LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061318\
Data File : BF106420.D
Acq On : 14 Jun 2018 4:49
Operator : JU/SJ
Sample : J3398-01
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-05

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-BF061118.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	3.984	274	280	287	rBV	414976	529929	12.28%	0.672%
2	5.190	482	485	492	rBV	126809	141696	3.28%	0.180%
3	5.284	498	501	505	rBV	133689	118404	2.74%	0.150%
4	5.607	553	556	563	rBV	1673047	1877195	43.52%	2.380%
5	6.613	723	727	734	rBV	1103805	1254034	29.07%	1.590%
6	6.748	746	750	753	rBV	3322552	2992879	69.38%	3.795%
7	6.966	783	787	791	rBV	1193572	966677	22.41%	1.226%
8	7.125	809	814	816	rBV2	3267429	3110815	72.11%	3.944%
9	7.143	816	817	821	rVB	314159	222717	5.16%	0.282%
10	7.207	825	828	831	rBV	1413756	1074352	24.90%	1.362%
11	7.278	836	840	842	rBV	432623	384530	8.91%	0.488%
12	7.301	842	844	847	rVB	1041157	759662	17.61%	0.963%
13	7.360	851	854	862	rVB5	84852	122564	2.84%	0.155%
14	7.495	868	877	880	rBV	2133368	2201021	51.02%	2.791%
15	7.537	880	884	887	rVB2	3684700	3965665	91.93%	5.028%
16	7.601	892	895	899	rBV2	279450	291062	6.75%	0.369%
17	7.648	899	903	909	rBV2	478544	455904	10.57%	0.578%
18	7.707	909	913	914	rBV2	263459	251922	5.84%	0.319%
19	7.731	914	917	920	rVB	1730432	1359066	31.51%	1.723%
20	7.778	922	925	927	rVB	109414	93311	2.16%	0.118%
21	7.807	927	930	933	rBV	157697	132720	3.08%	0.168%
22	7.843	933	936	939	rBV	287785	234492	5.44%	0.297%
23	7.895	939	945	947	rBV5	628631	898505	20.83%	1.139%
24	7.919	947	949	955	rVB2	587245	702618	16.29%	0.891%
25	7.984	955	960	963	rBV	3901941	3772245	87.45%	4.783%
26	8.007	963	964	967	rBV	126877	94408	2.19%	0.120%
27	8.048	967	971	975	rVB2	250087	407422	9.44%	0.517%
28	8.107	978	981	984	rBV	329321	265003	6.14%	0.336%
29	8.178	988	993	996	rBV2	436460	582663	13.51%	0.739%
30	8.207	996	998	999	rBV	114393	94740	2.20%	0.120%
31	8.248	999	1005	1010	rVB4	1726879	2659299	61.65%	3.372%
32	8.290	1010	1012	1016	rVB	921765	725703	16.82%	0.920%
33	8.325	1016	1018	1021	rVB2	278264	246017	5.70%	0.312%
34	8.366	1021	1025	1028	rBV2	335909	379311	8.79%	0.481%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061318\
Data File : BF106420.D
Acq On : 14 Jun 2018 4:49
Operator : JU/SJ
Sample : J3398-01
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-05

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-BF061118.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.395	1028	1030	1033	rBV2	379605	344439	7.98%	0.437%
36	8.442	1035	1038	1040	rBV	738039	667258	15.47%	0.846%
37	8.490	1044	1046	1050	rBV3	704512	752541	17.44%	0.954%
38	8.525	1050	1052	1057	rVB4	437397	616580	14.29%	0.782%
39	8.625	1061	1069	1073	rBV2	1051545	1430121	33.15%	1.813%
40	8.678	1073	1078	1080	rBV3	437830	599938	13.91%	0.761%
41	8.713	1080	1084	1088	rVB2	585346	646538	14.99%	0.820%
42	8.748	1088	1090	1095	rVB4	1067633	1344802	31.17%	1.705%
43	8.819	1095	1102	1104	rBV4	563512	1083909	25.13%	1.374%
44	8.907	1114	1117	1119	rBV	1317333	967080	22.42%	1.226%
45	8.972	1124	1128	1129	rBV2	388667	451090	10.46%	0.572%
46	9.013	1132	1135	1138	rVB2	430516	340358	7.89%	0.432%
47	9.084	1145	1147	1152	rVB4	804865	1008366	23.38%	1.278%
48	9.125	1152	1154	1155	rBV	423877	333284	7.73%	0.423%
49	9.160	1157	1160	1163	rVV3	596715	715232	16.58%	0.907%
50	9.189	1163	1165	1170	rVB2	606592	896026	20.77%	1.136%
51	9.242	1170	1174	1177	rBV4	462567	672873	15.60%	0.853%
52	9.284	1178	1181	1183	rBV3	182825	195195	4.52%	0.247%
53	9.325	1184	1188	1192	rVB	4080169	4313804	100.00%	5.469%
54	9.366	1192	1195	1197	rBV3	133428	132562	3.07%	0.168%
55	9.425	1200	1205	1207	rBV5	337163	524712	12.16%	0.665%
56	9.472	1210	1213	1220	rBV5	588422	1021595	23.68%	1.295%
57	9.519	1220	1221	1223	rBV2	177322	110544	2.56%	0.140%
58	9.560	1226	1228	1230	rBV2	281513	296815	6.88%	0.376%
59	9.589	1230	1233	1236	rVB	730005	827434	19.18%	1.049%
60	9.619	1236	1238	1240	rBV	285810	305887	7.09%	0.388%
61	9.660	1242	1245	1247	rBV	915241	1070087	24.81%	1.357%
62	9.742	1255	1259	1262	rBV3	718199	1167699	27.07%	1.480%
63	9.784	1264	1266	1271	rVB3	734330	952295	22.08%	1.207%
64	9.860	1276	1279	1280	rBV2	372812	368851	8.55%	0.468%
65	9.936	1290	1292	1294	rVB2	179403	144880	3.36%	0.184%
66	9.984	1296	1300	1302	rVV2	453932	608471	14.11%	0.771%
67	10.007	1302	1304	1306	rVV2	1561997	1341603	31.10%	1.701%
68	10.060	1310	1313	1316	rVB4	585030	705490	16.35%	0.894%
69	10.095	1316	1319	1320	rBV2	249530	225089	5.22%	0.285%
70	10.125	1320	1324	1327	rBV5	398351	581482	13.48%	0.737%
71	10.184	1331	1334	1335	rBV2	165896	163465	3.79%	0.207%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061318\
Data File : BF106420.D
Acq On : 14 Jun 2018 4:49
Operator : JU/SJ
Sample : J3398-01
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-05

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-BF061118.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	10.207	1335	1338	1342	rVB3	438540	480066	11.13%	0.609%
73	10.248	1342	1345	1346	rBV2	160179	156612	3.63%	0.199%
74	10.272	1346	1349	1351	rVB2	334728	277073	6.42%	0.351%
75	10.301	1351	1354	1356	rBV2	395071	367558	8.52%	0.466%
76	10.348	1360	1362	1365	rBV2	475959	466375	10.81%	0.591%
77	10.419	1372	1374	1376	rVB3	114778	95076	2.20%	0.121%
78	10.460	1378	1381	1384	rVB3	460793	401314	9.30%	0.509%
79	10.525	1390	1392	1394	rVB	330395	244198	5.66%	0.310%
80	10.548	1394	1396	1399	rVB3	247713	244491	5.67%	0.310%
81	10.607	1401	1406	1414	rBV2	1431926	2147748	49.79%	2.723%
82	10.713	1421	1424	1426	rBV3	189715	255603	5.93%	0.324%
83	10.736	1426	1428	1430	rVV2	156769	144199	3.34%	0.183%
84	10.807	1436	1440	1442	rVB	2413035	2401523	55.67%	3.045%
85	10.848	1442	1447	1451	rVB3	652021	867113	20.10%	1.099%
86	10.895	1453	1455	1457	rVV2	228982	173570	4.02%	0.220%
87	10.931	1458	1461	1463	rVB3	250502	219022	5.08%	0.278%
88	10.983	1468	1470	1474	rBV3	236045	262150	6.08%	0.332%
89	11.301	1521	1524	1526	rBV2	180916	198410	4.60%	0.252%
90	11.395	1538	1540	1543	rVB2	188024	150470	3.49%	0.191%
91	11.501	1555	1558	1561	rVB	1380021	1189793	27.58%	1.509%
92	11.842	1614	1616	1620	rVB	169112	169041	3.92%	0.214%
93	12.019	1643	1646	1650	rBV	459865	412515	9.56%	0.523%
94	12.148	1665	1668	1672	rBV	179738	155924	3.61%	0.198%
95	12.236	1681	1683	1686	rVB	155793	138626	3.21%	0.176%
96	12.801	1776	1779	1784	rVB	177912	177628	4.12%	0.225%
97	13.083	1823	1827	1831	rBV	3403031	3543810	82.15%	4.493%
98	14.142	2003	2007	2011	rBV	1248375	1060598	24.59%	1.345%
99	14.995	2149	2152	2158	rVB	144754	159540	3.70%	0.202%
100	15.671	2262	2267	2272	rBV	815989	1015483	23.54%	1.287%

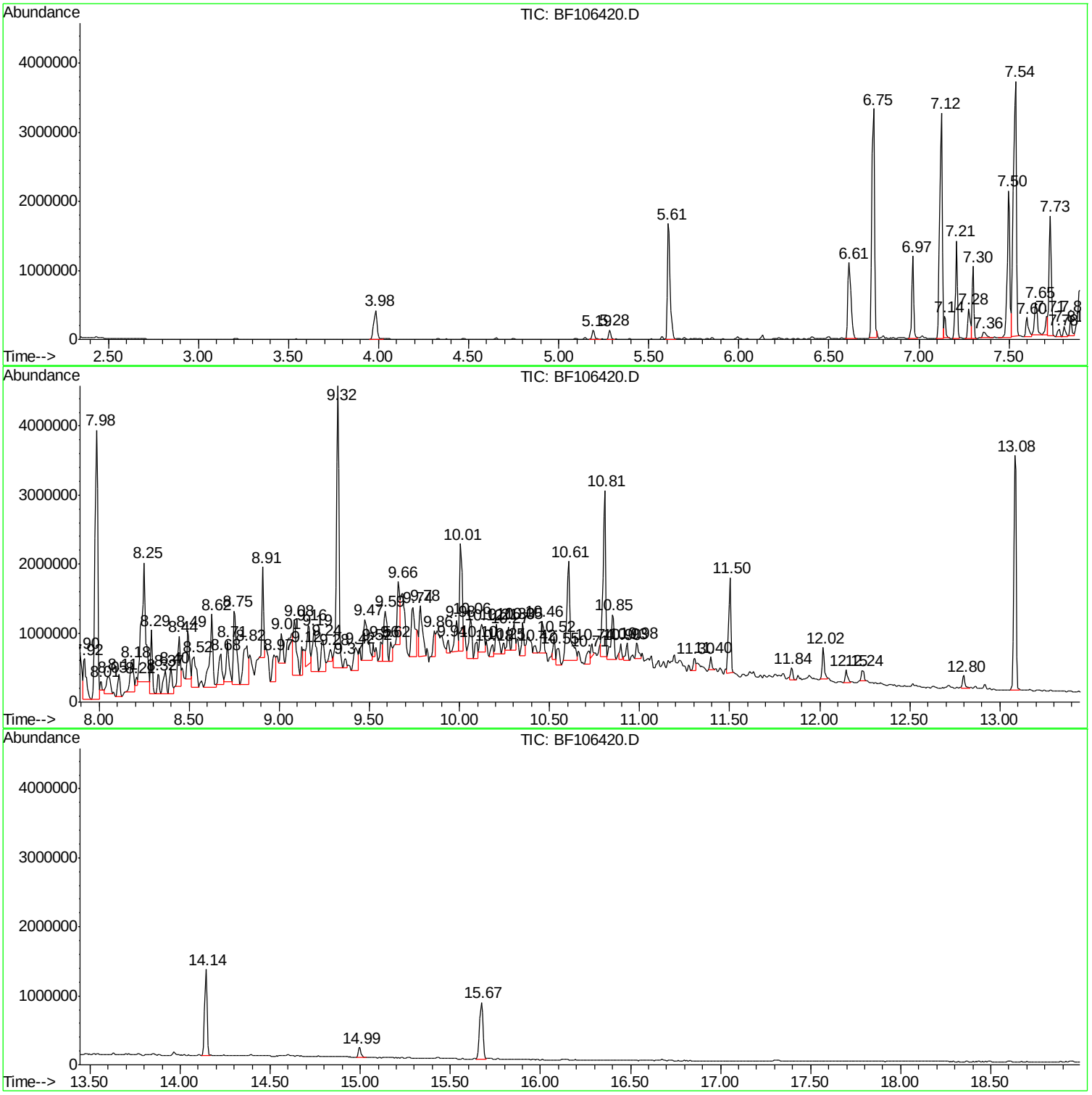
Sum of corrected areas: 78872475

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061318\
Data File : BF106420.D
Acq On : 14 Jun 2018 4:49
Operator : JU/SJ
Sample : J3398-01
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
W-05

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.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\BF061318\
Data File : BF106420.D
Acq On : 14 Jun 2018 4:49
Operator : JU/SJ
Sample : J3398-01
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-05

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

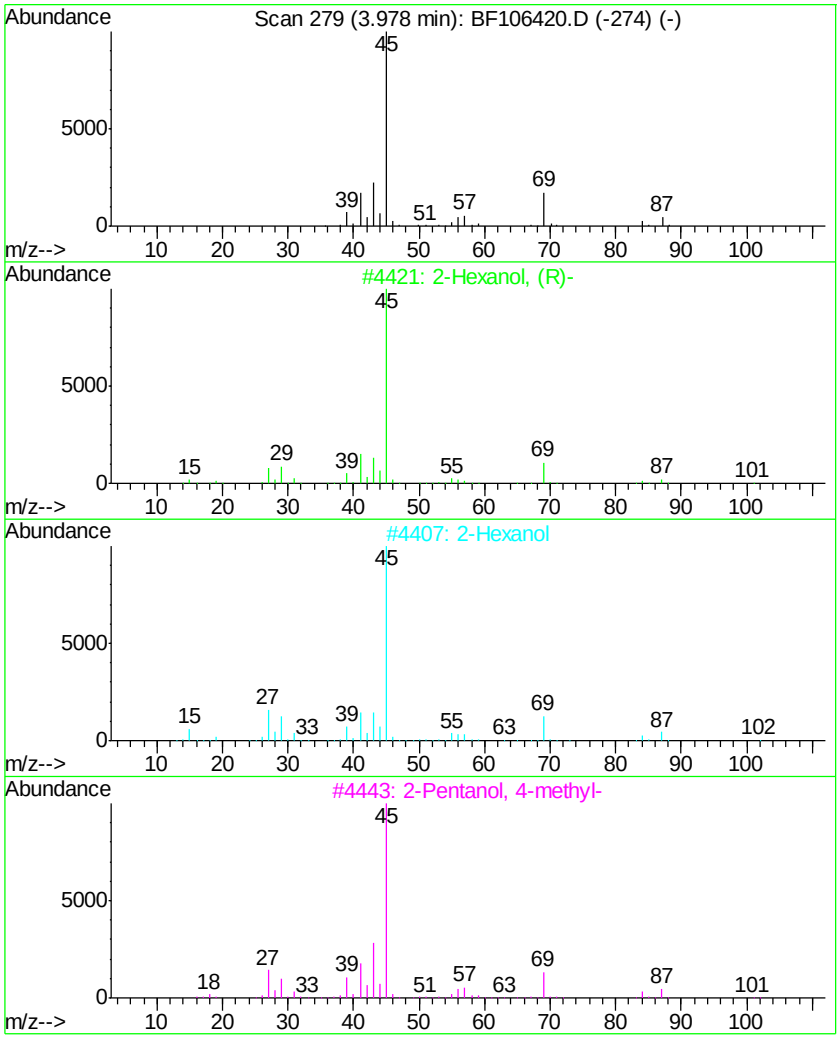
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

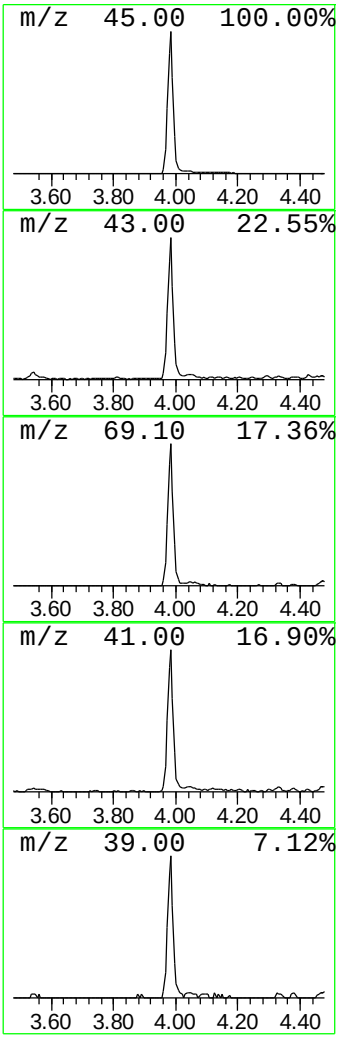
****

Peak Number 1 2-Hexanol, (R)- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.98	10.96 ng	529929	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexanol, (R)-	102	C6H14O	026549-24-6	83
2	2-Hexanol	102	C6H14O	000626-93-7	83
3	2-Pentanol, 4-methyl-	102	C6H14O	000108-11-2	83
4	2-Hexanol, (S)-	102	C6H14O	052019-78-0	64
5	2-Heptanol	116	C7H16O	000543-49-7	40





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061318\
Data File : BF106420.D
Acq On : 14 Jun 2018 4:49
Operator : JU/SJ
Sample : J3398-01
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-05

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

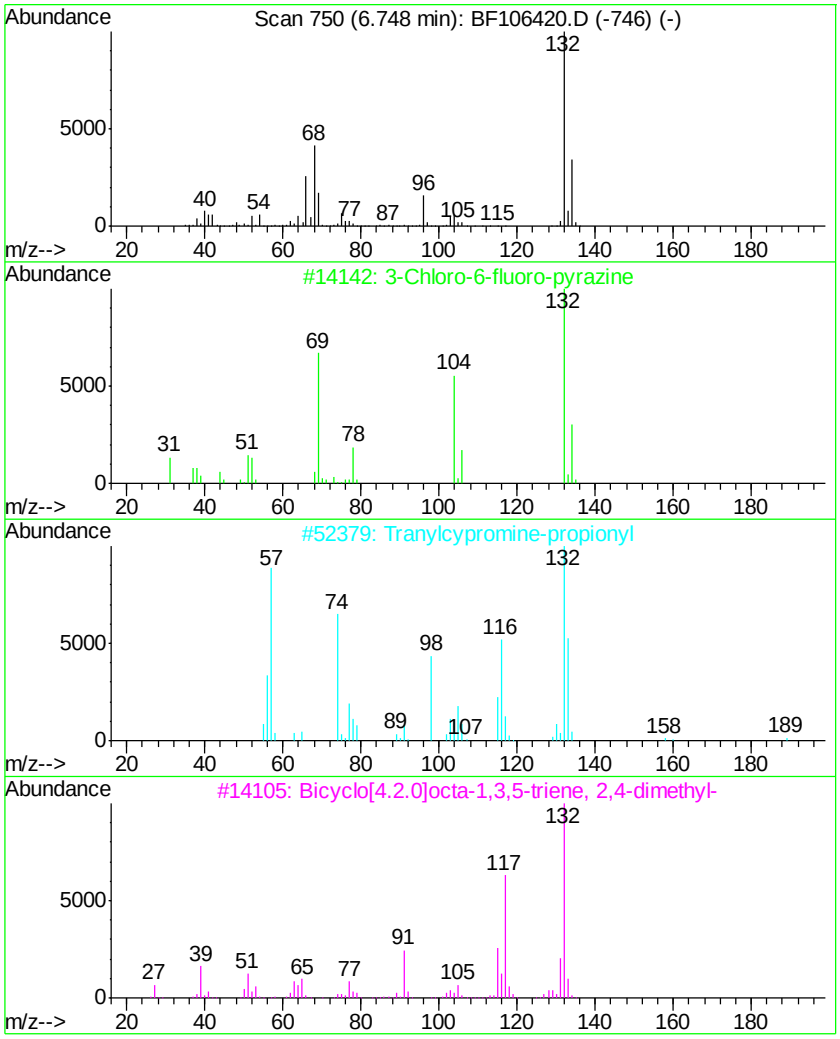
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

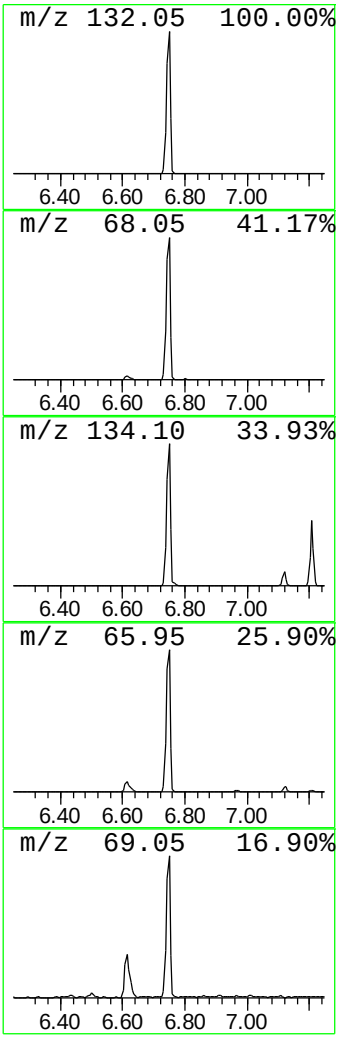
****

Peak Number 2 unknown6.75 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.75	61.92 ng	2992880	1,4-Dichlorobenzene-d4	6.97

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	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061318\
Data File : BF106420.D
Acq On : 14 Jun 2018 4:49
Operator : JU/SJ
Sample : J3398-01
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-05

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

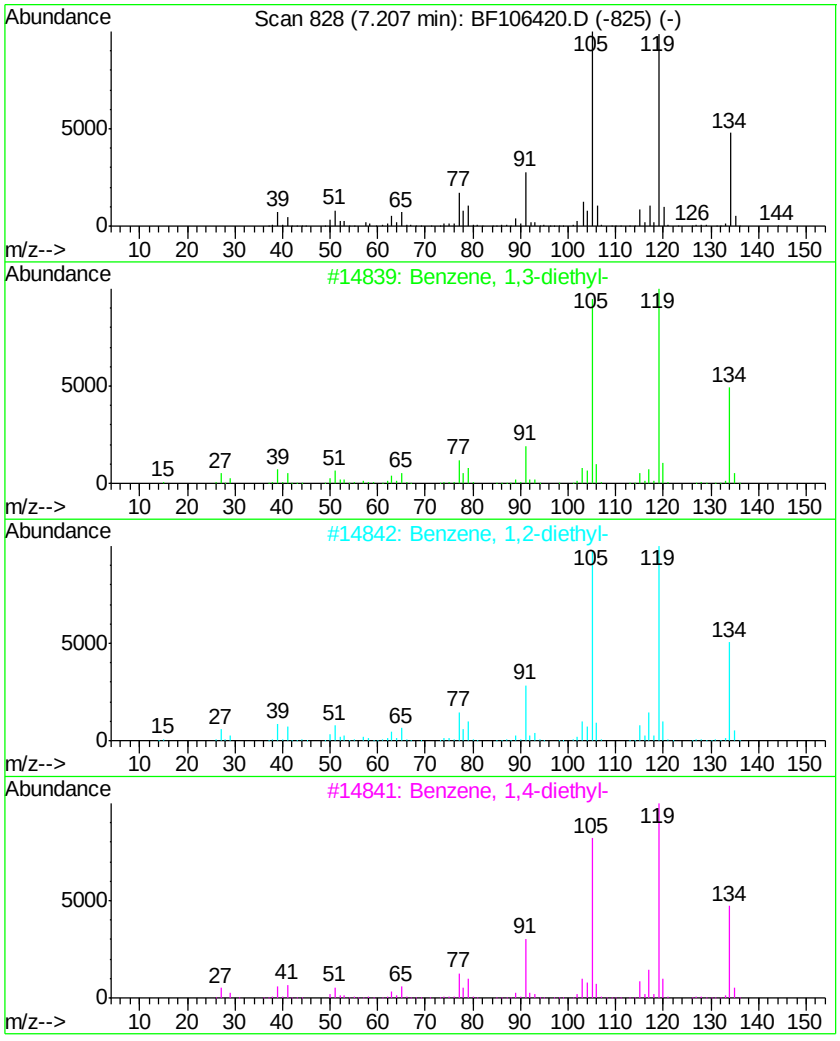
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

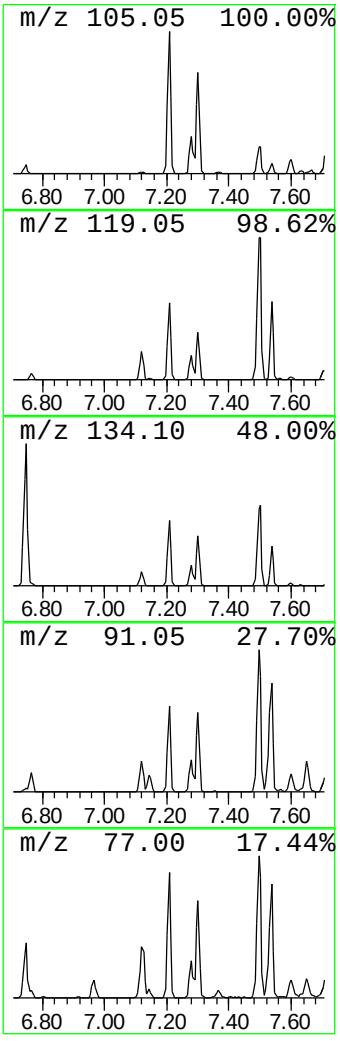
****

Peak Number 4 Benzene, 1,3-diethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.21	22.23 ng	1074350	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	97
2	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	95
3	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	94
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061318\
Data File : BF106420.D
Acq On : 14 Jun 2018 4:49
Operator : JU/SJ
Sample : J3398-01
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-05

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

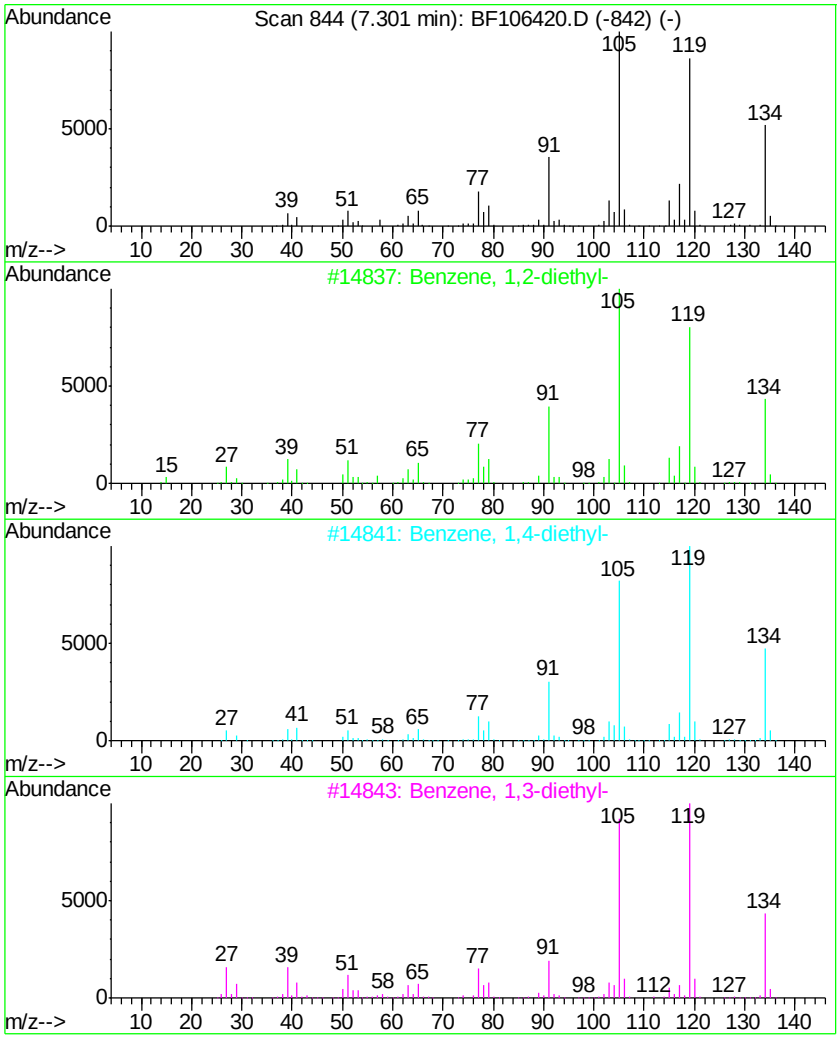
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

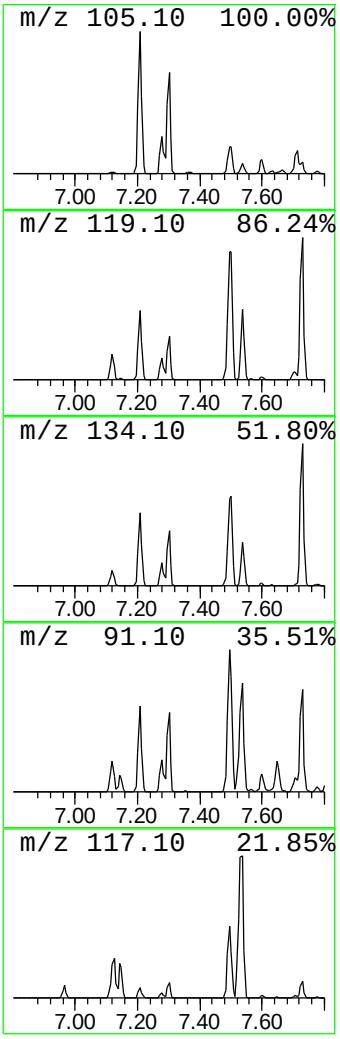
****

Peak Number 5 Benzene, 1,2-diethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.30	15.72 ng	759662	1,4-Dichlorobenzene-d4	6.97

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	94
3	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	87
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	81
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	74





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061318\
Data File : BF106420.D
Acq On : 14 Jun 2018 4:49
Operator : JU/SJ
Sample : J3398-01
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-05

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

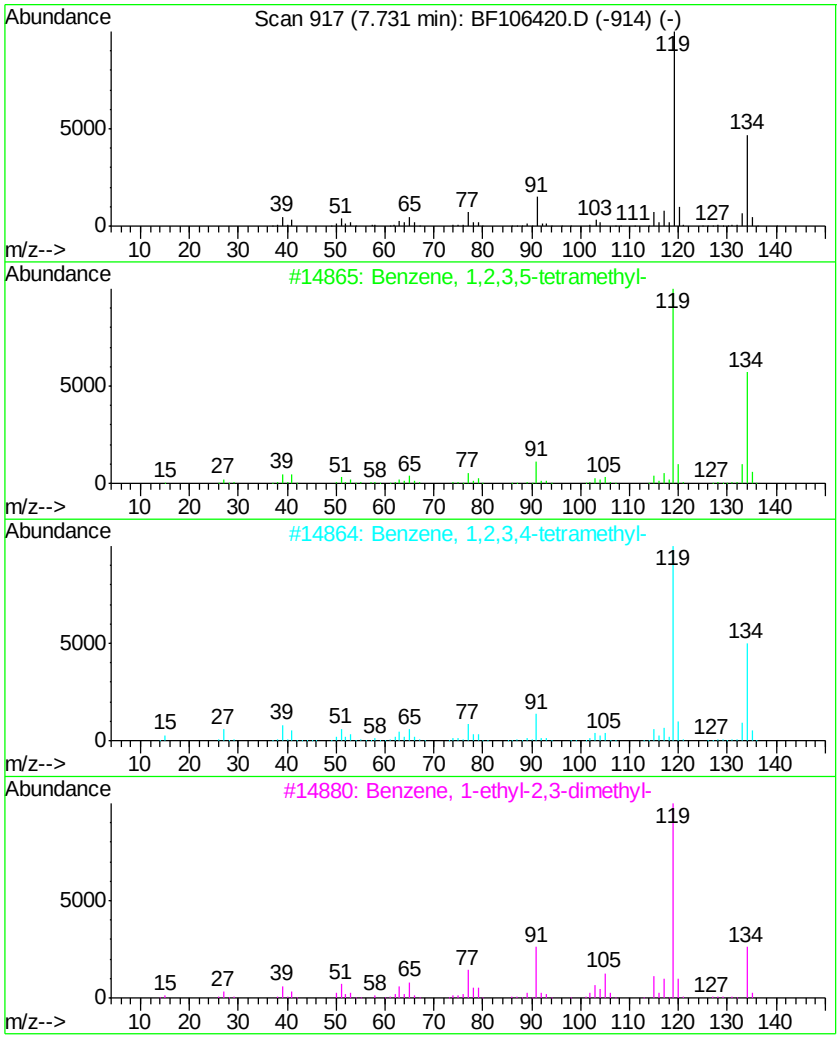
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

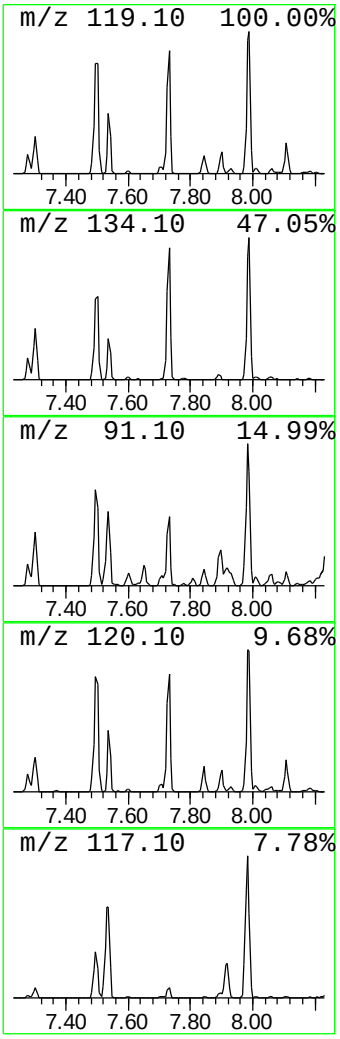
****

Peak Number 6 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.73	10.22 ng	1359070	Naphthalene-d8	8.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	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\BF061318\
Data File : BF106420.D
Acq On : 14 Jun 2018 4:49
Operator : JU/SJ
Sample : J3398-01
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-05

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

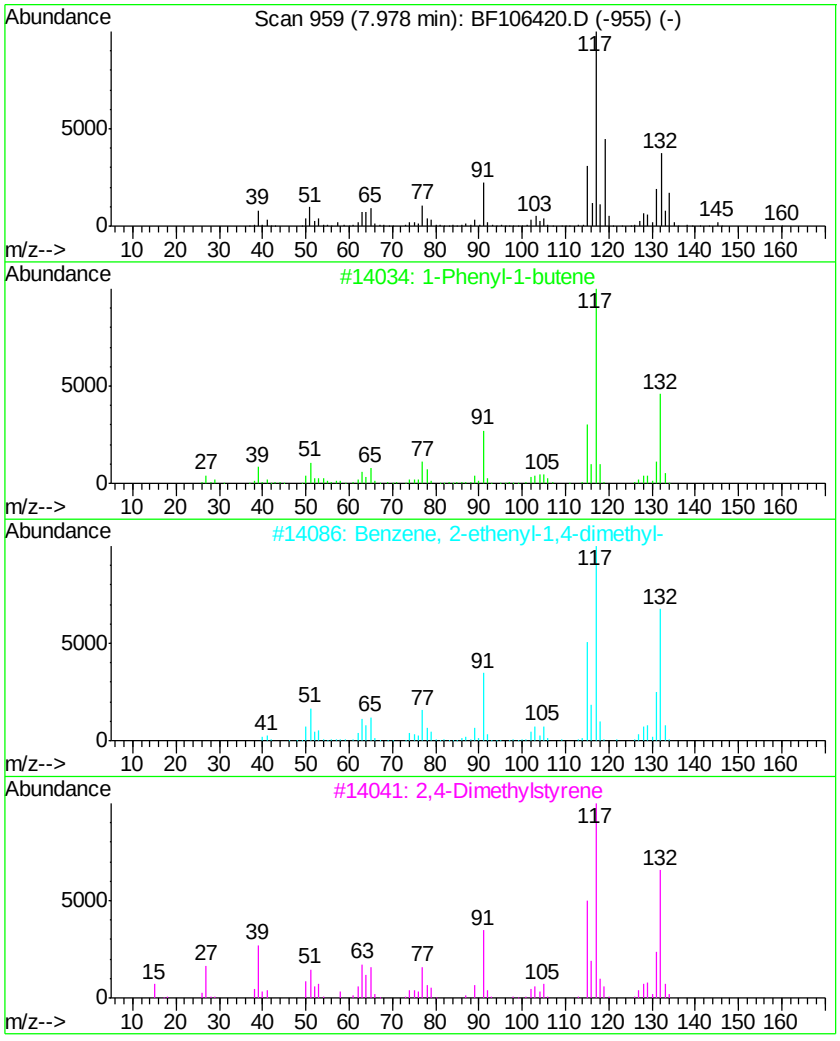
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

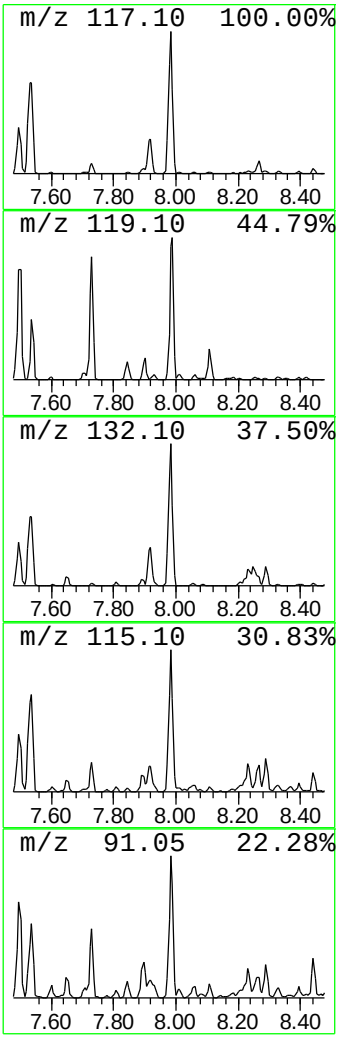
****

Peak Number 7 1-Phenyl-1-butene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.98	28.37 ng	3772250	Naphthalene-d8	8.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenyl-1-butene	132	C10H12	000824-90-8	87
2	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	86
3	2,4-Dimethylstyrene	132	C10H12	002234-20-0	83
4	3-Phenylbut-1-ene	132	C10H12	000934-10-1	55
5	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	50





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061318\
Data File : BF106420.D
Acq On : 14 Jun 2018 4:49
Operator : JU/SJ
Sample : J3398-01
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-05

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

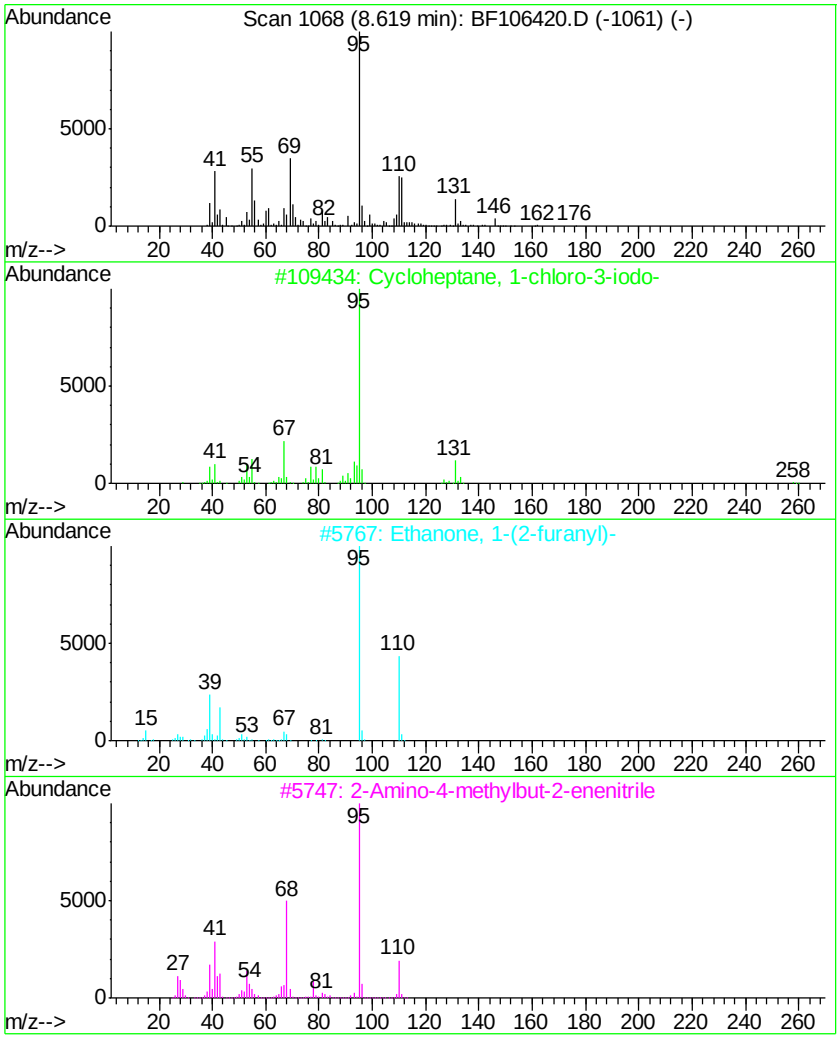
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

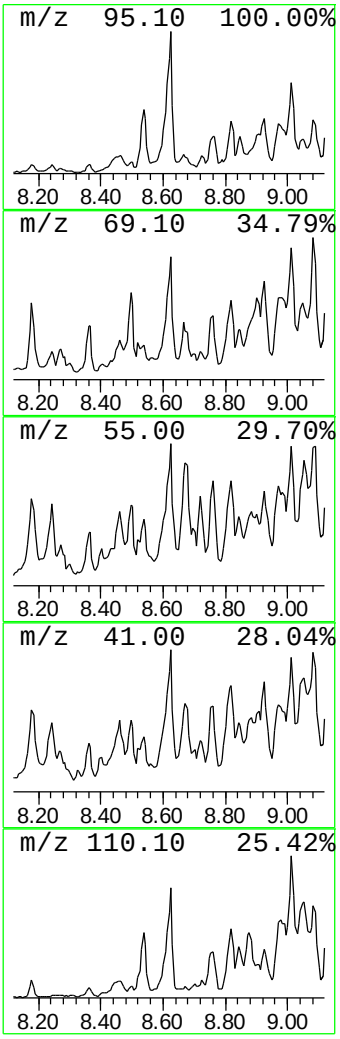
****

Peak Number 8 Cycloheptane, 1-chloro-3-iodo- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.62	10.76 ng	1430120	Naphthalene-d8	8.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cycloheptane, 1-chloro-3-iodo-	258	C7H12ClI	1000337-09-8	40
2	Ethanone, 1-(2-furanyl)-	110	C6H6O2	001192-62-7	38
3	2-Amino-4-methylbut-2-enenitrile	110	C6H10N2	1000197-39-9	38
4	trans,trans-3,5-Heptadien-2-one	110	C7H10O	018402-90-9	38
5	1,7,7-Trimethylbicyclo[2.2.1]hep...	154	C10H18O	010385-78-1	37





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061318\
Data File : BF106420.D
Acq On : 14 Jun 2018 4:49
Operator : JU/SJ
Sample : J3398-01
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-05

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

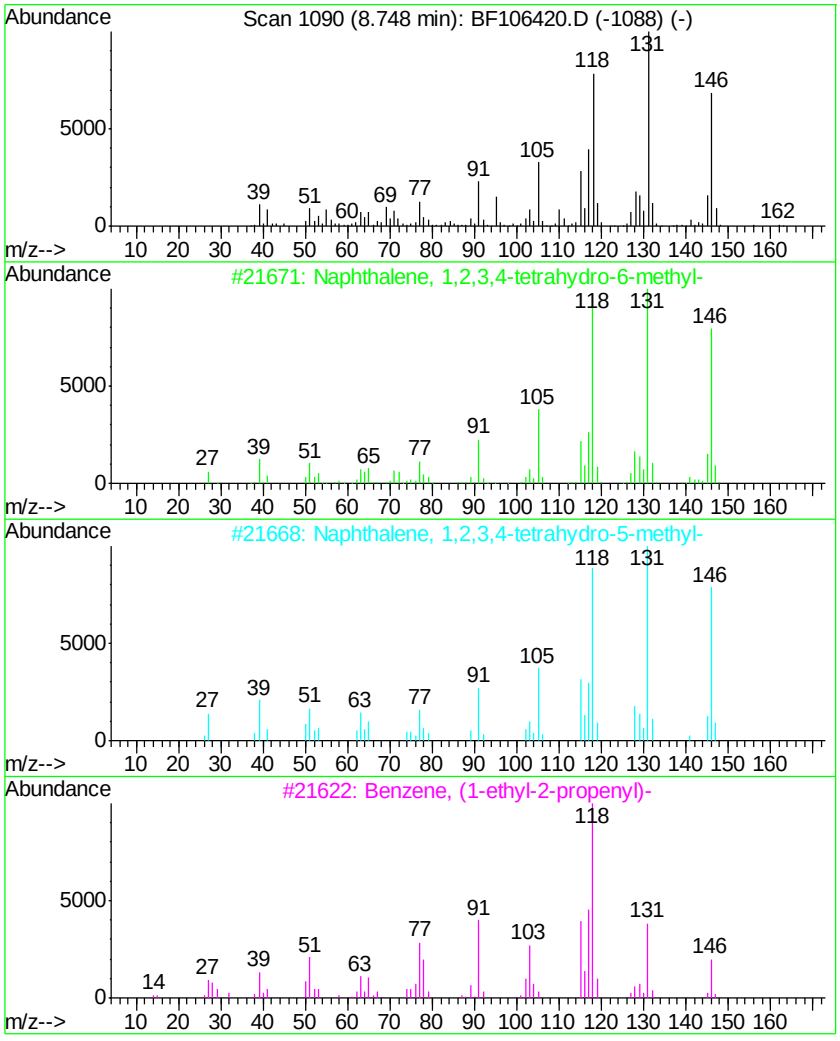
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

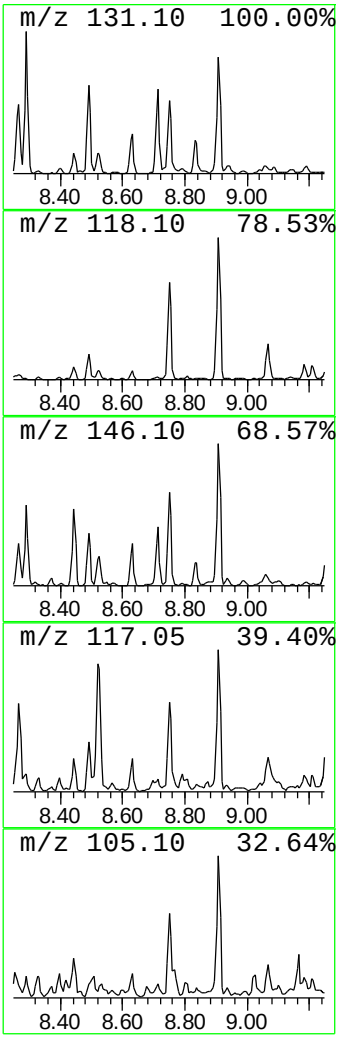
****

Peak Number 9 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.75	10.11 ng	1344800	Naphthalene-d8	8.25

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	97
3	Benzene, (1-ethyl-2-propenyl)-	146	C11H14	019947-22-9	91
4	Benzene, (1-methylenebutyl)-	146	C11H14	005676-32-4	70
5	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	70





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061318\
Data File : BF106420.D
Acq On : 14 Jun 2018 4:49
Operator : JU/SJ
Sample : J3398-01
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-05

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

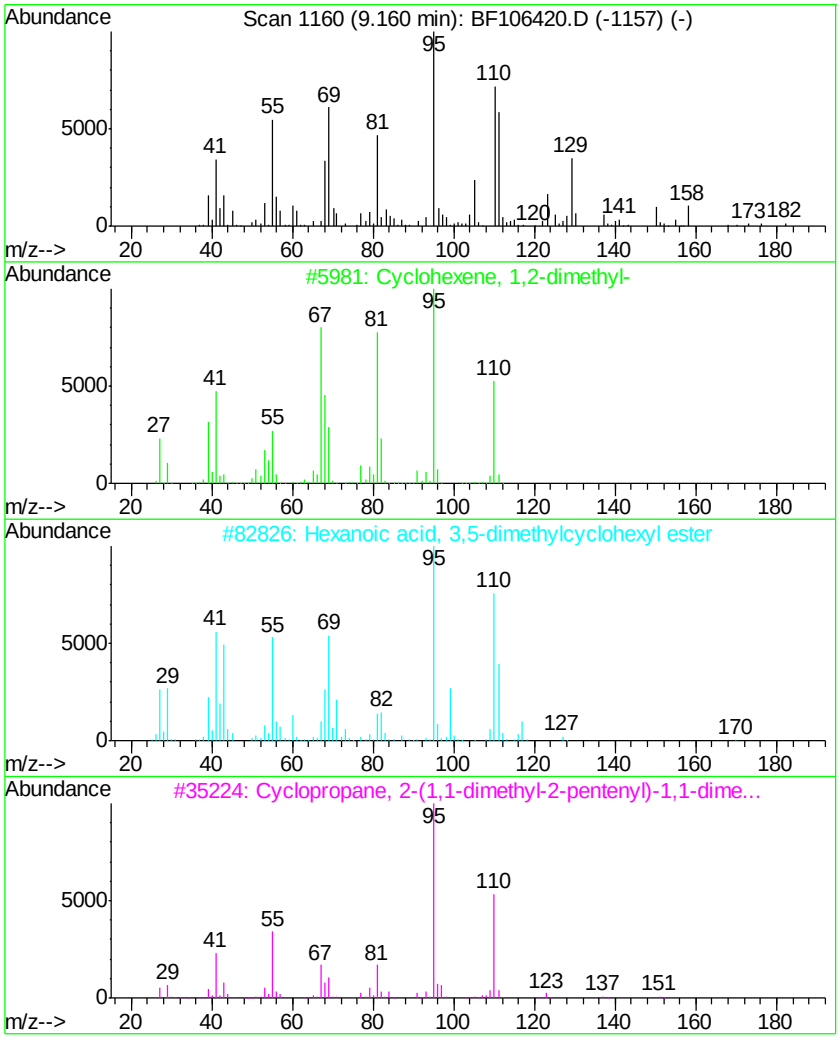
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

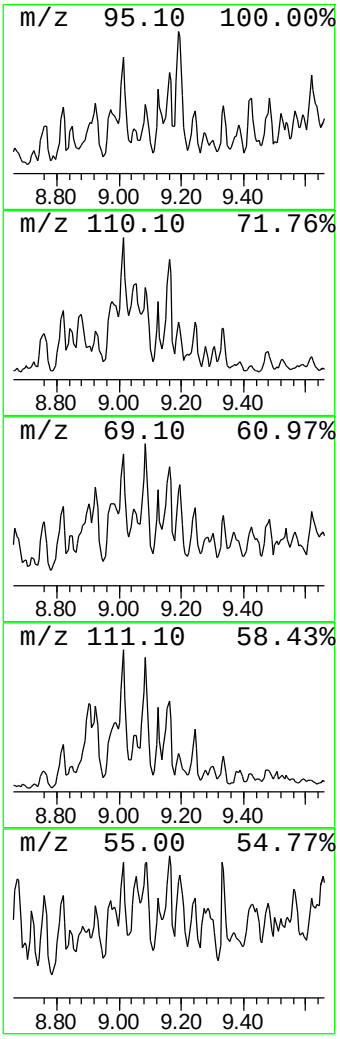
****

Peak Number 10 unknown9.16 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.16	10.66 ng	715232	Acenaphthene-d10	10.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 1,2-dimethyl-	110	C8H14	001674-10-8	43
2	Hexanoic acid, 3,5-dimethylcyclo...	226	C14H26O2	1000279-28-3	40
3	Cyclopropane, 2-(1,1-dimethyl-2-...	166	C12H22	074663-76-6	38
4	Bicyclo[3.1.0]hexane, 1,5-dimethyl-	110	C8H14	1000142-17-5	38
5	2-Hexanoylfuran	166	C10H14O2	014360-50-0	38





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061318\
Data File : BF106420.D
Acq On : 14 Jun 2018 4:49
Operator : JU/SJ
Sample : J3398-01
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-05

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

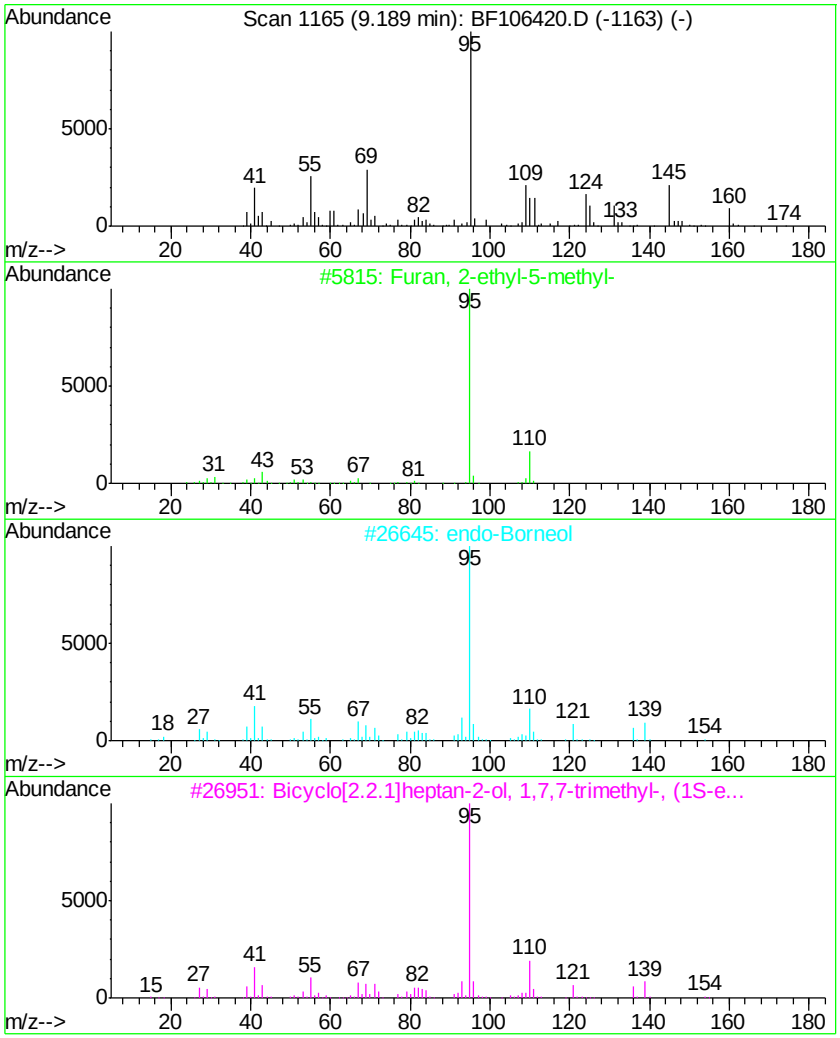
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

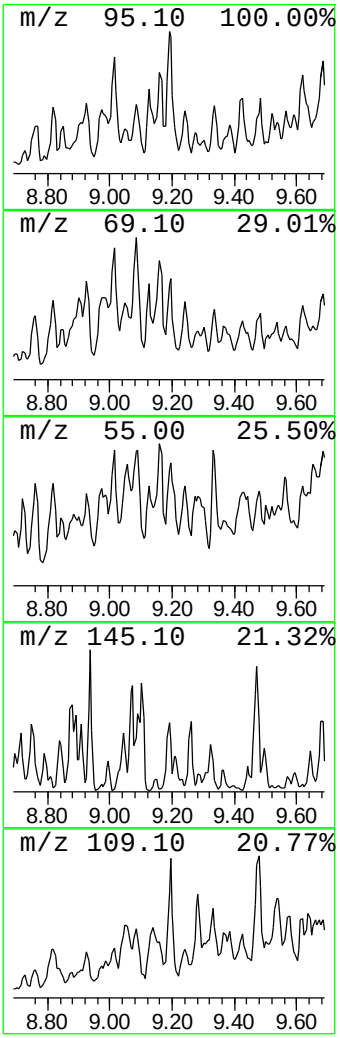
****

Peak Number 11 unknown9.19 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.19	13.36 ng	896026	Acenaphthene-d10	10.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Furan, 2-ethyl-5-methyl-	110	C7H10O	001703-52-2	38
2	endo-Borneol	154	C10H18O	000507-70-0	32
3	Bicyclo[2.2.1]heptan-2-ol, 1,7,7...	154	C10H18O	000464-45-9	32
4	1,3-Dimethyl-5-trifluoroacetoxyc...	224	C10H15F3O2	1000216-63-7	23
5	Bicyclo[2.2.1]heptane-2-carboxal...	124	C8H12O	003574-55-8	17





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061318\
Data File : BF106420.D
Acq On : 14 Jun 2018 4:49
Operator : JU/SJ
Sample : J3398-01
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-05

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

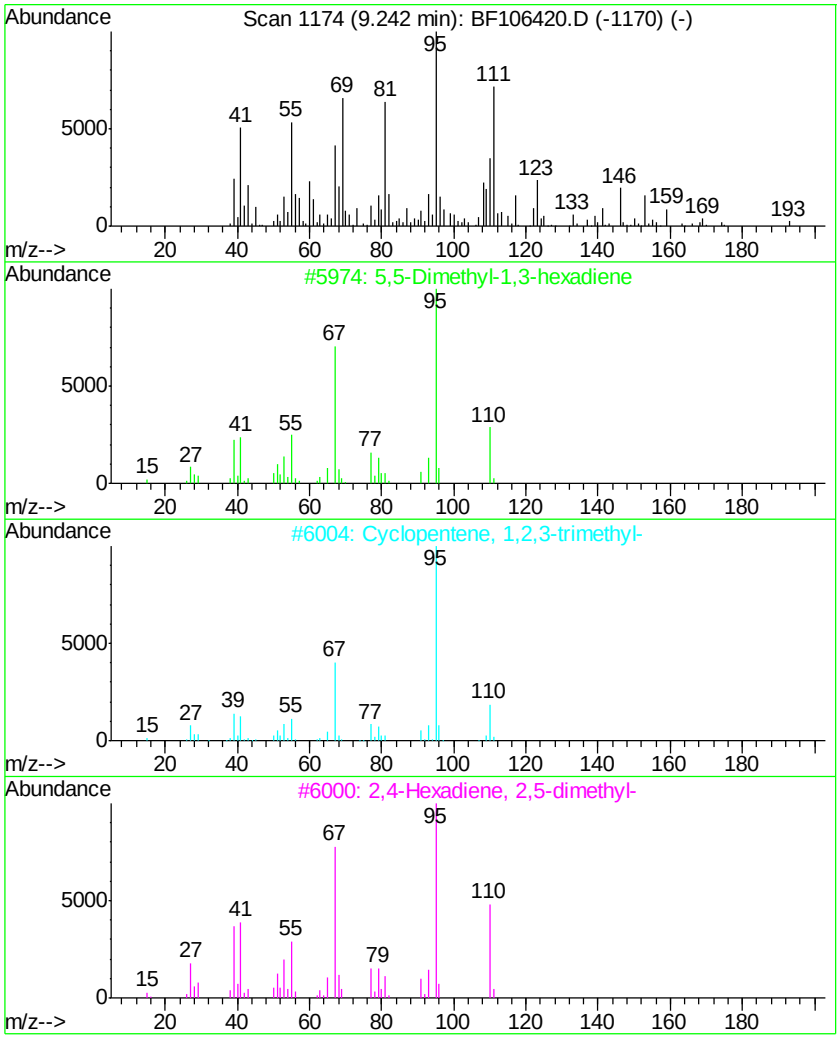
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

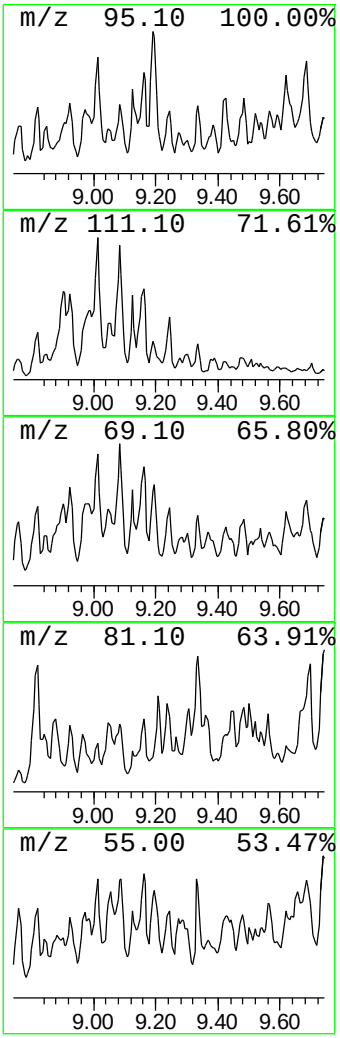
****

Peak Number 12 5,5-Dimethyl-1,3-hexadiene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.24	10.03 ng	672873	Acenaphthene-d10	10.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,5-Dimethyl-1,3-hexadiene	110	C8H14	001515-79-3	50
2	Cyclopentene, 1,2,3-trimethyl-	110	C8H14	000473-91-6	43
3	2,4-Hexadiene, 2,5-dimethyl-	110	C8H14	000764-13-6	38
4	Bicyclo[3.1.0]hexane, 1,5-dimethyl-	110	C8H14	1000142-17-5	38
5	Ketone, 1,5-dimethylbicyclo[2.1....	138	C9H14O	024081-57-0	35





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061318\
Data File : BF106420.D
Acq On : 14 Jun 2018 4:49
Operator : JU/SJ
Sample : J3398-01
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-05

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

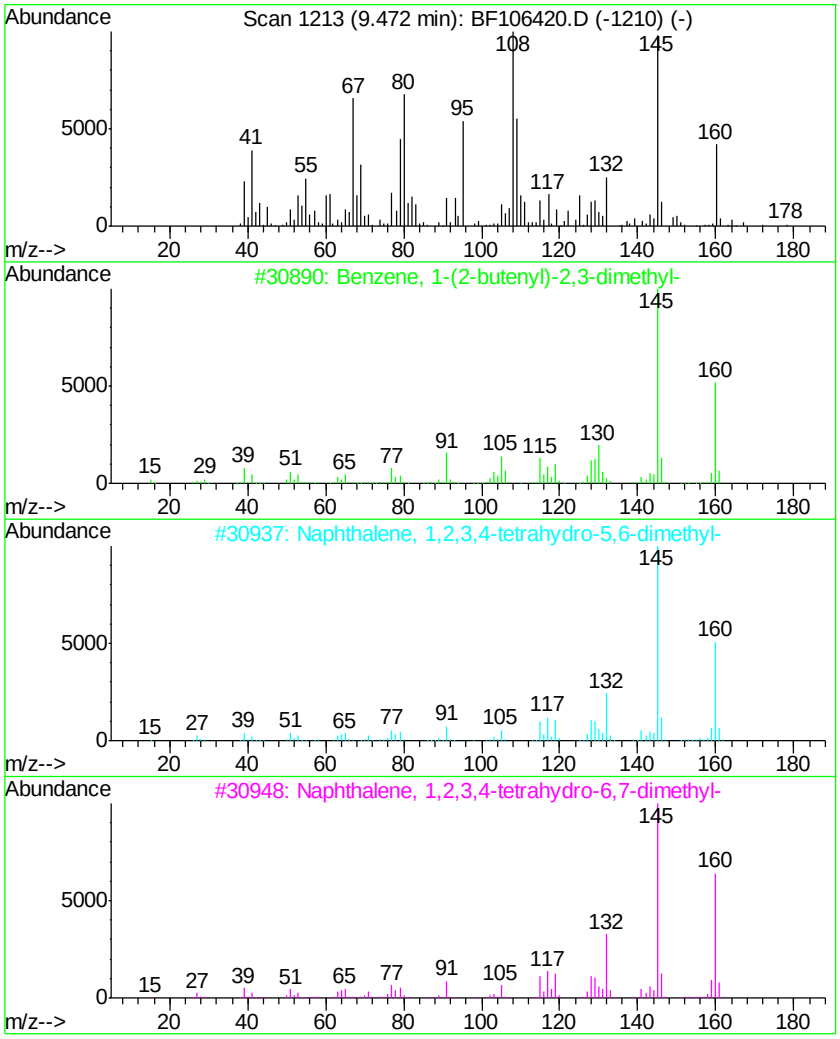
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

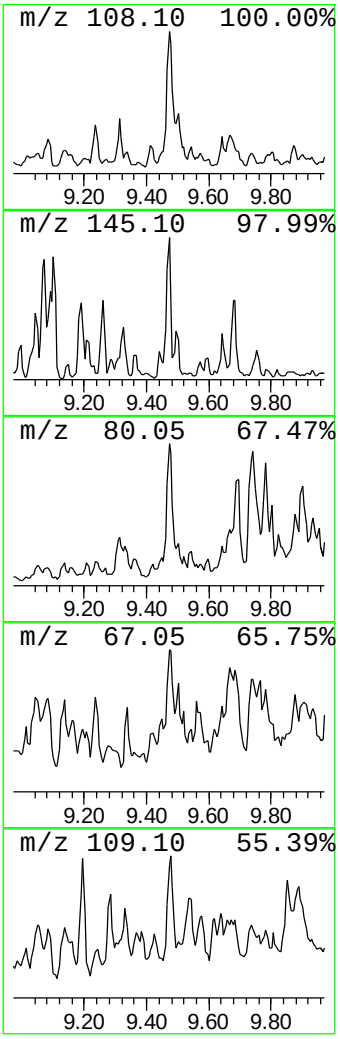
****

Peak Number 13 unknown9.47 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.47	15.23 ng	1021600	Acenaphthene-d10	10.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	47
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	020027-77-4	38
3	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001076-61-5	38
4	Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	35
5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	025419-33-4	35





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061318\
Data File : BF106420.D
Acq On : 14 Jun 2018 4:49
Operator : JU/SJ
Sample : J3398-01
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-05

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

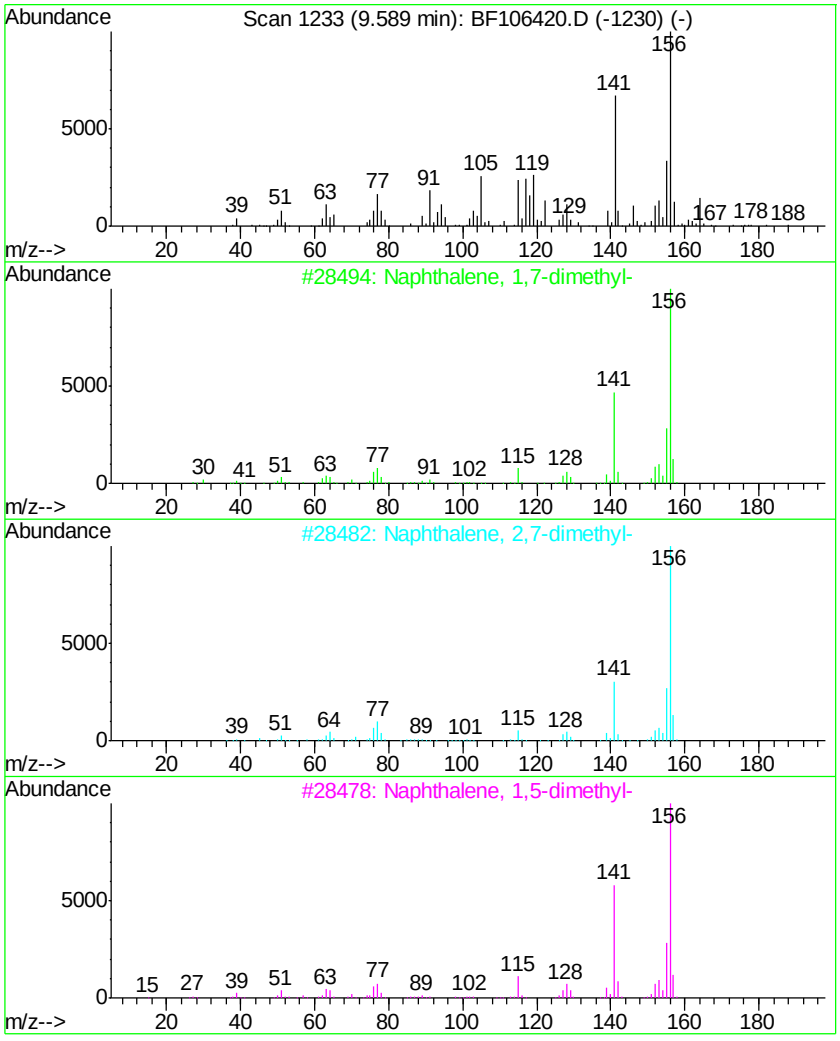
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

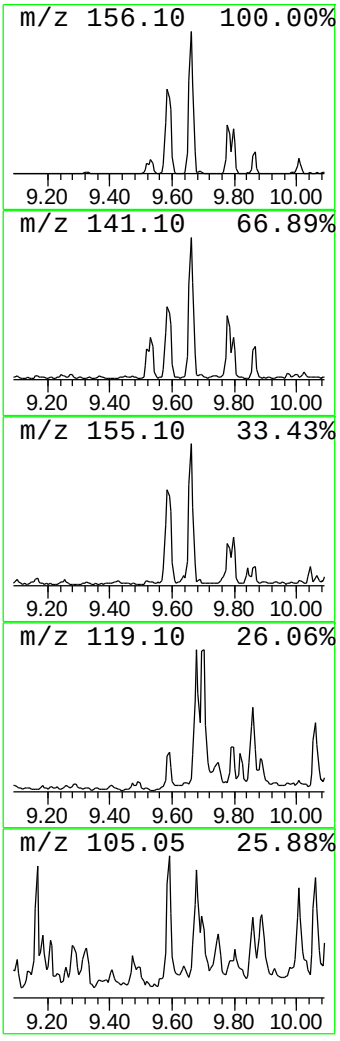
****

Peak Number 14 Naphthalene, 1,7-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.59	12.34 ng	827434	Acenaphthene-d10	10.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
3	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061318\
Data File : BF106420.D
Acq On : 14 Jun 2018 4:49
Operator : JU/SJ
Sample : J3398-01
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-05

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

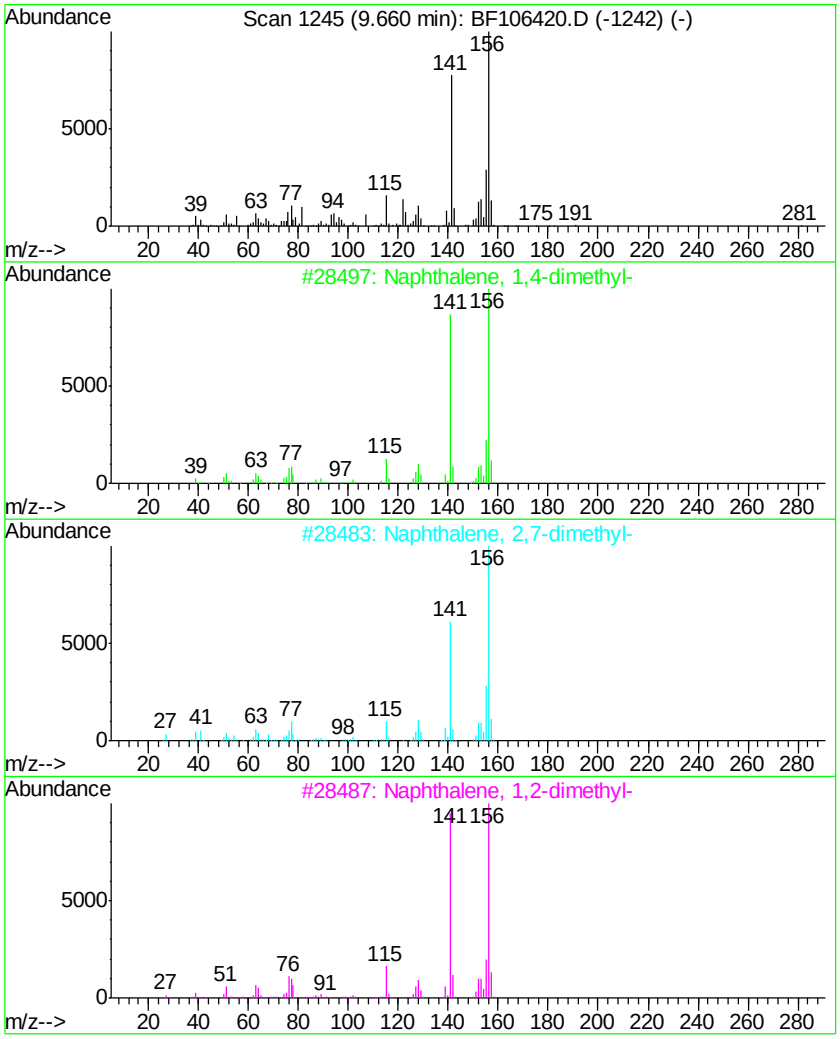
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

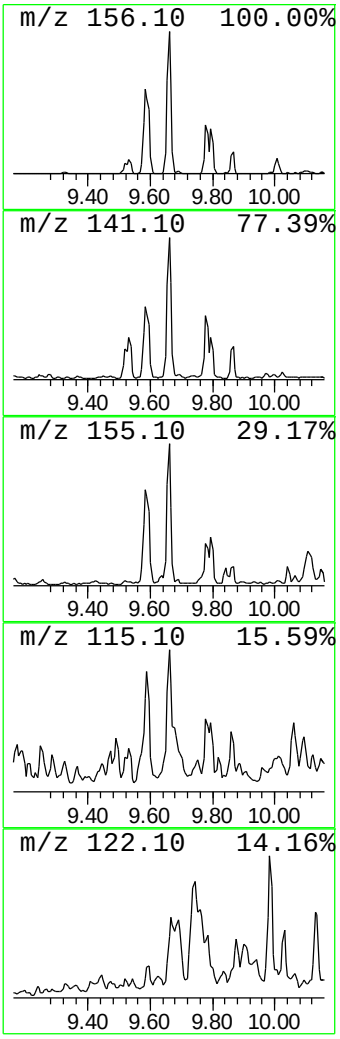
****

Peak Number 15 Naphthalene, 1,4-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.66	15.95 ng	1070090	Acenaphthene-d10	10.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
3	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061318\
Data File : BF106420.D
Acq On : 14 Jun 2018 4:49
Operator : JU/SJ
Sample : J3398-01
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-05

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

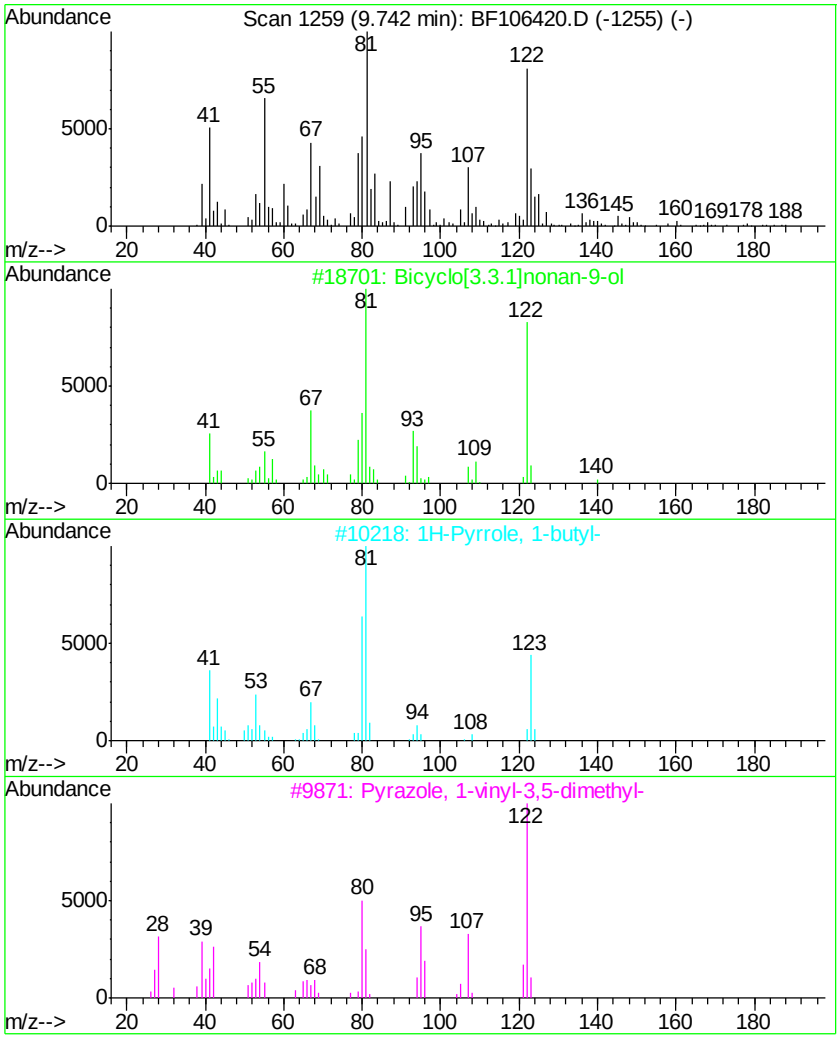
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

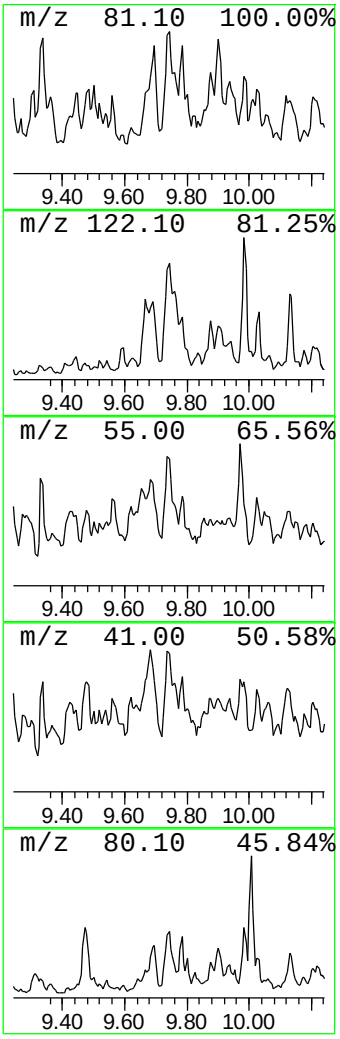
****

Peak Number 16 Bicyclo[3.3.1]nonan-9-ol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.74	17.41 ng	1167700	Acenaphthene-d10	10.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[3.3.1]nonan-9-ol	140	C9H16O	015598-80-8	64
2	1H-Pyrrole, 1-butyl-	123	C8H13N	000589-33-3	38
3	Pyrazole, 1-vinyl-3,5-dimethyl-	122	C7H10N2	015967-75-6	38
4	Cyclohexene,1-propyl-	124	C9H16	002539-75-5	27
5	Cyclopentane, 1,3-dimethyl-2-(1-...	138	C10H18	061142-30-1	22





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061318\
Data File : BF106420.D
Acq On : 14 Jun 2018 4:49
Operator : JU/SJ
Sample : J3398-01
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-05

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

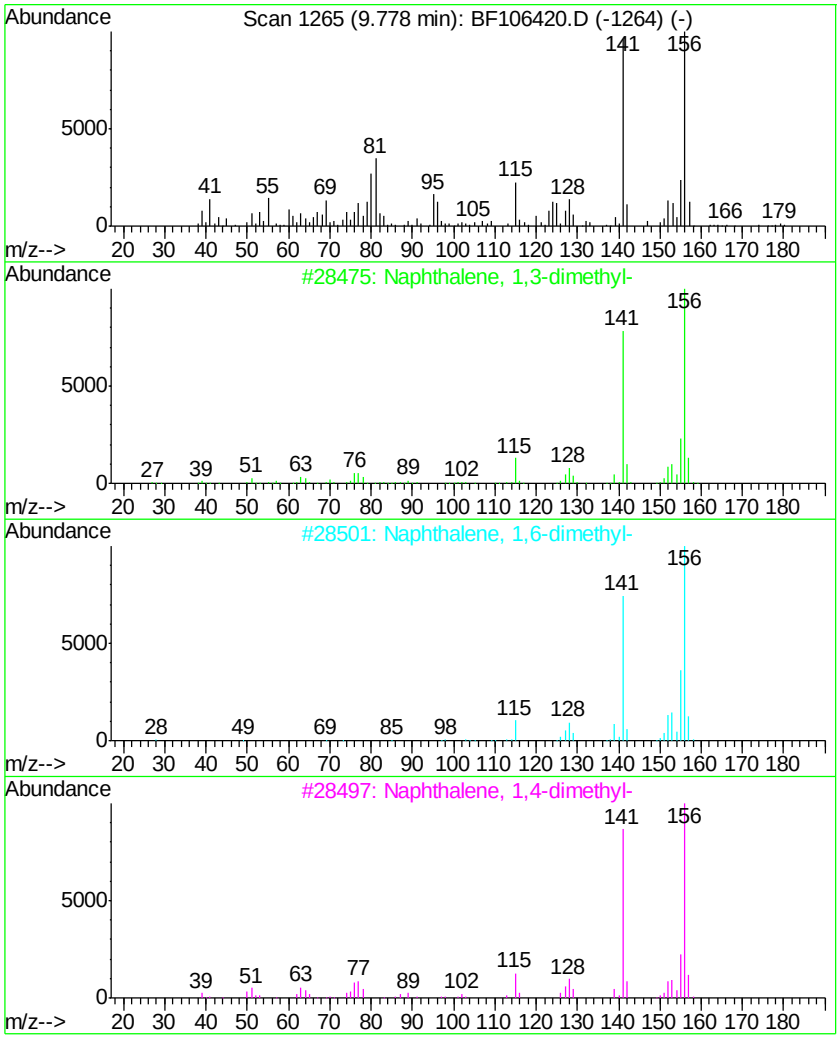
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

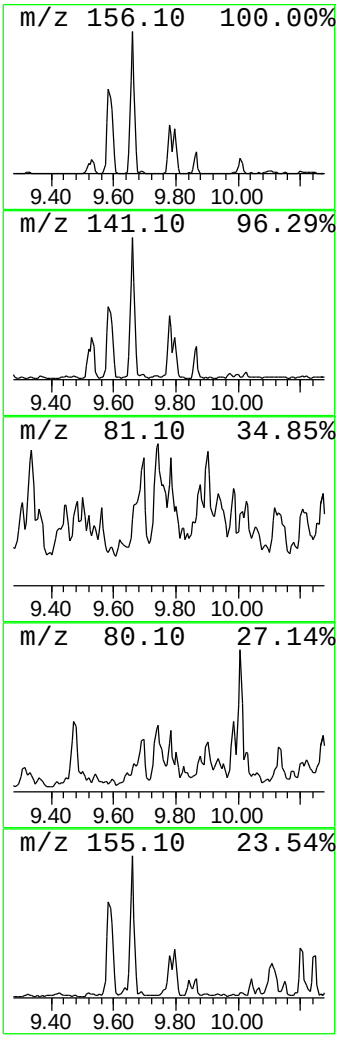
****

Peak Number 17 Naphthalene, 1,3-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.78	14.20 ng	952295	Acenaphthene-d10	10.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	83
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	58
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	53
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	53
5	4-(Methylthio)thiophenol	156	C7H8S2	001122-97-0	49





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061318\
Data File : BF106420.D
Acq On : 14 Jun 2018 4:49
Operator : JU/SJ
Sample : J3398-01
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-05

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

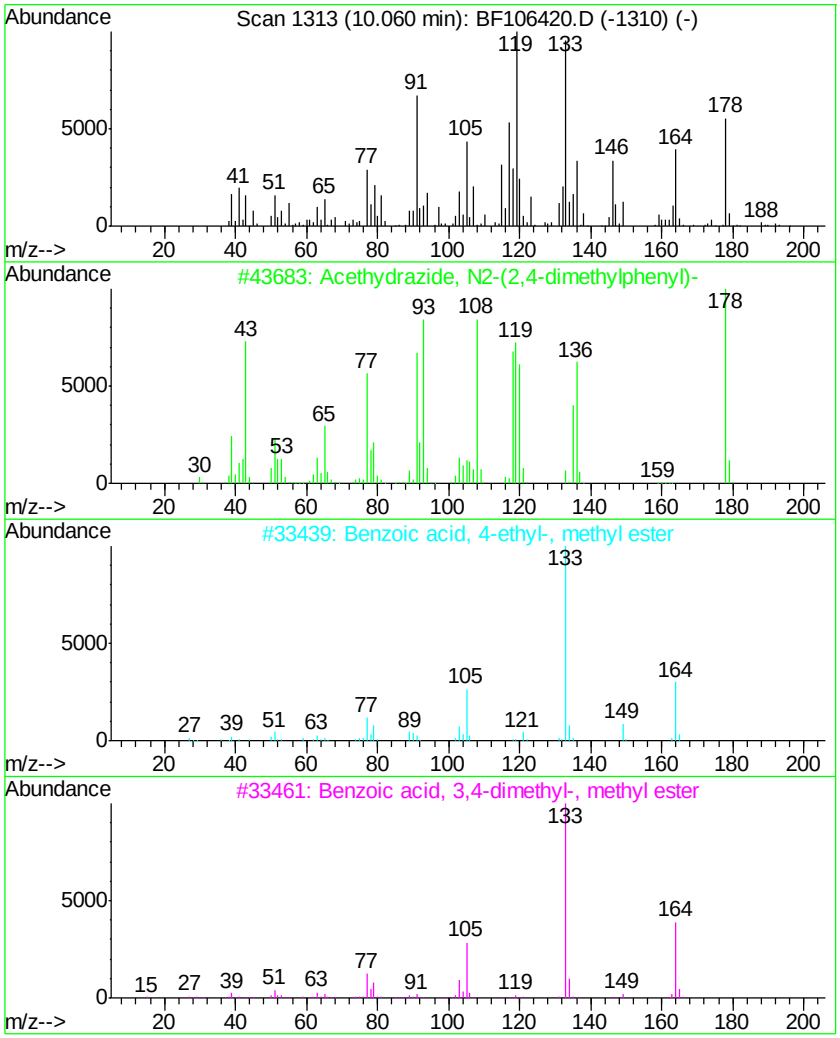
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

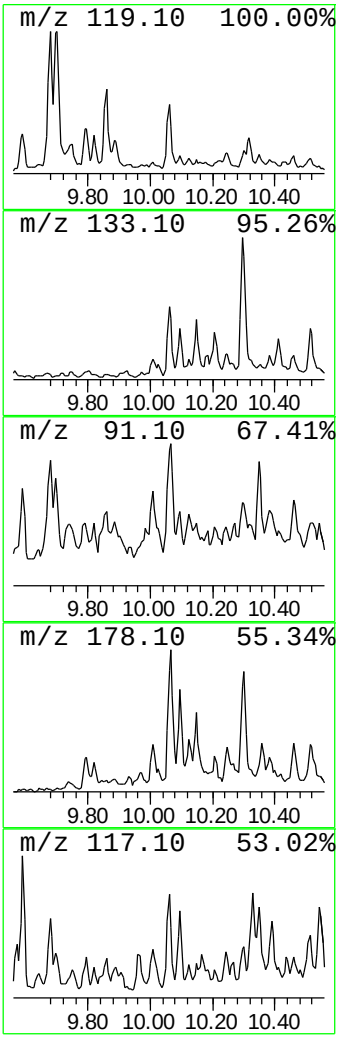
****

Peak Number 18 unknown10.06 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.06	10.52 ng	705490	Acenaphthene-d10	10.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acethydrazide, N2-(2,4-dimethylp...	178	C10H14N2O	158955-15-8	48
2	Benzoic acid, 4-ethyl-, methyl e...	164	C10H12O2	007364-20-7	35
3	Benzoic acid, 3,4-dimethyl-, met...	164	C10H12O2	038404-42-1	35
4	4-Ethylbenzamide	149	C9H11NO	033695-58-8	25
5	Benzoic acid, 2,5-dimethyl-, met...	164	C10H12O2	013730-55-7	25





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061318\
Data File : BF106420.D
Acq On : 14 Jun 2018 4:49
Operator : JU/SJ
Sample : J3398-01
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-05

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

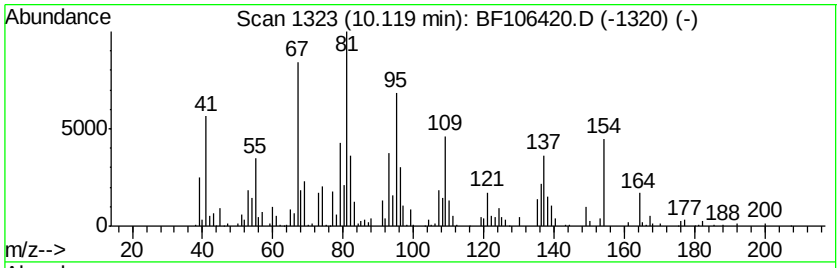
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

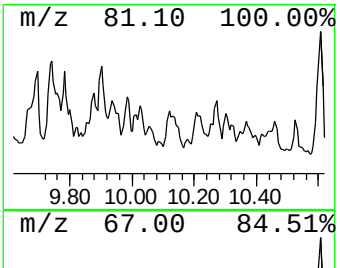
****

Peak Number 19 Cyclooctene, 1,2-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.12	8.67 ng	581482	Acenaphthene-d10	10.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclooctene, 1,2-dimethyl-	138	C10H18	054299-96-6	64
2	Cyclohexene,1-(2-methylpropyl)-	138	C10H18	003983-03-7	64
3	Cyclohexane, 1-methyl-4-(1-methy...	138	C10H18	001124-25-0	64
4	Cyclohexene, 1-butyl-	138	C10H18	003282-53-9	45
5	2(1H)-Pyridinone, 1-propyl-	137	C8H11NO	019006-63-4	45





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061318\
Data File : BF106420.D
Acq On : 14 Jun 2018 4:49
Operator : JU/SJ
Sample : J3398-01
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-05

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

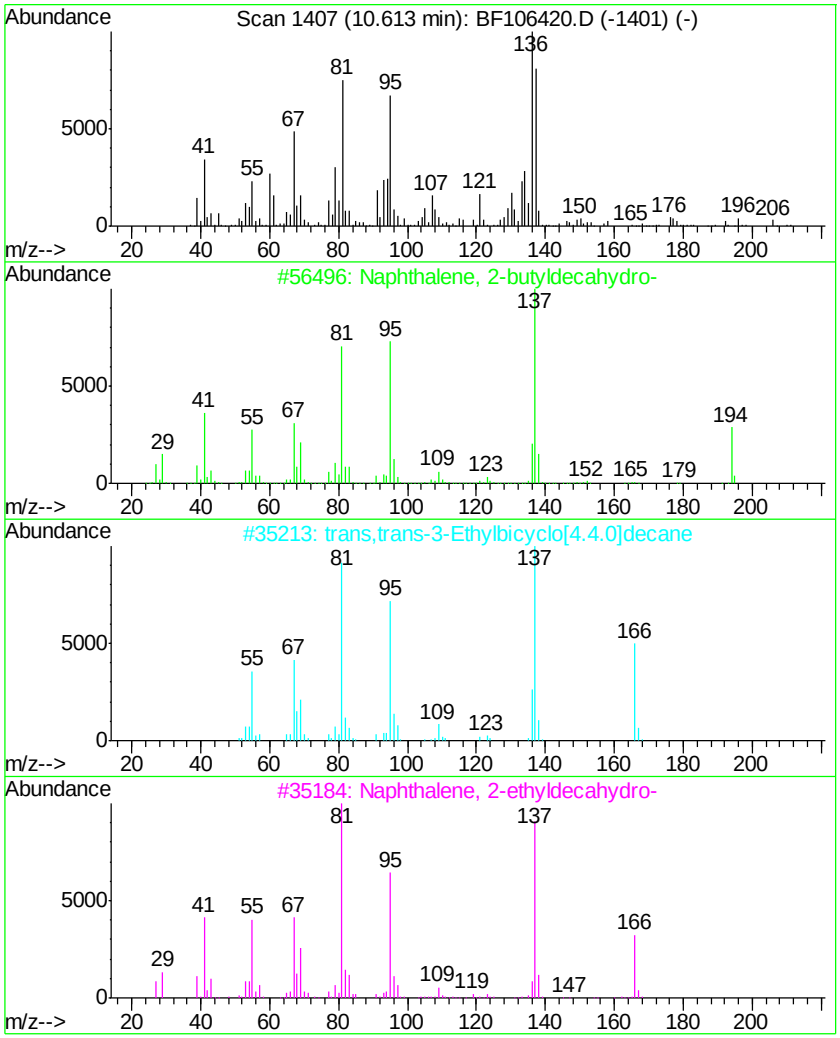
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

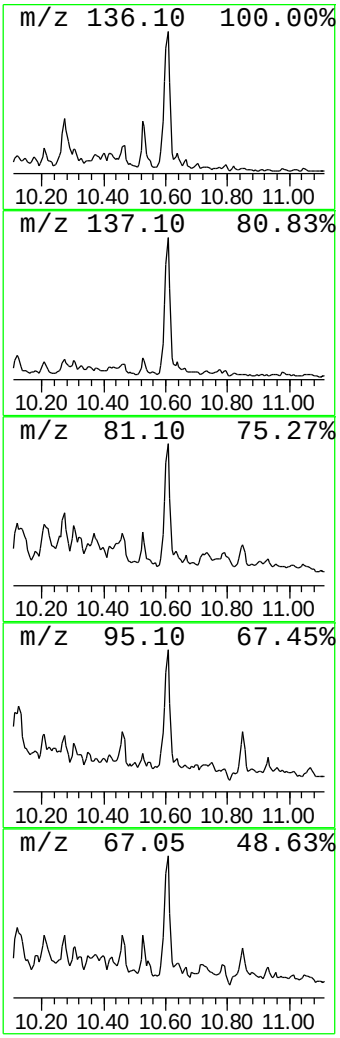
****

Peak Number 20 unknown10.61 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.61	32.02 ng	2147750	Acenaphthene-d10	10.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-butyldecahydro-	194	C14H26	006305-52-8	49
2	trans,trans-3-Ethylbicyclo[4.4.0...	166	C12H22	058462-32-1	38
3	Naphthalene, 2-ethyldecahydro-	166	C12H22	001618-23-1	38
4	Phenol, 3-(dimethylamino)-	137	C8H11NO	000099-07-0	27
5	Cyclohexene, 1-methyl-3-(formylm...	138	C9H14O	129993-40-4	15





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF061318\
Data File : BF106420.D
Acq On : 14 Jun 2018 4:49
Operator : JU/SJ
Sample : J3398-01
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-05

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.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-Hexanol, (R)-	3.98	11.0	ng	529929	1	6.97	966677	20.0
unknown6.75	6.75	61.9	ng	2992880	1	6.97	966677	20.0
Benzene, 1,3-diet...	7.21	22.2	ng	1074350	1	6.97	966677	20.0
Benzene, 1,2-diet...	7.30	15.7	ng	759662	1	6.97	966677	20.0
Benzene, 1,2,3,5-...	7.73	10.2	ng	1359070	2	8.25	2659300	20.0
1-Phenyl-1-butene	7.98	28.4	ng	3772250	2	8.25	2659300	20.0
Cycloheptane, 1-c...	8.62	10.8	ng	1430120	2	8.25	2659300	20.0
Naphthalene, 1,2,...	8.75	10.1	ng	1344800	2	8.25	2659300	20.0
unknown9.16	9.16	10.7	ng	715232	3	10.01	1341600	20.0
unknown9.19	9.19	13.4	ng	896026	3	10.01	1341600	20.0
5,5-Dimethyl-1,3-...	9.24	10.0	ng	672873	3	10.01	1341600	20.0
unknown9.47	9.47	15.2	ng	1021600	3	10.01	1341600	20.0
Naphthalene, 1,7-...	9.59	12.3	ng	827434	3	10.01	1341600	20.0
Naphthalene, 1,4-...	9.66	15.9	ng	1070090	3	10.01	1341600	20.0
Bicyclo[3.3.1]non...	9.74	17.4	ng	1167700	3	10.01	1341600	20.0
Naphthalene, 1,3-...	9.78	14.2	ng	952295	3	10.01	1341600	20.0
unknown10.06	10.06	10.5	ng	705490	3	10.01	1341600	20.0
Cyclooctene, 1,2-...	10.12	8.7	ng	581482	3	10.01	1341600	20.0
unknown10.61	10.61	32.0	ng	2147750	3	10.01	1341600	20.0