LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082520\
Data File : BF121440.D
Acq On : 25 Aug 2020 21:47
Operator : JU/CG
Sample : L3788-03 20X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1794

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-BF081920.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	2.340	40	43	50	rVB	18425	29711	2.31%	0.308%
2	4.581	395	424	427	rBV	51423	275041	21.36%	2.852%
3	5.004	491	496	506	rVB2	21005	37585	2.92%	0.390%
4	5.316	546	549	566	rBV	69966	94544	7.34%	0.981%
5	5.481	571	577	586	rBV4	37798	83469	6.48%	0.866%
6	5.551	586	589	593	rVB	20098	20792	1.61%	0.216%
7	6.110	680	684	689	rVB5	20021	36202	2.81%	0.375%
8	6.357	723	726	728	rBV	86929	106152	8.24%	1.101%
9	6.387	729	731	740	rVB	109067	144457	11.22%	1.498%
10	6.569	756	762	770	rVB4	16489	27134	2.11%	0.281%
11	6.692	780	783	793	rBV	913930	825074	64.08%	8.557%
12	6.851	805	810	818	rVB7	13734	28596	2.22%	0.297%
13	6.981	829	832	837	rBV	24776	28337	2.20%	0.294%
14	7.098	849	852	861	rBV6	11603	29739	2.31%	0.308%
15	7.257	877	879	886	rBV2	87411	120969	9.39%	1.255%
16	7.310	886	888	891	rVB	26270	22112	1.72%	0.229%
17	7.445	904	911	917	rBV7	16293	27412	2.13%	0.284%
18	7.751	958	963	969	rBV	47903	66492	5.16%	0.690%
19	7.981	998	1002	1005	rBV	1217321	1038750	80.67%	10.773%
20	8.192	1034	1038	1040	rBV	33051	35514	2.76%	0.368%
21	8.245	1044	1047	1049	rBV2	17015	20667	1.61%	0.214%
22	8.369	1061	1068	1071	rBV	55680	75969	5.90%	0.788%
23	8.422	1074	1077	1083	rVB2	37018	46430	3.61%	0.482%
24	8.510	1088	1092	1094	rVB	42655	34714	2.70%	0.360%
25	8.575	1100	1103	1107	rBV3	24034	29612	2.30%	0.307%
26	8.633	1107	1113	1114	rBV5	10955	20309	1.58%	0.211%
27	8.710	1123	1126	1129	rBV3	21913	26878	2.09%	0.279%
28	8.863	1149	1152	1155	rBV3	16211	20593	1.60%	0.214%
29	8.928	1161	1163	1167	rBV5	15904	22186	1.72%	0.230%
30	8.975	1167	1171	1175	rBV2	91906	114393	8.88%	1.186%
31	9.051	1180	1184	1194	rVB	261268	233224	18.11%	2.419%
32	9.145	1194	1200	1207	rBV8	37631	86950	6.75%	0.902%
33	9.251	1215	1218	1224	rBV	122192	137538	10.68%	1.426%
34	9.322	1227	1230	1232	rBV3	43611	45877	3.56%	0.476%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082520\
Data File : BF121440.D
Acq On : 25 Aug 2020 21:47
Operator : JU/CG
Sample : L3788-03 20X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1794

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-BF081920.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	9.445	1248	1251	1254	rBV4	48084	68169	5.29%	0.707%
36	9.604	1273	1278	1280	rBV3	43522	67603	5.25%	0.701%
37	9.639	1281	1284	1287	rBV3	68730	84646	6.57%	0.878%
38	9.728	1293	1299	1303	rBV	1342703	1287605	100.00%	13.354%
39	9.769	1303	1306	1308	rVV2	38422	36351	2.82%	0.377%
40	9.798	1309	1311	1315	rVB5	57135	59333	4.61%	0.615%
41	9.833	1315	1317	1320	rBV3	22026	25499	1.98%	0.264%
42	9.928	1330	1333	1336	rBV3	62226	61906	4.81%	0.642%
43	10.004	1343	1346	1351	rVB	90390	97336	7.56%	1.009%
44	10.051	1351	1354	1358	rBV3	67393	90901	7.06%	0.943%
45	10.092	1359	1361	1363	rBV2	45227	39144	3.04%	0.406%
46	10.133	1364	1368	1370	rBV4	89708	104645	8.13%	1.085%
47	10.163	1370	1373	1375	rBV3	45147	44379	3.45%	0.460%
48	10.269	1389	1391	1393	rBV	65425	57985	4.50%	0.601%
49	10.522	1432	1434	1437	rBV	117050	87310	6.78%	0.905%
50	11.110	1532	1534	1539	rVB	186653	209036	16.23%	2.168%
51	11.216	1549	1552	1555	rBV	1300395	1102080	85.59%	11.430%
52	12.798	1819	1821	1824	rVB	244755	183393	14.24%	1.902%
53	13.857	1997	2001	2004	rVB	1051431	930944	72.30%	9.655%
54	15.274	2237	2242	2248	rVB	801650	1010534	78.48%	10.480%

Sum of corrected areas: 9642221

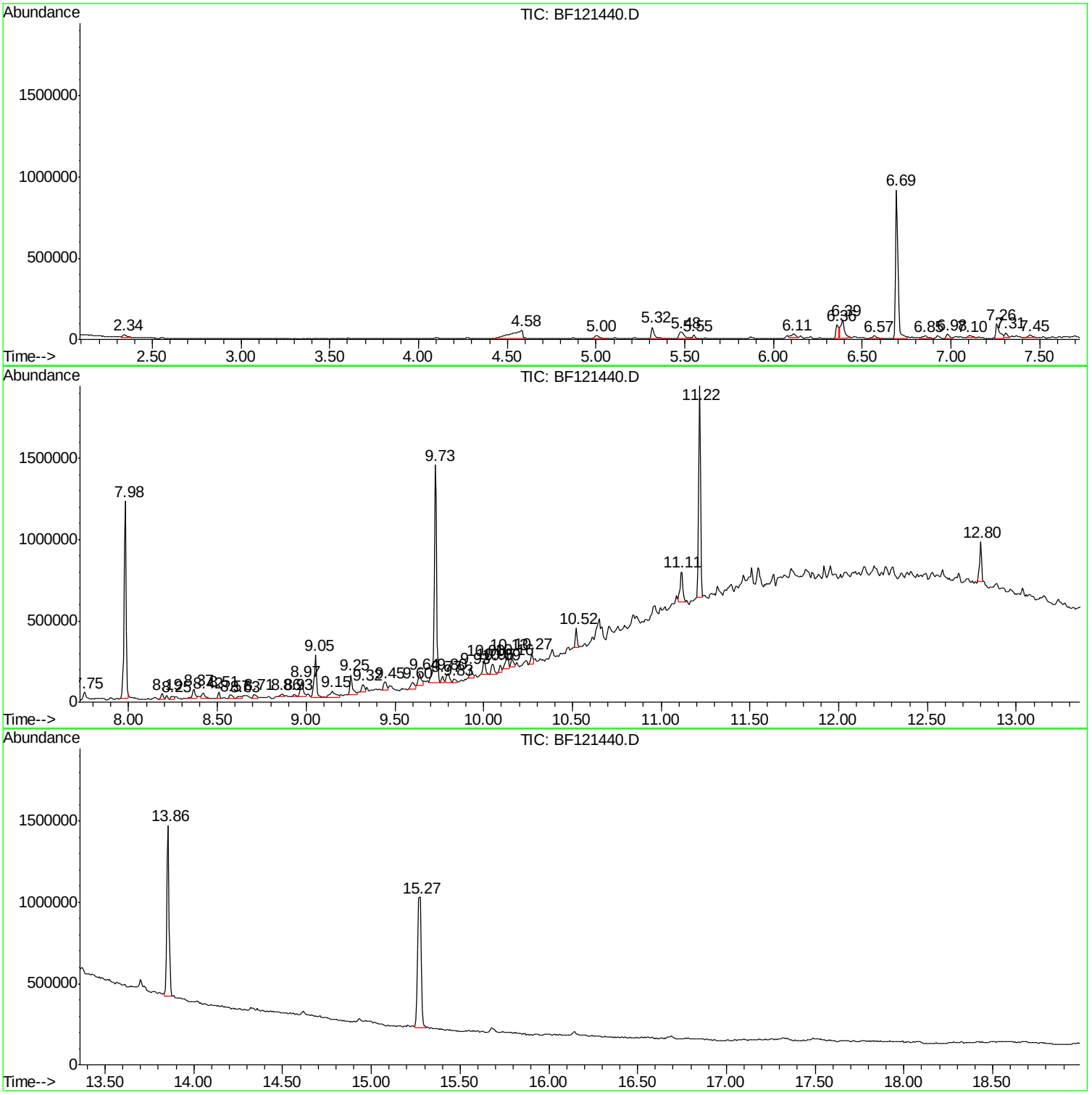
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082520\
Data File : BF121440.D
Acq On : 25 Aug 2020 21:47
Operator : JU/CG
Sample : L3788-03 20X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1794

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082520\
Data File : BF121440.D
Acq On : 25 Aug 2020 21:47
Operator : JU/CG
Sample : L3788-03 20X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1794

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

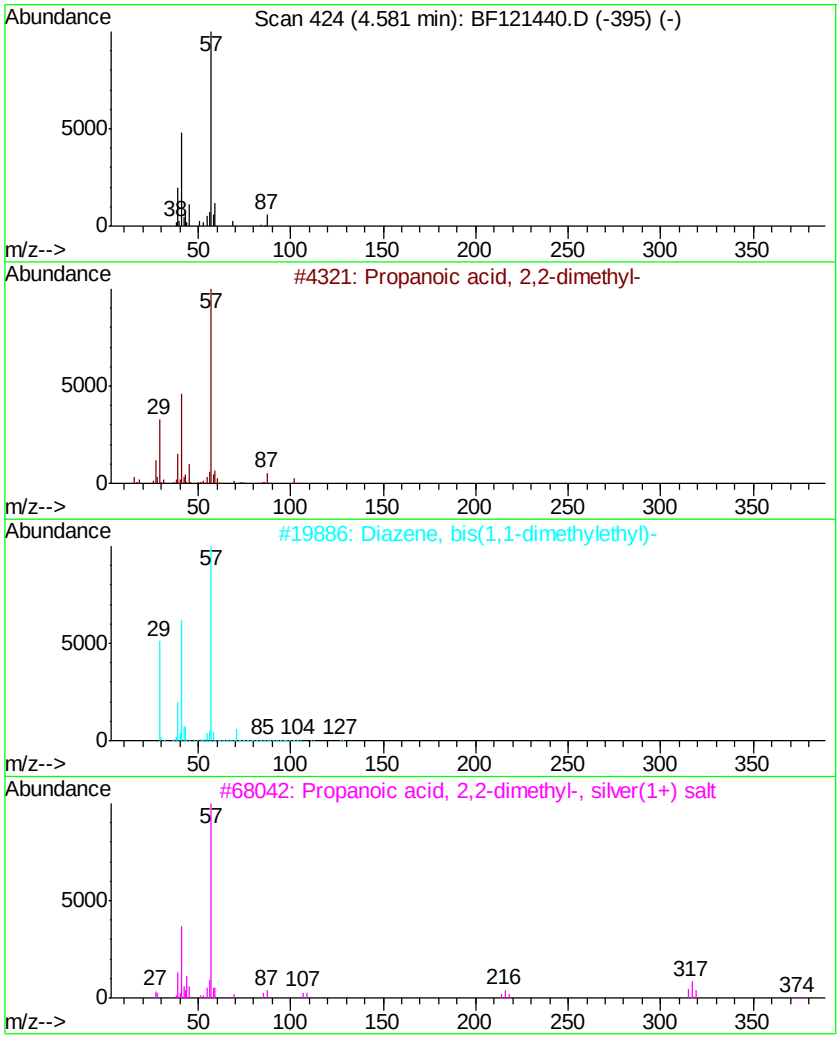
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

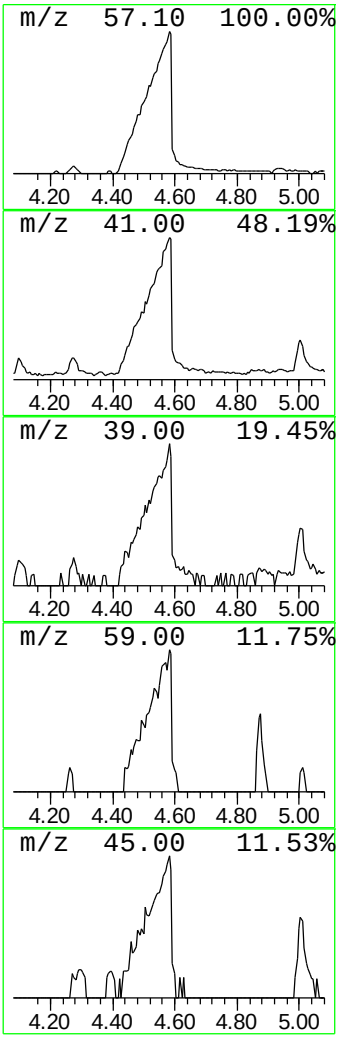
****

Peak Number 1 Propanoic acid, 2,2-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.58	6.67 ng	275041	1,4-Dichlorobenzene-d4	6.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, 2,2-dimethyl-	102	C5H10O2	000075-98-9	83
2	Diazene, bis(1,1-dimethylethyl)-	142	C8H18N2	000927-83-3	50
3	Propanoic acid, 2,2-dimethyl-, s...	208	C5H9AgO2	007324-58-5	45
4	Propane, 2-methyl-2-nitro-	103	C4H9NO2	000594-70-7	38
5	1-Butanol, 3,3-dimethyl-	102	C6H14O	000624-95-3	38





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082520\
Data File : BF121440.D
Acq On : 25 Aug 2020 21:47
Operator : JU/CG
Sample : L3788-03 20X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
1794

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

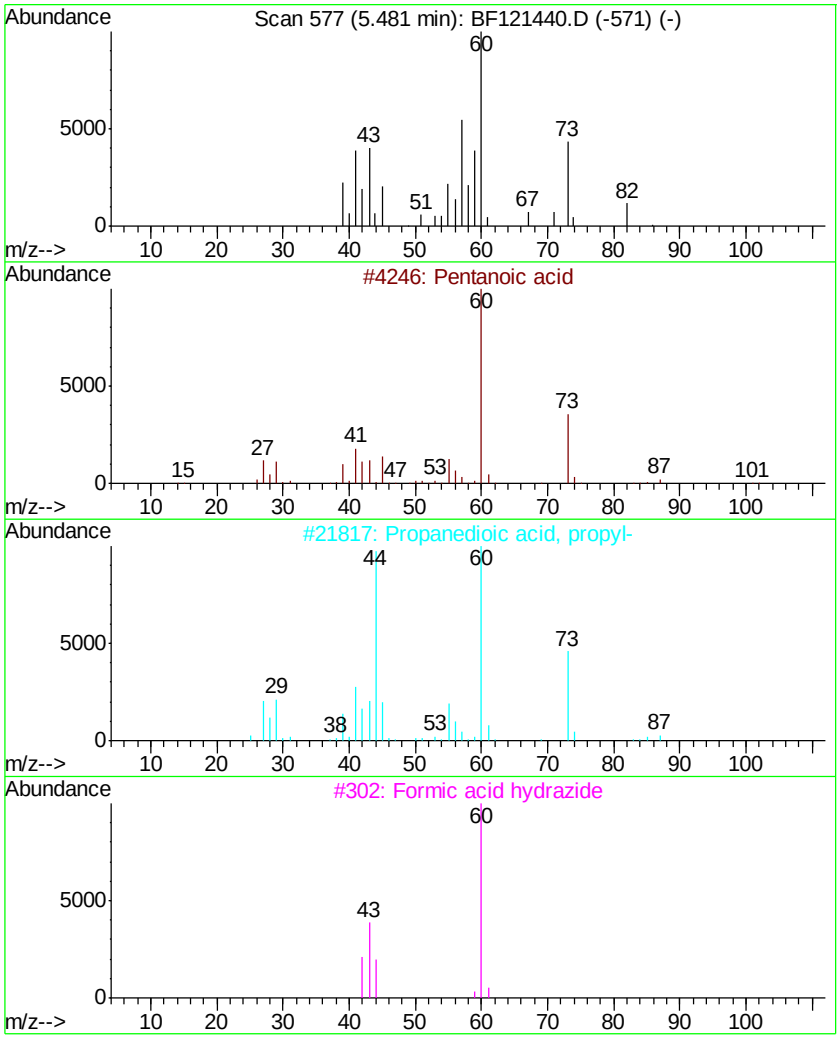
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

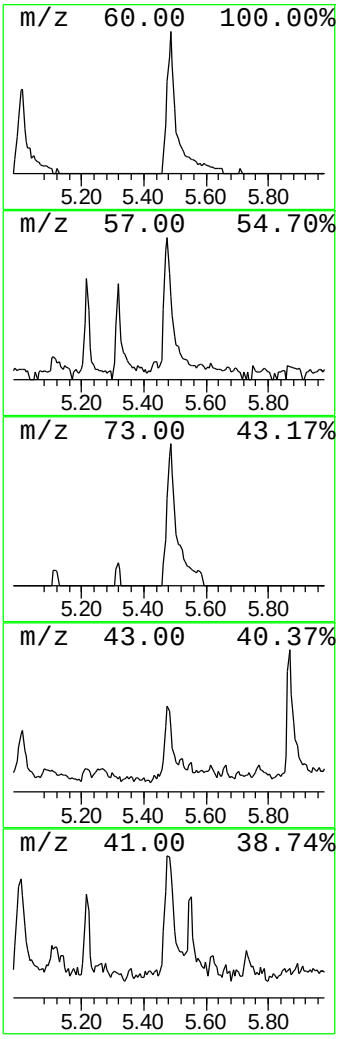
****

Peak Number 2 unknown5.48 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.48	2.02 ng	83469	1,4-Dichlorobenzene-d4	6.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentanoic acid	102	C5H10O2	000109-52-4	28
2	Propanedioic acid, propyl-	146	C6H10O4	000616-62-6	28
3	Formic acid hydrazide	60	CH4N2O	000624-84-0	17
4	tert-Butyl Hydroperoxide	90	C4H10O2	000075-91-2	10
5	Hydrazine, 1,1-dimethyl-	60	C2H8N2	000057-14-7	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082520\
Data File : BF121440.D
Acq On : 25 Aug 2020 21:47
Operator : JU/CG
Sample : L3788-03 20X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1794

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

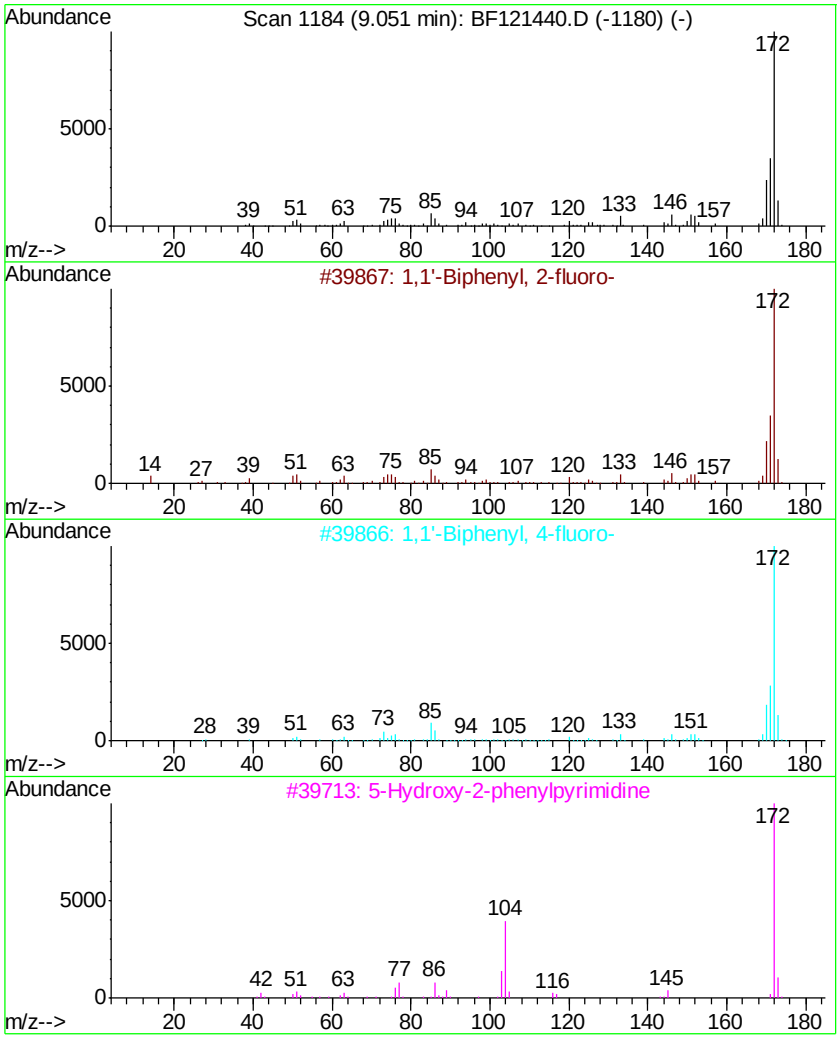
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

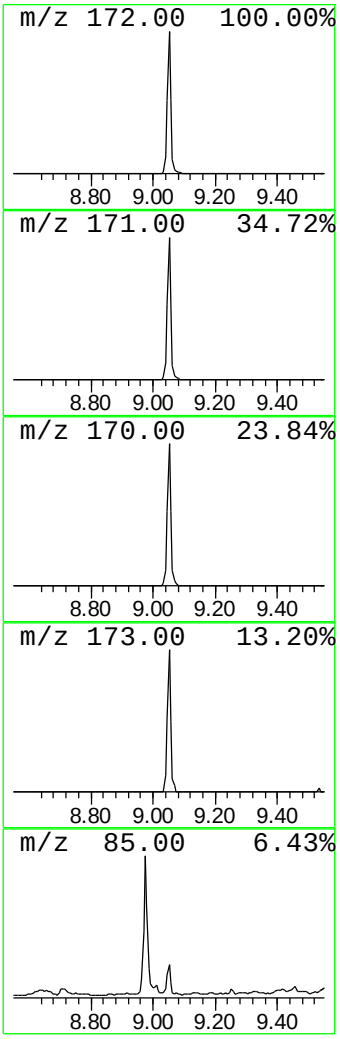
****

Peak Number 3 1,1'-Biphenyl, 2-fluoro- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.05	3.62 ng	233224	Acenaphthene-d10	9.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2-fluoro-	172	C12H9F	000321-60-8	96
2	1,1'-Biphenyl, 4-fluoro-	172	C12H9F	000324-74-3	93
3	5-Hydroxy-2-phenylpyrimidine	172	C10H8N2O	066739-85-3	47
4	4-(2-Hydroxyphenyl)pyrimidine	172	C10H8N2O	068535-55-7	42
5	4-Pyrimidinol, 5-phenyl-	172	C10H8N2O	022433-69-8	42





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082520\
Data File : BF121440.D
Acq On : 25 Aug 2020 21:47
Operator : JU/CG
Sample : L3788-03 20X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1794

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

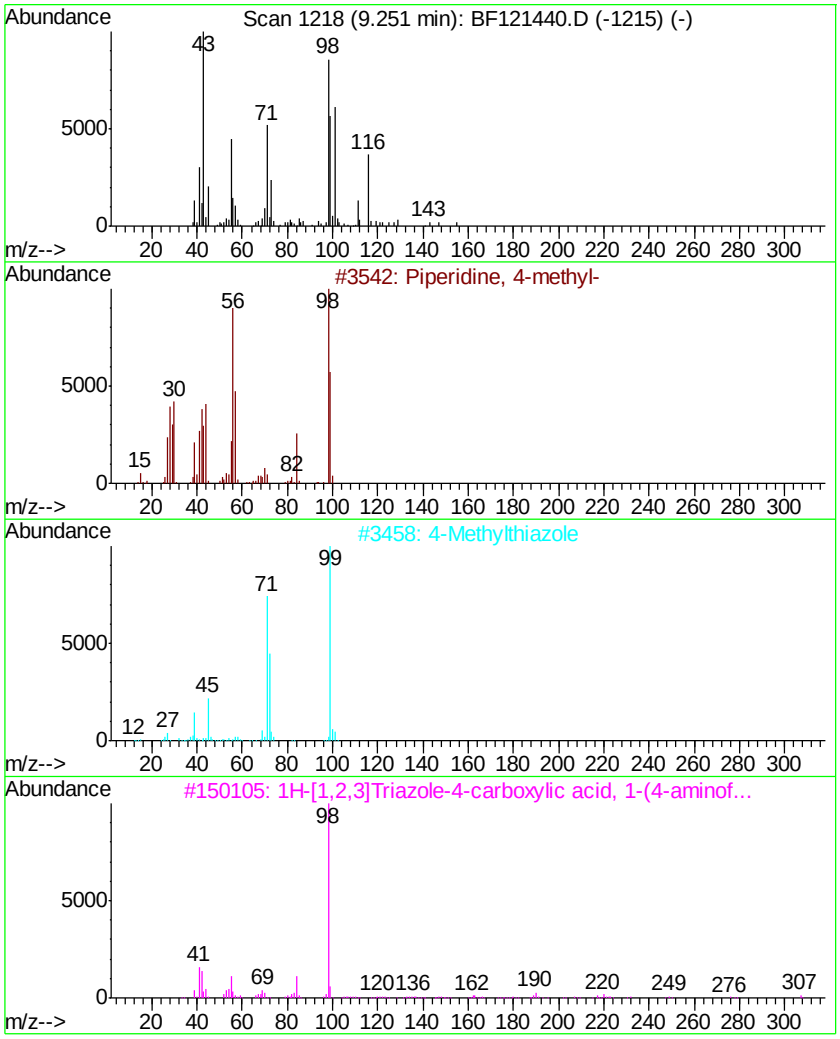
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

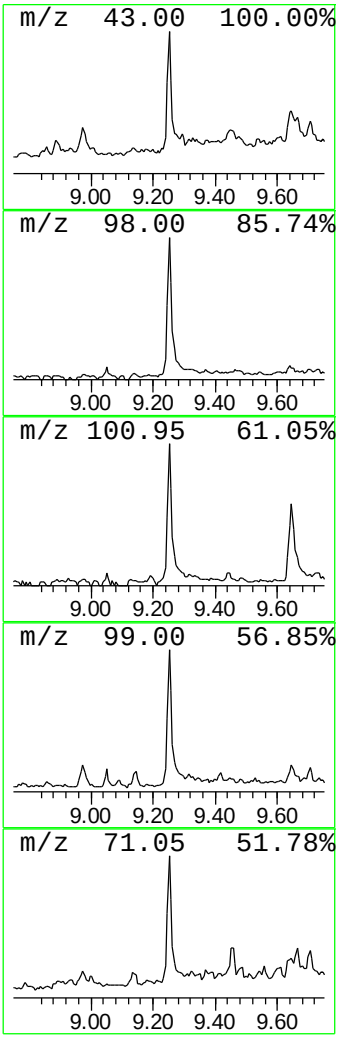
****

Peak Number 4 unknown9.25 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.25	2.14 ng	137538	Acenaphthene-d10	9.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Piperidine, 4-methyl-	99	C6H13N	000626-58-4	35
2	4-Methylthiazole	99	C4H5NS	000693-95-8	22
3	1H-[1,2,3]Triazole-4-carboxylic ...	307	C12H17N7O3	1000302-67-2	14
4	2-Ethylbutyric acid, isohexyl ester	200	C12H24O2	1000340-24-0	14
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	14





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082520\
Data File : BF121440.D
Acq On : 25 Aug 2020 21:47
Operator : JU/CG
Sample : L3788-03 20X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1794

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

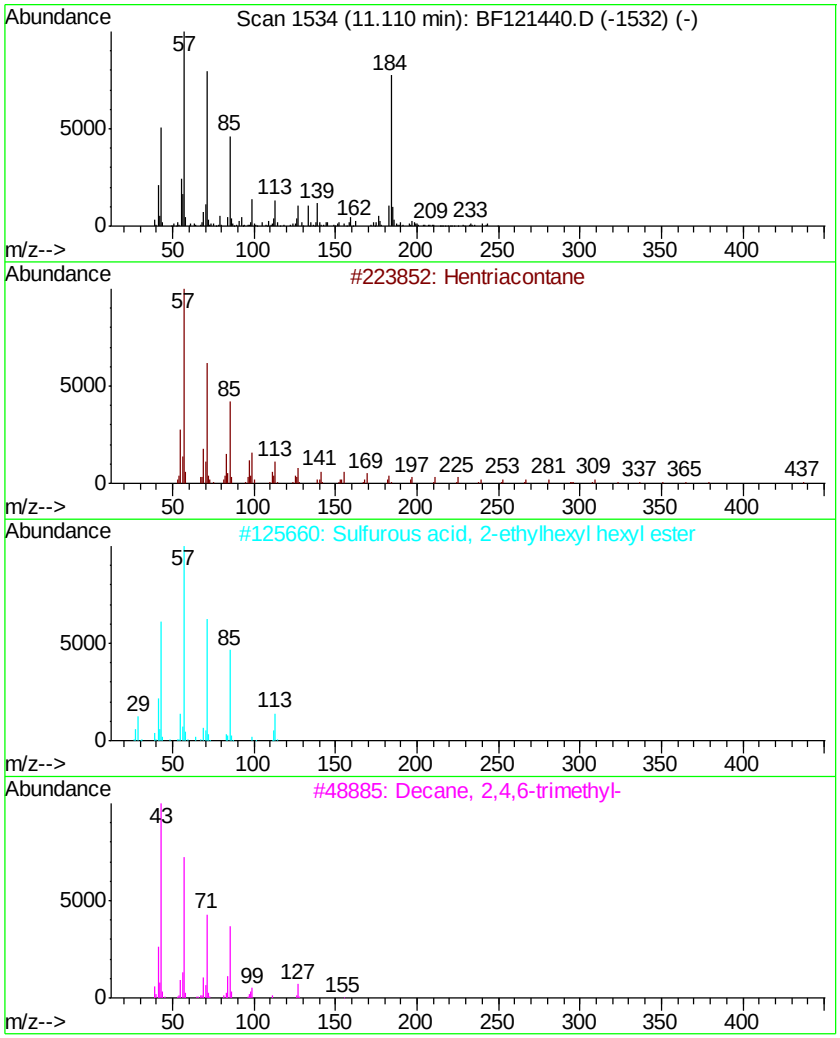
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

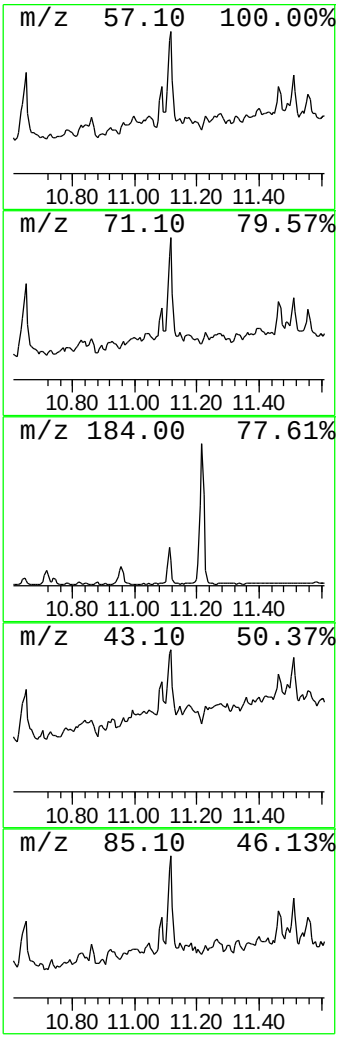
****

Peak Number 5 unknown11.11 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.11	3.79 ng	209036	Phenanthrene-d10	11.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hentriacontane	437	C31H64	000630-04-6	46
2	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	43
3	Decane, 2,4,6-trimethyl-	184	C13H28	062108-27-4	38
4	Dibenzothiophene	184	C12H8S	000132-65-0	38
5	Hexadecane, 7-methyl-	240	C17H36	026730-20-1	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082520\
Data File : BF121440.D
Acq On : 25 Aug 2020 21:47
Operator : JU/CG
Sample : L3788-03 20X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1794

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081920.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
Propanoic acid, 2...	4.58	6.7	ng	275041	1	6.69	825074	20.0
unknown5.48	5.48	2.0	ng	83469	1	6.69	825074	20.0
1,1'-Biphenyl, 2-...	9.05	3.6	ng	233224	3	9.73	1287610	20.0
unknown9.25	9.25	2.1	ng	137538	3	9.73	1287610	20.0
unknown11.11	11.11	3.8	ng	209036	4	11.22	1102080	20.0