LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110117\
Data File : BF100067.D
Acq On : 2 Nov 2017 1:25
Operator : SJ/JU
Sample : I6207-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-02

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-BF102317.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	4.992	491	494	509	rBV	51925	79486	5.10%	0.678%
2	5.416	563	566	600	rBV	153698	288676	18.52%	2.463%
3	6.434	737	739	756	rBV	109701	211847	13.59%	1.807%
4	6.551	756	759	765	rVV	628574	670389	43.01%	5.719%
5	6.598	765	767	773	rVB	65587	60299	3.87%	0.514%
6	6.775	794	797	804	rBV	458384	451867	28.99%	3.855%
7	6.828	804	806	812	rVB2	42874	43871	2.81%	0.374%
8	6.933	820	824	837	rBV	1189511	1065986	68.39%	9.094%
9	7.092	848	851	858	rVB	37819	38643	2.48%	0.330%
10	7.304	885	887	891	rBV	49332	40810	2.62%	0.348%
11	7.351	891	895	904	rVV	793366	756338	48.52%	6.453%
12	7.422	904	907	911	rVB2	17752	22118	1.42%	0.189%
13	7.545	925	928	930	rBV	25512	18858	1.21%	0.161%
14	7.569	930	932	939	rVB	37744	33006	2.12%	0.282%
15	7.704	953	955	958	rBV2	20191	19888	1.28%	0.170%
16	7.733	958	960	965	rVB2	25130	24735	1.59%	0.211%
17	7.798	965	971	973	rBV	105511	106704	6.85%	0.910%
18	7.822	973	975	979	rVB	22034	19644	1.26%	0.168%
19	7.875	979	984	985	rBV3	16646	20407	1.31%	0.174%
20	7.898	985	988	991	rVB	49189	36668	2.35%	0.313%
21	8.063	1007	1016	1019	rBV	747751	676580	43.41%	5.772%
22	8.257	1047	1049	1054	rVB	28415	22612	1.45%	0.193%
23	8.304	1054	1057	1060	rBV2	23014	27256	1.75%	0.233%
24	8.339	1060	1063	1068	rVB4	22958	32432	2.08%	0.277%
25	8.445	1077	1081	1087	rVB3	34606	33540	2.15%	0.286%
26	8.527	1092	1095	1098	rBV	31713	25385	1.63%	0.217%
27	8.563	1098	1101	1104	rBV2	83250	70413	4.52%	0.601%
28	8.651	1113	1116	1119	rBV2	18845	21175	1.36%	0.181%
29	8.722	1125	1128	1131	rVB	39417	33581	2.15%	0.286%
30	8.780	1135	1138	1142	rBV	216312	196889	12.63%	1.680%
31	8.875	1152	1154	1158	rBV2	181428	171113	10.98%	1.460%
32	9.063	1184	1186	1189	rBV3	14798	18252	1.17%	0.156%
33	9.139	1195	1199	1202	rBV	1879285	1558681	100.00%	13.298%
34	9.245	1214	1217	1220	rBV2	27211	26533	1.70%	0.226%

LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110117\
Data File : BF100067.D
Acq On : 2 Nov 2017 1:25
Operator : SJ/JU
Sample : I6207-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-02

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-BF102317.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	9.286	1220	1224	1226	rVB	34691	34019	2.18%	0.290%
36	9.339	1230	1233	1238	rVB	40792	53111	3.41%	0.453%
37	9.404	1239	1244	1249	rBV	114599	165411	10.61%	1.411%
38	9.474	1253	1256	1259	rVV	154366	165977	10.65%	1.416%
39	9.504	1259	1261	1265	rVB	109742	100509	6.45%	0.857%
40	9.598	1273	1277	1285	rVB	76171	100563	6.45%	0.858%
41	9.680	1285	1291	1295	rBV	41204	39782	2.55%	0.339%
42	9.822	1307	1315	1319	rBV	747059	685375	43.97%	5.847%
43	9.863	1319	1322	1324	rVB2	19359	21331	1.37%	0.182%
44	9.927	1329	1333	1336	rBV	42093	56993	3.66%	0.486%
45	10.022	1346	1349	1353	rVV2	56366	57760	3.71%	0.493%
46	10.063	1353	1356	1359	rVB	64585	54135	3.47%	0.462%
47	10.139	1365	1369	1372	rBV	47027	49000	3.14%	0.418%
48	10.169	1372	1374	1379	rVV	42268	35554	2.28%	0.303%
49	10.227	1379	1384	1386	rVV	33826	50013	3.21%	0.427%
50	10.245	1386	1387	1393	rVB	29224	27740	1.78%	0.237%
51	10.363	1403	1407	1408	rBV	23962	22265	1.43%	0.190%
52	10.380	1408	1410	1415	rVB4	19389	22809	1.46%	0.195%
53	10.439	1415	1420	1421	rBV	37762	37717	2.42%	0.322%
54	10.539	1434	1437	1440	rVB2	37766	33214	2.13%	0.283%
55	10.621	1447	1451	1460	rVV	417031	439880	28.22%	3.753%
56	10.733	1463	1470	1476	rVB5	16053	33008	2.12%	0.282%
57	10.951	1505	1507	1511	rBV2	25696	25493	1.64%	0.217%
58	11.321	1566	1570	1573	rBV	580836	530706	34.05%	4.528%
59	11.345	1573	1574	1580	rVB	24912	19046	1.22%	0.162%
60	12.998	1851	1855	1859	rBV	1088649	1098146	70.45%	9.369%
61	14.280	2069	2073	2082	rVB	384382	423538	27.17%	3.613%
62	16.145	2385	2390	2396	rBV	313246	413560	26.53%	3.528%

Sum of corrected areas: 11721337

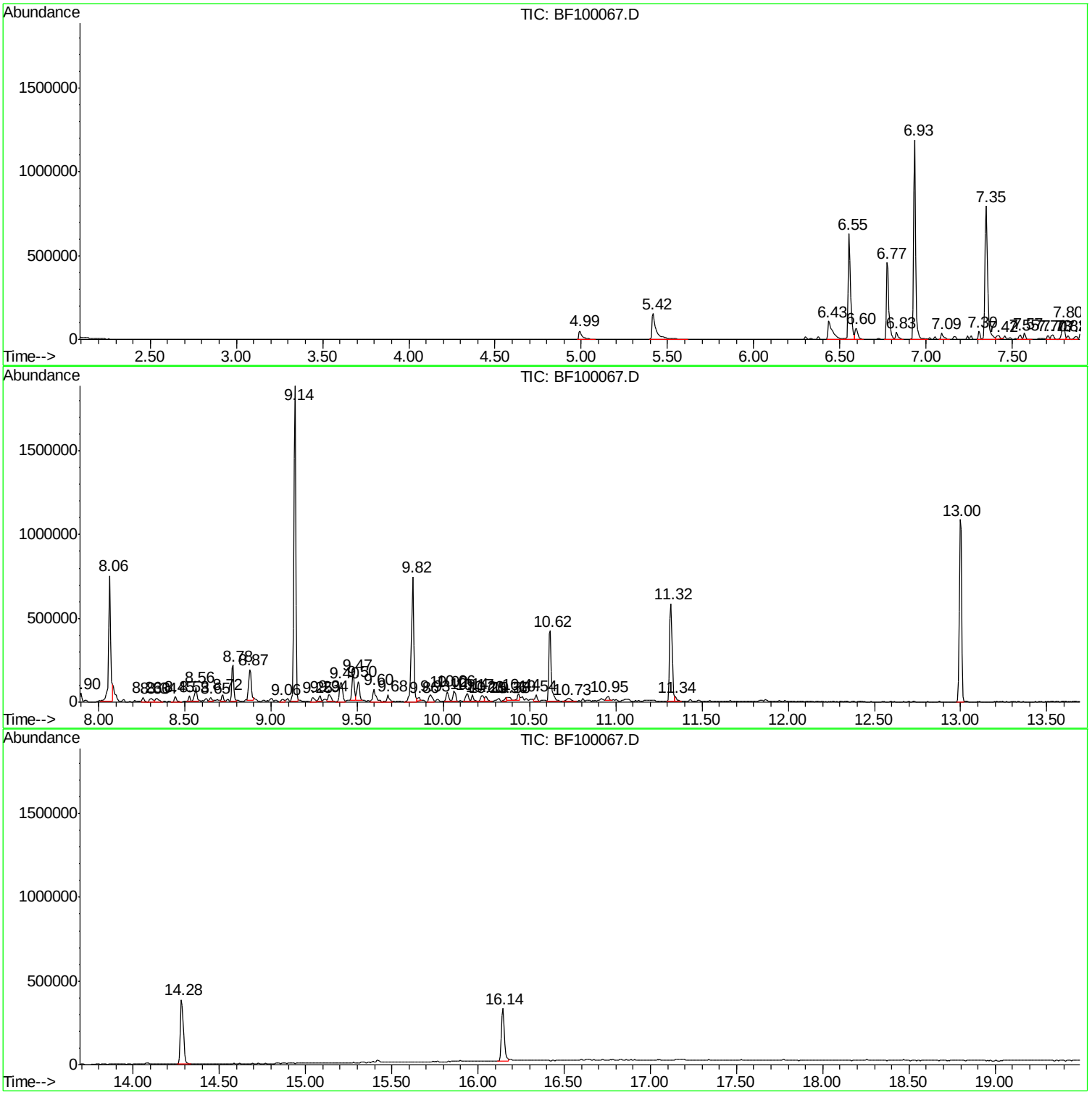
LSC Report - Integrated Chromatogram

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110117\
Data File : BF100067.D
Acq On : 2 Nov 2017 1:25
Operator : SJ/JU
Sample : I6207-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-02

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.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\BF110117\
Data File : BF100067.D
Acq On : 2 Nov 2017 1:25
Operator : SJ/JU
Sample : I6207-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-02

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

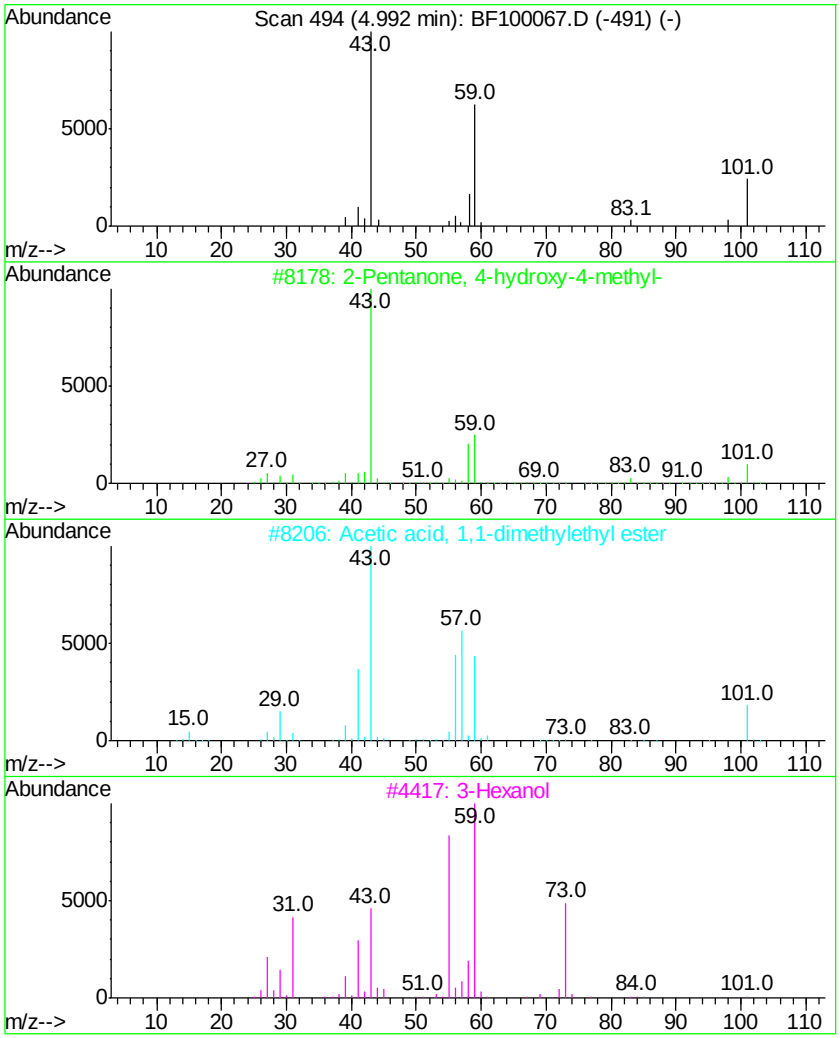
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

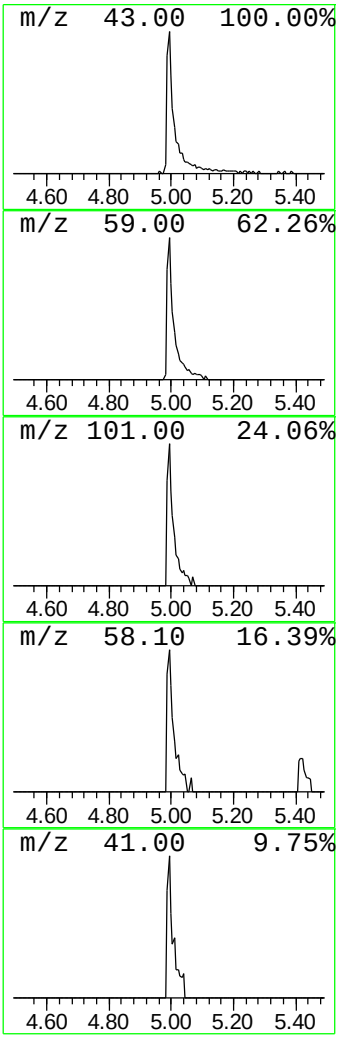
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.99	3.52 ng	79486	1,4-Dichlorobenzene-d4	6.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	3-Hexanol	102	C6H14O	000623-37-0	28
4	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	25
5	5-Hexen-2-one	98	C6H10O	000109-49-9	9





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110117\
Data File : BF100067.D
Acq On : 2 Nov 2017 1:25
Operator : SJ/JU
Sample : I6207-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-02

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

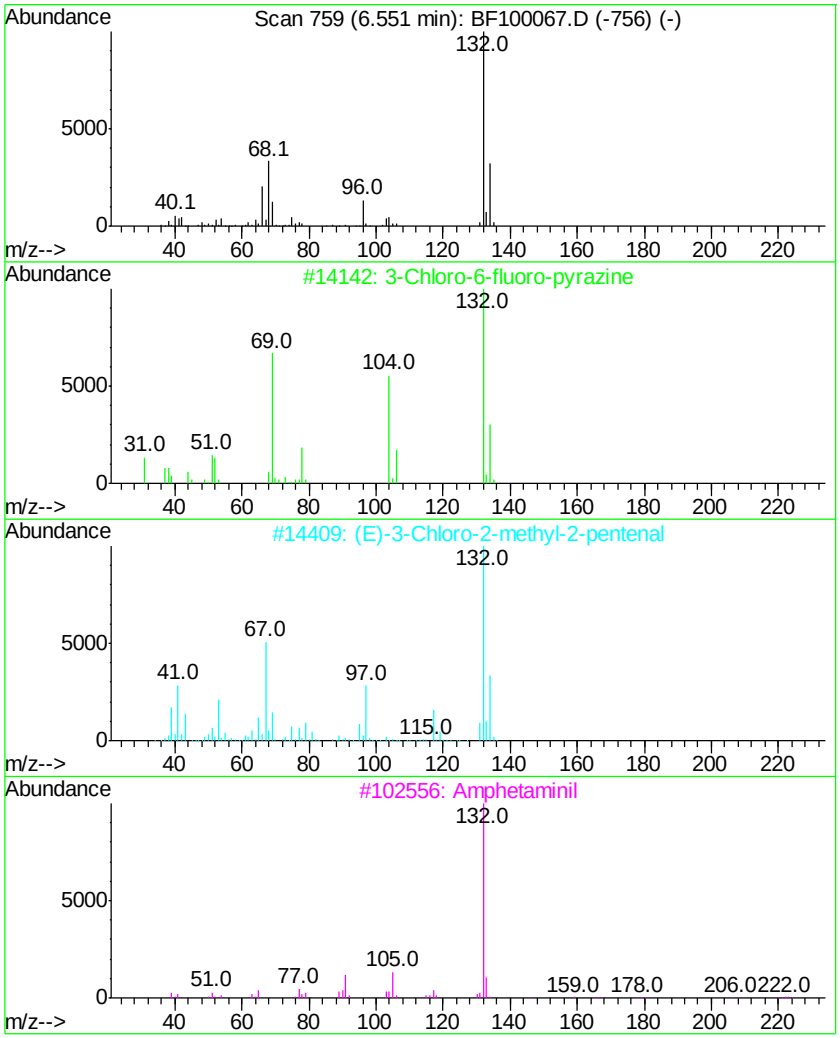
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

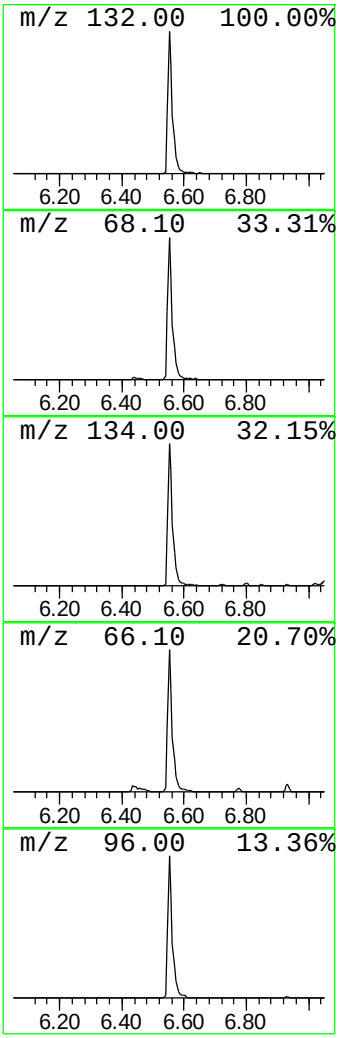
****

Peak Number 2 unknown6.55 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.55	29.67 ng	670389	1,4-Dichlorobenzene-d4	6.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
3	Amphetaminil	250	C17H18N2	017590-01-1	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110117\
Data File : BF100067.D
Acq On : 2 Nov 2017 1:25
Operator : SJ/JU
Sample : I6207-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-02

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.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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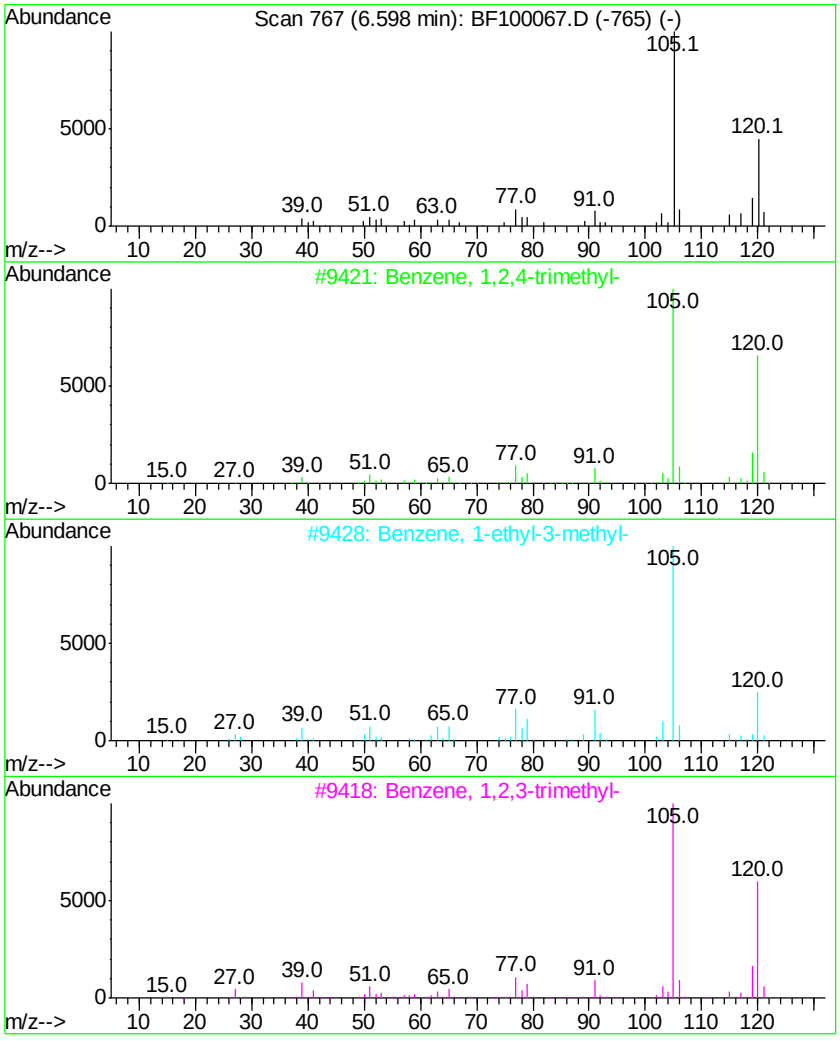
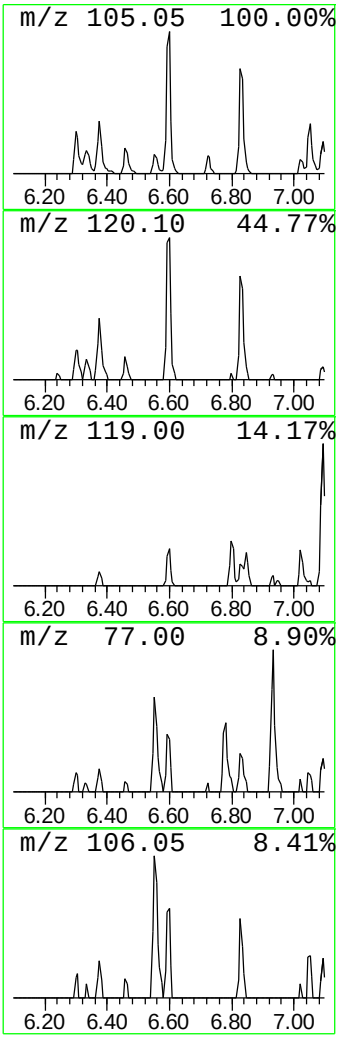
Peak Number 3 Benzene, 1,2,4-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.60	2.67 ng	60299	1,4-Dichlorobenzene-d4	6.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	90
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	87
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	81
4	Mesitylene	120	C9H12	000108-67-8	81
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	74





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110117\
Data File : BF100067.D
Acq On : 2 Nov 2017 1:25
Operator : SJ/JU
Sample : I6207-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-02

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.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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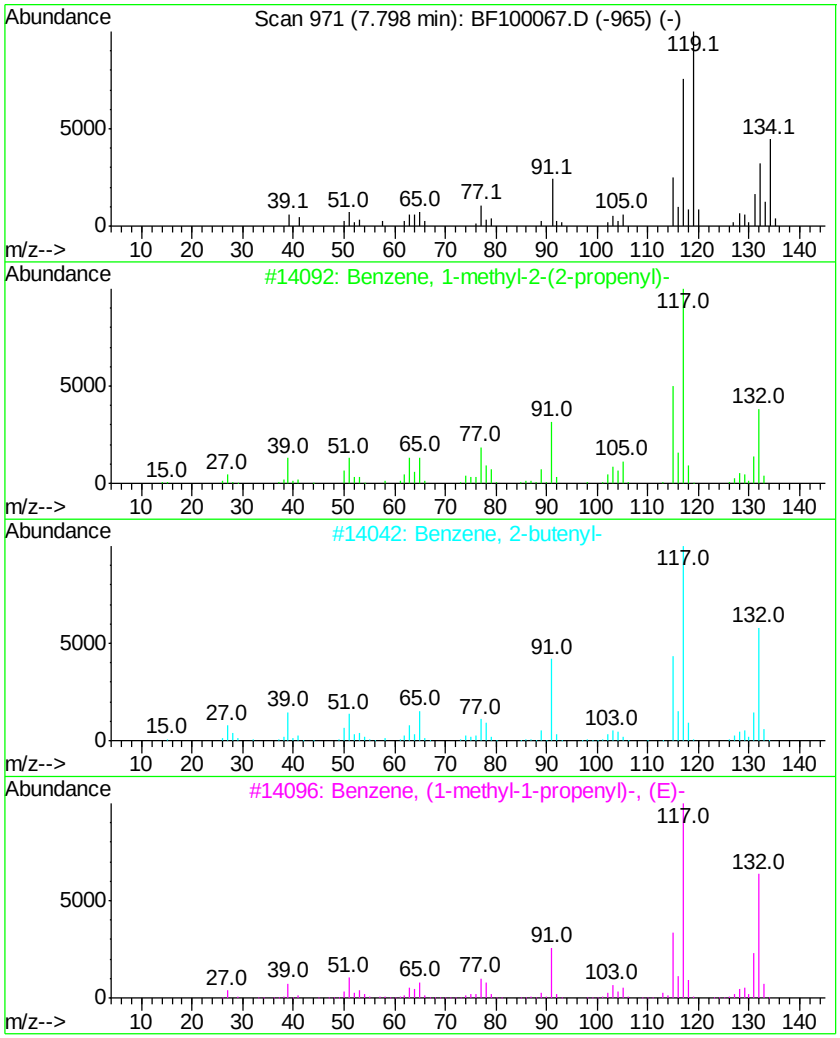
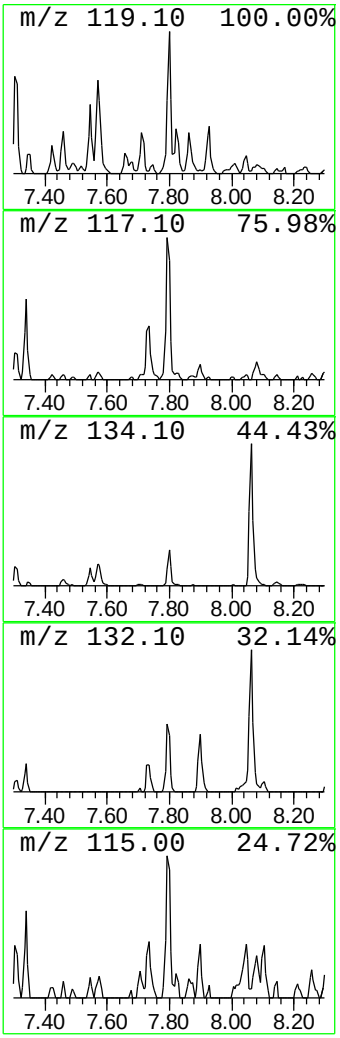
Peak Number 5 Benzene, 1-methyl-2-(2-prop... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.80	3.15 ng	106704	Naphthalene-d8	8.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	87
2	Benzene, 2-butenyl-	132	C10H12	001560-06-1	64
3	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	50
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	50
5	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	50





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110117\
Data File : BF100067.D
Acq On : 2 Nov 2017 1:25
Operator : SJ/JU
Sample : I6207-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-02

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

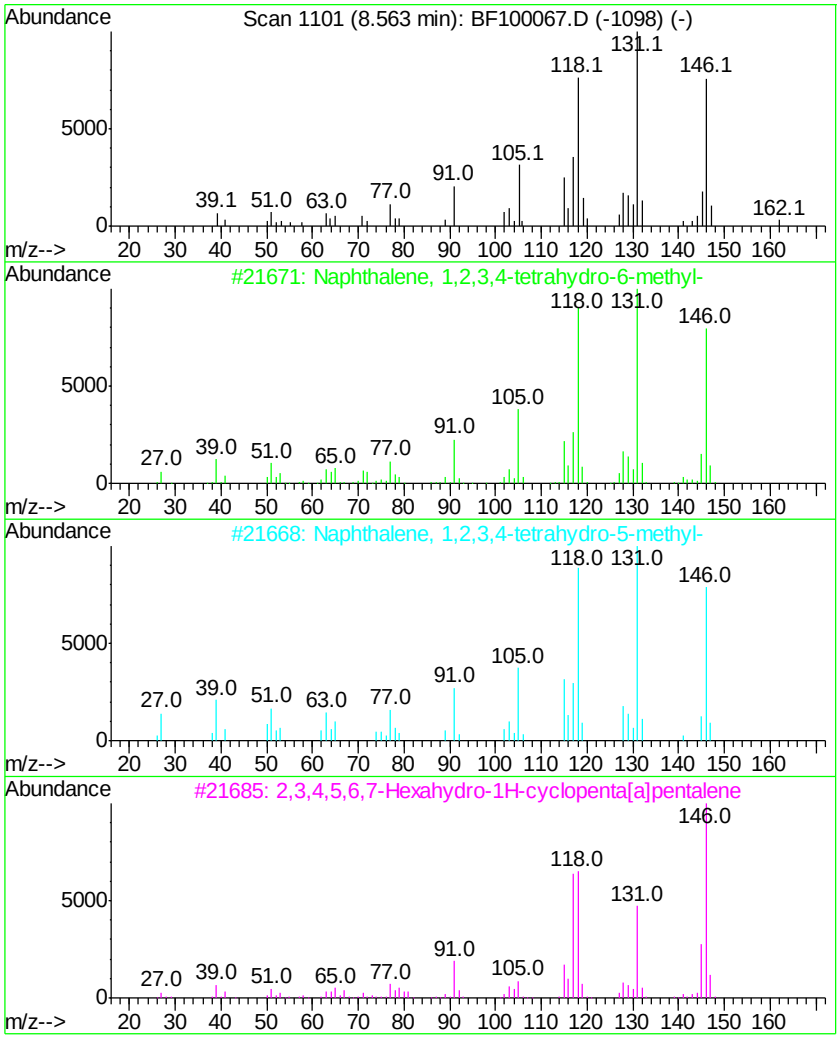
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

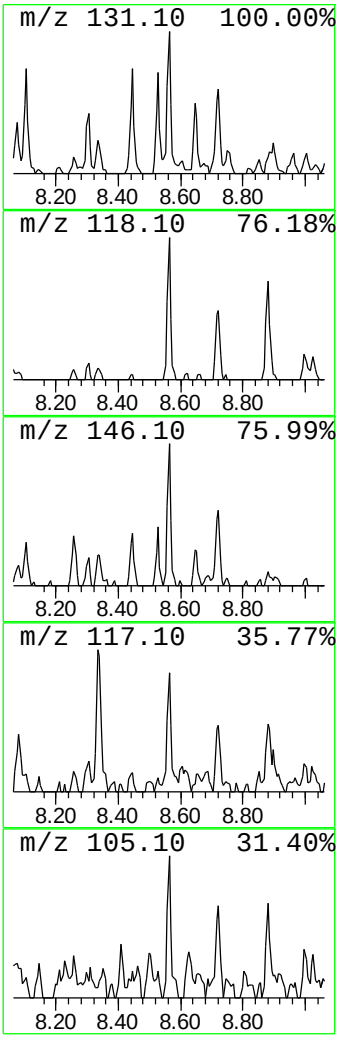
****

Peak Number 6 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.56	2.08 ng	70413	Naphthalene-d8	8.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	98
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	96
3	2,3,4,5,6,7-Hexahydro-1H-cyclope...	146	C11H14	1000189-31-0	87
4	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	86
5	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	86





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110117\
Data File : BF100067.D
Acq On : 2 Nov 2017 1:25
Operator : SJ/JU
Sample : I6207-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-02

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

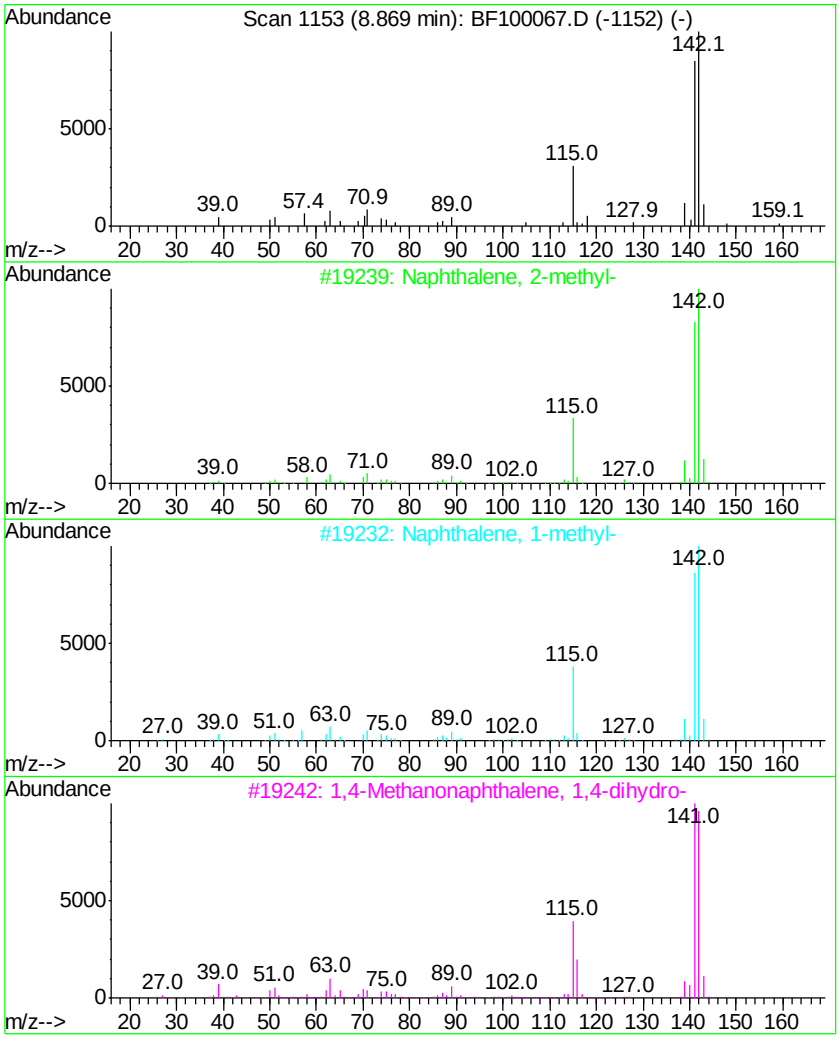
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

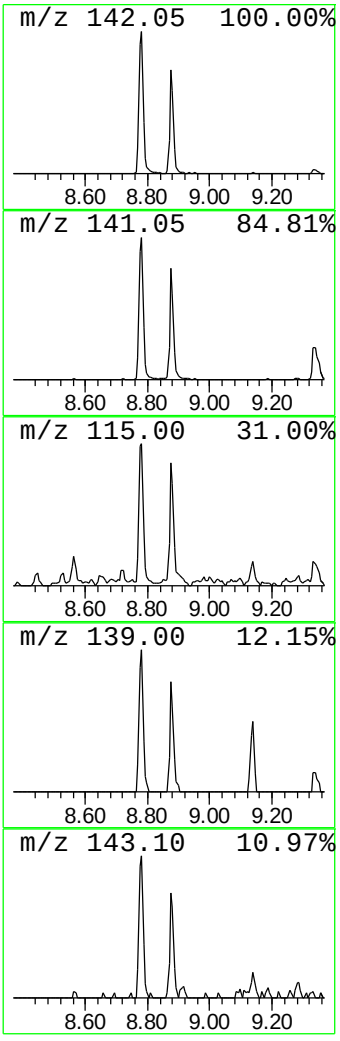
****

Peak Number 7 Naphthalene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.87	5.06 ng	171113	Naphthalene-d8	8.06

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	94
3	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
4	Benzocycloheptatriene	142	C11H10	000264-09-5	91
5	Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	87





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110117\
Data File : BF100067.D
Acq On : 2 Nov 2017 1:25
Operator : SJ/JU
Sample : I6207-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-02

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

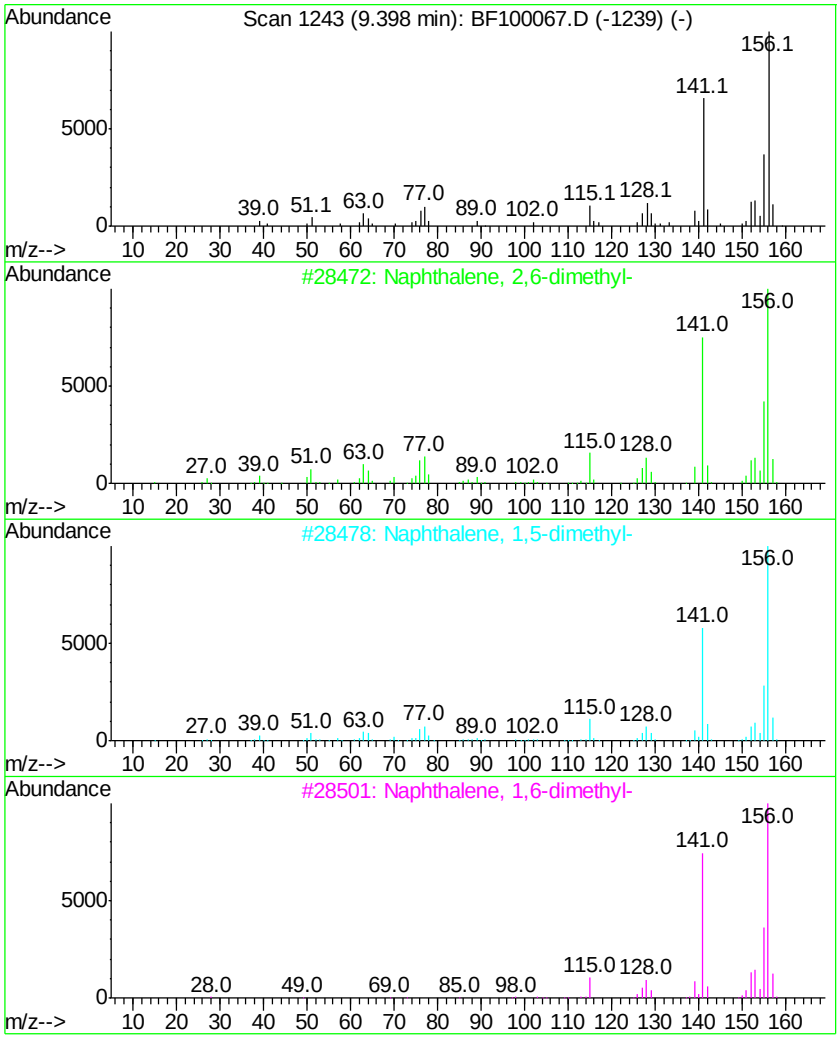
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

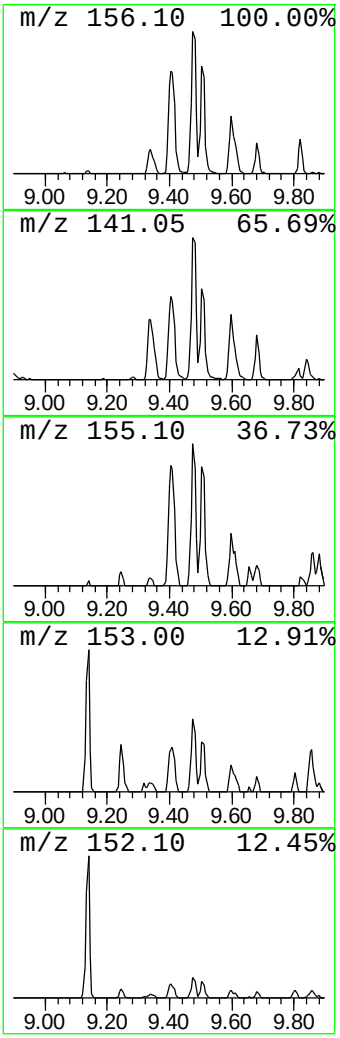
****

Peak Number 8 Naphthalene, 2,6-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.40	4.83 ng	165411	Acenaphthene-d10	9.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
2	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96





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Acq On : 2 Nov 2017 1:25
Operator : SJ/JU
Sample : I6207-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-02

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

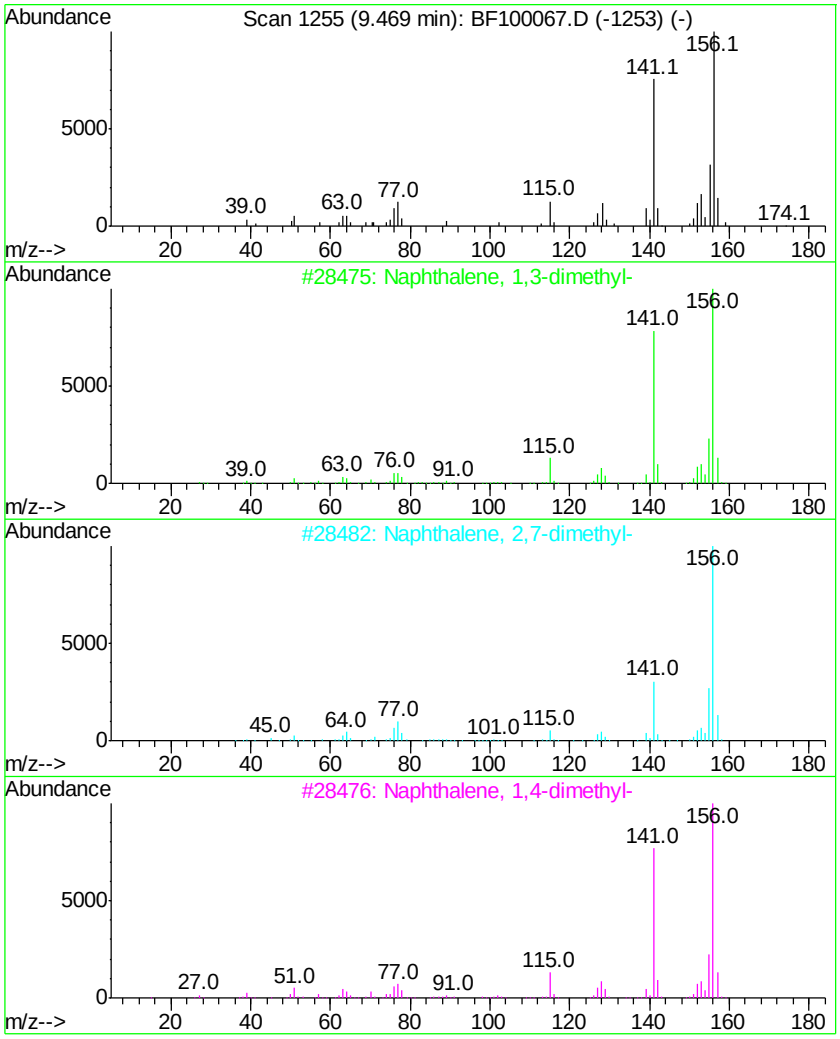
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

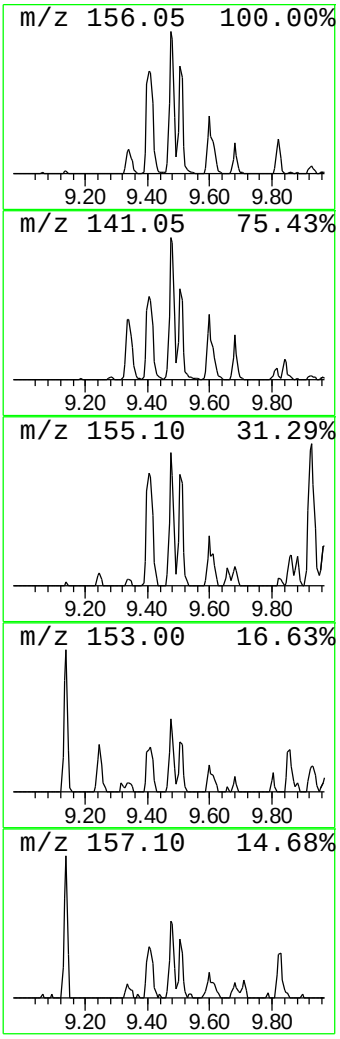
****

Peak Number 9 Naphthalene, 1,3-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.47	4.84 ng	165977	Acenaphthene-d10	9.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110117\
Data File : BF100067.D
Acq On : 2 Nov 2017 1:25
Operator : SJ/JU
Sample : I6207-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-02

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

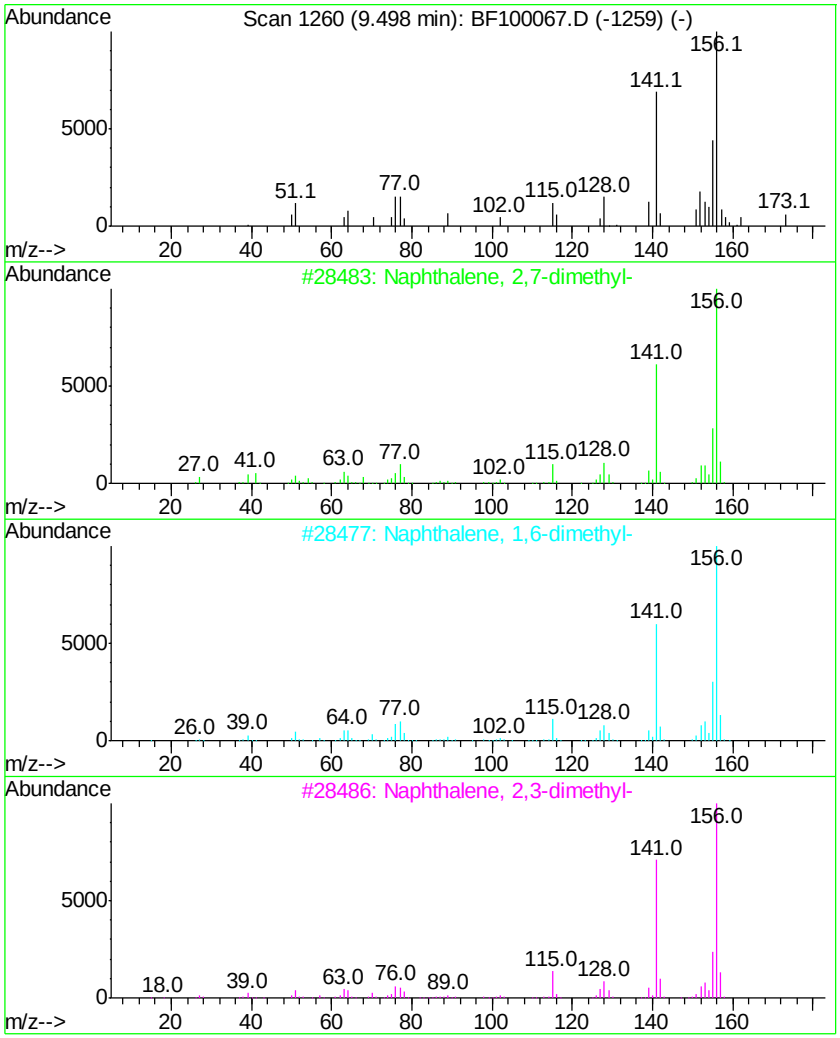
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

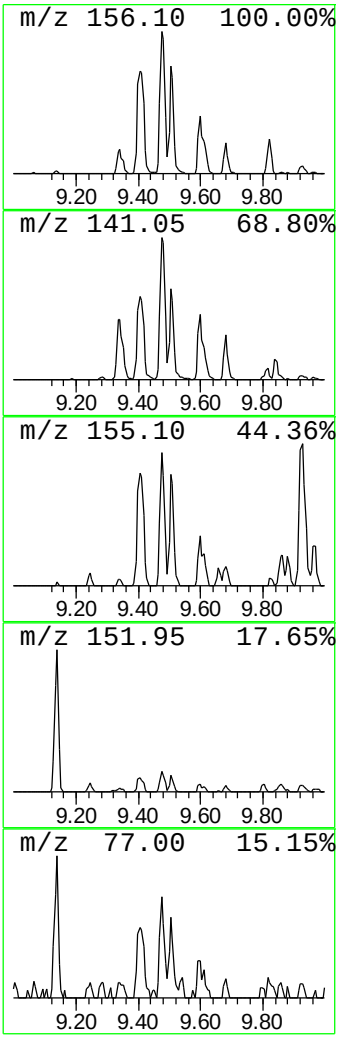
****

Peak Number 10 Naphthalene, 2,7-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.50	2.93 ng	100509	Acenaphthene-d10	9.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96





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Data File : BF100067.D
Acq On : 2 Nov 2017 1:25
Operator : SJ/JU
Sample : I6207-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-02

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.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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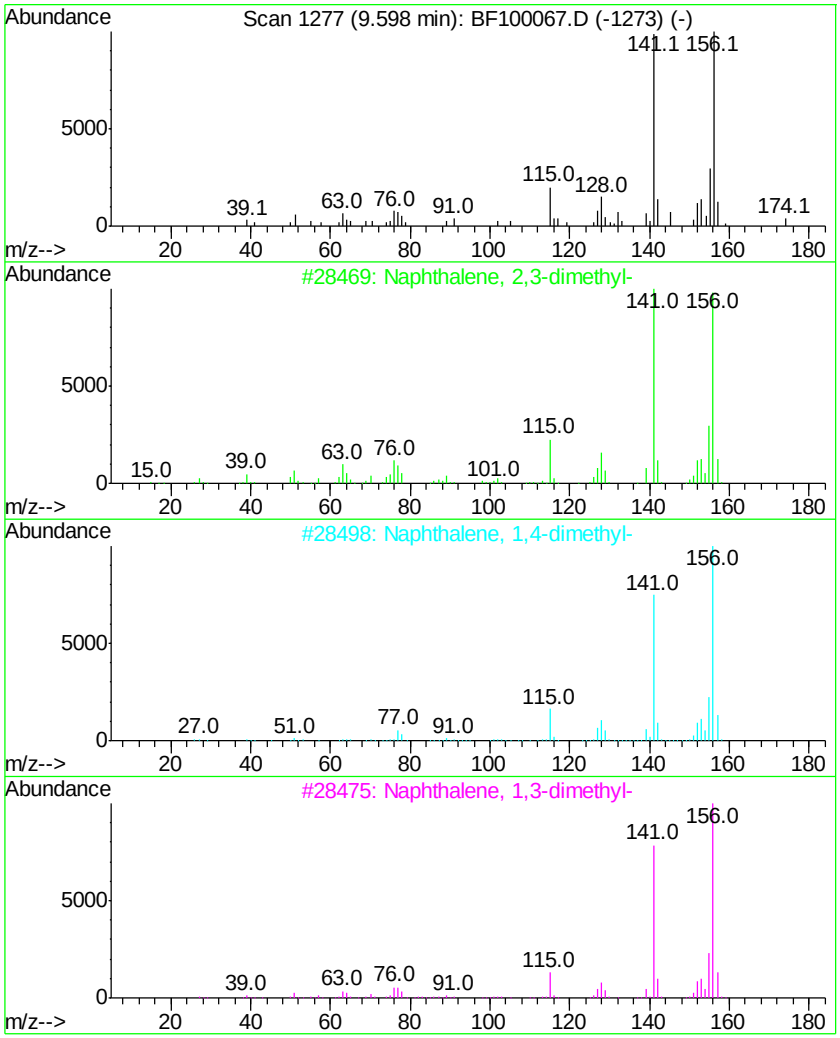
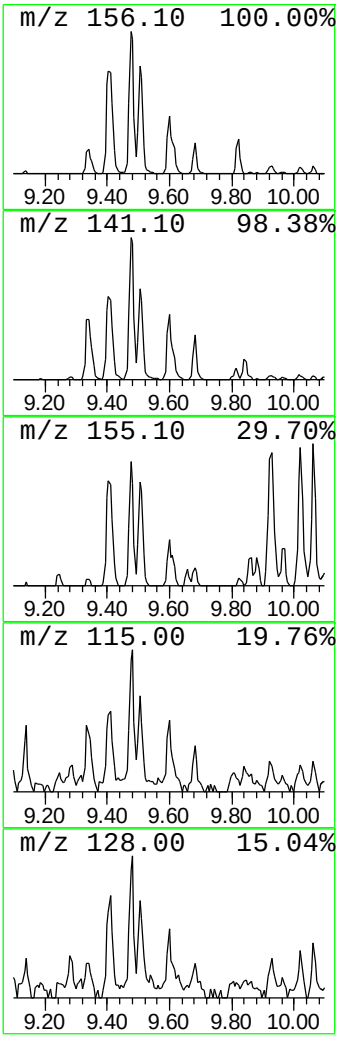
Peak Number 11 Naphthalene, 2,3-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.60	2.93 ng	100563	Acenaphthene-d10	9.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	95
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95
5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	94





Tentatively Identified Compound (LSC) summary

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF110117\
Data File : BF100067.D
Acq On : 2 Nov 2017 1:25
Operator : SJ/JU
Sample : I6207-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-02

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.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...	4.99	3.5	ng	79486	1	6.77	451867	20.0
unknown6.55	6.55	29.7	ng	670389	1	6.77	451867	20.0
Benzene, 1,2,4-tr...	6.60	2.7	ng	60299	1	6.77	451867	20.0
Benzene, 1-methyl...	7.80	3.1	ng	106704	2	8.06	676580	20.0
Naphthalene, 1,2,...	8.56	2.1	ng	70413	2	8.06	676580	20.0
Naphthalene, 2-me...	8.87	5.1	ng	171113	2	8.06	676580	20.0
Naphthalene, 2,6-...	9.40	4.8	ng	165411	3	9.82	685375	20.0
Naphthalene, 1,3-...	9.47	4.8	ng	165977	3	9.82	685375	20.0
Naphthalene, 2,7-...	9.50	2.9	ng	100509	3	9.82	685375	20.0
Naphthalene, 2,3-...	9.60	2.9	ng	100563	3	9.82	685375	20.0