036	1041	rVV	419904	392153	9.57%	0.863%
37	8.478	1041	1044	1048	rVV2	377624	407895	9.95%	0.898%
38	8.513	1048	1050	1055	rVV4	107770	161015	3.93%	0.354%
39	8.554	1055	1057	1061	rVV4	70210	95215	2.32%	0.210%
40	8.619	1064	1068	1074	rVB3	214391	251396	6.13%	0.553%
41	8.701	1079	1082	1085	rBV	173462	133718	3.26%	0.294%
42	8.736	1085	1088	1093	rVB3	216615	212221	5.18%	0.467%
43	8.795	1096	1098	1100	rBV	65822	47877	1.17%	0.105%
44	8.895	1111	1115	1118	rBV	440402	363963	8.88%	0.801%
45	8.925	1118	1120	1125	rVB3	134686	142159	3.47%	0.313%
46	8.978	1126	1129	1132	rBV3	94556	129090	3.15%	0.284%
47	9.019	1133	1136	1140	rVV4	208877	236092	5.76%	0.520%
48	9.060	1140	1143	1145	rVV	224305	221935	5.41%	0.488%
49	9.089	1145	1148	1153	rVB3	208286	255898	6.24%	0.563%
50	9.136	1153	1156	1158	rBV4	65297	87278	2.13%	0.192%
51	9.172	1158	1162	1165	rVV5	129902	183783	4.48%	0.404%
52	9.201	1165	1167	1170	rVB2	91375	68125	1.66%	0.150%
53	9.272	1177	1179	1182	rVB3	66822	65109	1.59%	0.143%
54	9.319	1182	1187	1191	rBV	3859956	4098575	100.00%	9.019%
55	9.419	1201	1204	1206	rBV3	59703	66598	1.62%	0.147%
56	9.460	1208	1211	1214	rVB2	176585	163166	3.98%	0.359%
57	9.625	1236	1239	1242	rBV5	110293	168193	4.10%	0.370%
58	9.672	1245	1247	1249	rVV2	132757	124803	3.05%	0.275%
59	9.707	1250	1253	1257	rVB	465254	425804	10.39%	0.937%
60	9.983	1294	1300	1301	rBV	331681	459835	11.22%	1.012%
61	10.001	1301	1303	1314	rVV2	1389913	1490552	36.37%	3.280%
62	10.083	1314	1317	1322	rVB6	68388	117065	2.86%	0.258%
63	10.213	1337	1339	1345	rVB5	68368	78045	1.90%	0.172%
64	10.325	1351	1358	1362	rBV	1418339	2354467	57.45%	5.181%
65	10.354	1362	1363	1367	rVV2	276728	367399	8.96%	0.808%
66	10.389	1367	1369	1380	rVB2	284491	458291	11.18%	1.008%
67	10.513	1388	1390	1395	rVB2	90195	89485	2.18%	0.197%
68	10.566	1396	1399	1402	rVB2	132516	120056	2.93%	0.264%
69	10.678	1416	1418	1420	rBV2	53235	61187	1.49%	0.135%
70	10.742	1426	1429	1433	rBV2	142973	199003	4.86%	0.438%
71	10.801	1435	1439	1449	rVV2	2547364	3091488	75.43%	6.803%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080118\
Data File : BF107901.D
Acq On : 1 Aug 2018 20:44
Operator : JU/SJ
Sample : J4256-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-A01

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-BF073018.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	10.960	1464	1466	1469	rVB2	54235	42485	1.04%	0.093%
73	11.101	1488	1490	1493	rBV3	51929	62403	1.52%	0.137%
74	11.213	1506	1509	1515	rBV2	78268	105421	2.57%	0.232%
75	11.501	1554	1558	1570	rBV	962783	1249422	30.48%	2.749%
76	11.695	1588	1591	1599	rBV2	75412	87159	2.13%	0.192%
77	12.007	1640	1644	1652	rBV2	198050	268053	6.54%	0.590%
78	12.166	1669	1671	1677	rVB2	43692	43985	1.07%	0.097%
79	12.519	1728	1731	1735	rBV	401453	400158	9.76%	0.881%
80	13.083	1822	1827	1839	rBV	3014571	3566604	87.02%	7.848%
81	13.266	1855	1858	1864	rBV3	76409	103769	2.53%	0.228%
82	13.507	1896	1899	1903	rBV	148618	137653	3.36%	0.303%
83	13.954	1972	1975	1982	rVB	121478	114954	2.80%	0.253%
84	14.095	1996	1999	2003	rVB	75555	61148	1.49%	0.135%
85	14.148	2005	2008	2020	rBV	641560	935219	22.82%	2.058%
86	14.977	2146	2149	2154	rVB	56608	65320	1.59%	0.144%
87	15.689	2265	2270	2282	rBV	500290	898088	21.91%	1.976%

Sum of corrected areas: 45444436

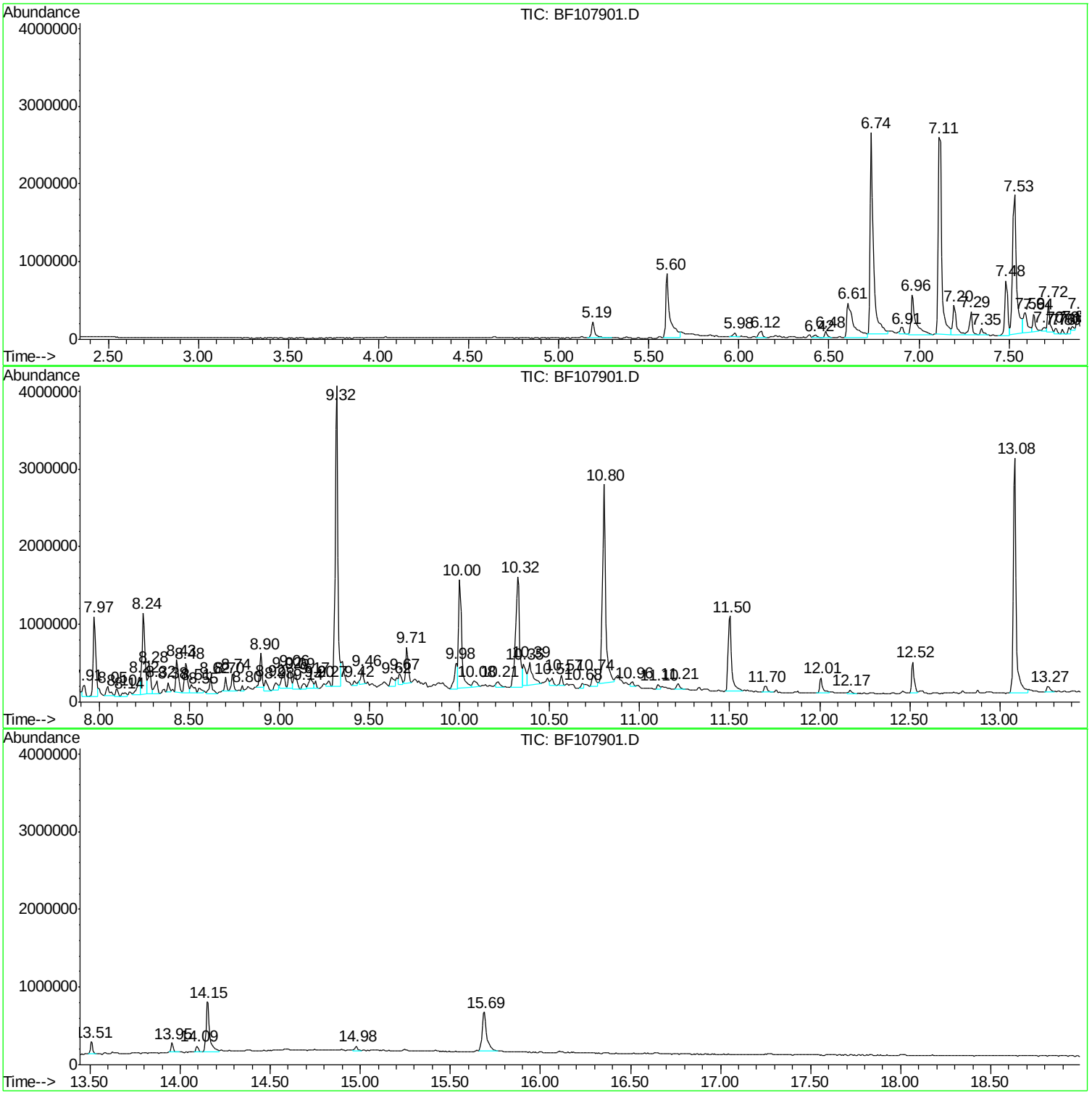
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080118\
Data File : BF107901.D
Acq On : 1 Aug 2018 20:44
Operator : JU/SJ
Sample : J4256-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-A01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080118\
Data File : BF107901.D
Acq On : 1 Aug 2018 20:44
Operator : JU/SJ
Sample : J4256-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-A01

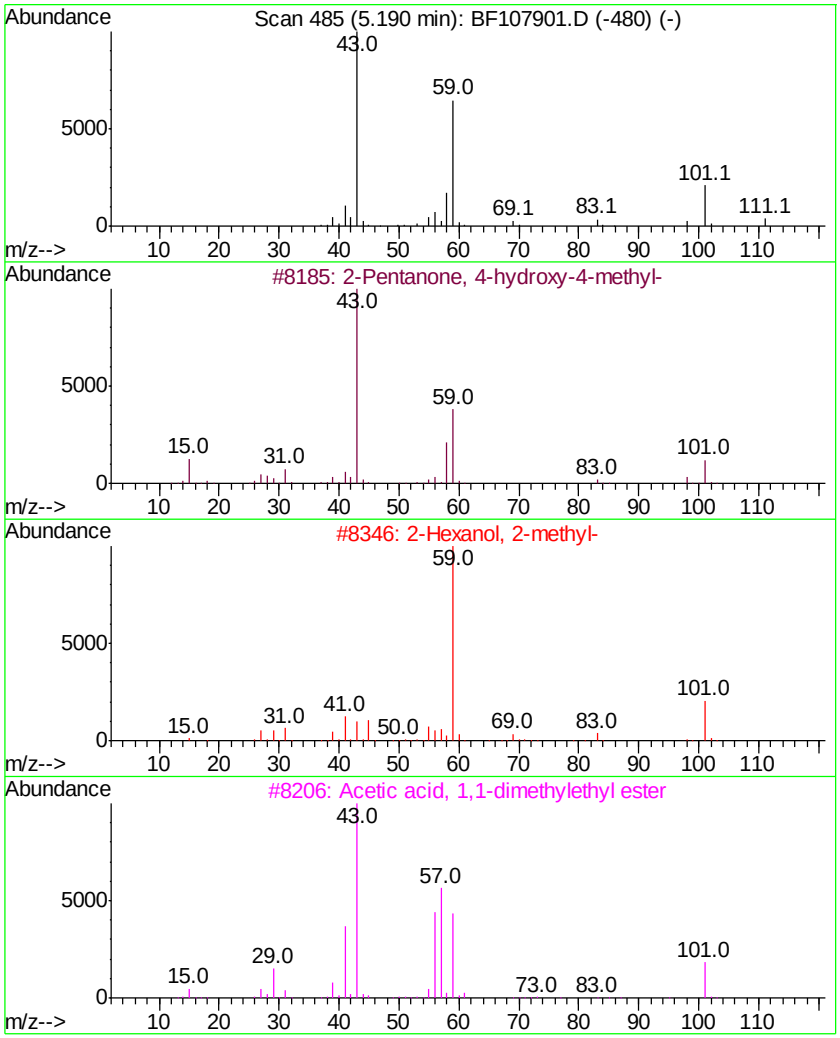
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

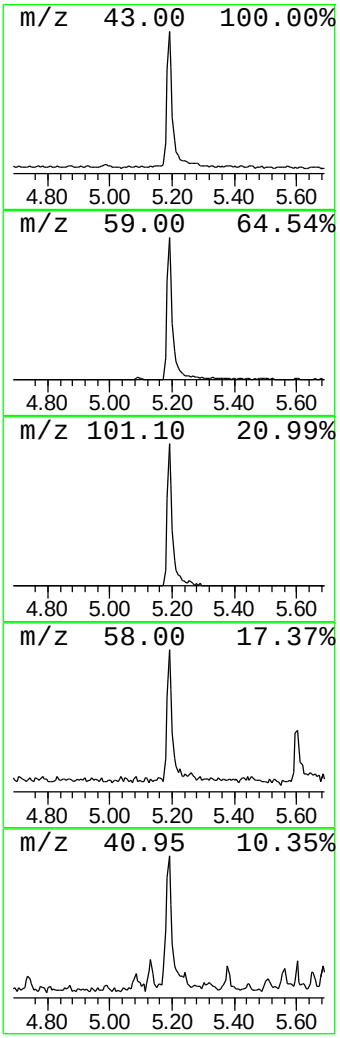
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.19	6.55 ng	302277	1,4-Dichlorobenzene-d4	6.96

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	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	38
4	1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	25
5	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	23





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080118\
Data File : BF107901.D
Acq On : 1 Aug 2018 20:44
Operator : JU/SJ
Sample : J4256-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-A01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

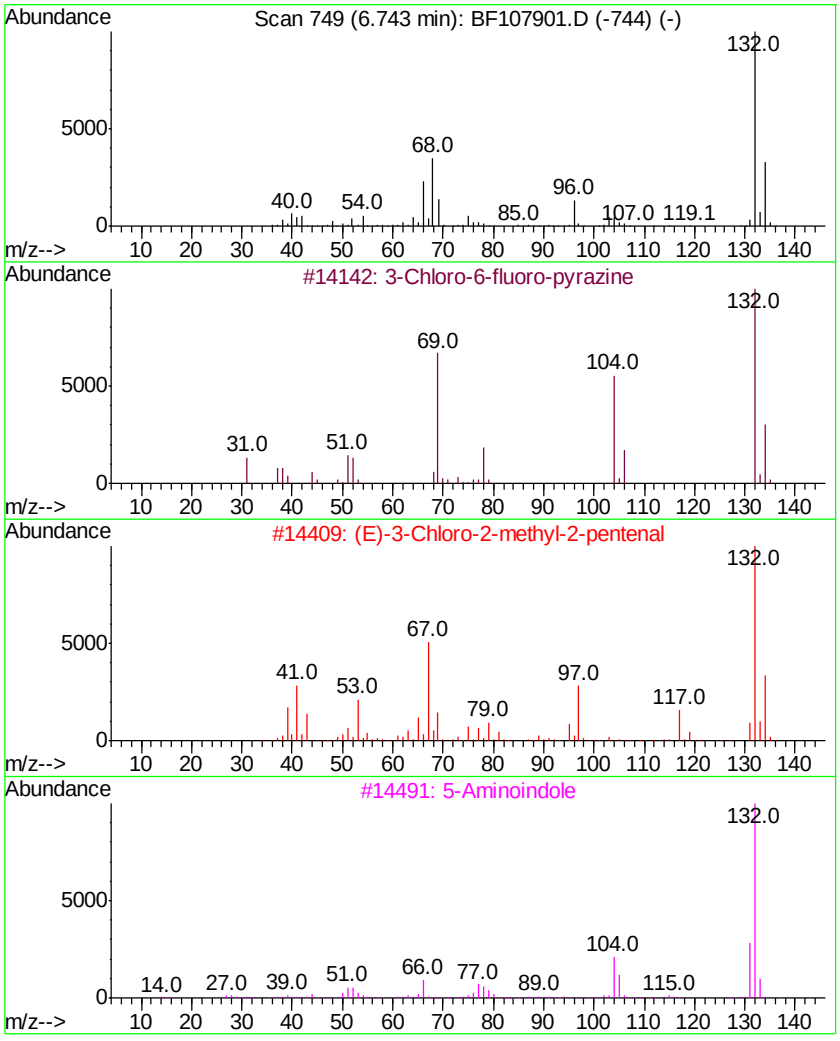
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

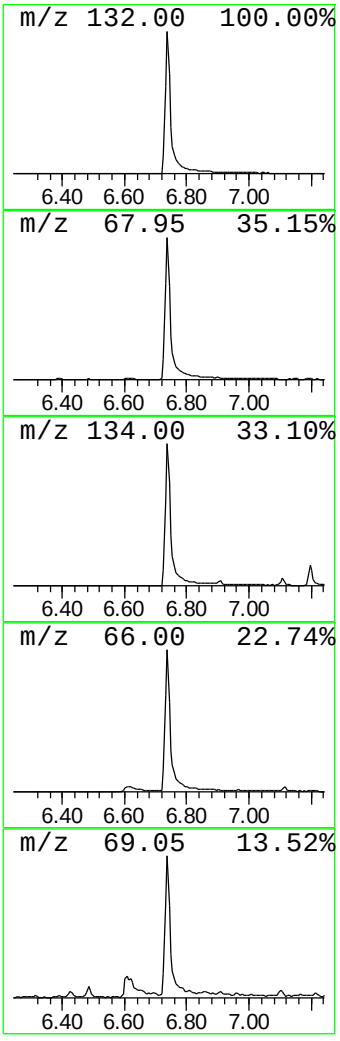
****

Peak Number 2 unknown6.74 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.74	70.59 ng	3259120	1,4-Dichlorobenzene-d4	6.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080118\
Data File : BF107901.D
Acq On : 1 Aug 2018 20:44
Operator : JU/SJ
Sample : J4256-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-A01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

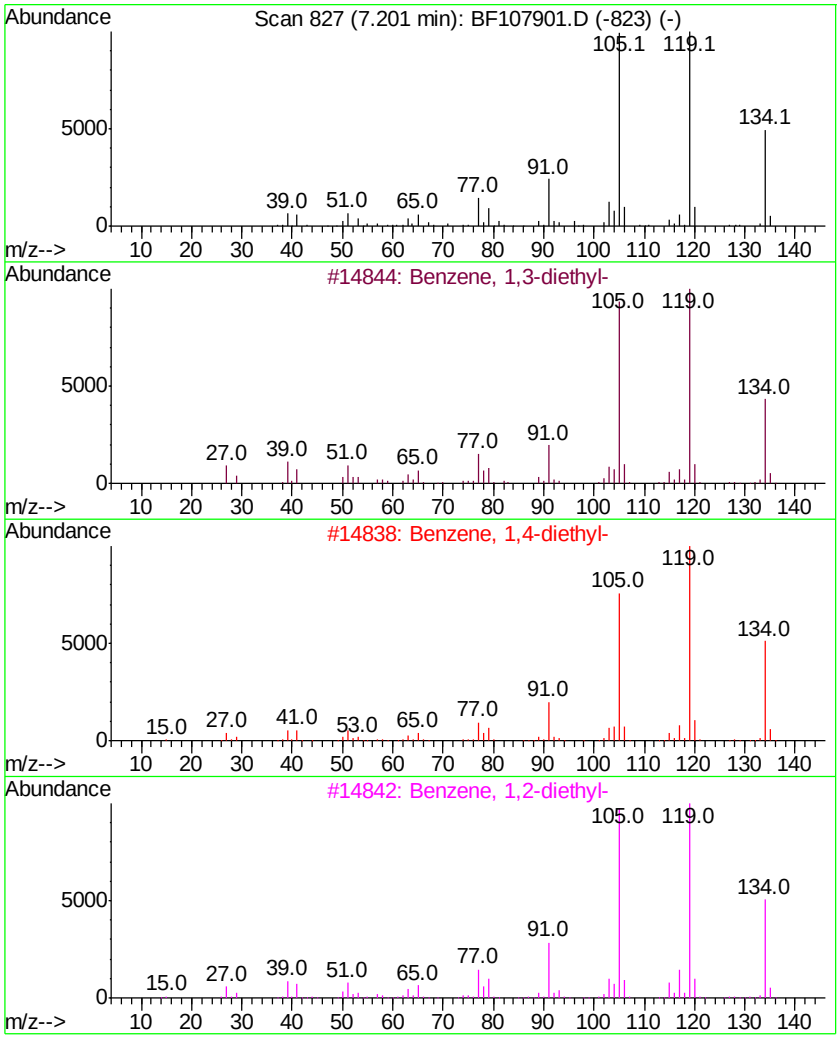
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

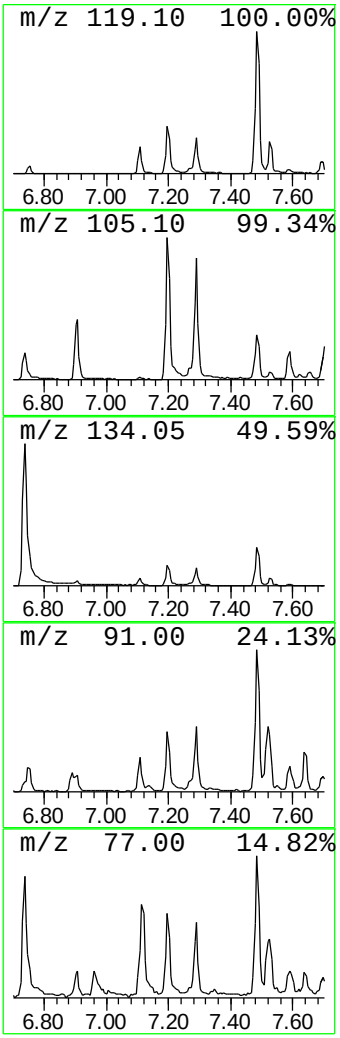
****

Peak Number 4 Benzene, 1,3-diethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.20	9.76 ng	450568	1,4-Dichlorobenzene-d4	6.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	97
2	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	96
3	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	94
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	90
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080118\
Data File : BF107901.D
Acq On : 1 Aug 2018 20:44
Operator : JU/SJ
Sample : J4256-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-A01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

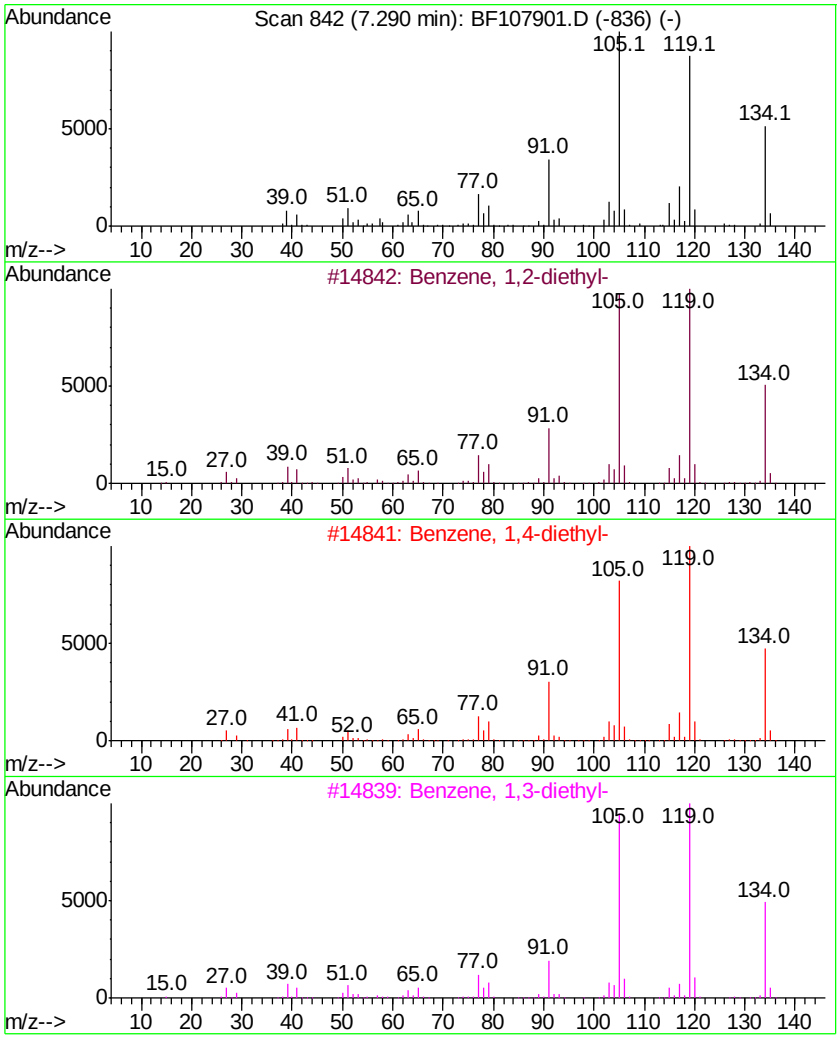
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

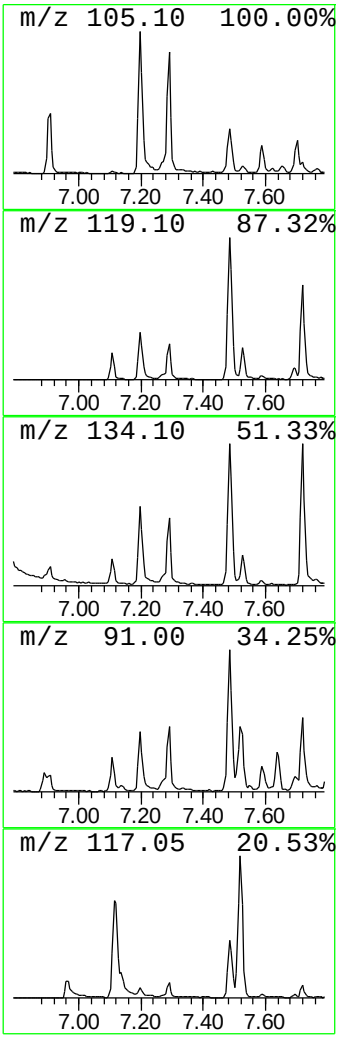
****

Peak Number 5 Benzene, 1,2-diethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.29	6.70 ng	309268	1,4-Dichlorobenzene-d4	6.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	97
2	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	95
3	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	90
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	87
5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	74





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080118\
Data File : BF107901.D
Acq On : 1 Aug 2018 20:44
Operator : JU/SJ
Sample : J4256-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-A01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

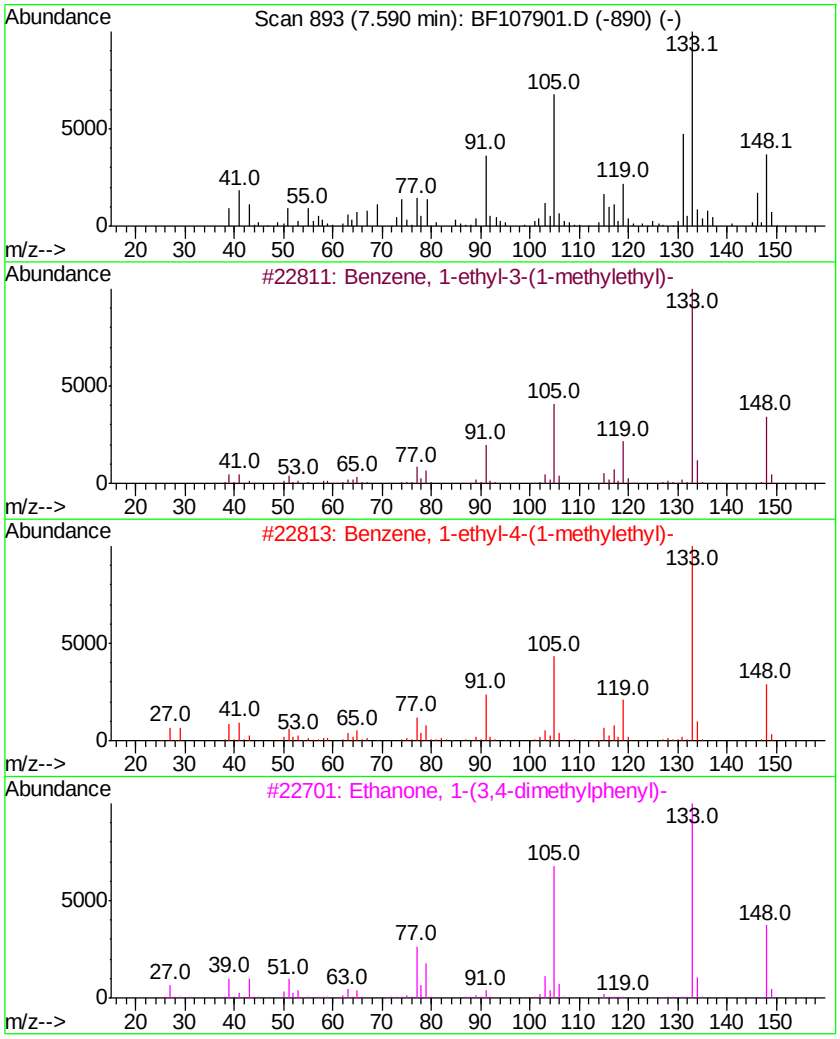
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

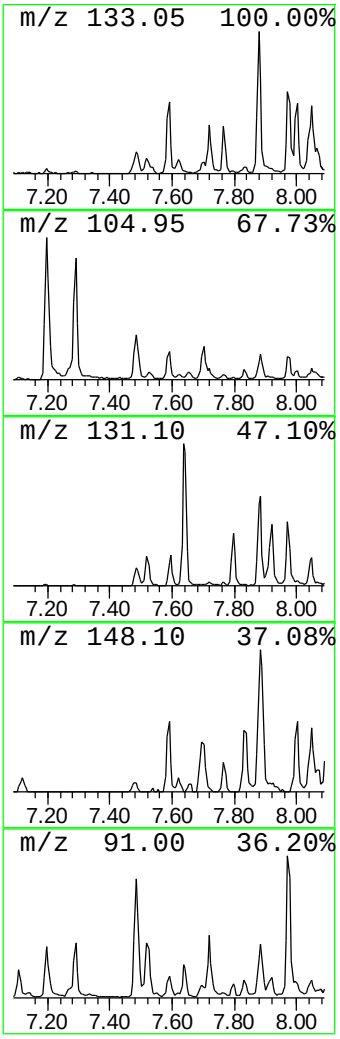
****

Peak Number 6 Benzene, 1-ethyl-3-(1-methy... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.59	10.18 ng	469797	1,4-Dichlorobenzene-d4	6.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-(1-methylethyl)-	148	C11H16	004920-99-4	70
2	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	70
3	Ethanone, 1-(3,4-dimethylphenyl)-	148	C10H12O	003637-01-2	55
4	Ethanone, 1-(2,4-dimethylphenyl)-	148	C10H12O	000089-74-7	55
5	4-tert-Butyltoluene	148	C11H16	000098-51-1	55





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080118\
Data File : BF107901.D
Acq On : 1 Aug 2018 20:44
Operator : JU/SJ
Sample : J4256-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-A01

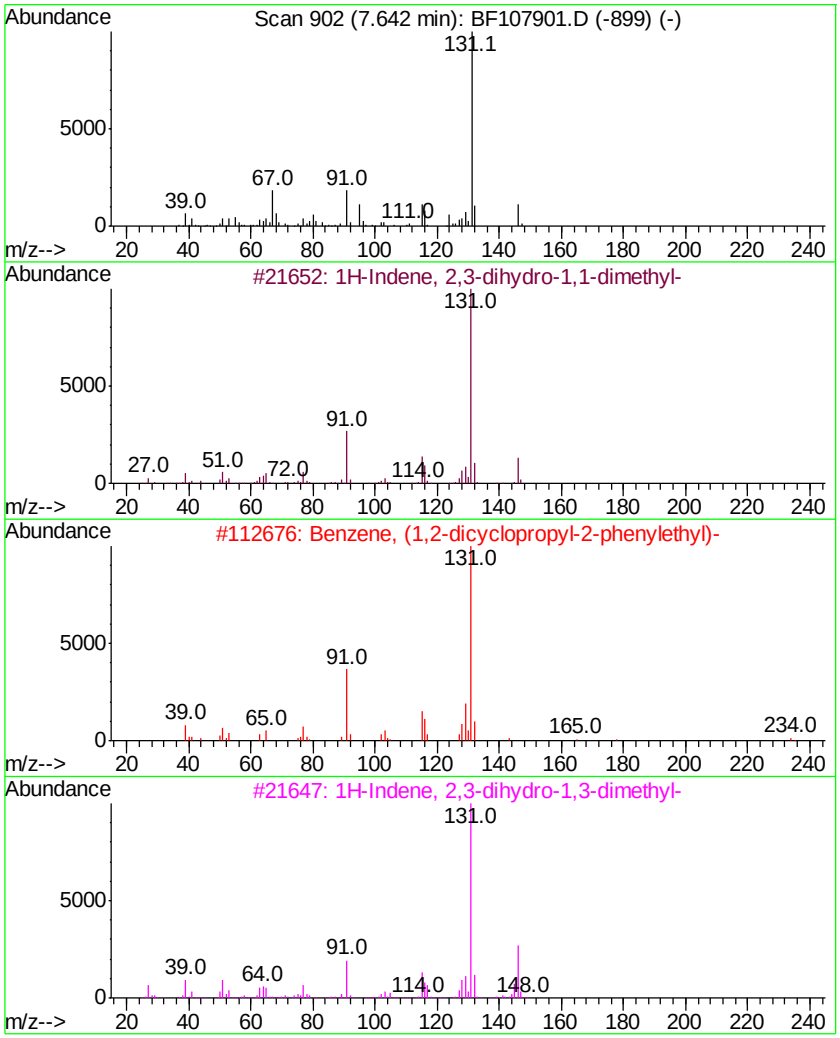
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

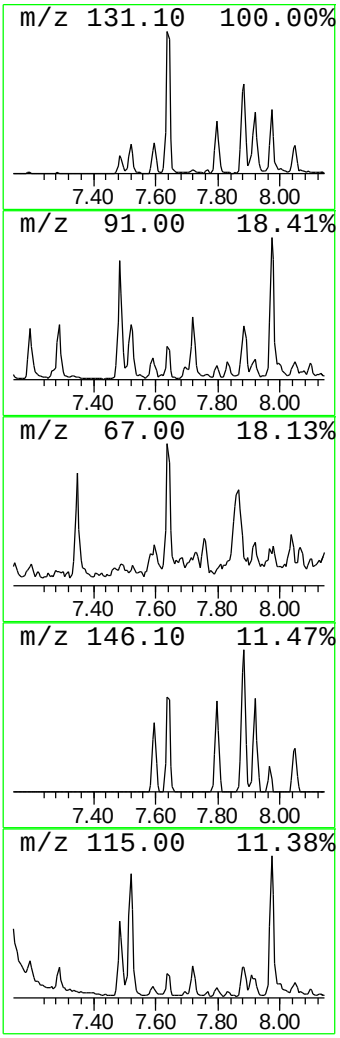
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 1H-Indene, 2,3-dihydro-1,1-... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.64	3.87 ng	235933	Naphthalene-d8	8.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	89
2	Benzene, (1,2-dicyclopropyl-2-ph...	262	C20H22	110330-90-0	40
3	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	38
4	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	38
5	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	38





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080118\
Data File : BF107901.D
Acq On : 1 Aug 2018 20:44
Operator : JU/SJ
Sample : J4256-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-A01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

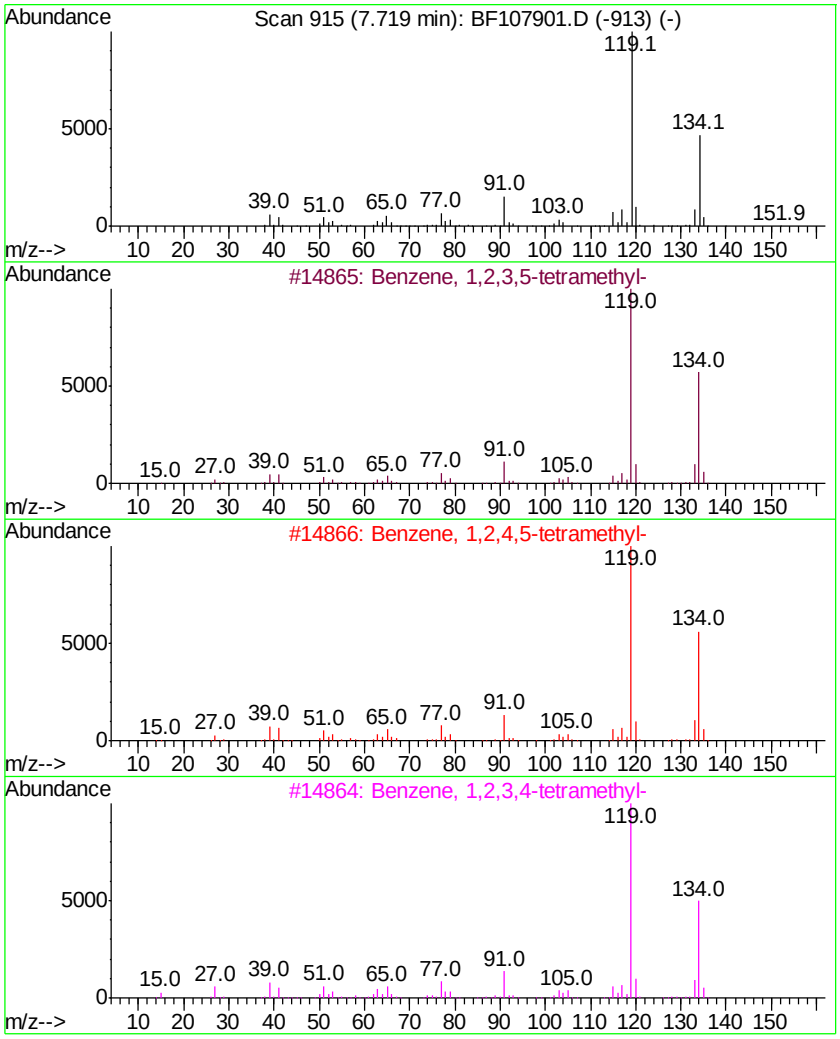
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

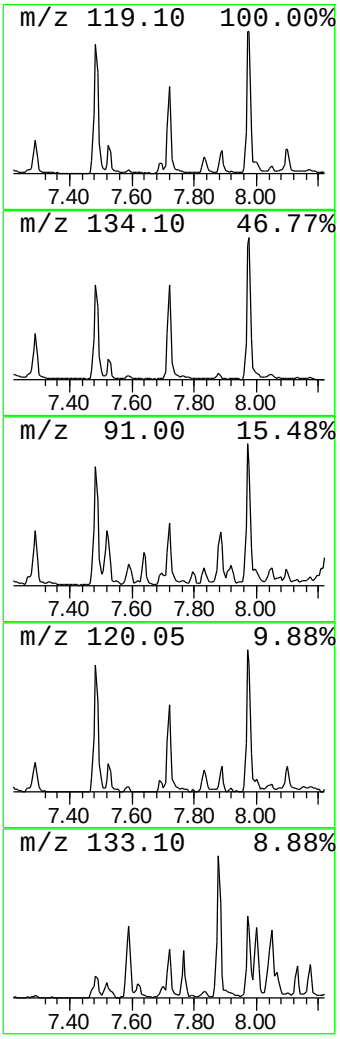
****

Peak Number 8 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.72	5.55 ng	338158	Naphthalene-d8	8.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	97
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
4	o-Cymene	134	C10H14	000527-84-4	94
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080118\
Data File : BF107901.D
Acq On : 1 Aug 2018 20:44
Operator : JU/SJ
Sample : J4256-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-A01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

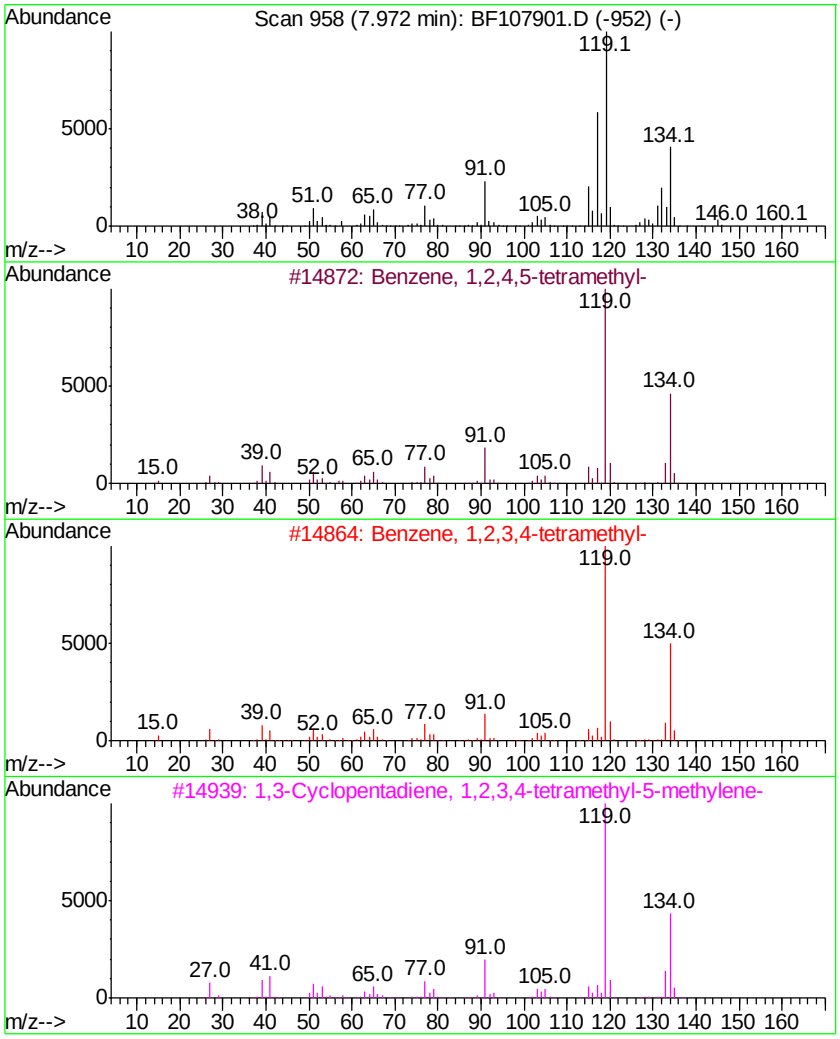
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

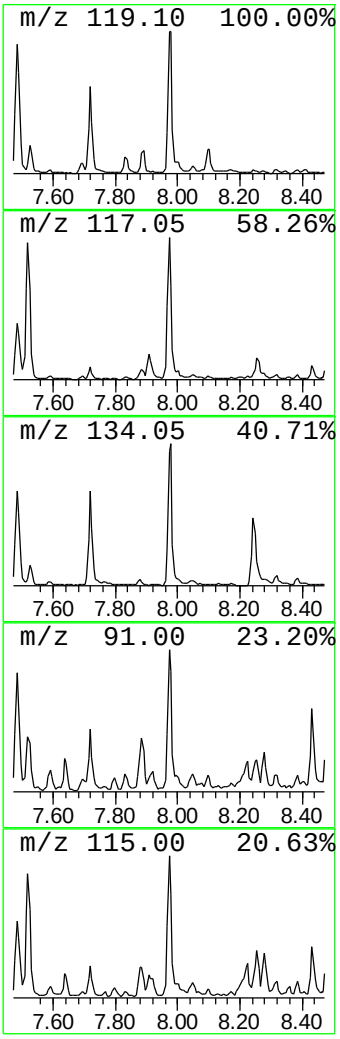
****

Peak Number 9 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.97	16.41 ng	999987	Naphthalene-d8	8.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	91
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	64
3	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	64
4	o-Cymene	134	C10H14	000527-84-4	60
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	60





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080118\
Data File : BF107901.D
Acq On : 1 Aug 2018 20:44
Operator : JU/SJ
Sample : J4256-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-A01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

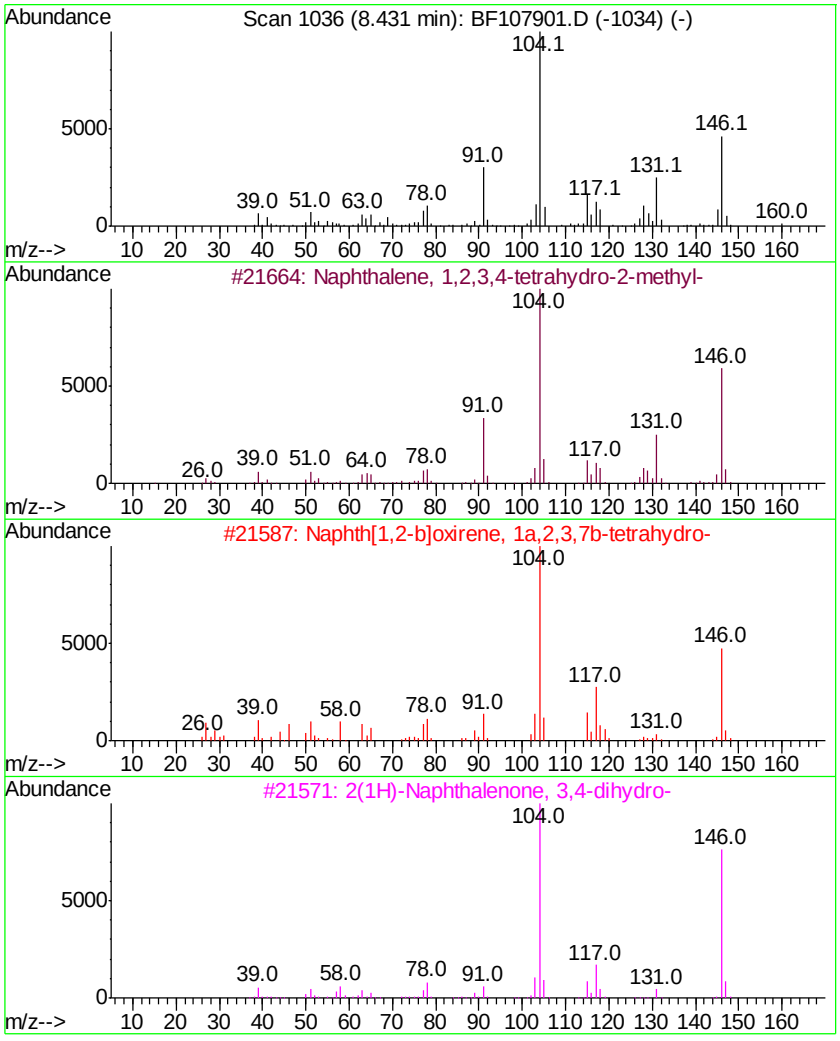
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

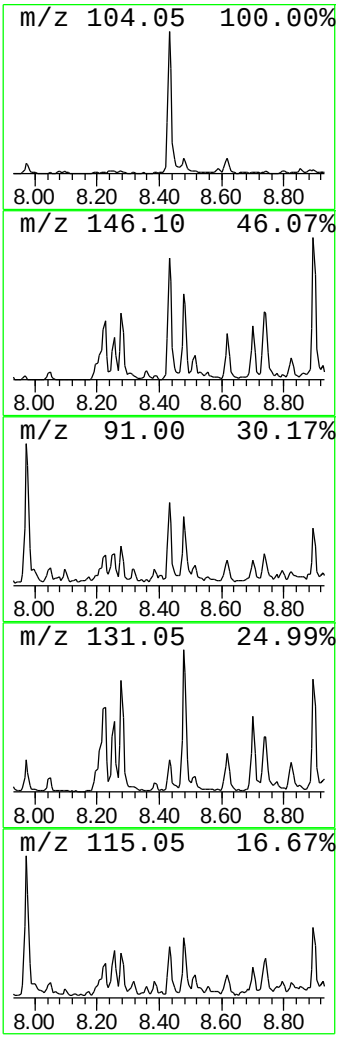
****

Peak Number 10 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.43	6.44 ng	392153	Naphthalene-d8	8.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	96
2	Naphth[1,2-b]oxirene, 1a,2,3,7b-...	146	C10H10O	002461-34-9	62
3	2(1H)-Naphthalenone, 3,4-dihydro-	146	C10H10O	000530-93-8	59
4	2-Methylbenzyl cyanide	131	C9H9N	022364-68-7	46
5	Benzene, 1,1'-(1,2-cyclobutanedi...	208	C16H16	007694-30-6	35





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080118\
Data File : BF107901.D
Acq On : 1 Aug 2018 20:44
Operator : JU/SJ
Sample : J4256-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-A01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

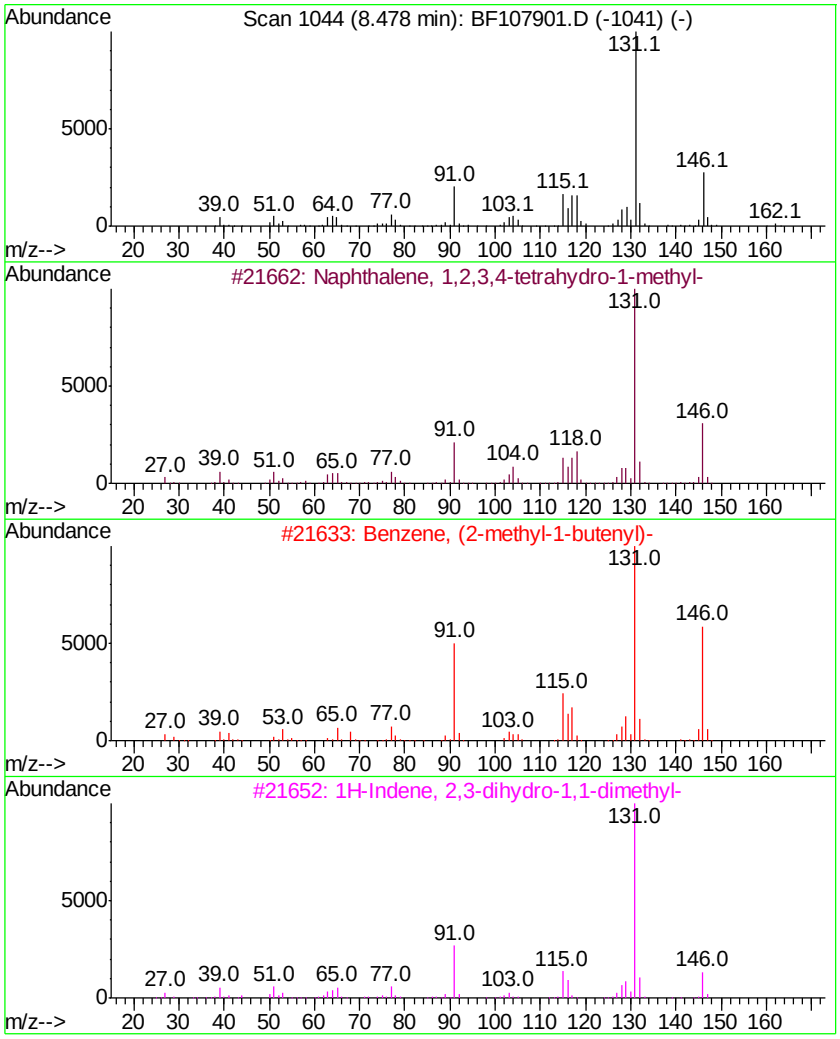
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

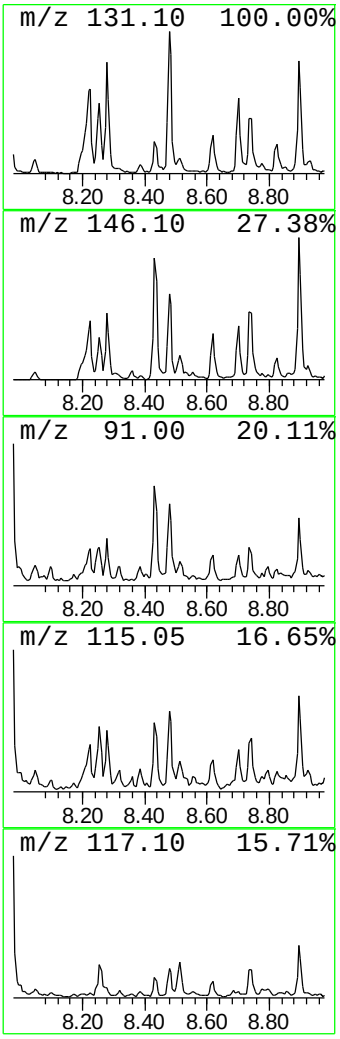
****

Peak Number 11 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.48	6.69 ng	407895	Naphthalene-d8	8.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	94
2	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	93
3	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	90
4	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	90
5	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080118\
Data File : BF107901.D
Acq On : 1 Aug 2018 20:44
Operator : JU/SJ
Sample : J4256-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-A01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

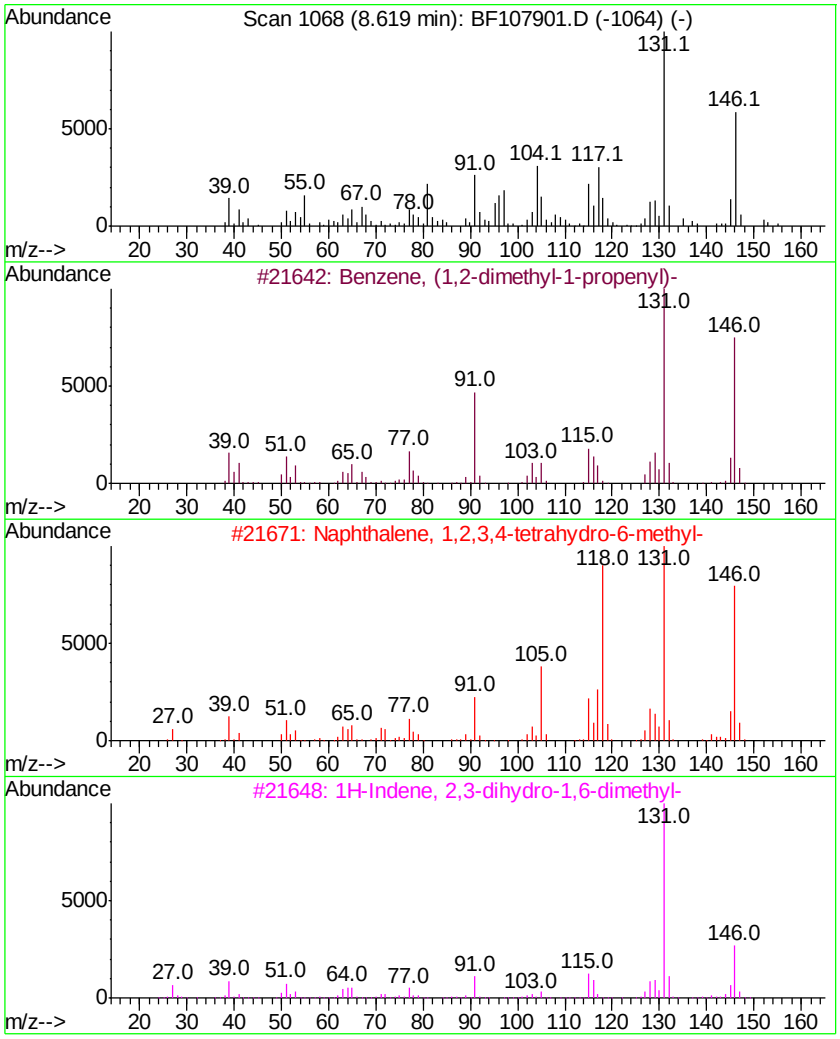
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

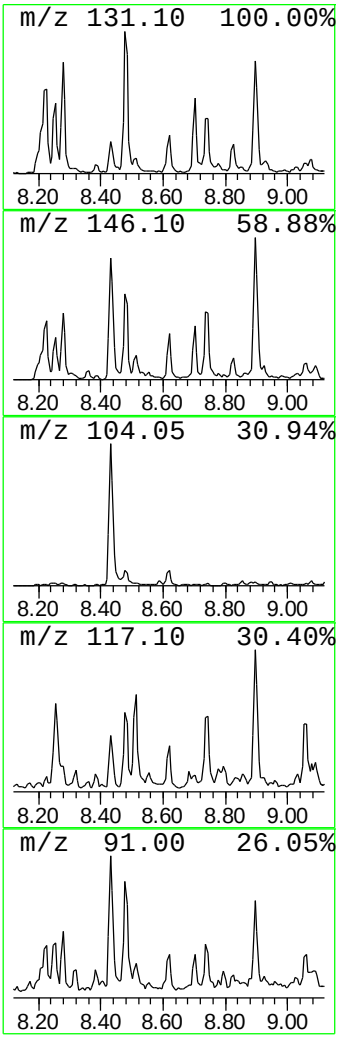
****

Peak Number 12 Benzene, (1,2-dimethyl-1-pr... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.62	4.13 ng	251396	Naphthalene-d8	8.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	94
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	90
3	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	89
4	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	87
5	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	81





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080118\
Data File : BF107901.D
Acq On : 1 Aug 2018 20:44
Operator : JU/SJ
Sample : J4256-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-A01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

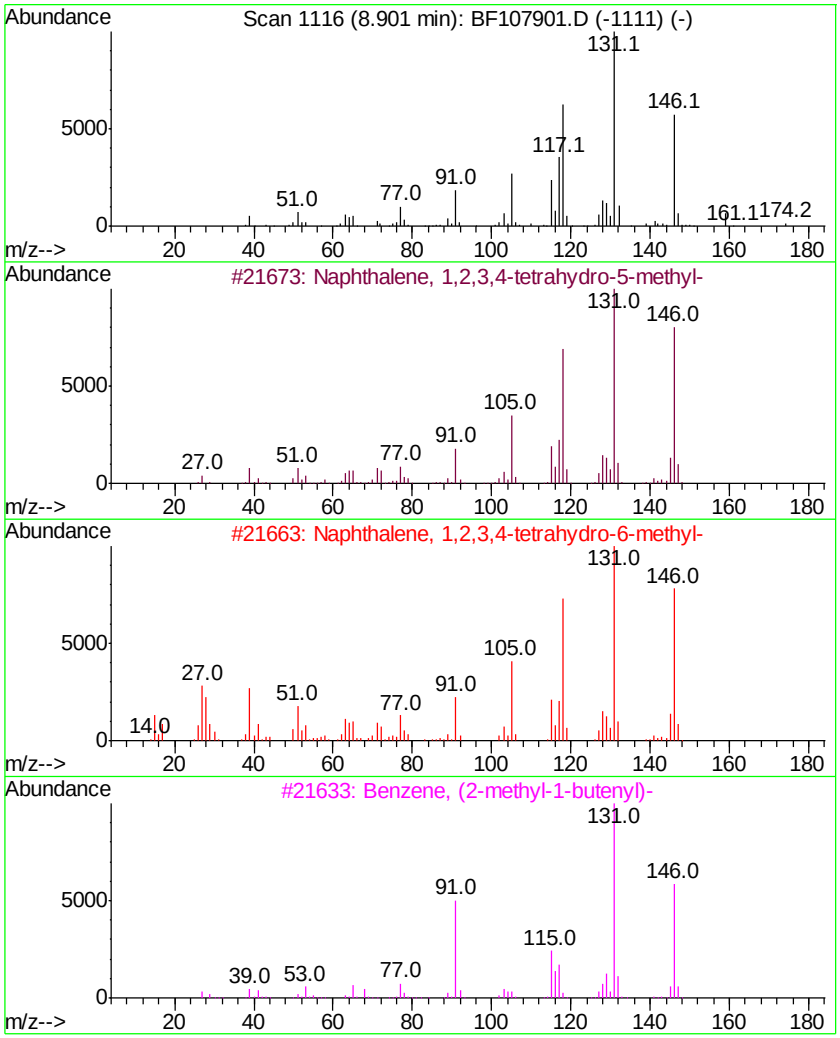
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

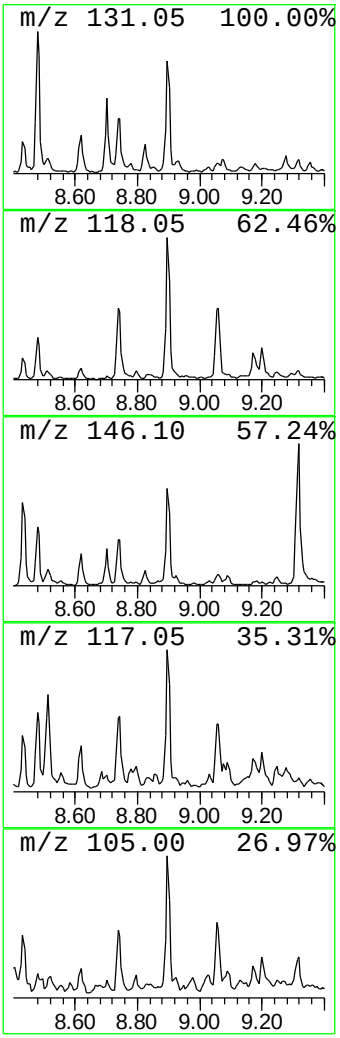
****

Peak Number 13 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.90	5.97 ng	363963	Naphthalene-d8	8.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	95
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	81
3	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	70
4	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	64
5	1H-Inden-1-one, 2,3-dihydro-2-me...	146	C10H10O	017496-14-9	62





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080118\
Data File : BF107901.D
Acq On : 1 Aug 2018 20:44
Operator : JU/SJ
Sample : J4256-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-A01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

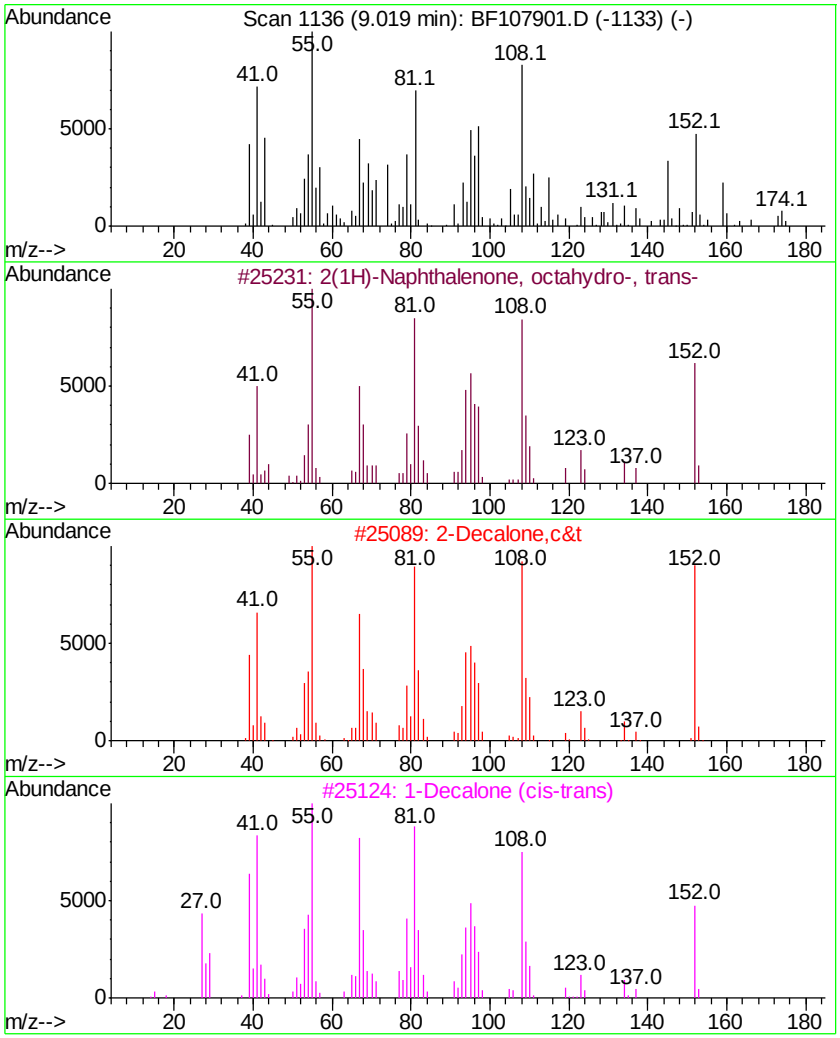
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

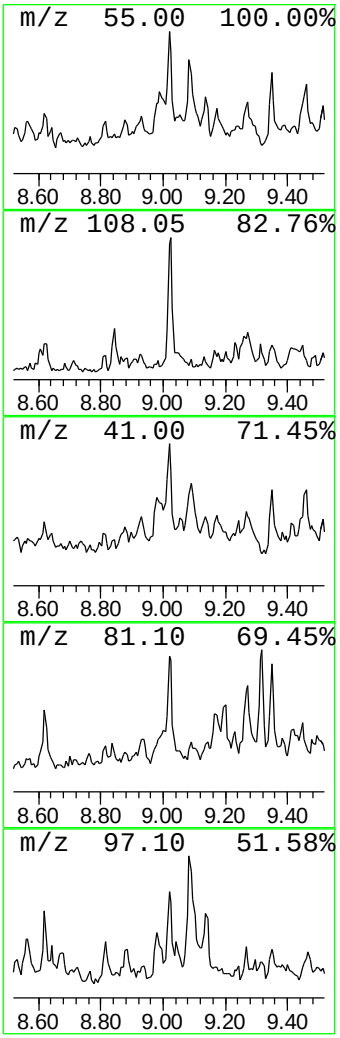
****

Peak Number 14 2(1H)-Naphthalenone, octahy... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.02	3.87 ng	236092	Naphthalene-d8	8.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2(1H)-Naphthalenone, octahydro-,...	152	C10H16O	016021-08-2	64
2	2-Decalone,c&t	152	C10H16O	004832-17-1	55
3	1-Decalone (cis-trans)	152	C10H16O	004832-16-0	49
4	1(2H)-Naphthalenone, octahydro-,...	152	C10H16O	1000141-71-1	41
5	Cyclodecene, 1-methyl-	152	C11H20	066633-38-3	41





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080118\
Data File : BF107901.D
Acq On : 1 Aug 2018 20:44
Operator : JU/SJ
Sample : J4256-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-A01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

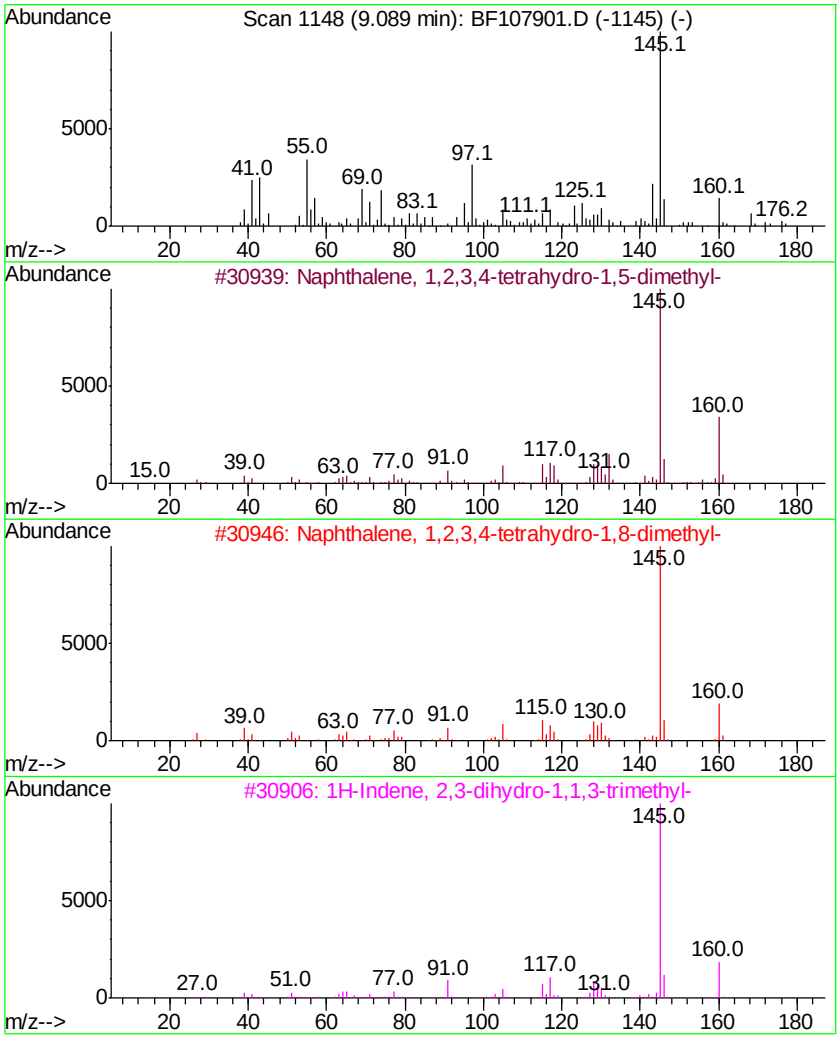
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

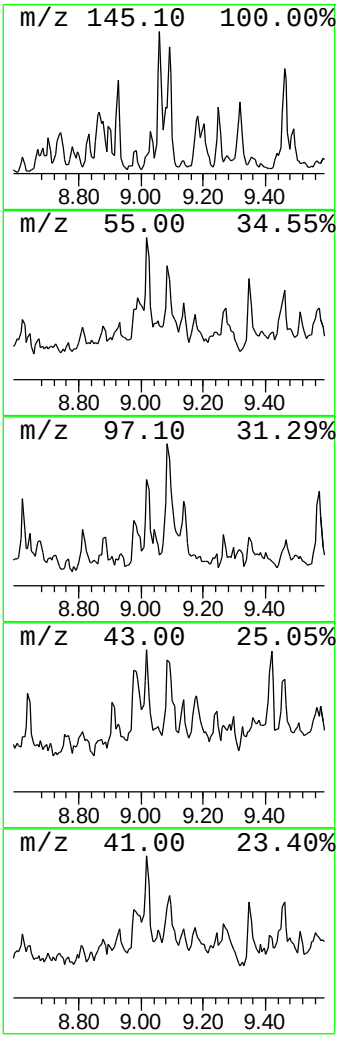
****

Peak Number 15 unknown9.09 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.09	4.20 ng	255898	Naphthalene-d8	8.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-91-0	47
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	025419-33-4	47
3	1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	46
4	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001985-59-7	43
5	2H-1-Benzopyran, 2,2-dimethyl-	160	C11H12O	002513-25-9	43





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080118\
Data File : BF107901.D
Acq On : 1 Aug 2018 20:44
Operator : JU/SJ
Sample : J4256-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-A01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

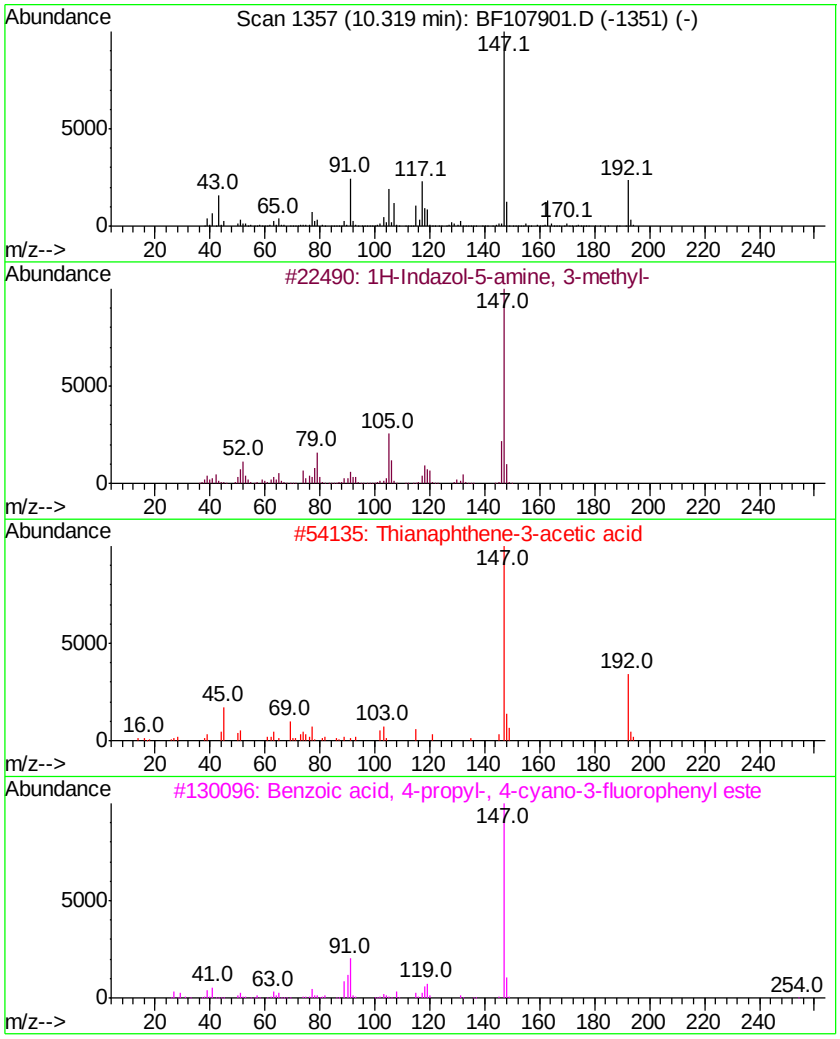
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

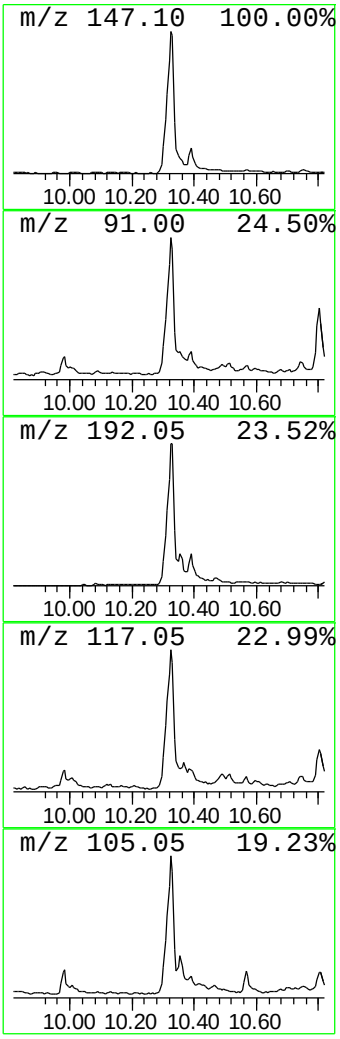
****

Peak Number 16 1H-Indazol-5-amine, 3-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.32	31.59 ng	2354470	Acenaphthene-d10	10.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indazol-5-amine, 3-methyl-	147	C8H9N3	1000338-20-2	50
2	Thianaphthene-3-acetic acid	192	C10H8O2S	001131-09-5	43
3	Benzoic acid, 4-propyl-, 4-cyano...	283	C17H14FNO2	086776-51-4	43
4	Benzoic acid, 4-propyl-, 4-cyano...	265	C17H15NO2	056131-49-8	43
5	1(3H)-Isobenzofuranone, 3,3-dime...	162	C10H10O2	001689-09-4	43





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080118\
Data File : BF107901.D
Acq On : 1 Aug 2018 20:44
Operator : JU/SJ
Sample : J4256-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-A01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

****

Peak Number 17 Phthalic acid, 3-methylbenz... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.35	4.93 ng	367399	Acenaphthene-d10	10.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phthalic acid, 3-methylbenzyl pr...	312	C19H20O4	1000371-10-8	53
2	2-n-Propyl[1,3,2]dioxarsinane	192	C6H13AsO2	1000322-39-7	38
3	1,3-Dioxolane, 2-phenyl-	150	C9H10O2	000936-51-6	37
4	1,3-Dioxolane, 2-phenyl-2-(pheny...	240	C16H16O2	004362-19-0	32
5	Benzoic acid, 2-(2-chlorophenoxy...	276	C15H13ClO3	1000368-25-9	32