LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100121\
Data File : BN016628.D
Acq On : 01 Oct 2021 09:34
Operator : CG/JU
Sample : M3833-19
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : EB02-20210920

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % 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_N\METHODS\8270-SIM-BN100121.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BN016628.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.272	18	21	22	rBV	11607	16987	6.63%	0.481%
2	3.816	76	80	98	rVB	9671	42461	16.56%	1.203%
3	4.093	102	110	123	rVB	14169	51631	20.14%	1.463%
4	4.821	185	189	208	rVB	113149	256345	100.00%	7.264%
5	5.227	229	233	236	rBV	13506	32181	12.55%	0.912%
6	5.503	259	263	275	rBV2	22898	75635	29.51%	2.143%
7	5.752	284	290	301	rVB2	12500	39982	15.60%	1.133%
8	6.822	403	406	415	rVB2	4145	10765	4.20%	0.305%
9	7.025	424	428	433	rVB	4420	9467	3.69%	0.268%
10	7.264	451	454	459	rVB	6540	12935	5.05%	0.367%
11	7.643	490	495	499	rBV	44234	92918	36.25%	2.633%
12	7.707	499	502	507	rVB	28461	48349	18.86%	1.370%
13	7.864	516	519	524	rVB2	3909	8407	3.28%	0.238%
14	8.251	558	561	565	rBV	3866	10013	3.91%	0.284%
15	8.306	565	567	569	rVB2	6858	6863	2.68%	0.194%
16	8.442	575	578	582	rBV	14309	28305	11.04%	0.802%
17	8.785	602	605	610	rVB	22067	42389	16.54%	1.201%
18	8.886	610	613	616	rBV2	6784	13682	5.34%	0.388%
19	9.456	655	658	662	rBV	6331	12238	4.77%	0.347%
20	9.824	684	687	690	rBV	9611	16317	6.37%	0.462%
21	10.191	713	716	720	rBV	8897	16439	6.41%	0.466%
22	10.407	729	733	736	rBV	94360	168896	65.89%	4.786%
23	10.458	736	737	740	rVB	10675	13774	5.37%	0.390%
24	10.774	759	762	766	rBV2	3279	8969	3.50%	0.254%
25	10.964	774	777	779	rBV3	4100	7918	3.09%	0.224%
26	11.053	779	784	789	rVV	28423	56192	21.92%	1.592%
27	11.155	789	792	794	rVV2	3501	9735	3.80%	0.276%
28	11.205	794	796	801	rVB3	4305	8684	3.39%	0.246%
29	11.408	807	812	817	rVB2	5229	13576	5.30%	0.385%
30	11.683	849	859	866	rBV2	10382	15447	6.03%	0.438%
31	11.741	866	872	882	rVB	8648	13474	5.26%	0.382%
32	12.003	922	931	942	rBV	42411	67607	26.37%	1.916%
33	12.079	942	948	957	rVB2	2181	3721	1.45%	0.105%
34	12.274	986	992	996	rBV	1675	2769	1.08%	0.078%
35	12.569	1046	1049	1051	rVB	6706	9726	3.79%	0.276%
36	12.670	1051	1057	1061	rVB3	5107	16210	6.32%	0.459%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100121\
Data File : BN016628.D
Acq On : 01 Oct 2021 09:34
Operator : CG/JU
Sample : M3833-19
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : EB02-20210920

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % 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_N\METHODS\8270-SIM-BN100121.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	12.810	1066	1068	1071	rVV	9293	14770	5.76%	0.419%
38	12.886	1071	1074	1078	rVB	77540	131697	51.37%	3.732%
39	13.178	1094	1097	1102	rBV2	25101	51025	19.90%	1.446%
40	13.406	1112	1115	1119	rBV	25995	58289	22.74%	1.652%
41	13.470	1119	1120	1122	rVV	10596	14179	5.53%	0.402%
42	13.520	1122	1124	1127	rVV2	8236	17036	6.65%	0.483%
43	13.647	1131	1134	1136	rVV2	8645	22087	8.62%	0.626%
44	13.711	1136	1139	1141	rVV2	25807	56542	22.06%	1.602%
45	13.749	1141	1142	1146	rVV2	14051	26963	10.52%	0.764%
46	13.838	1146	1149	1152	rVB	107031	156539	61.07%	4.436%
47	14.269	1178	1183	1187	rBV2	130941	235193	91.75%	6.664%
48	14.383	1187	1192	1194	rVV4	3300	11208	4.37%	0.318%
49	14.802	1223	1225	1228	rBV	7676	12796	4.99%	0.363%
50	14.878	1228	1231	1234	rVB	9330	17907	6.99%	0.507%
51	14.954	1234	1237	1239	rBV2	5124	11387	4.44%	0.323%
52	15.005	1239	1241	1246	rVV3	7023	16348	6.38%	0.463%
53	15.106	1246	1249	1252	rVB	89809	116369	45.40%	3.297%
54	15.423	1271	1274	1276	rVB2	5212	7858	3.07%	0.223%
55	15.639	1288	1291	1296	rBV2	76106	124710	48.65%	3.534%
56	15.766	1296	1301	1303	rVV3	11849	29160	11.38%	0.826%
57	15.855	1306	1308	1312	rVV	16758	28188	11.00%	0.799%
58	15.969	1315	1317	1321	rVB2	6534	11565	4.51%	0.328%
59	16.628	1369	1371	1374	rBV2	11283	15636	6.10%	0.443%
60	16.908	1391	1394	1398	rBV2	4512	8041	3.14%	0.228%
61	17.018	1398	1403	1406	rBV	97859	172489	67.29%	4.888%
62	17.602	1448	1451	1454	rBV	14030	20608	8.04%	0.584%
63	17.711	1455	1460	1462	rVV2	16859	29627	11.56%	0.840%
64	17.772	1462	1465	1467	rVV	11979	21443	8.36%	0.608%
65	17.833	1467	1470	1472	rVV	4980	7222	2.82%	0.205%
66	17.894	1472	1475	1478	rVV	18523	27114	10.58%	0.768%
67	18.457	1569	1574	1581	rBV2	2041	3336	1.30%	0.095%
68	18.805	1640	1644	1649	rBV	4421	5290	2.06%	0.150%
69	19.063	1690	1696	1712	rBV	122235	171278	66.82%	4.853%
70	19.679	1814	1820	1835	rBV	105548	133381	52.03%	3.780%
71	20.006	1885	1886	1888	rBV	14578	22645	8.83%	0.642%
72	21.026	1979	1982	1988	rVB	24816	33306	12.99%	0.944%
73	21.174	1993	1996	1998	rVV	29458	41496	16.19%	1.176%
74	21.238	1998	2002	2012	rVB2	114102	182963	71.37%	5.184%
75	22.109	2082	2084	2089	rVB2	7770	11031	4.30%	0.313%
76	22.396	2109	2111	2112	rVB	10035	12313	4.80%	0.349%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100121\
Data File : BN016628.D
Acq On : 01 Oct 2021 09:34
Operator : CG/JU
Sample : M3833-19
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : EB02-20210920

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % 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_N\METHODS\8270-SIM-BN100121.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	23.485	2415	2427	2458	rVB	89092	173682	67.75%	4.922%
78	25.768	3081	3094	3120	rVB5	857	3320	1.30%	0.094%

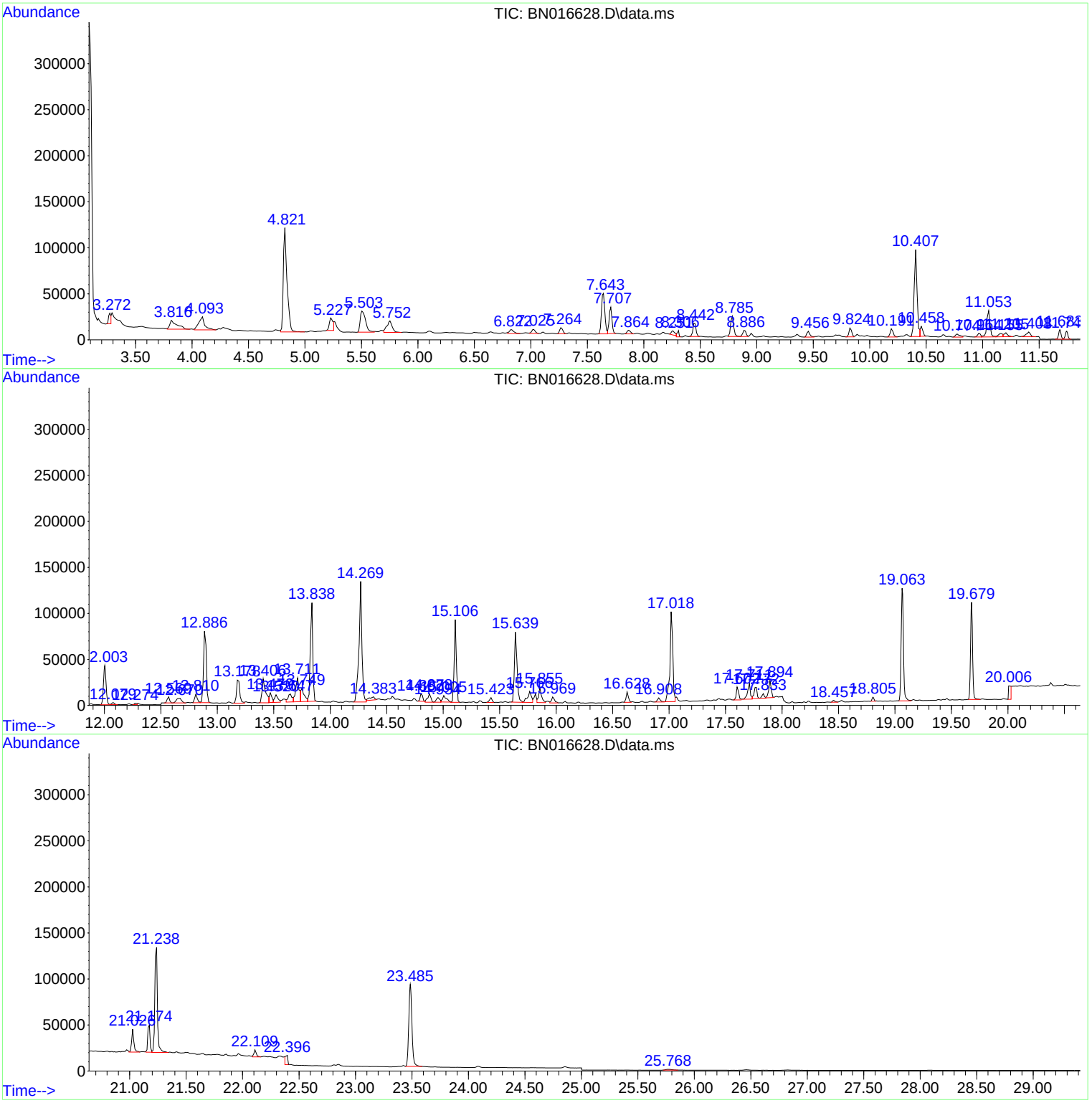
Sum of corrected areas: 3529044

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100121\
Data File : BN016628.D
Acq On : 01 Oct 2021 09:34
Operator : CG/JU
Sample : M3833-19
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
EB02-20210920

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100121\
Data File : BN016628.D
Acq On : 01 Oct 2021 09:34
Operator : CG/JU
Sample : M3833-19
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : EB02-20210920

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

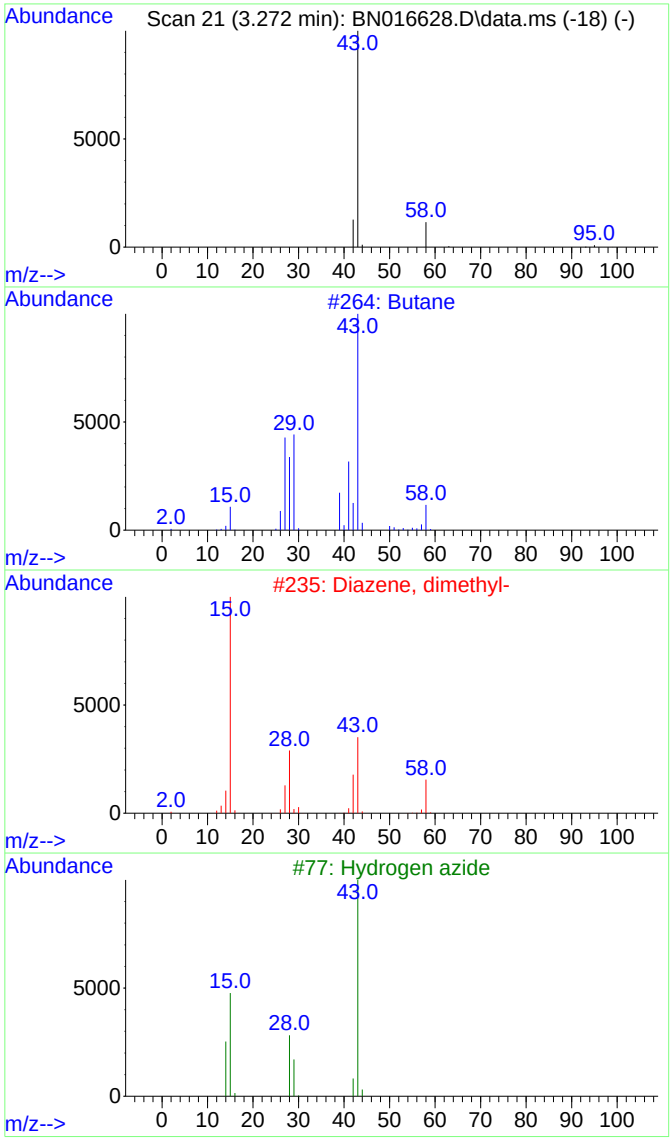
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

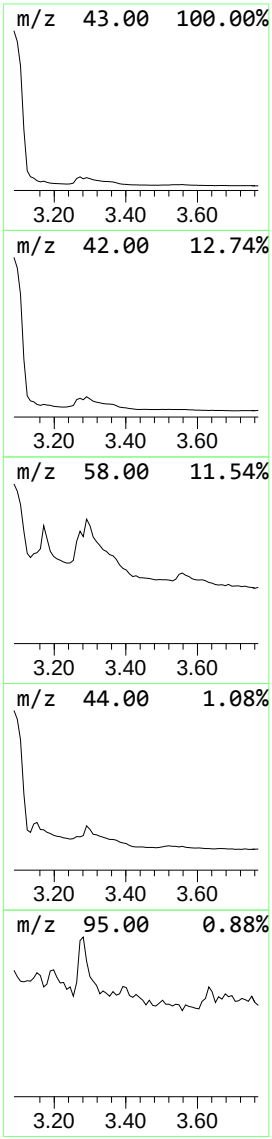
****

Peak Number 1 Butane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.272	0.07 ng	16987	1,4-Dichlorobenzene-d4	7.643

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane	58	C4H10	000106-97-8	5
2	Diazene, dimethyl-	58	C2H6N2	000503-28-6	3
3	Hydrogen azide	43	HN3	007782-79-8	3
4	Acetone	58	C3H6O	000067-64-1	2
5	Formic acid, chloro-, (3,4,4-tri...	194	C7H11ClO4	107323-92-2	2





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100121\
Data File : BN016628.D
Acq On : 01 Oct 2021 09:34
Operator : CG/JU
Sample : M3833-19
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
EB02-20210920

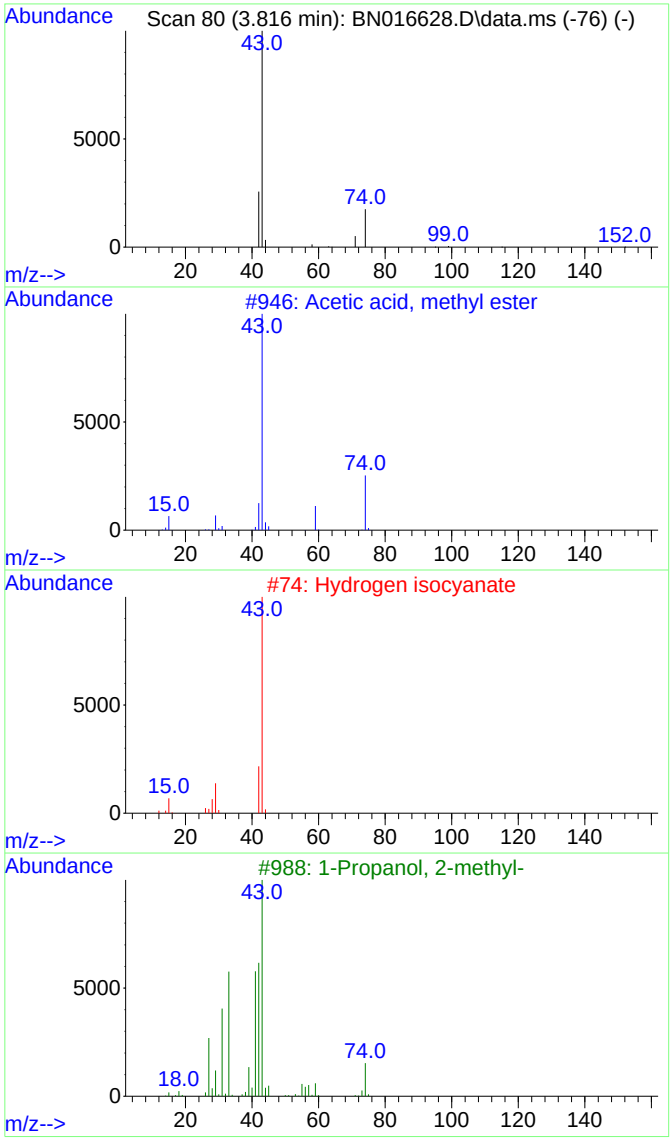
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

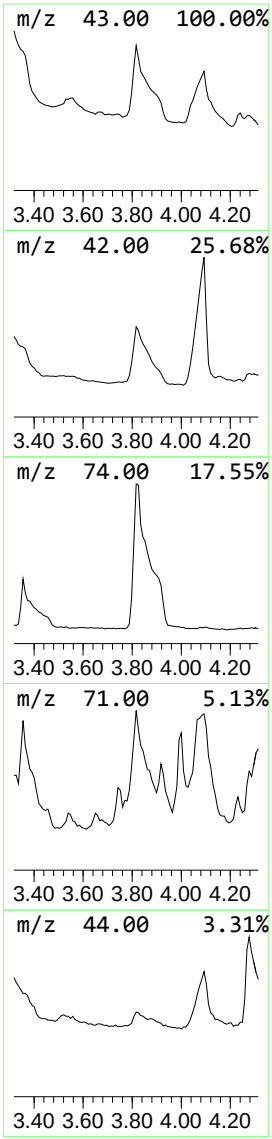
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Acetic acid, methyl ester Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.816	0.18 ng	42461	1,4-Dichlorobenzene-d4	7.643

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetic acid, methyl ester	74	C3H6O2	000079-20-9	5
2	Hydrogen isocyanate	43	CHNO	000075-13-8	4
3	1-Propanol, 2-methyl-	74	C4H10O	000078-83-1	4
4	Tetramethylammonium acetate	133	C6H15NO2	010581-12-1	4
5	Isobutane	58	C4H10	000075-28-5	4





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100121\
Data File : BN016628.D
Acq On : 01 Oct 2021 09:34
Operator : CG/JU
Sample : M3833-19
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : EB02-20210920

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

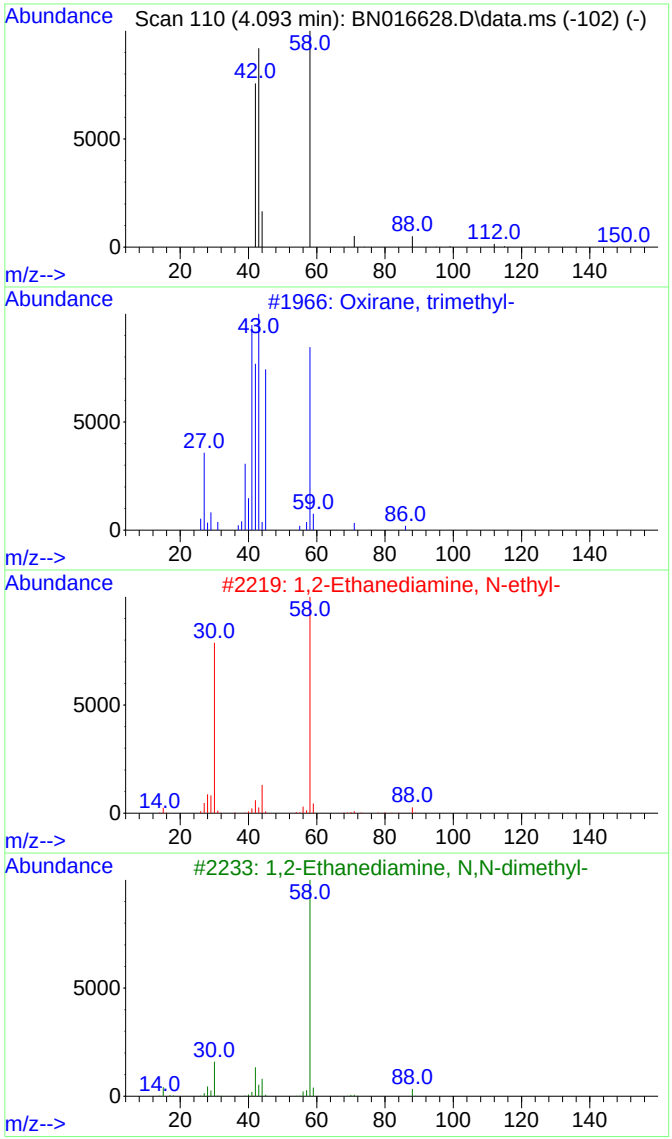
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

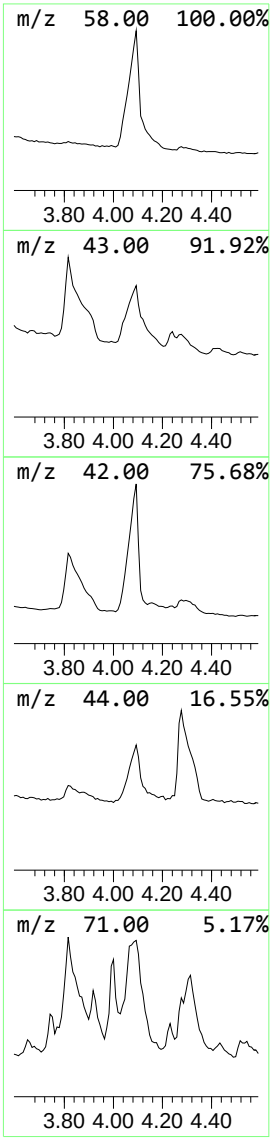
****

Peak Number 3 Oxirane, trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.093	0.22 ng	51631	1,4-Dichlorobenzene-d4	7.643

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, trimethyl-	86	C5H10O	005076-19-7	9
2	1,2-Ethanediamine, N-ethyl-	88	C4H12N2	000110-72-5	5
3	1,2-Ethanediamine, N,N-dimethyl-	88	C4H12N2	000108-00-9	5
4	beta-Alanine amide	88	C3H8N2O	004726-85-6	4
5	Butane	58	C4H10	000106-97-8	4





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100121\
Data File : BN016628.D
Acq On : 01 Oct 2021 09:34
Operator : CG/JU
Sample : M3833-19
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
EB02-20210920

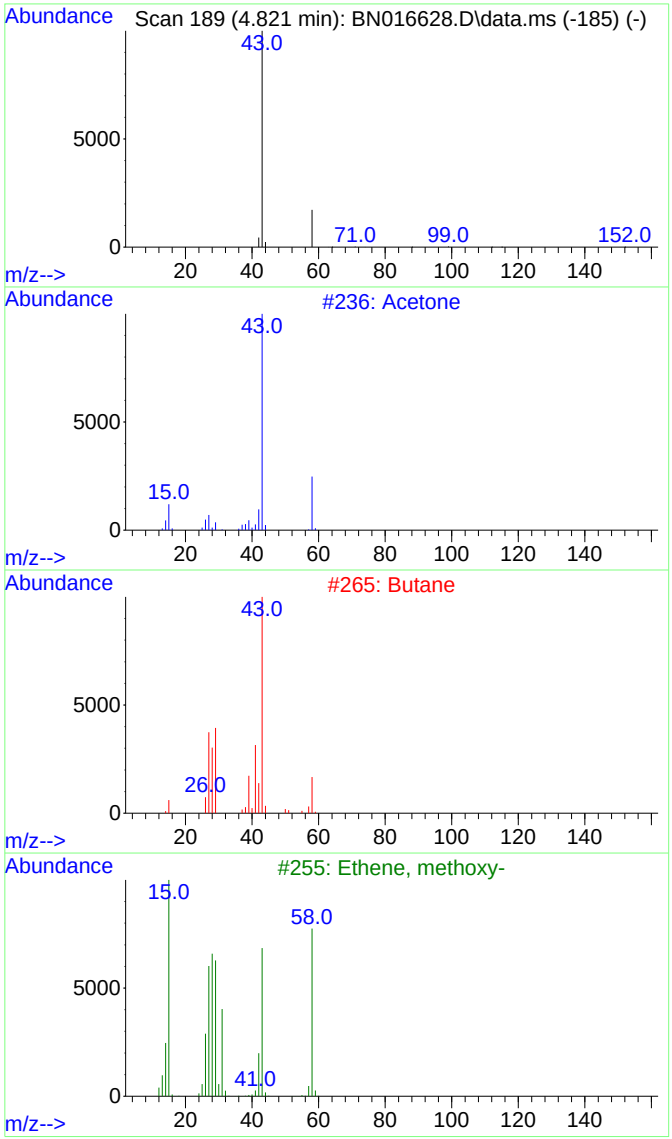
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

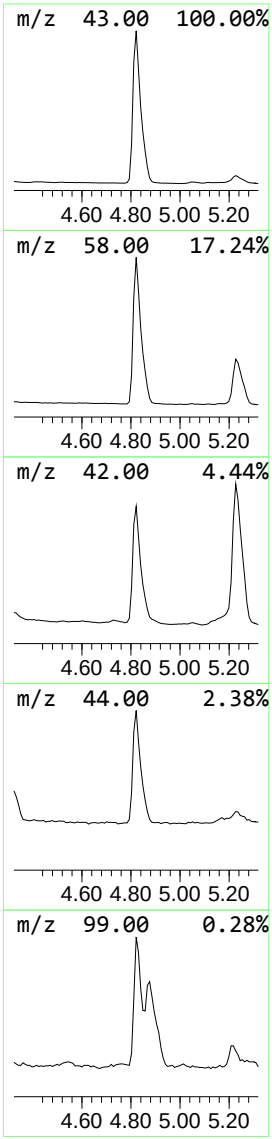
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Acetone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.821	1.10 ng	256345	1,4-Dichlorobenzene-d4	7.643

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetone	58	C3H6O	000067-64-1	4
2	Butane	58	C4H10	000106-97-8	4
3	Ethene, methoxy-	58	C3H6O	000107-25-5	3
4	Diazene, dimethyl-	58	C2H6N2	000503-28-6	3
5	Hydrogen isocyanate	43	CHNO	000075-13-8	2





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100121\
Data File : BN016628.D
Acq On : 01 Oct 2021 09:34
Operator : CG/JU
Sample : M3833-19
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
EB02-20210920

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

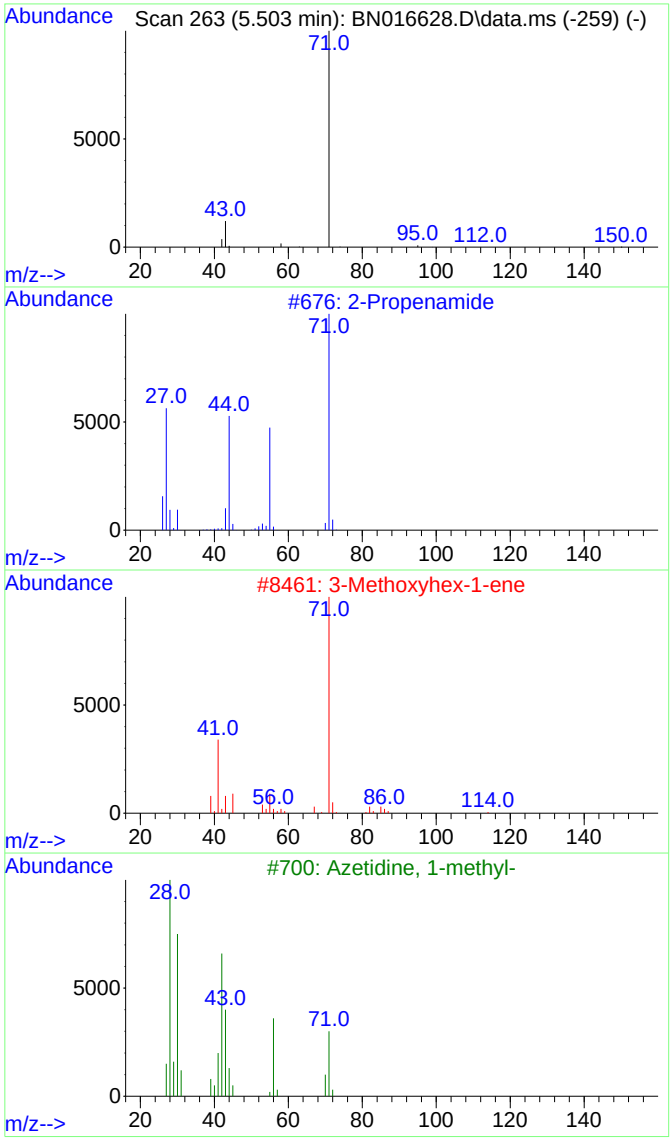
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

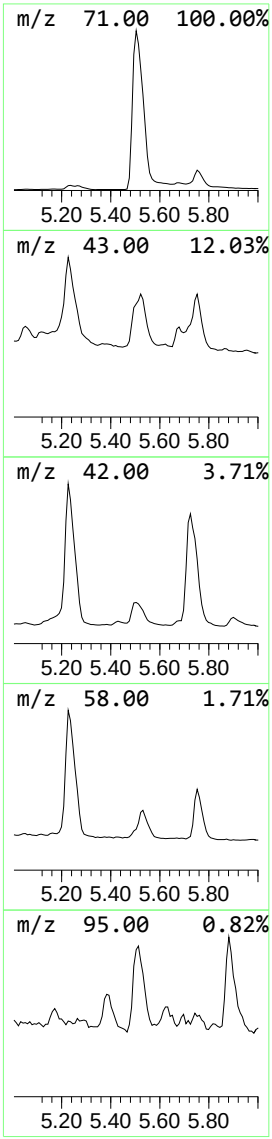
****

Peak Number 5 2-Propenamide Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.503	0.33 ng	75635	1,4-Dichlorobenzene-d4	7.643

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propenamide	71	C3H5NO	000079-06-1	3
2	3-Methoxyhex-1-ene	114	C7H14O	108811-41-2	2
3	Azetidine, 1-methyl-	71	C4H9N	004923-79-9	2
4	Azetidine, 2-methyl-	71	C4H9N	019812-49-8	2
5	Aziridine, 2,2-dimethyl-	71	C4H9N	002658-24-4	1





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100121\
Data File : BN016628.D
Acq On : 01 Oct 2021 09:34
Operator : CG/JU
Sample : M3833-19
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
EB02-20210920

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

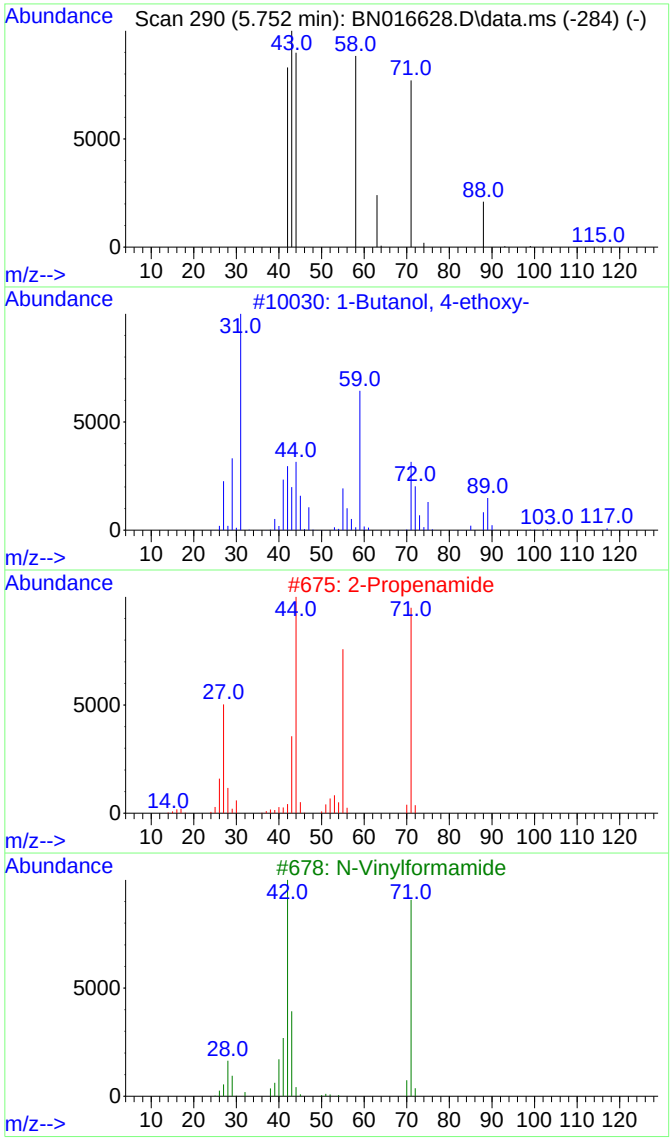
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

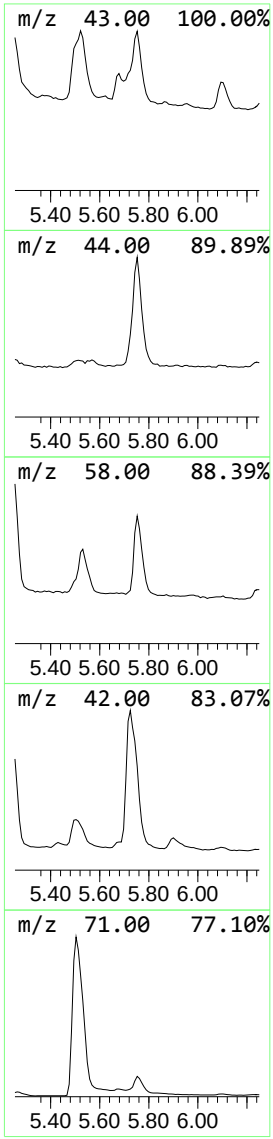
****

Peak Number 6 1-Butanol, 4-ethoxy- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.752	0.17 ng	39982	1,4-Dichlorobenzene-d4	7.643

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Butanol, 4-ethoxy-	118	C6H14O2	000111-73-9	9
2	2-Propenamide	71	C3H5NO	000079-06-1	5
3	N-Vinylformamide	71	C3H5NO	013162-05-5	5
4	1,4-Butanediamine	88	C4H12N2	000110-60-1	4
5	1-Butanol	74	C4H10O	000071-36-3	4





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100121\
Data File : BN016628.D
Acq On : 01 Oct 2021 09:34
Operator : CG/JU
Sample : M3833-19
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : EB02-20210920

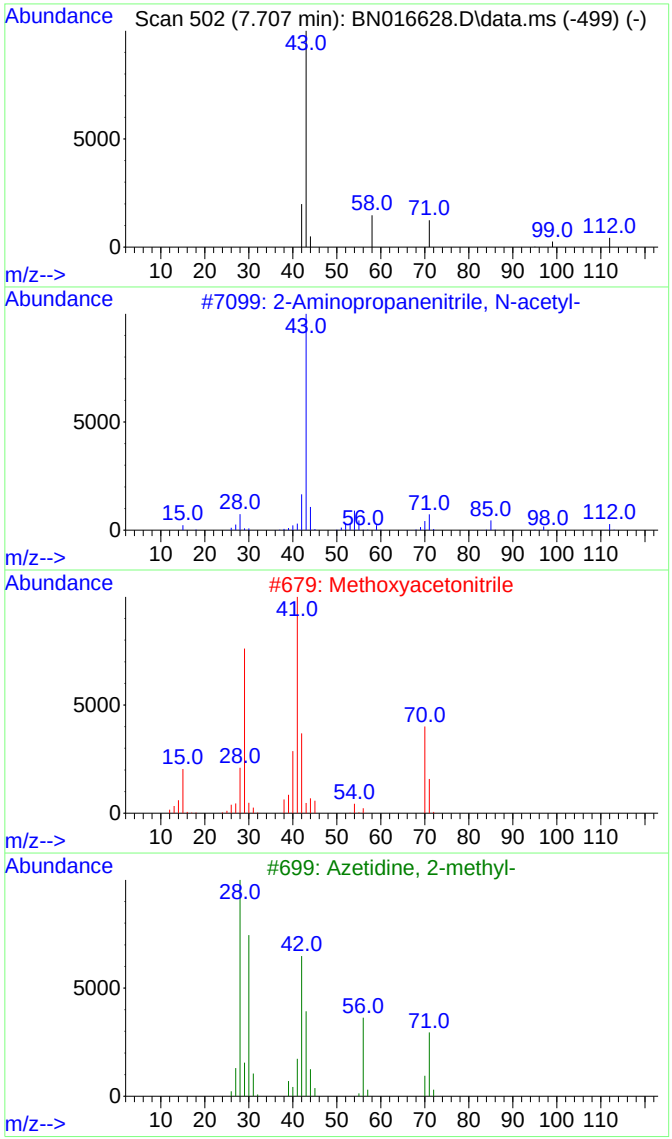
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

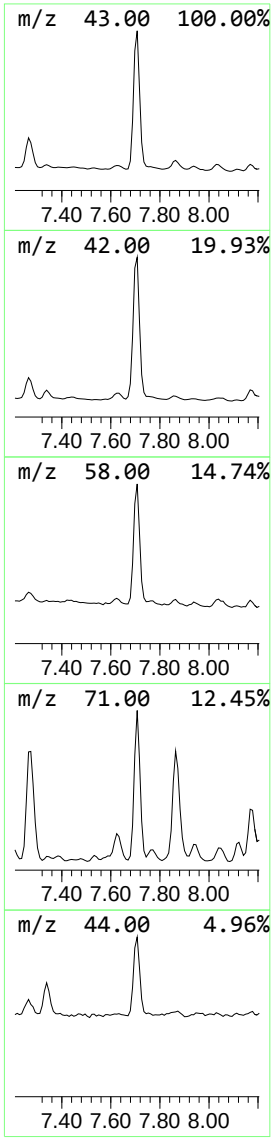
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 2-Aminopropanenitrile, N-ac... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.707	0.21 ng	48349	1,4-Dichlorobenzene-d4	7.643

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Aminopropanenitrile, N-acetyl-	112	C5H8N2O	019861-71-3	7
2	Methoxyacetonitrile	71	C3H5NO	001738-36-9	4
3	Azetidine, 2-methyl-	71	C4H9N	019812-49-8	4
4	Azetidine, 1-methyl-	71	C4H9N	004923-79-9	4
5	Butane	58	C4H10	000106-97-8	4





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100121\
Data File : BN016628.D
Acq On : 01 Oct 2021 09:34
Operator : CG/JU
Sample : M3833-19
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
EB02-20210920

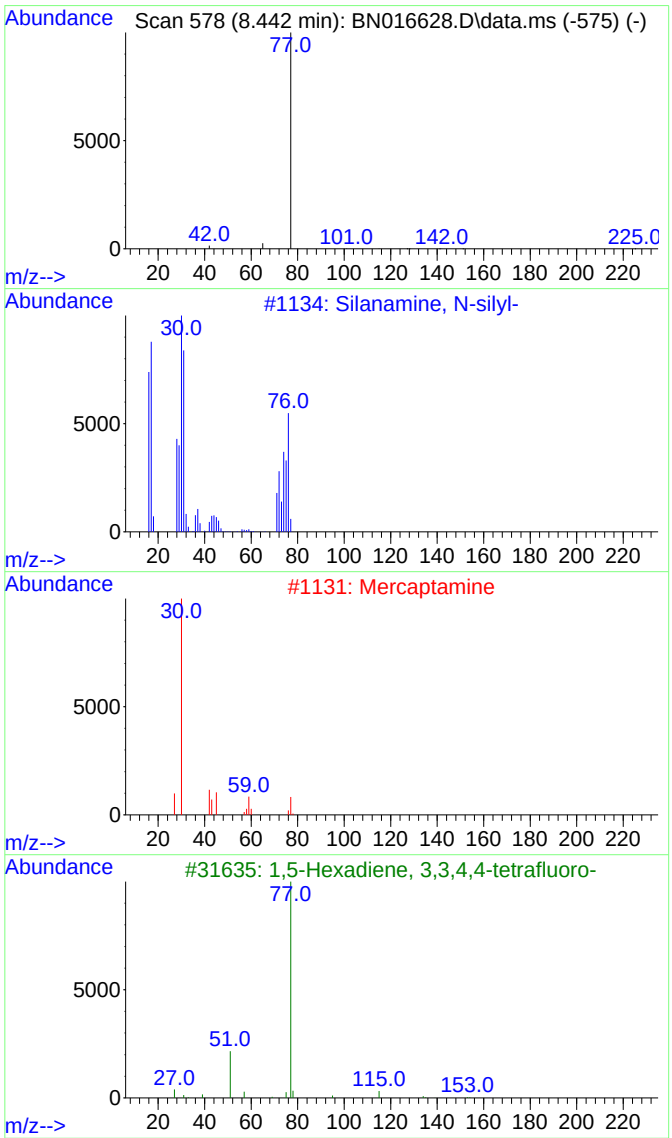
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

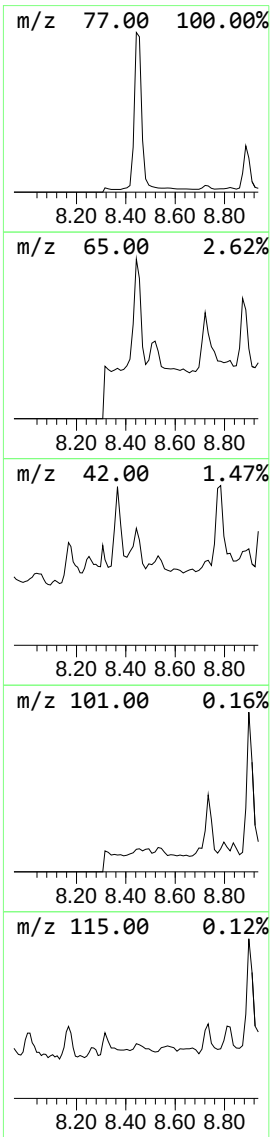
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Silanamine, N-silyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.442	0.12 ng	28305	1,4-Dichlorobenzene-d4	7.643

Hit# of 4	Tentative ID	MW	MolForm	CAS#	Qual
1	Silanamine, N-silyl-	77	H7NSi2	005702-11-4	1
2	Mercaptamine	77	C2H7NS	000060-23-1	1
3	1,5-Hexadiene, 3,3,4,4-tetrafluoro-	154	C6H6F4	001763-21-9	1
4	1-Propyne, 3-chloro-	74	C3H3Cl	000624-65-7	1





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100121\
Data File : BN016628.D
Acq On : 01 Oct 2021 09:34
Operator : CG/JU
Sample : M3833-19
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : EB02-20210920

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

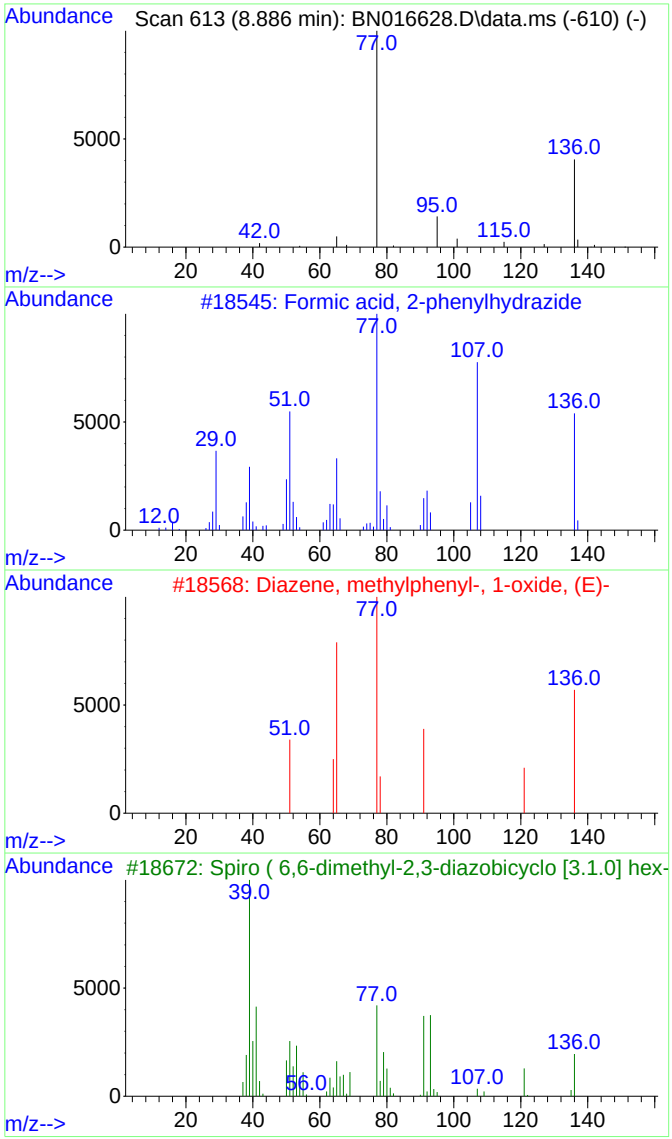
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

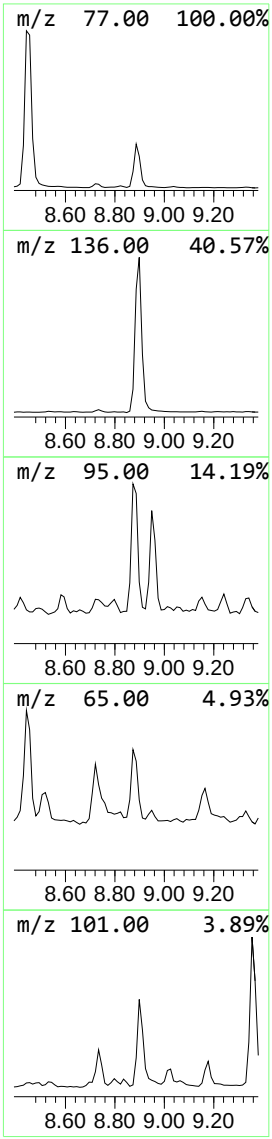
****

Peak Number 9 Formic acid, 2-phenylhydrazide Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.886	0.06 ng	13682	1,4-Dichlorobenzene-d4	7.643

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Formic acid, 2-phenylhydrazide	136	C7H8N2O	000622-84-4	9
2	Diazene, methylphenyl-, 1-oxide,...	136	C7H8N2O	035150-75-5	5
3	Spiro (6,6-dimethyl-2,3-diazobi...	136	C8H12N2	135485-30-2	4
4	2,5-Cyclohexadiene-1,4-dione, 2,...	136	C8H8O2	000137-18-8	3
5	N-(2-Chloroethyl)-N'-methylurea	136	C4H9ClN2O	074378-14-6	3





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100121\
Data File : BN016628.D
Acq On : 01 Oct 2021 09:34
Operator : CG/JU
Sample : M3833-19
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : EB02-20210920

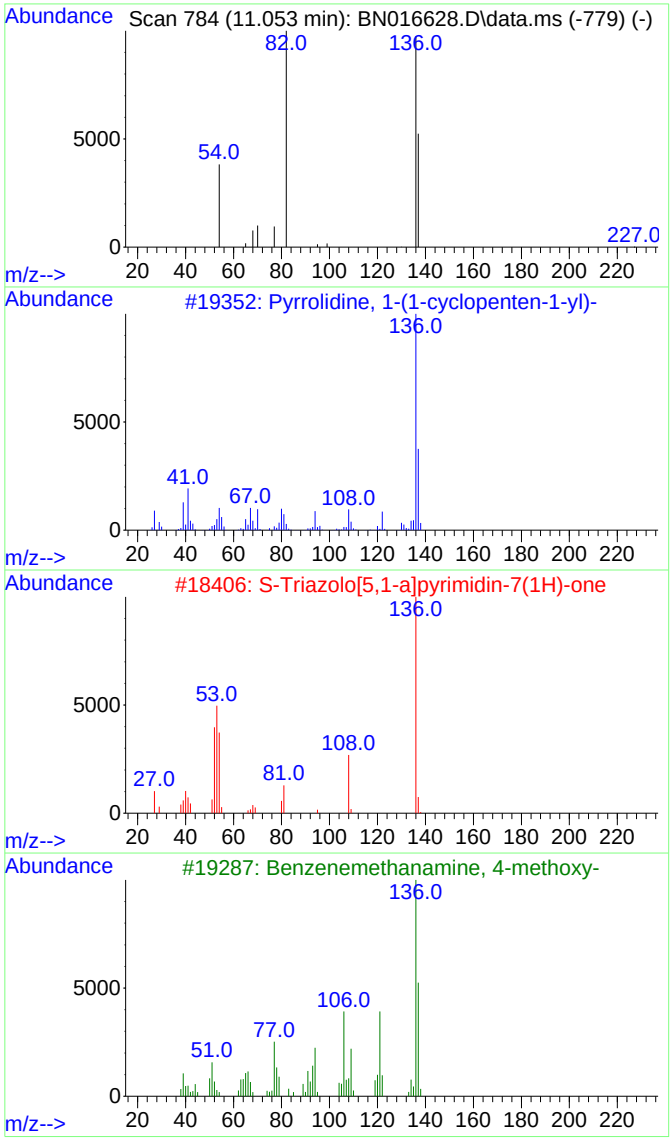
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

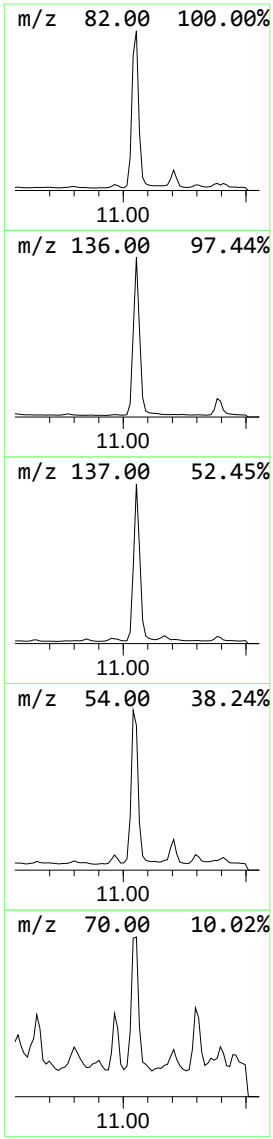
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Pyrrolidine, 1-(1-cyclopent... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.053	0.13 ng	56192	Naphthalene-d8	10.407

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrrolidine, 1-(1-cyclopenten-1-...	137	C9H15N	007148-07-4	9
2	S-Triazolo[5,1-a]pyrimidin-7(1H)...	136	C5H4N4O	004866-61-9	7
3	Benzenemethanamine, 4-methoxy-	137	C8H11NO	002393-23-9	5
4	6H-Purin-6-one, 1,7-dihydro-	136	C5H4N4O	000068-94-0	5
5	1H-Imidazole, 2-methyl-	82	C4H6N2	000693-98-1	4





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100121\
Data File : BN016628.D
Acq On : 01 Oct 2021 09:34
Operator : CG/JU
Sample : M3833-19
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
EB02-20210920

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

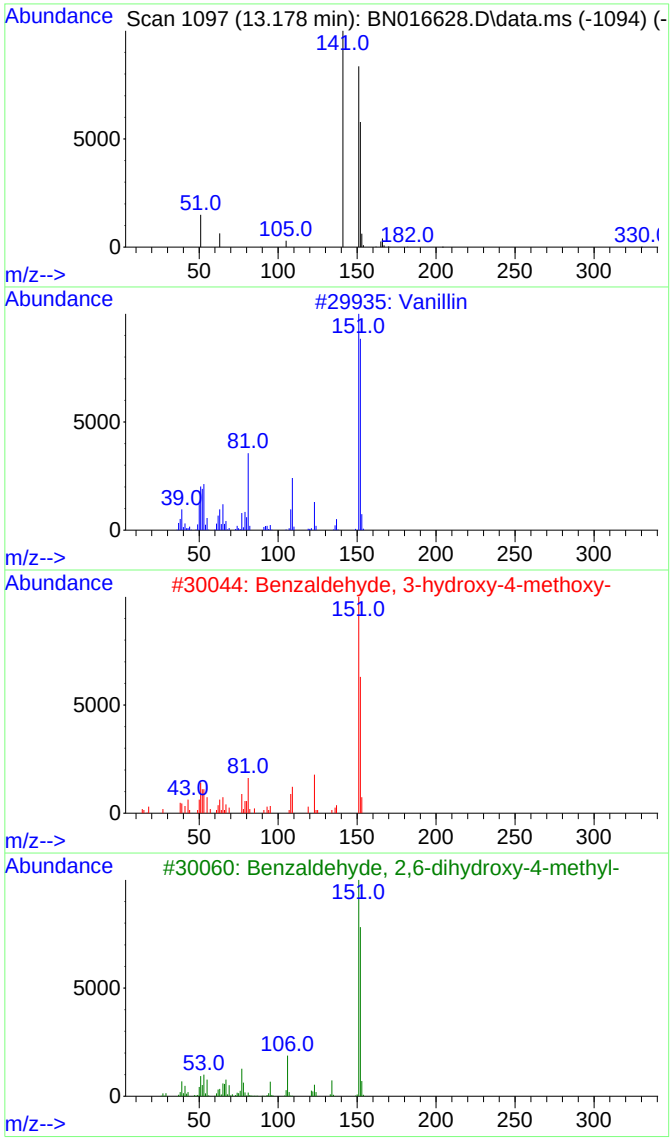
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

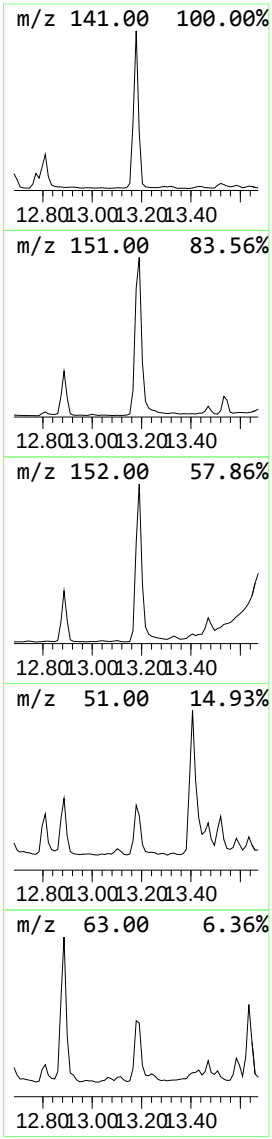
****

Peak Number 11 Vanillin Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.178	0.09 ng	51025	Acenaphthene-d10	14.269

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Vanillin	152	C8H8O3	000121-33-5	47
2	Benzaldehyde, 3-hydroxy-4-methoxy-	152	C8H8O3	000621-59-0	37
3	Benzaldehyde, 2,6-dihydroxy-4-me...	152	C8H8O3	000526-37-4	37
4	Benzaldehyde, 2-hydroxy-4-methoxy-	152	C8H8O3	000673-22-3	37
5	2,3-Methylenedioxyanisole	152	C8H8O3	001817-95-4	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100121\
Data File : BN016628.D
Acq On : 01 Oct 2021 09:34
Operator : CG/JU
Sample : M3833-19
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
EB02-20210920

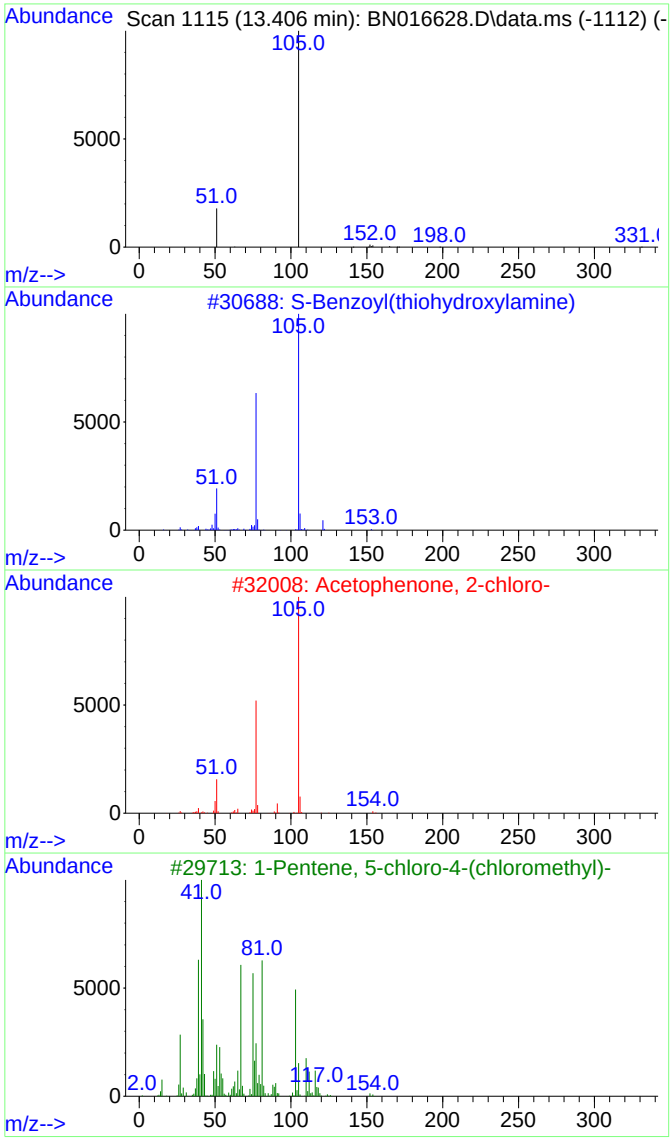
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

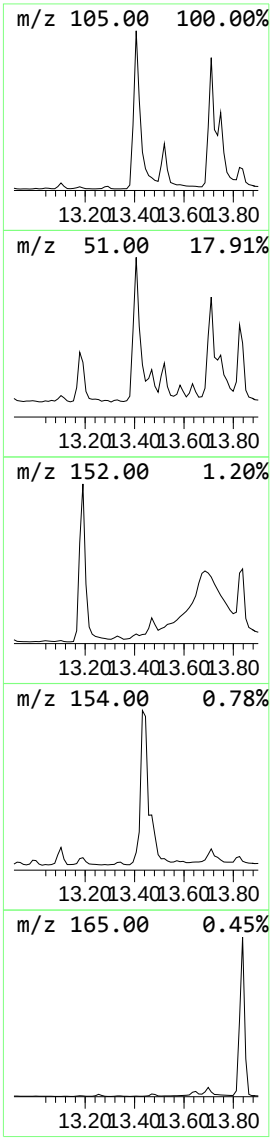
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 S-Benzoyl(thiohydroxylamine) Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.406	0.10 ng	58289	Acenaphthene-d10	14.269

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	S-Benzoyl(thiohydroxylamine)	153	C7H7NOS	025740-80-1	5
2	Acetophenone, 2-chloro-	154	C8H7ClO	000532-27-4	4
3	1-Pentene, 5-chloro-4-(chloromet...	152	C6H10Cl2	027990-74-5	3
4	2,2-Bis[4-(benzoyloxy)phenyl]pro...	436	C29H24O4	002297-14-5	2
5	1,5,2-Dioxazaspiro[5.5]undec-3-e...	273	C16H19NO3	1000270-08-6	2





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100121\
Data File : BN016628.D
Acq On : 01 Oct 2021 09:34
Operator : CG/JU
Sample : M3833-19
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
EB02-20210920

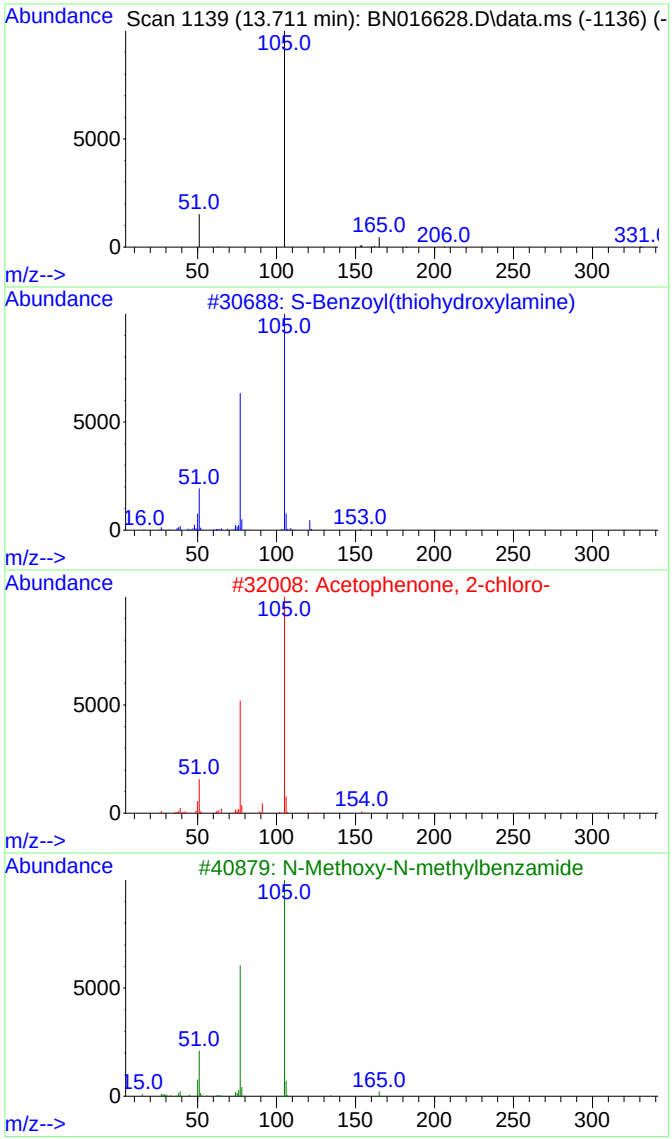
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

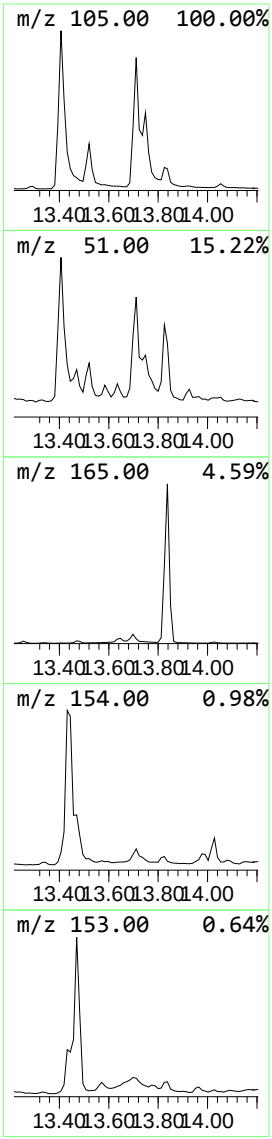
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 S-Benzoyl(thiohydroxylamine) Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.711	0.10 ng	56542	Acenaphthene-d10	14.269

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	S-Benzoyl(thiohydroxylamine)	153	C7H7NOS	025740-80-1	5
2	Acetophenone, 2-chloro-	154	C8H7ClO	000532-27-4	4
3	N-Methoxy-N-methylbenzamide	165	C9H11NO2	006919-61-5	3
4	Benzenethanamine,4-methoxy-.alph...	165	C10H15NO	023239-32-9	2
5	3-Methoxyamphetamine	165	C10H15NO	017862-85-0	2





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100121\
Data File : BN016628.D
Acq On : 01 Oct 2021 09:34
Operator : CG/JU
Sample : M3833-19
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
EB02-20210920

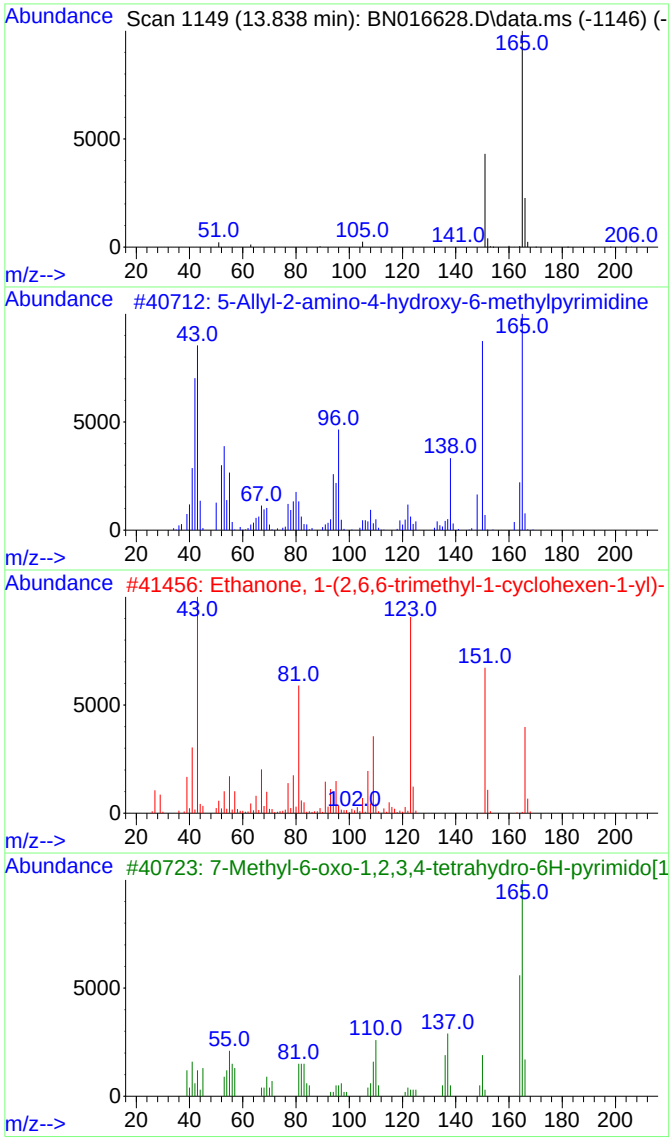
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

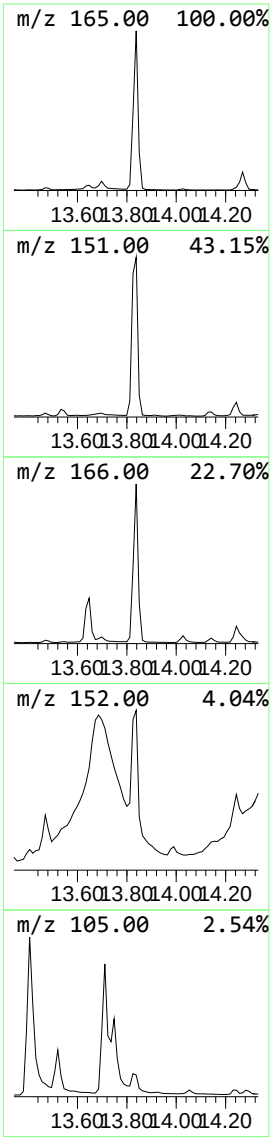
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 5-Allyl-2-amino-4-hydroxy-6... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.838	0.27 ng	156539	Acenaphthene-d10	14.269

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Allyl-2-amino-4-hydroxy-6-meth...	165	C8H11N3O	006957-86-4	5
2	Ethanone, 1-(2,6,6-trimethyl-1-c...	166	C11H18O	001197-92-8	5
3	7-Methyl-6-oxo-1,2,3,4-tetrahydr...	165	C8H11N3O	026955-14-6	4
4	N,N-Dimethyl-2H-1,3-benzodioxol-...	165	C9H11NO2	1000388-48-7	4
5	1-Methyl-4-allylaminocytosine	165	C8H11N3O	136308-28-6	4





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100121\
Data File : BN016628.D
Acq On : 01 Oct 2021 09:34
Operator : CG/JU
Sample : M3833-19
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
EB02-20210920

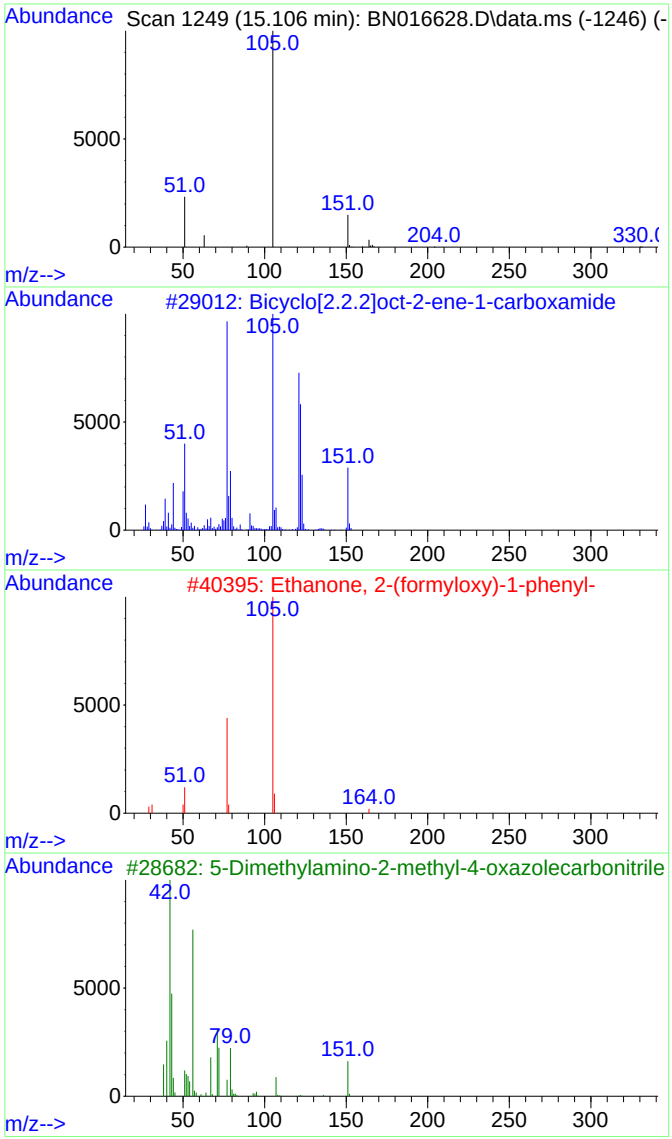
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

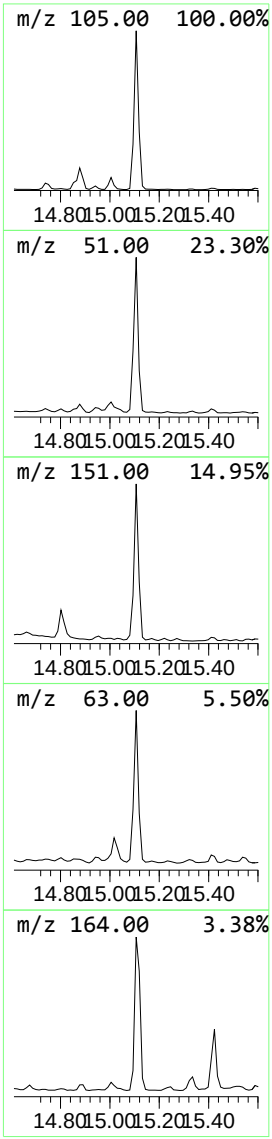
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Bicyclo[2.2.2]oct-2-ene-1-c... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.106	0.20 ng	116369	Acenaphthene-d10	14.269

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[2.2.2]oct-2-ene-1-carbox...	151	C9H13NO	1000211-27-6	4
2	Ethanone, 2-(formyloxy)-1-phenyl-	164	C9H8O3	055153-12-3	3
3	5-Dimethylamino-2-methyl-4-oxazo...	151	C7H9N3O	049837-48-1	3
4	1-Pentene, 5-chloro-4-(chloromet...	152	C6H10Cl2	027990-74-5	3
5	Benzeneacetic acid, .alpha.-oxo-...	164	C9H8O3	015206-55-0	3





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100121\
Data File : BN016628.D
Acq On : 01 Oct 2021 09:34
Operator : CG/JU
Sample : M3833-19
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
EB02-20210920

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

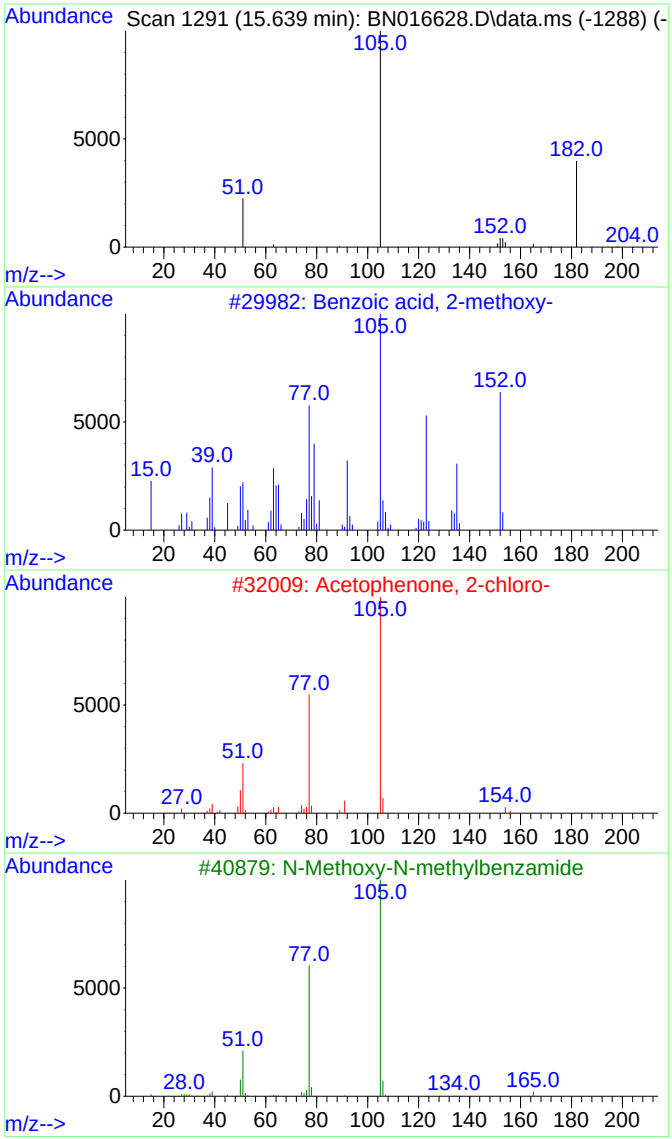
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

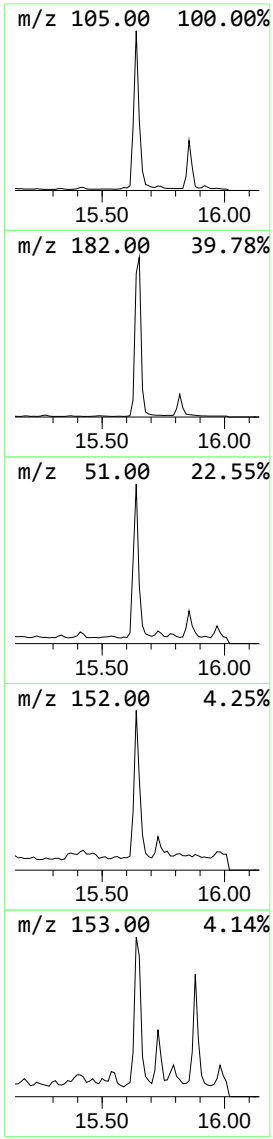
****

Peak Number 16 Benzoic acid, 2-methoxy- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.639	0.21 ng	124710	Acenaphthene-d10	14.269

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, 2-methoxy-	152	C8H8O3	000579-75-9	9
2	Acetophenone, 2-chloro-	154	C8H7ClO	000532-27-4	5
3	N-Methoxy-N-methylbenzamide	165	C9H11NO2	006919-61-5	5
4	3-(4-Methoxy-1,2,5-oxadiazol-3-y...	182	C6H6N4O3	1000459-91-2	3
5	Benzeneethanamine, 4-methoxy-	151	C9H13NO	000055-81-2	3





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100121\
Data File : BN016628.D
Acq On : 01 Oct 2021 09:34
Operator : CG/JU
Sample : M3833-19
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
EB02-20210920

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

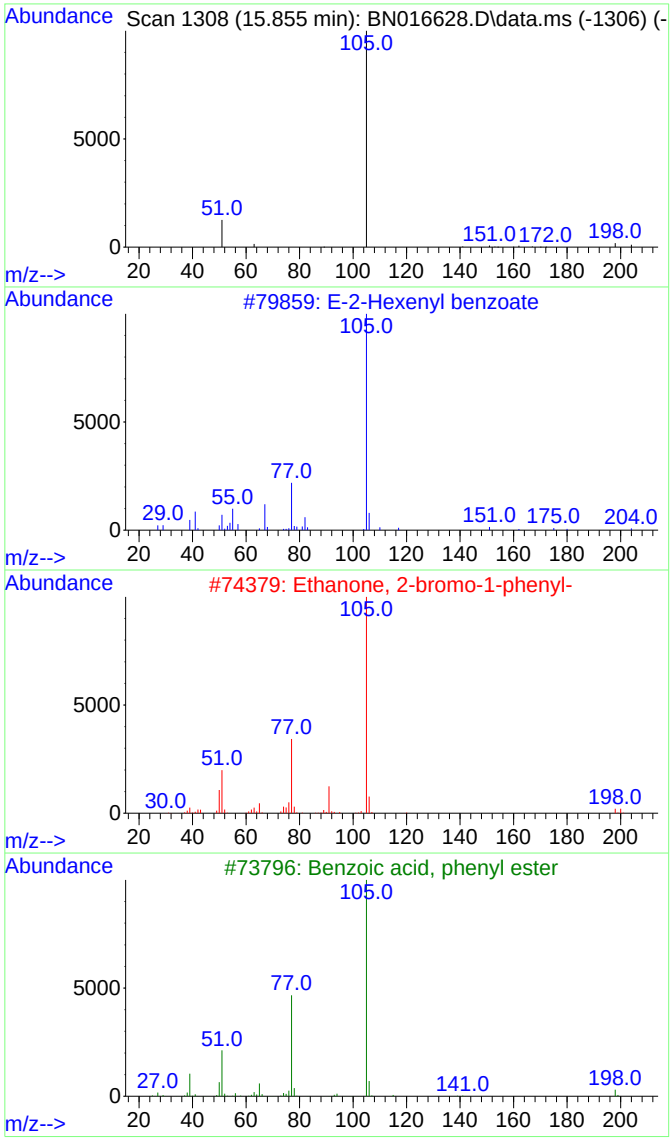
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

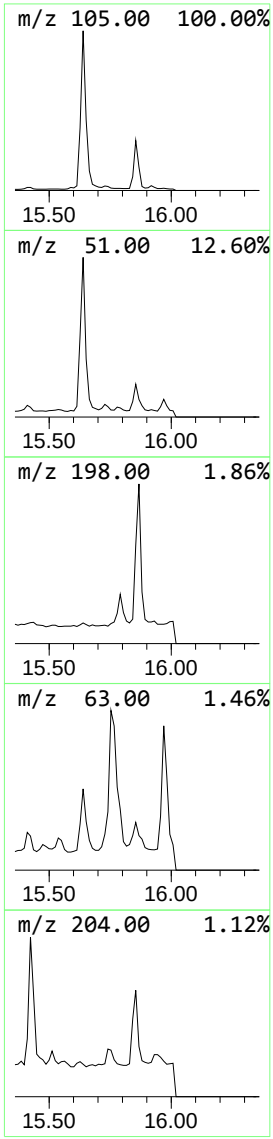
****

Peak Number 17 E-2-Hexenyl benzoate Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.855	0.07 ng	28188	Phenanthrene-d10	17.018

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	E-2-Hexenyl benzoate	204	C13H16O2	076841-70-8	5
2	Ethanone, 2-bromo-1-phenyl-	198	C8H7BrO	000070-11-1	4
3	Benzoic acid, phenyl ester	198	C13H10O2	000093-99-2	4
4	Benzeneethanamine, 4-methoxy-	151	C9H13NO	000055-81-2	3
5	1-Chloro-4-methoxy-2-phenylbutane	198	C11H15ClO	1010216-63-6	3





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100121\
Data File : BN016628.D
Acq On : 01 Oct 2021 09:34
Operator : CG/JU
Sample : M3833-19
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
EB02-20210920

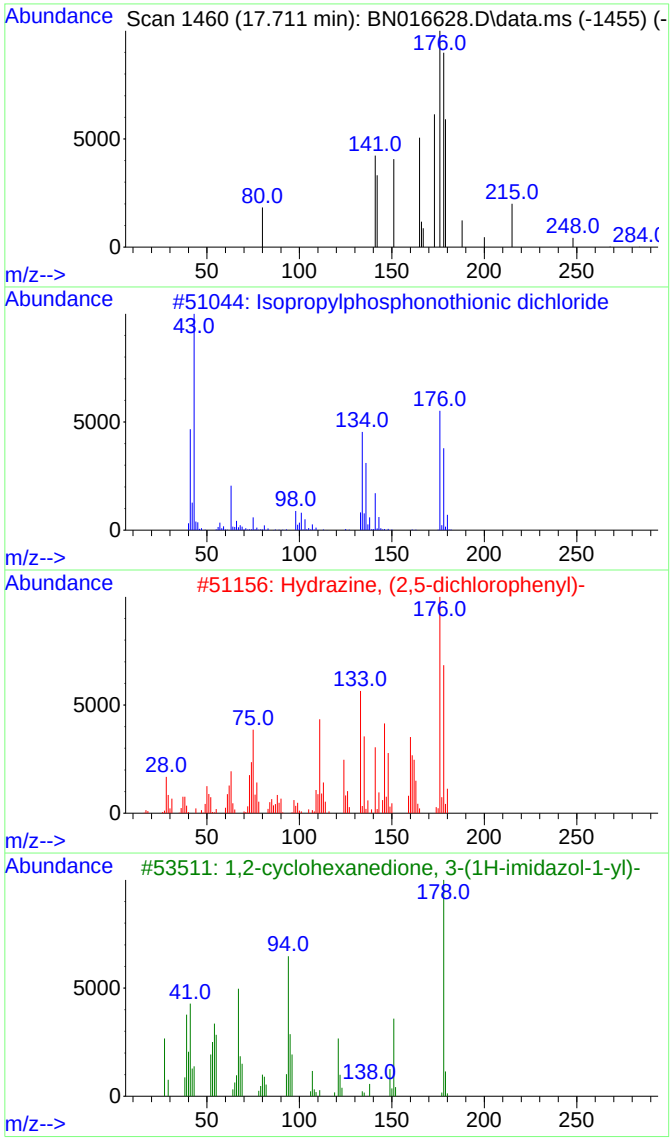
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

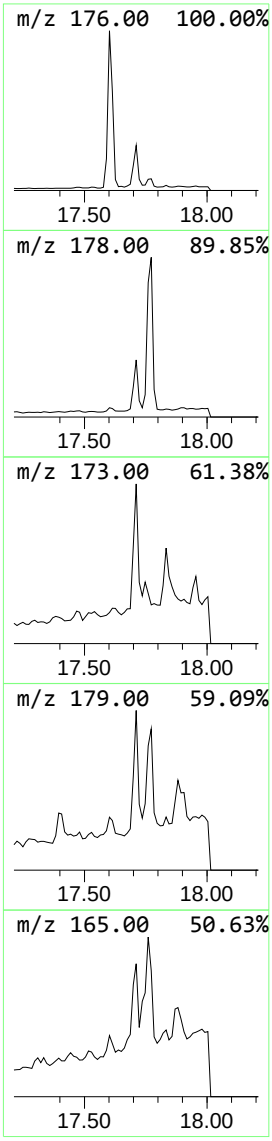
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Isopropylphosphonothionic d... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.711	0.07 ng	29627	Phenanthrene-d10	17.018

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropylphosphonothionic dichlo...	176	C3H7Cl2PS	001498-60-8	9
2	Hydrazine, (2,5-dichlorophenyl)-	176	C6H6Cl2N2	000305-15-7	9
3	1,2-cyclohexanedione, 3-(1H-imid...	178	C9H10N2O2	1000404-77-5	9
4	2,4-Dichloro-5-methylphenol, O-e...	248	C10H10Cl2O3	1000487-29-9	9
5	Acetamide, N-methoxy-N-2-naphtha...	215	C13H13NO2	086412-55-7	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100121\
Data File : BN016628.D
Acq On : 01 Oct 2021 09:34
Operator : CG/JU
Sample : M3833-19
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
EB02-20210920

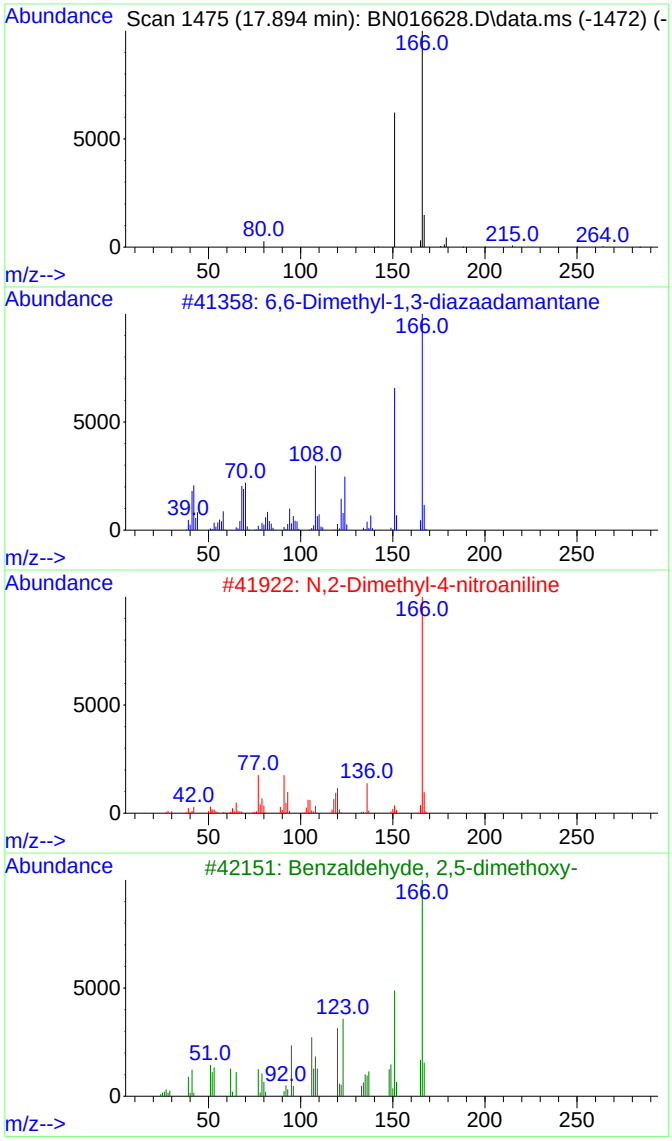
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

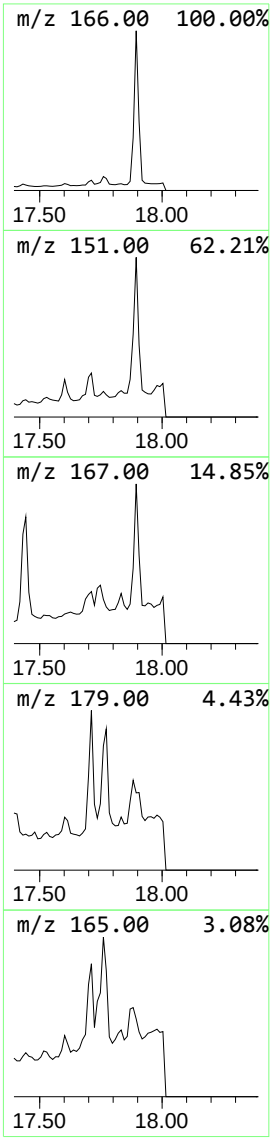
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 6,6-Dimethyl-1,3-diazaadama... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.894	0.06 ng	27114	Phenanthrene-d10	17.018

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6,6-Dimethyl-1,3-diazaadamantane	166	C10H18N2	051805-77-7	56
2	N,2-Dimethyl-4-nitroaniline	166	C8H10N2O2	010439-77-7	9
3	Benzaldehyde, 2,5-dimethoxy-	166	C9H10O3	000093-02-7	9
4	(4-Methoxy-3,5-dimethylpyridin-2...	166	C9H14N2O	130000-78-1	9
5	Durohydroquinone	166	C10H14O2	000527-18-4	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100121\
Data File : BN016628.D
Acq On : 01 Oct 2021 09:34
Operator : CG/JU
Sample : M3833-19
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
EB02-20210920

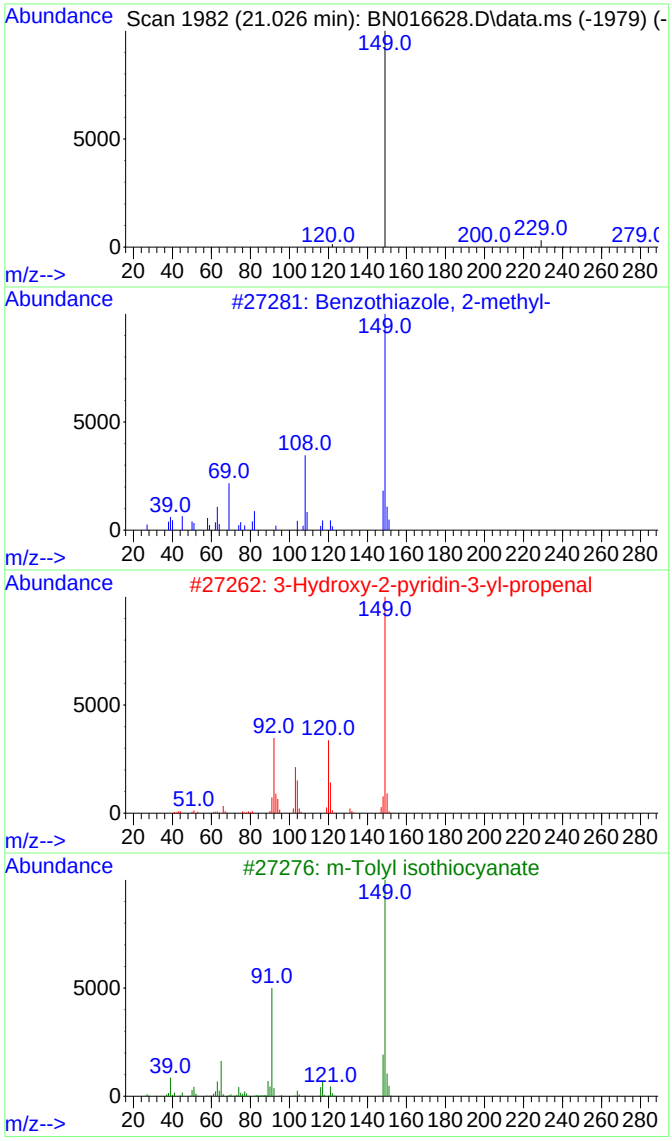
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

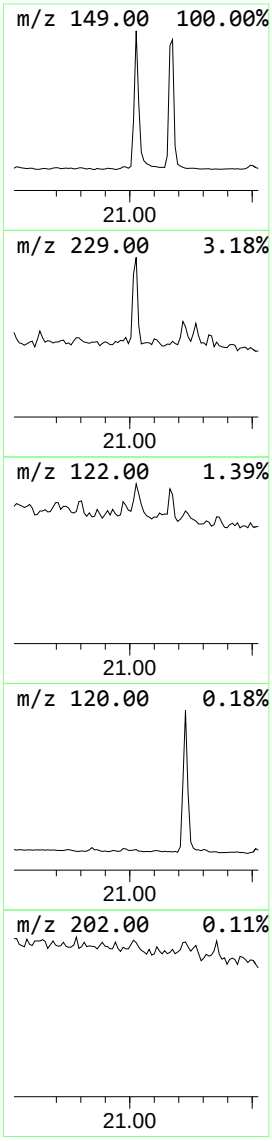
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Benzothiazole, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.026	0.07 ng	33306	Chrysene-d12	21.238

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzothiazole, 2-methyl-	149	C8H7NS	000120-75-2	4
2	3-Hydroxy-2-pyridin-3-yl-propenal	149	C8H7NO2	1000311-61-6	4
3	m-Tolyl isothiocyanate	149	C8H7NS	000621-30-7	4
4	Pyridine, pentamethyl-	149	C10H15N	003748-83-2	4
5	Benzene, 1-isothiocyanato-4-methyl-	149	C8H7NS	000622-59-3	4





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100121\
Data File : BN016628.D
Acq On : 01 Oct 2021 09:34
Operator : CG/JU
Sample : M3833-19
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : EB02-20210920

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane	3.272	0.1	ng	16987	1	7.643	92918	0.4
Acetic acid, me...	3.816	0.2	ng	42461	1	7.643	92918	0.4
Oxirane, trimet...	4.093	0.2	ng	51631	1	7.643	92918	0.4
Acetone	4.821	1.1	ng	256345	1	7.643	92918	0.4
2-Propenamide	5.503	0.3	ng	75635	1	7.643	92918	0.4
1-Butanol, 4-et...	5.752	0.2	ng	39982	1	7.643	92918	0.4
2-Aminopropanen...	7.707	0.2	ng	48349	1	7.643	92918	0.4
Silanamine, N-s...	8.442	0.1	ng	28305	1	7.643	92918	0.4
Formic acid, 2-...	8.886	0.1	ng	13682	1	7.643	92918	0.4
Pyrrolidine, 1-...	11.053	0.1	ng	56192	2	10.407	168896	0.4
Vanillin	13.178	0.1	ng	51025	3	14.269	235193	0.4
S-Benzoyl(thioh...	13.406	0.1	ng	58289	3	14.269	235193	0.4
S-Benzoyl(thioh...	13.711	0.1	ng	56542	3	14.269	235193	0.4
5-Allyl-2-amino...	13.838	0.3	ng	156539	3	14.269	235193	0.4
Bicyclo[2.2.2]o...	15.106	0.2	ng	116369	3	14.269	235193	0.4
Benzoic acid, 2...	15.639	0.2	ng	124710	3	14.269	235193	0.4
E-2-Hexenyl ben...	15.855	0.1	ng	28188	4	17.018	172489	0.4
Isopropylphosph...	17.711	0.1	ng	29627	4	17.018	172489	0.4
6,6-Dimethyl-1,...	17.894	0.1	ng	27114	4	17.018	172489	0.4
Benzothiazole, ...	21.026	0.1	ng	33306	5	21.238	182963	0.4