LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111125\
Data File : BF144223.D
Acq On : 12 Nov 2025 01:25
Operator : RC/JU
Sample : Q3590-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MOO-25-0314-0316-COMP

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-BF110525.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF144223.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.493	551	561	571	rBV	816731	1104628	35.72%	4.560%
2	6.151	662	673	680	rBV2	98710	168331	5.44%	0.695%
3	6.498	724	732	739	rBV	816331	1139801	36.86%	4.705%
4	6.698	762	766	774	rBV2	108047	164216	5.31%	0.678%
5	6.875	791	796	802	rBV	301882	391272	12.65%	1.615%
6	7.146	831	842	845	rBV2	90095	186276	6.02%	0.769%
7	7.187	845	849	855	rBV2	64025	95161	3.08%	0.393%
8	7.269	858	863	866	rBV3	113831	156599	5.06%	0.646%
9	7.404	881	886	887	rBV4	109023	133528	4.32%	0.551%
10	7.434	887	891	895	rVB	460330	585947	18.95%	2.419%
11	7.516	900	905	909	rBV4	185586	261195	8.45%	1.078%
12	7.563	909	913	916	rBV4	68393	125050	4.04%	0.516%
13	7.651	924	928	930	rBV	120627	171952	5.56%	0.710%
14	7.675	930	932	938	rVB3	187111	252020	8.15%	1.040%
15	7.751	940	945	949	rBV2	161177	276042	8.93%	1.140%
16	7.798	949	953	958	rBV4	171758	245235	7.93%	1.012%
17	7.893	966	969	972	rBV3	90518	113028	3.65%	0.467%
18	7.993	983	986	989	rVB	169862	186617	6.03%	0.770%
19	8.057	994	997	1001	rBV	123601	157833	5.10%	0.652%
20	8.104	1001	1005	1007	rBV3	176569	241963	7.82%	0.999%
21	8.157	1007	1014	1019	rVV4	453507	1059647	34.27%	4.374%
22	8.210	1019	1023	1026	rVB3	293599	395847	12.80%	1.634%
23	8.245	1026	1029	1034	rBV6	98696	144929	4.69%	0.598%
24	8.357	1045	1048	1051	rVB	148135	162965	5.27%	0.673%
25	8.392	1051	1054	1058	rBV2	200318	341601	11.05%	1.410%
26	8.451	1061	1064	1067	rVB4	243343	318123	10.29%	1.313%
27	8.540	1076	1079	1082	rBV3	182577	251162	8.12%	1.037%
28	8.575	1082	1085	1087	rBV	134524	171275	5.54%	0.707%
29	8.598	1087	1089	1090	rBV2	124140	109328	3.54%	0.451%
30	8.663	1096	1100	1103	rBV	394284	504261	16.31%	2.082%
31	8.745	1112	1114	1117	rBV3	165077	176106	5.69%	0.727%
32	8.987	1151	1155	1161	rBV3	507843	1012201	32.73%	4.178%
33	9.234	1193	1197	1201	rBV2	810190	1070358	34.61%	4.418%
34	9.316	1207	1211	1216	rBV6	910955	1492086	48.25%	6.159%
35	9.551	1249	1251	1253	rBV3	402610	460798	14.90%	1.902%
36	9.587	1253	1257	1262	rVB	2184142	3092442	100.00%	12.766%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111125\
Data File : BF144223.D
Acq On : 12 Nov 2025 01:25
Operator : RC/JU
Sample : Q3590-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MOO-25-0314-0316-COMP

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-BF110525.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	9.634	1262	1265	1269	rBV3	914681	1527491	49.39%	6.305%
38	9.792	1289	1292	1295	rBV4	697588	1070652	34.62%	4.420%
39	9.834	1296	1299	1303	rVB3	982936	1470704	47.56%	6.071%
40	9.910	1309	1312	1318	rBV5	745449	1207683	39.05%	4.985%
41	10.345	1383	1386	1392	rBV3	852671	1420070	45.92%	5.862%
42	15.551	2267	2271	2290	rVB	292611	608370	19.67%	2.511%

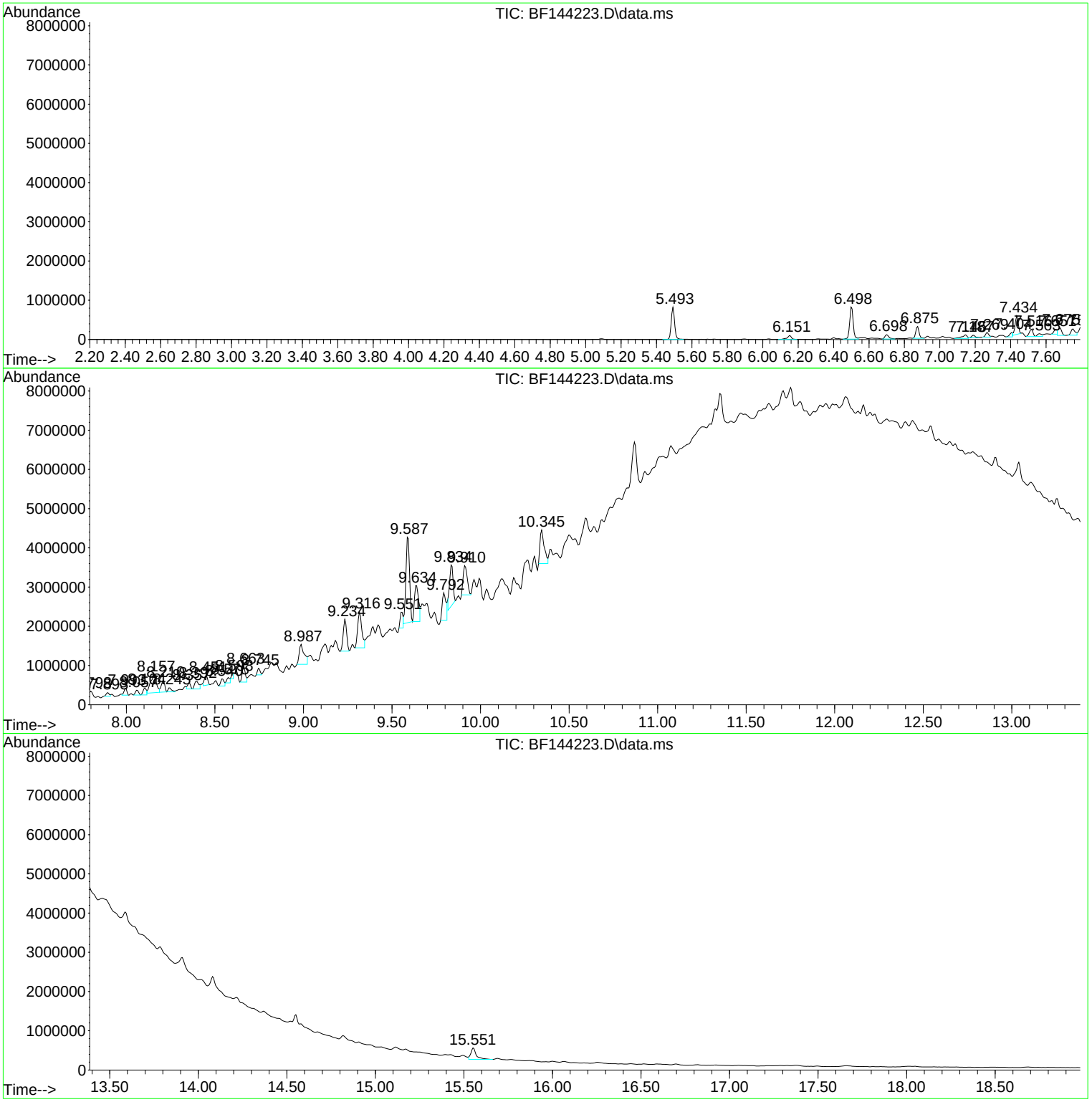
Sum of corrected areas: 24224793

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111125\
Data File : BF144223.D
Acq On : 12 Nov 2025 01:25
Operator : RC/JU
Sample : Q3590-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MOO-25-0314-0316-COMP

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.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_F\Data\BF111125\
Data File : BF144223.D
Acq On : 12 Nov 2025 01:25
Operator : RC/JU
Sample : Q3590-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MOO-25-0314-0316-COMP

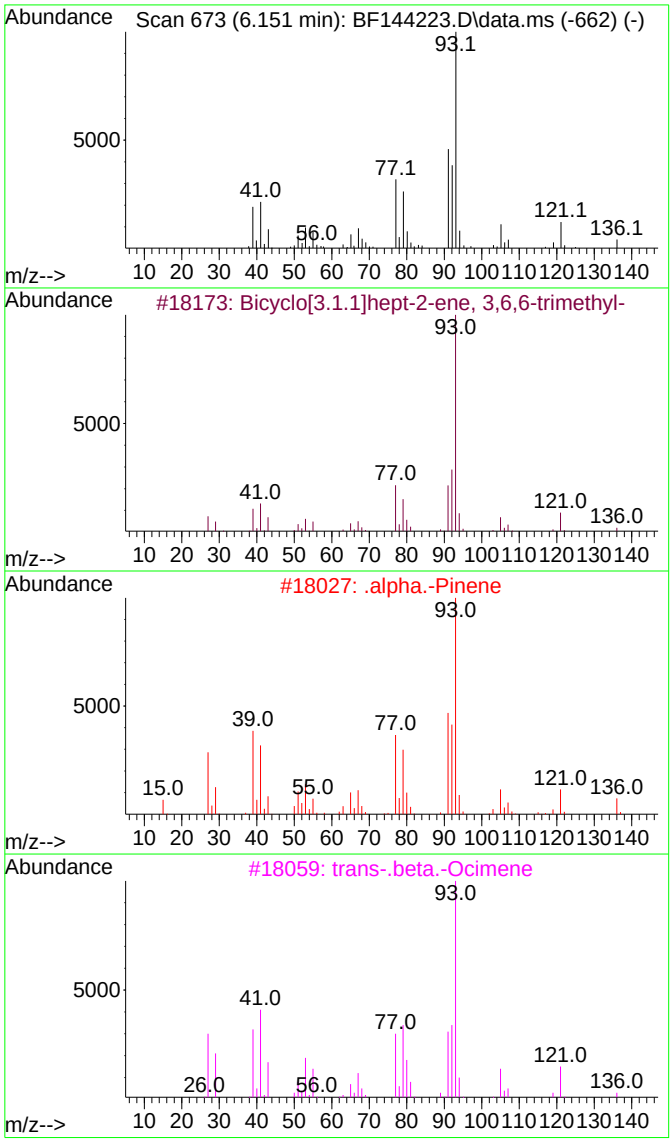
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

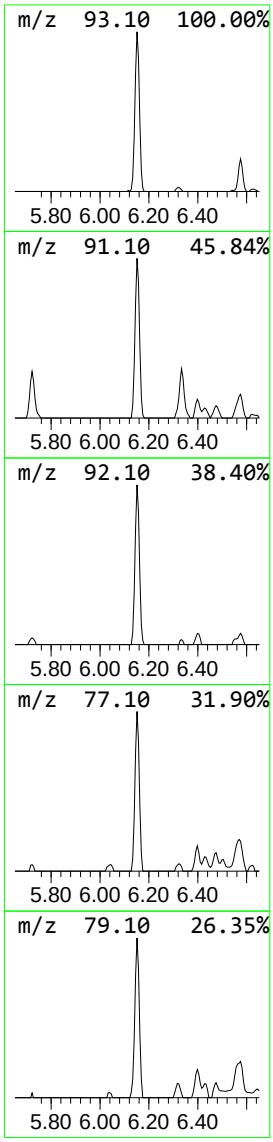
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Bicyclo[3.1.1]hept-2-ene, 3... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.151	8.60 ng	168331	1,4-Dichlorobenzene-d4	6.875

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[3.1.1]hept-2-ene, 3,6,6-...	136	C10H16	004889-83-2	94
2	.alpha.-Pinene	136	C10H16	000080-56-8	94
3	trans-.beta.-Ocimene	136	C10H16	003779-61-1	87
4	Bicyclo[3.1.0]hex-2-ene, 2-methy...	136	C10H16	002867-05-2	83
5	(1S)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-26-4	76





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111125\
Data File : BF144223.D
Acq On : 12 Nov 2025 01:25
Operator : RC/JU
Sample : Q3590-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MOO-25-0314-0316-COMP

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

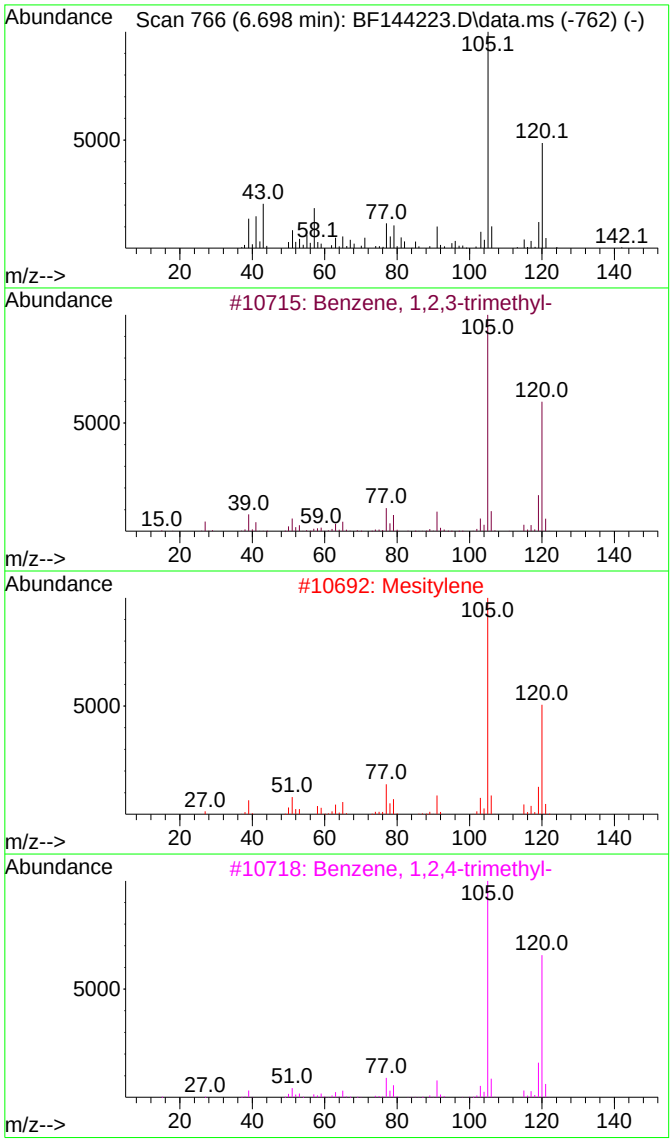
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

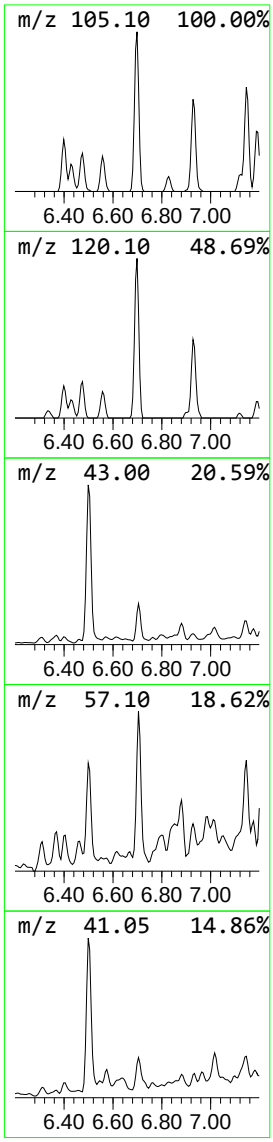
****

Peak Number 2 Benzene, 1,2,3-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.698	8.39 ng	164216	1,4-Dichlorobenzene-d4	6.875

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2	Mesitylene	120	C9H12	000108-67-8	95
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111125\
Data File : BF144223.D
Acq On : 12 Nov 2025 01:25
Operator : RC/JU
Sample : Q3590-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MOO-25-0314-0316-COMP

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

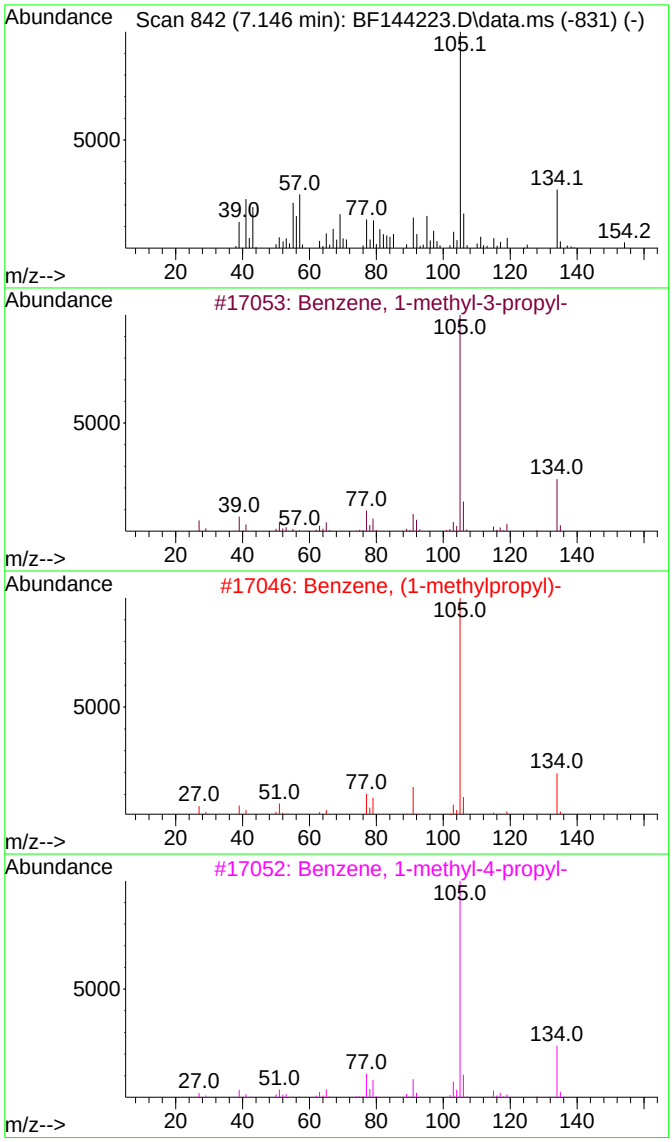
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

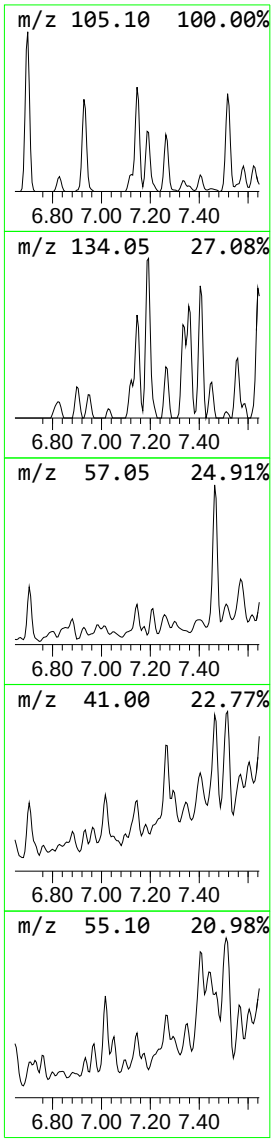
****

Peak Number 3 Benzene, 1-methyl-3-propyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.146	9.52 ng	186276	1,4-Dichlorobenzene-d4	6.875

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	92
2	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	70
3	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	70
4	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	53
5	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111125\
Data File : BF144223.D
Acq On : 12 Nov 2025 01:25
Operator : RC/JU
Sample : Q3590-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MOO-25-0314-0316-COMP

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

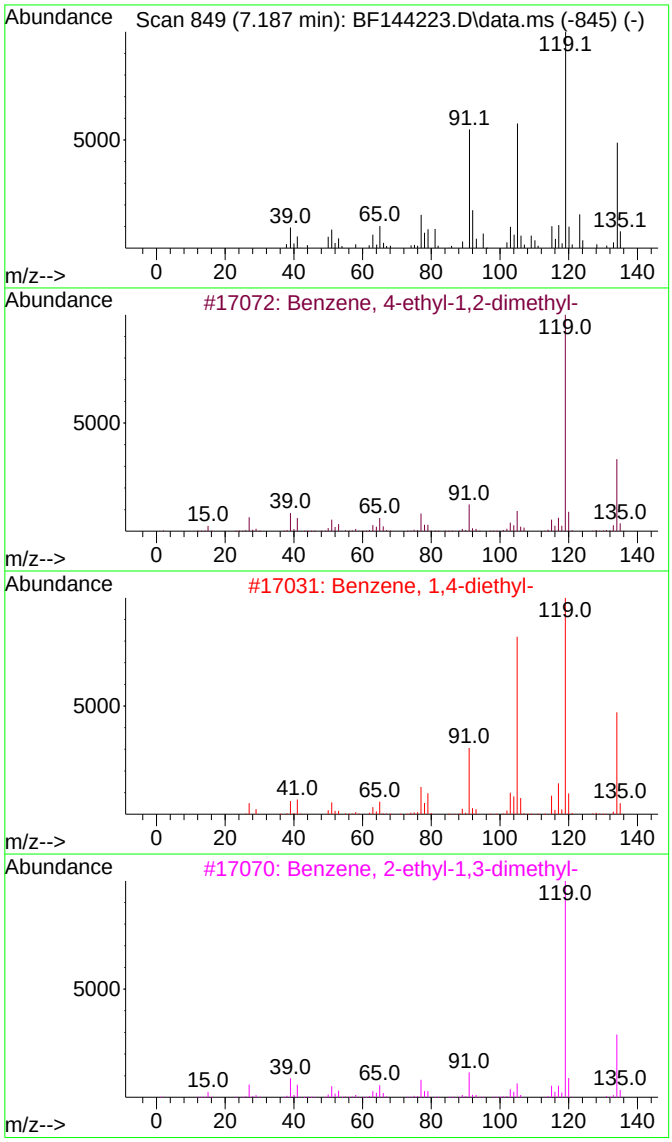
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

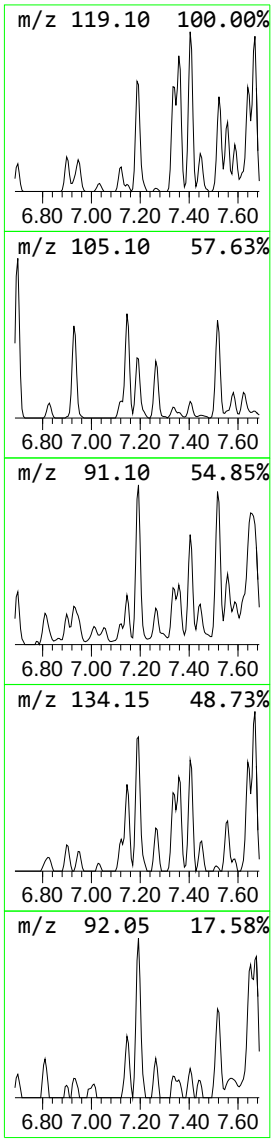
****

Peak Number 4 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.187	4.86 ng	95161	1,4-Dichlorobenzene-d4	6.875

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94
2	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	93
3	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	90
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	90
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111125\
Data File : BF144223.D
Acq On : 12 Nov 2025 01:25
Operator : RC/JU
Sample : Q3590-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MOO-25-0314-0316-COMP

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

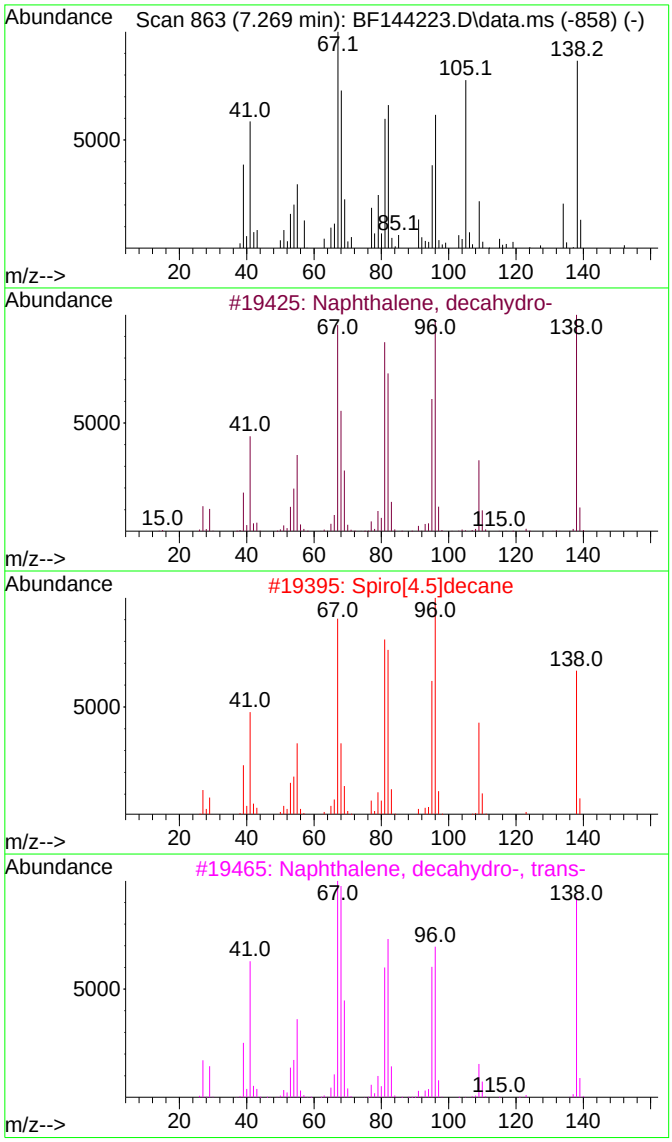
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

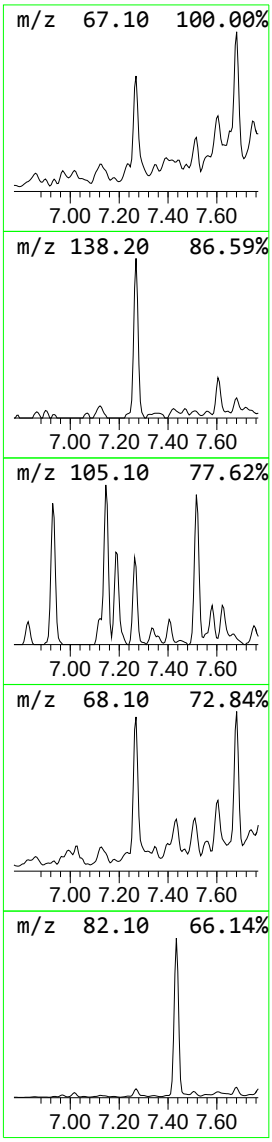
****

Peak Number 5 Naphthalene, decahydro- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.269	8.00 ng	156599	1,4-Dichlorobenzene-d4	6.875

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-	138	C10H18	000091-17-8	93
2	Spiro[4.5]decane	138	C10H18	000176-63-6	87
3	Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	83
4	Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	83
5	2,2-Dimethyl-3-vinylcyclopentanone	138	C9H14O	1000427-24-5	52





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111125\
Data File : BF144223.D
Acq On : 12 Nov 2025 01:25
Operator : RC/JU
Sample : Q3590-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MOO-25-0314-0316-COMP

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

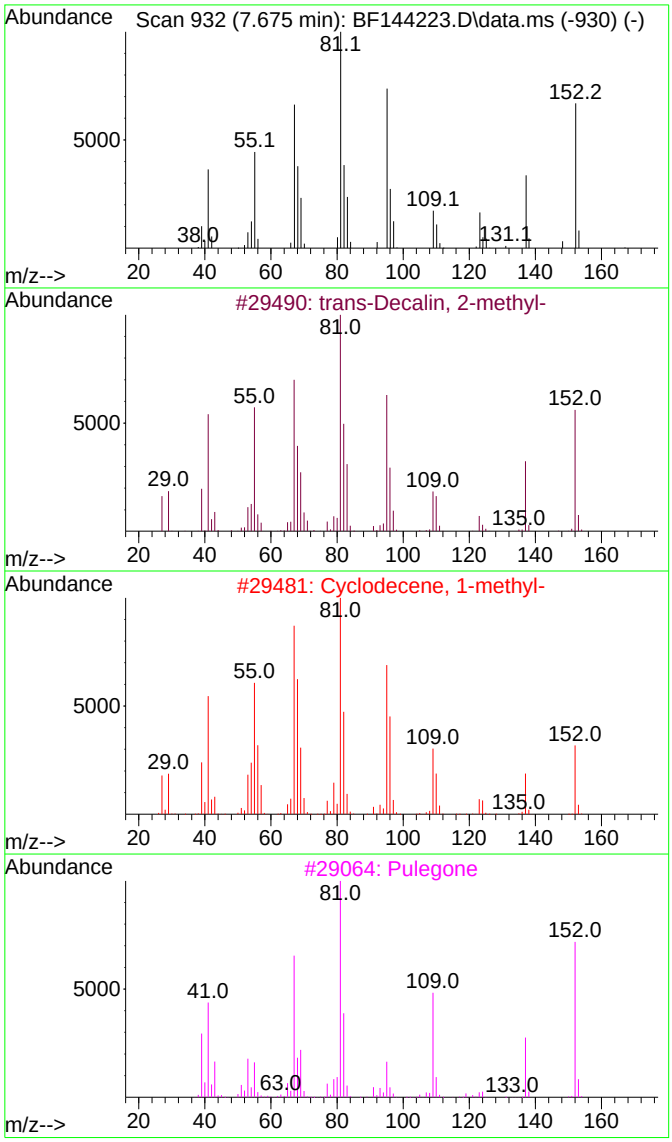
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

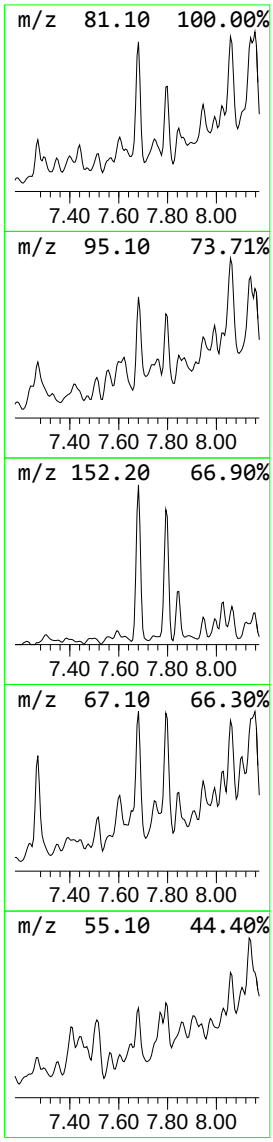
****

Peak Number 7 trans-Decalin, 2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.675	4.76 ng	252020	Naphthalene-d8	8.157

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	87
2	Cyclodecene, 1-methyl-	152	C11H20	066633-38-3	72
3	Pulegone	152	C10H16O	000089-82-7	70
4	cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	64
5	Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	015932-80-6	62





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111125\
Data File : BF144223.D
Acq On : 12 Nov 2025 01:25
Operator : RC/JU
Sample : Q3590-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MOO-25-0314-0316-COMP

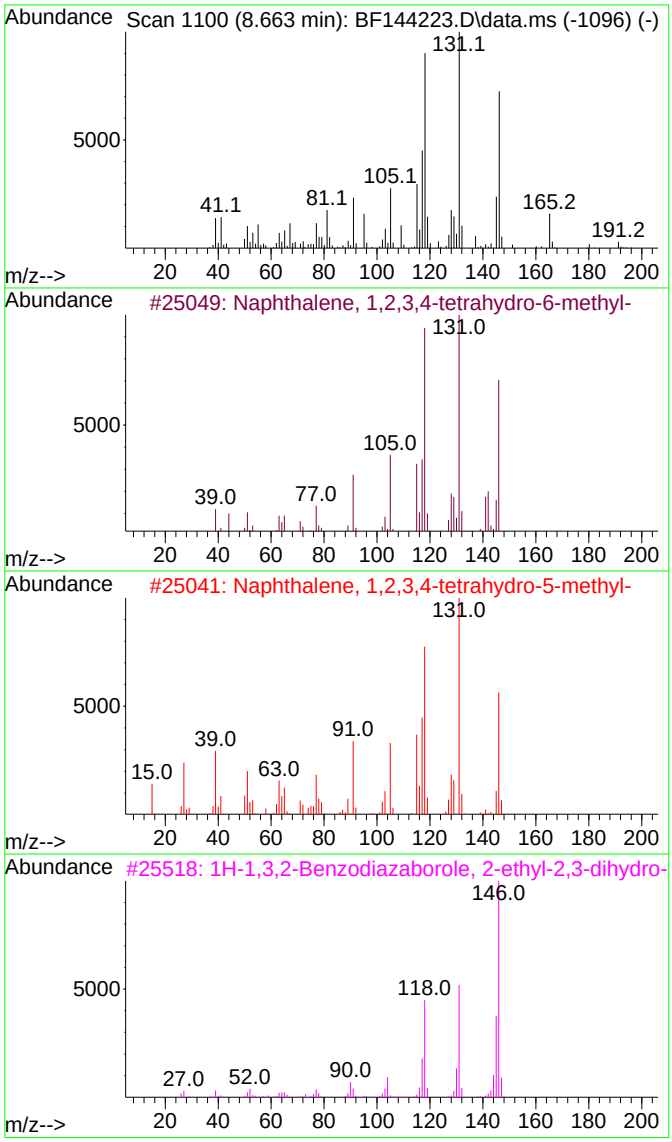
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

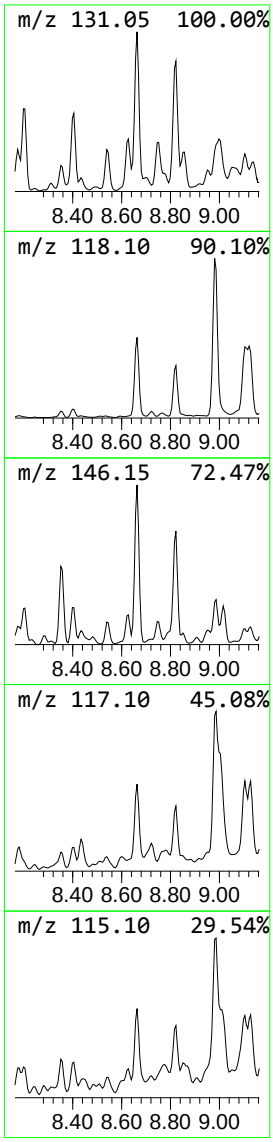
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.663	9.52 ng	504261	Naphthalene-d8	8.157

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	93
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	90
3	1H-1,3,2-Benzodiazaborole, 2-eth...	146	C8H11BN2	074663-81-3	81
4	Benzene, (1-methylenebutyl)-	146	C11H14	005676-32-4	62
5	1H-Inden-1-one, 2,3-dihydro-2-me...	146	C10H10O	017496-14-9	58





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111125\
Data File : BF144223.D
Acq On : 12 Nov 2025 01:25
Operator : RC/JU
Sample : Q3590-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MOO-25-0314-0316-COMP

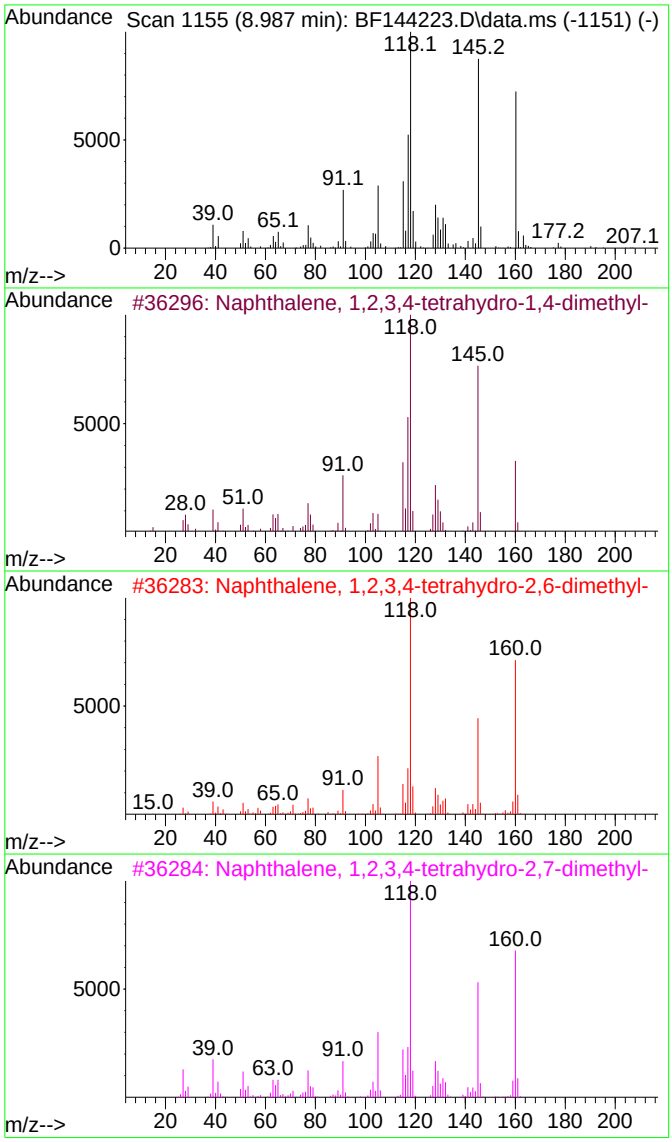
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

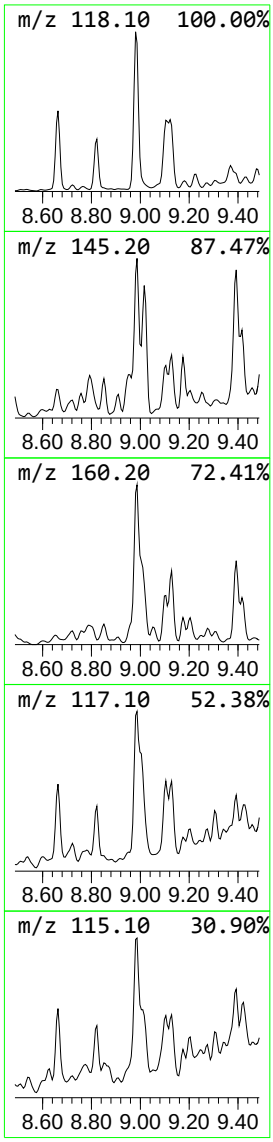
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.987	19.10 ng	1012200	Naphthalene-d8	8.157

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	95
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	007524-63-2	68
3	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	013065-07-1	68
4	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-91-0	58
5	Benzene, 4-chloro-2-fluoro-1-met...	160	C7H6ClFO	000452-09-5	49





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111125\
Data File : BF144223.D
Acq On : 12 Nov 2025 01:25
Operator : RC/JU
Sample : Q3590-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MOO-25-0314-0316-COMP

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

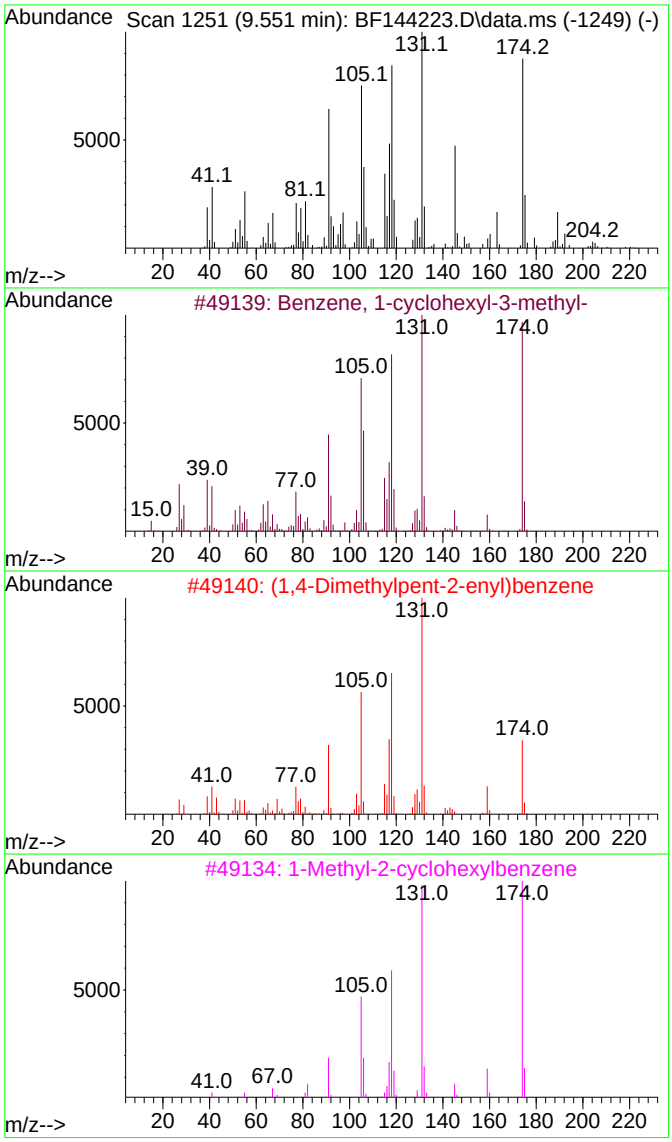
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

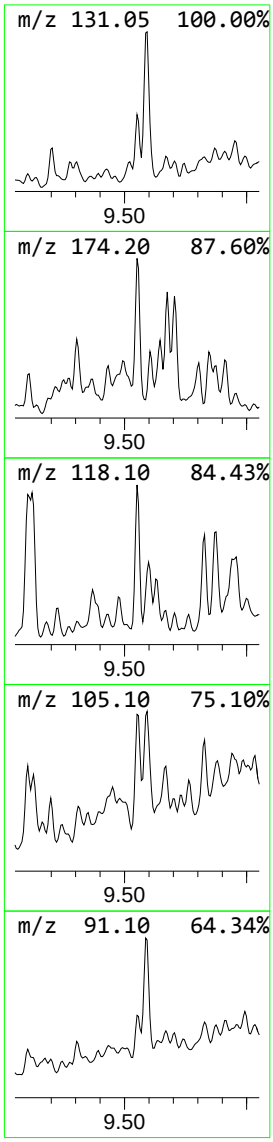
****

Peak Number 15 Benzene, 1-cyclohexyl-3-met... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.551	7.63 ng	460798	Acenaphthene-d10	9.928

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-cyclohexyl-3-methyl-	174	C13H18	004575-46-6	96
2	(1,4-Dimethylpent-2-enyl)benzene	174	C13H18	1000184-97-9	76
3	1-Methyl-2-cyclohexylbenzene	174	C13H18	004501-35-3	74
4	2-Naphthalenol, 3-methoxy-	174	C11H10O2	018515-11-2	38
5	2-Pentanone, 3-(phenylmethylene)-	174	C12H14O	003437-89-6	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111125\
Data File : BF144223.D
Acq On : 12 Nov 2025 01:25
Operator : RC/JU
Sample : Q3590-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MOO-25-0314-0316-COMP

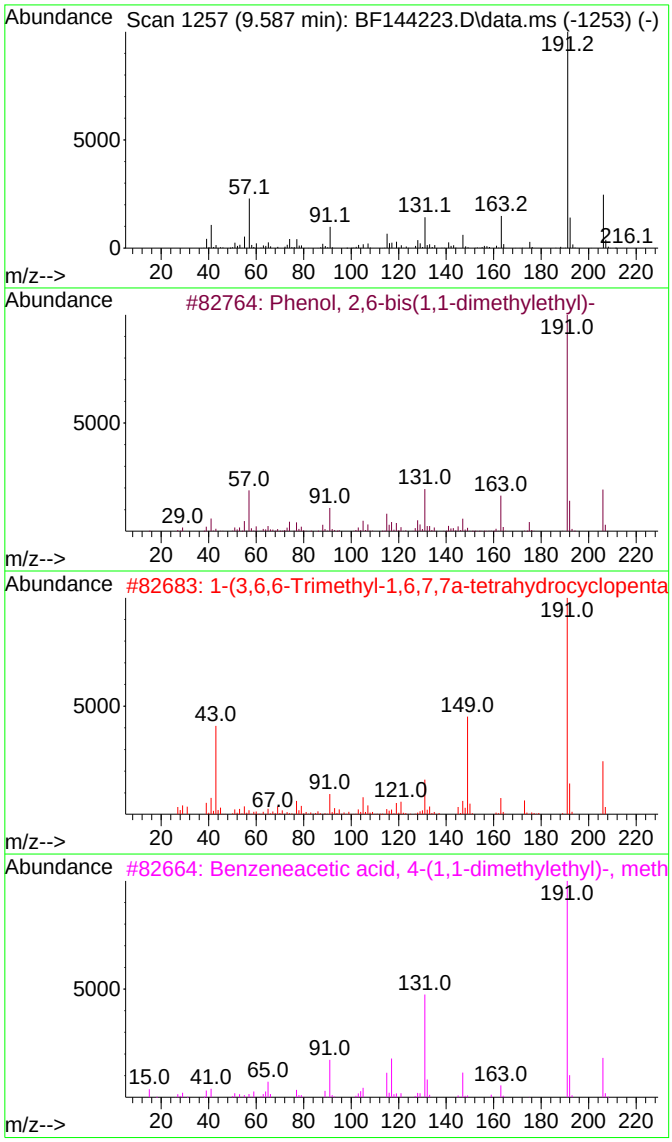
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

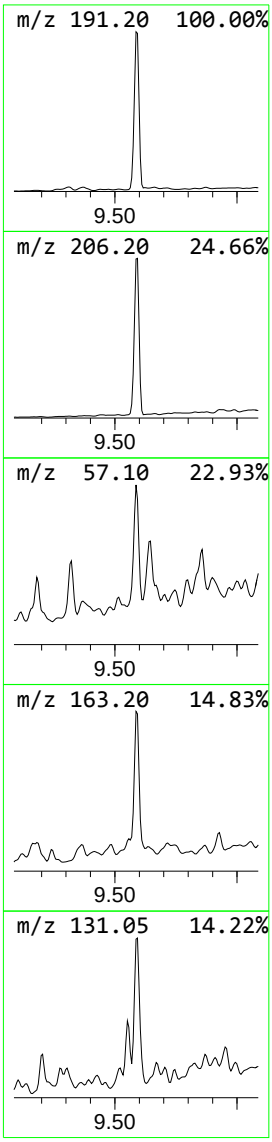
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Phenol, 2,6-bis(1,1-dimethy... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.587	51.21 ng	3092440	Acenaphthene-d10	9.928

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,6-bis(1,1-dimethylethyl)-	206	C14H22O	000128-39-2	96
2	1-(3,6,6-Trimethyl-1,6,7,7a-tetr...	206	C13H18O2	1000194-97-2	86
3	Benzeneacetic acid, 4-(1,1-dimet...	206	C13H18O2	003549-23-3	78
4	4'-Diethylaminoacetanilide	206	C12H18N2O	005326-57-8	72
5	Phenol, 3,5-bis(1,1-dimethylethyl)-	206	C14H22O	001138-52-9	72





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111125\
Data File : BF144223.D
Acq On : 12 Nov 2025 01:25
Operator : RC/JU
Sample : Q3590-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MOO-25-0314-0316-COMP

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.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
Bicyclo[3.1.1]h...	6.151	8.6	ng	168331	1	6.875	391272	20.0
Benzene, 1,2,3-...	6.698	8.4	ng	164216	1	6.875	391272	20.0
Benzene, 1-meth...	7.146	9.5	ng	186276	1	6.875	391272	20.0
Benzene, 4-ethy...	7.187	4.9	ng	95161	1	6.875	391272	20.0
Naphthalene, de...	7.269	8.0	ng	156599	1	6.875	391272	20.0
trans-Decalin, ...	7.675	4.8	ng	252020	2	8.157	1059650	20.0
Naphthalene, 1,...	8.663	9.5	ng	504261	2	8.157	1059650	20.0
Naphthalene, 1,...	8.987	19.1	ng	1012200	2	8.157	1059650	20.0
Benzene, 1-cycl...	9.551	7.6	ng	460798	3	9.928	1207680	20.0
Phenol, 2,6-bis...	9.587	51.2	ng	3092440	3	9.928	1207680	20.0