LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
Data File : BF143495.D
Acq On : 20 Aug 2025 20:08
Operator : RC/JU
Sample : Q2900-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-11B-081825

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-BF082025.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF143495.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.269	4	13	20	rBV	2562173	4268892	52.19%	12.230%
2	5.157	495	504	511	rBV2	92012	161298	1.97%	0.462%
3	5.563	564	573	595	rBV	1265581	1713253	20.95%	4.908%
4	6.104	660	665	670	rBV	193171	239482	2.93%	0.686%
5	6.557	737	742	748	rBV	845157	1087729	13.30%	3.116%
6	6.616	748	752	765	rVB	101614	140619	1.72%	0.403%
7	6.928	799	805	811	rBV	626397	803628	9.82%	2.302%
8	7.116	830	837	842	rBV	5535245	8179574	100.00%	23.434%
9	7.486	885	900	910	rBV	1703391	2564878	31.36%	7.348%
10	7.945	973	978	982	rBV	414931	528594	6.46%	1.514%
11	8.204	1015	1022	1033	rBV2	800064	1468554	17.95%	4.207%
12	8.798	1118	1123	1127	rBV	70481	92698	1.13%	0.266%
13	9.016	1155	1160	1165	rVB	189836	247536	3.03%	0.709%
14	9.280	1199	1205	1210	rBV	2931766	3822873	46.74%	10.952%
15	9.963	1316	1321	1326	rBV	914515	1135693	13.88%	3.254%
16	10.233	1362	1367	1374	rBV2	122801	200464	2.45%	0.574%
17	10.416	1393	1398	1405	rBV	211126	307459	3.76%	0.881%
18	10.674	1437	1442	1448	rBV	221122	288475	3.53%	0.826%
19	10.757	1450	1456	1466	rBV	1638369	2304725	28.18%	6.603%
20	11.451	1569	1574	1579	rBV	802604	1031735	12.61%	2.956%
21	13.039	1838	1844	1849	rVB	2239218	2909005	35.56%	8.334%
22	14.098	2018	2024	2035	rVB	469159	642116	7.85%	1.840%
23	15.592	2272	2278	2297	rBV	463993	764988	9.35%	2.192%

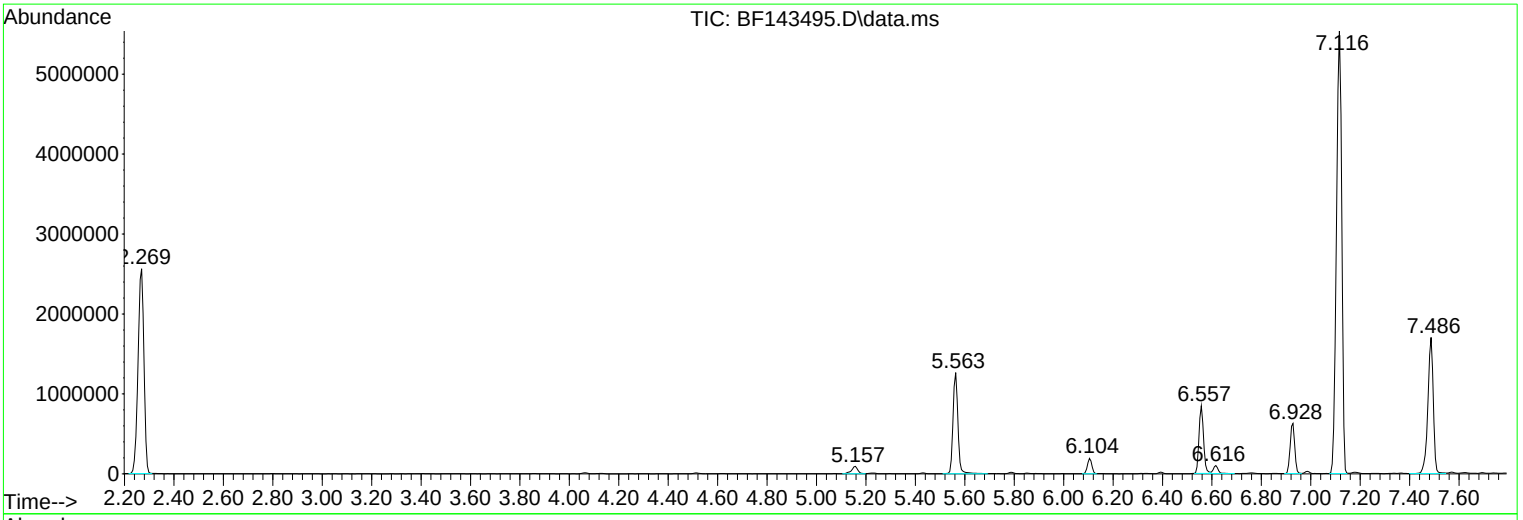
Sum of corrected areas: 34904268

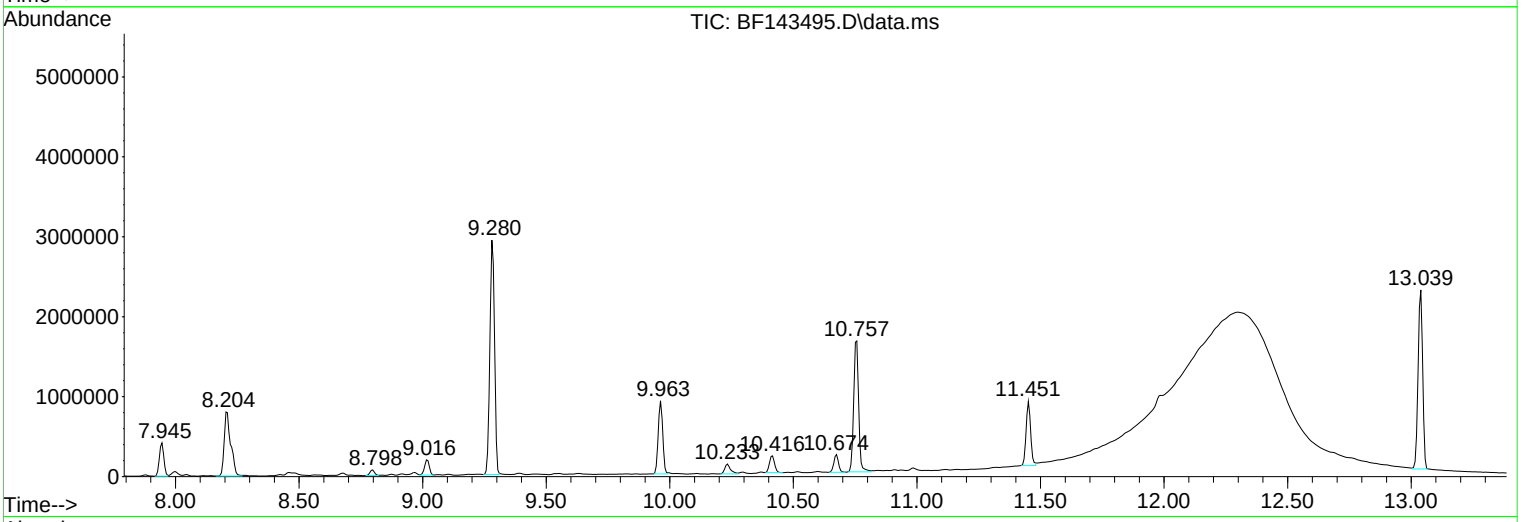
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
Data File : BF143495.D
Acq On : 20 Aug 2025 20:08
Operator : RC/JU
Sample : Q2900-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

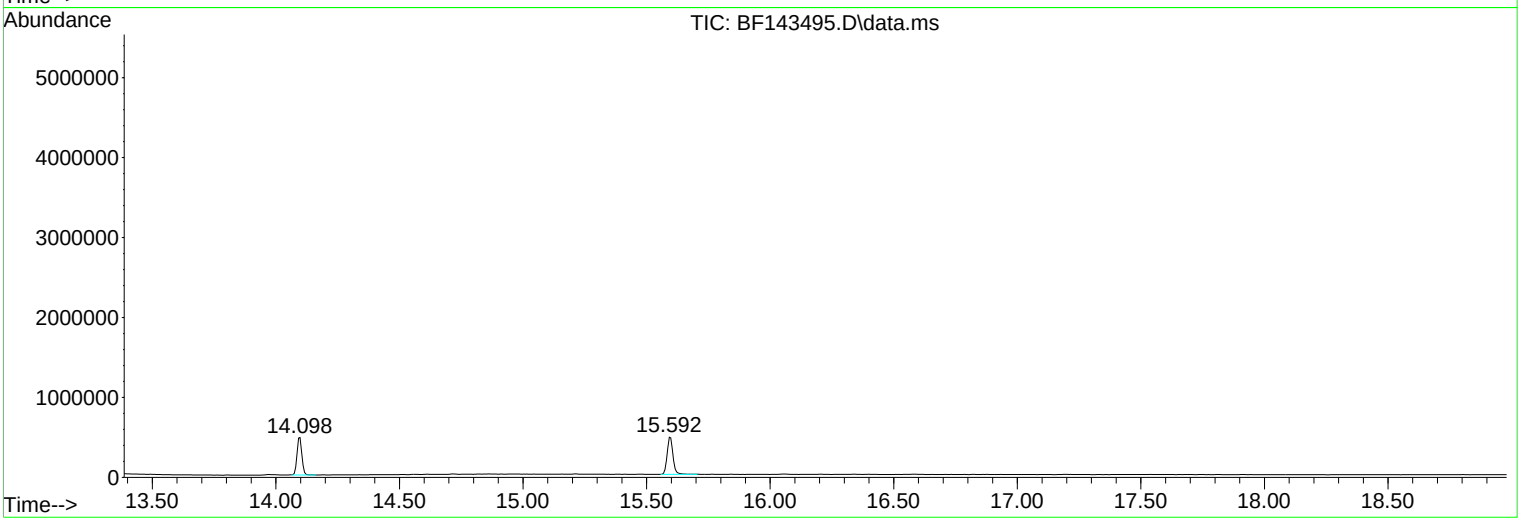
Instrument :
BNA_F
ClientSampleId :
MW-11B-081825

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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Data File : BF143495.D
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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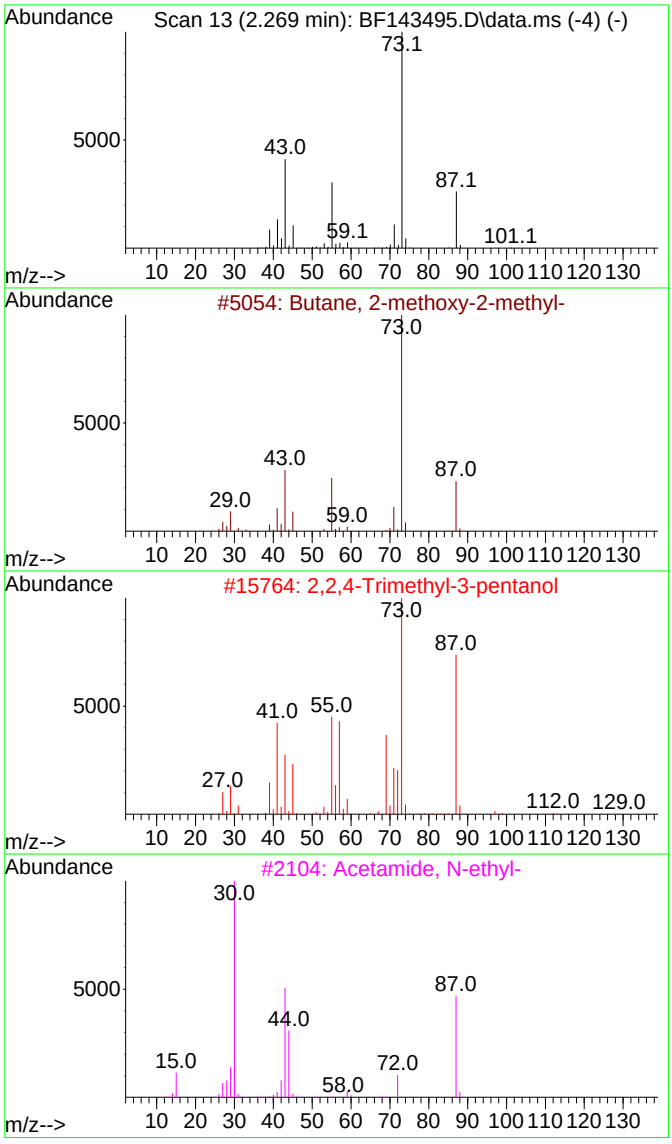
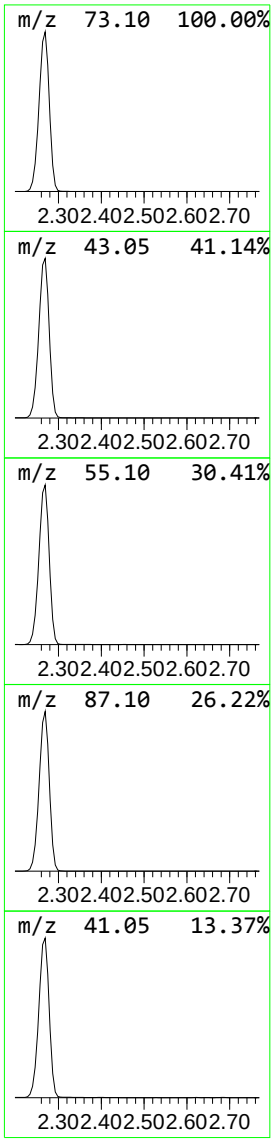
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.269	106.24 ng	4268890	1,4-Dichlorobenzene-d4	6.928

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	27
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
5	Octanal, 7-methoxy-3,7-dimethyl-	186	C11H22O2	003613-30-7	17





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Data File : BF143495.D
Acq On : 20 Aug 2025 20:08
Operator : RC/JU
Sample : Q2900-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-11B-081825

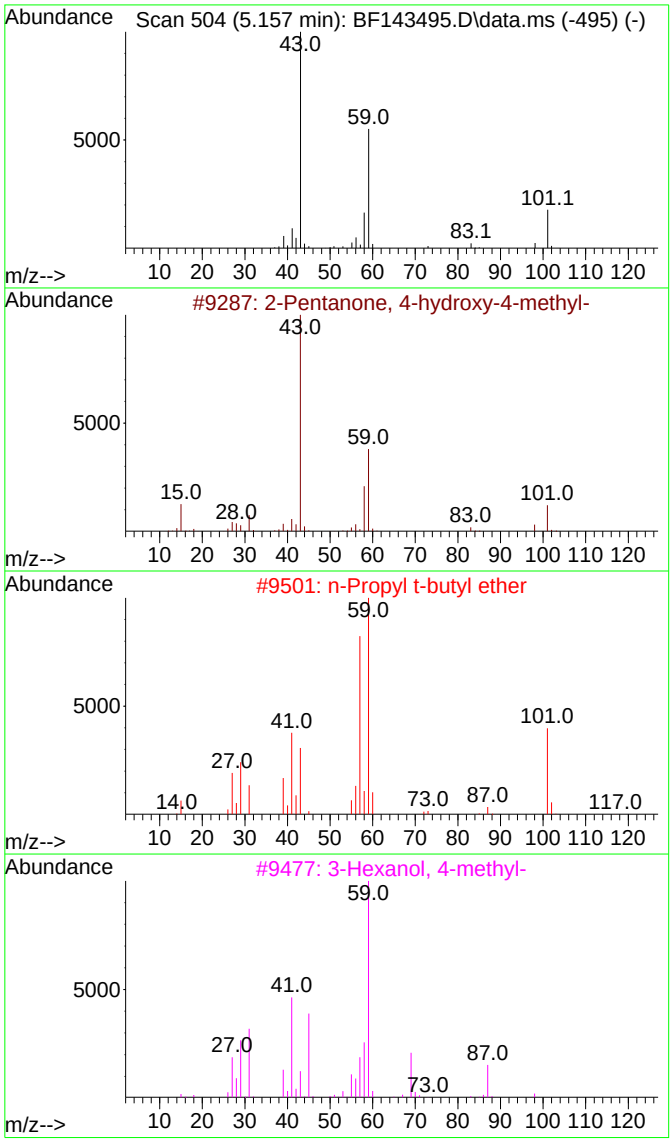
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

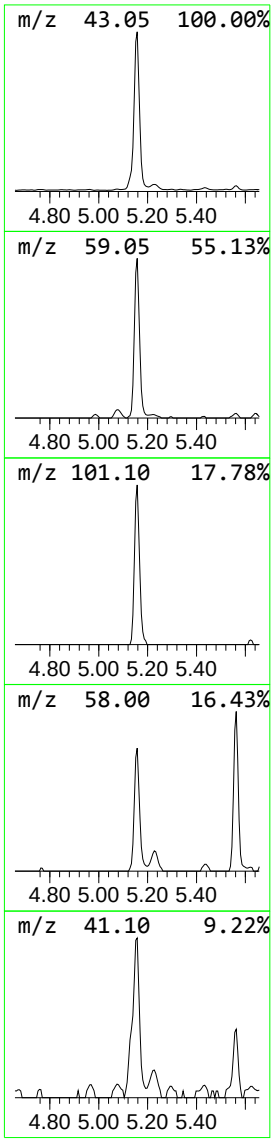
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.157	4.01 ng	161298	1,4-Dichlorobenzene-d4	6.928

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	n-Propyl t-butyl ether	116	C7H16O	1000334-81-9	33
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	28
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25





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Acq On : 20 Aug 2025 20:08
Operator : RC/JU
Sample : Q2900-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-11B-081825

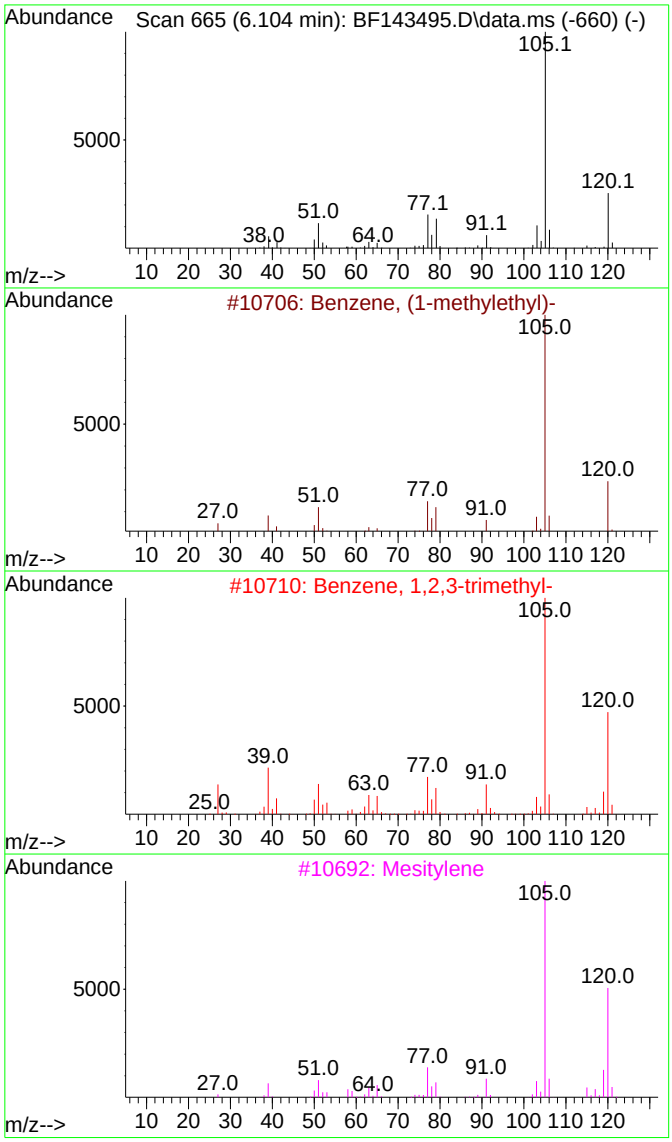
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

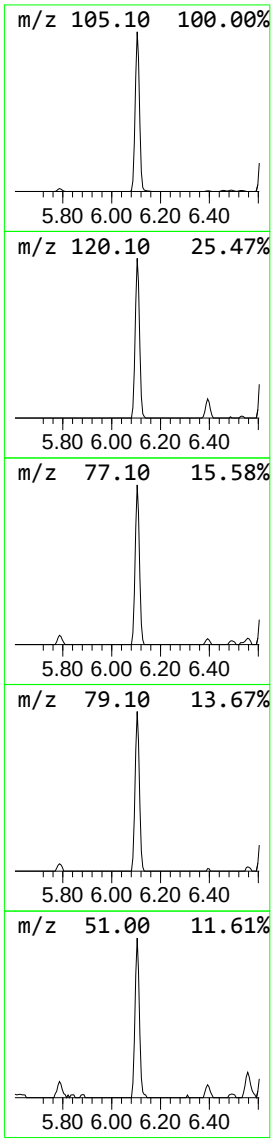
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Benzene, (1-methylethyl)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.104	5.96 ng	239482	1,4-Dichlorobenzene-d4	6.928

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	95
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
3	Mesitylene	120	C9H12	000108-67-8	86
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	83
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
Data File : BF143495.D
Acq On : 20 Aug 2025 20:08
Operator : RC/JU
Sample : Q2900-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-11B-081825

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

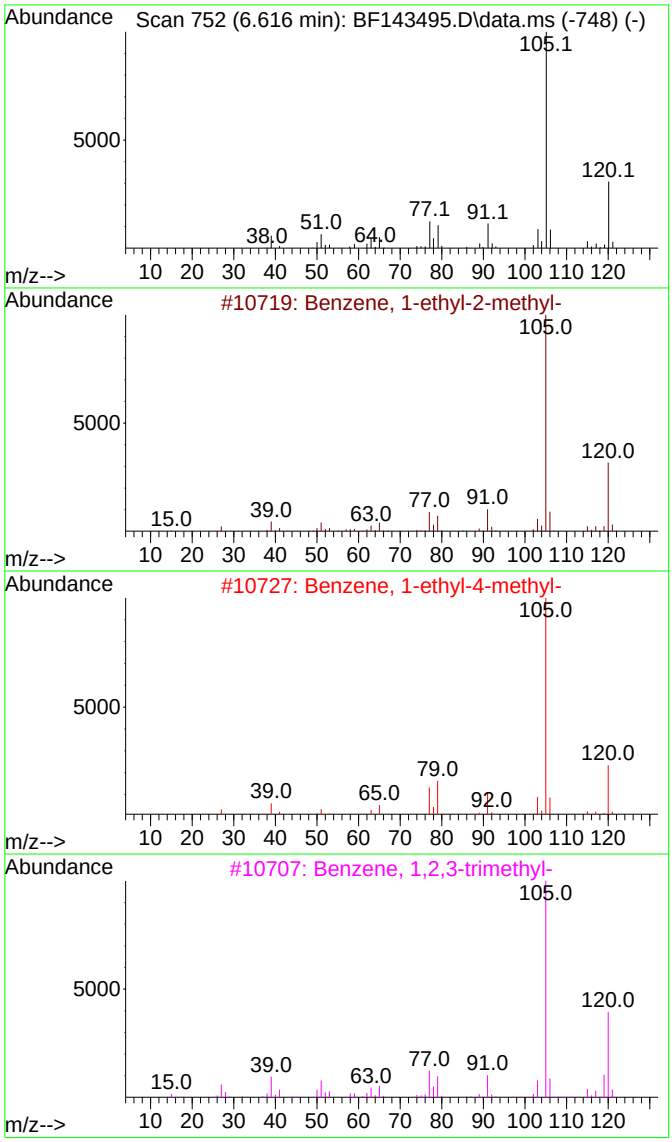
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

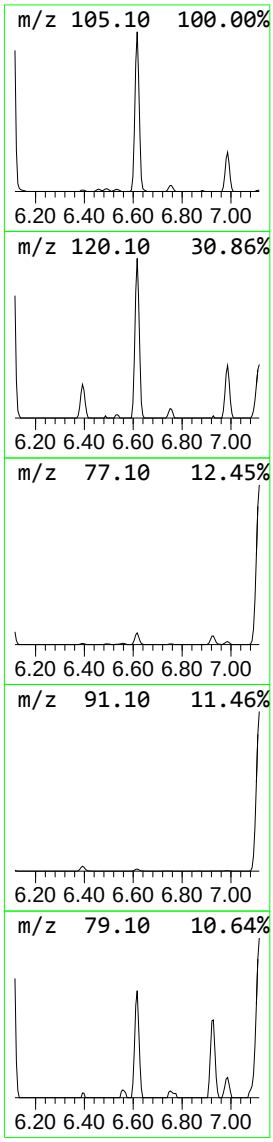
****

Peak Number 4 Benzene, 1-ethyl-2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.616	3.50 ng	140619	1,4-Dichlorobenzene-d4	6.928

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	94
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
4	Mesitylene	120	C9H12	000108-67-8	91
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
Data File : BF143495.D
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Operator : RC/JU
Sample : Q2900-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-11B-081825

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

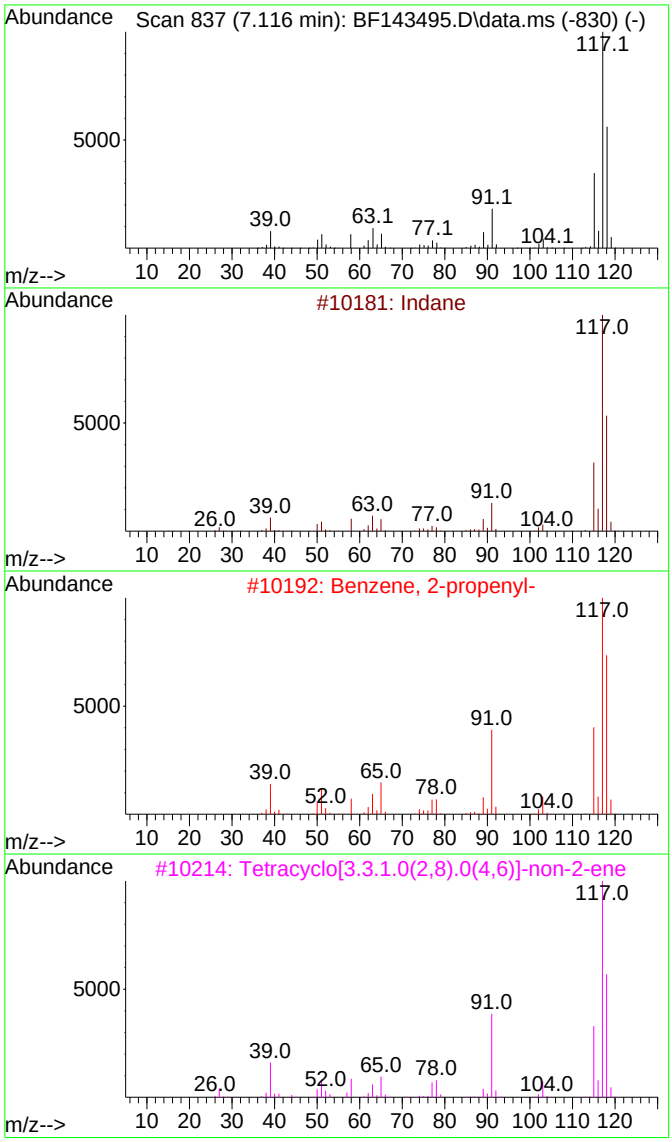
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

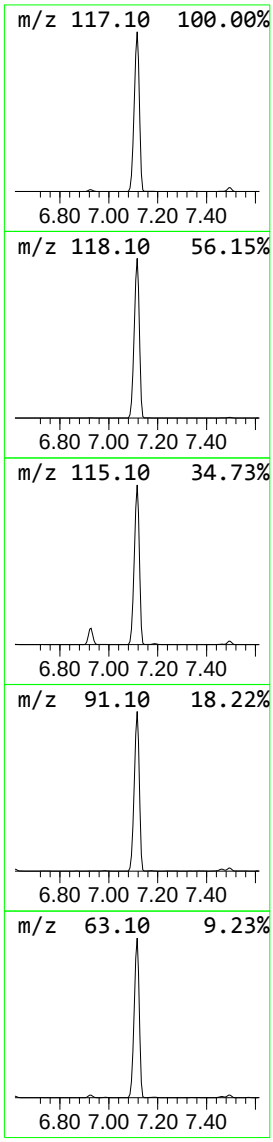
****

Peak Number 5 Indane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.116	203.57 ng	8179570	1,4-Dichlorobenzene-d4	6.928

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	93
2	Benzene, 2-propenyl-	118	C9H10	000300-57-2	81
3	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	80
4	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	64
5	Benzene, cyclopropyl-	118	C9H10	000873-49-4	53





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ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-11B-081825

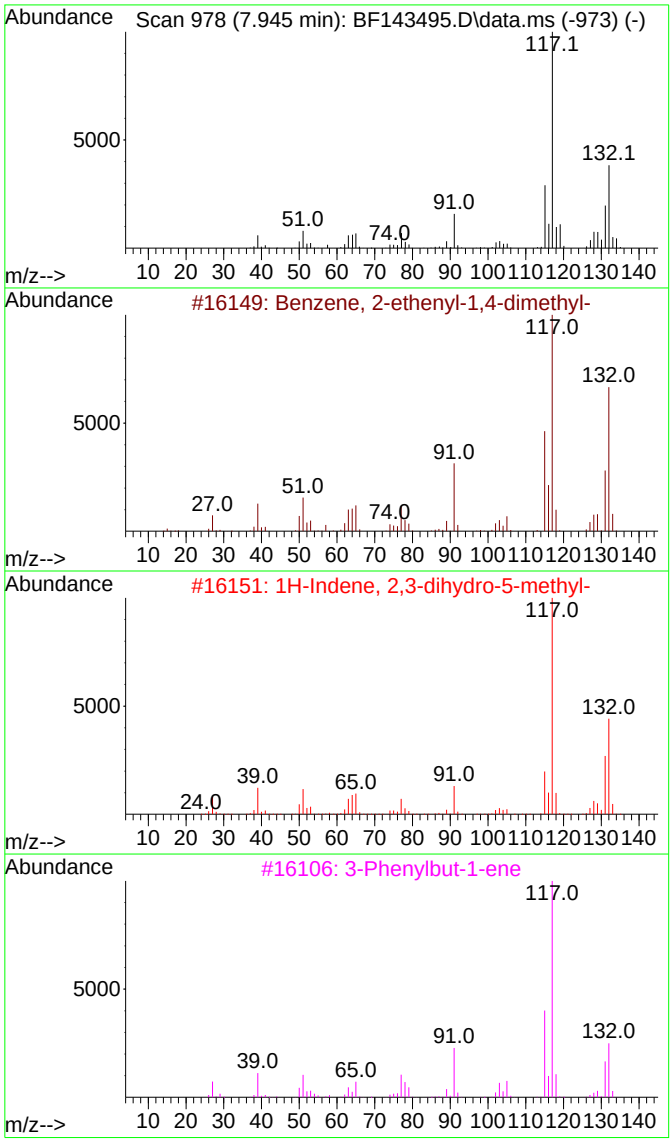
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

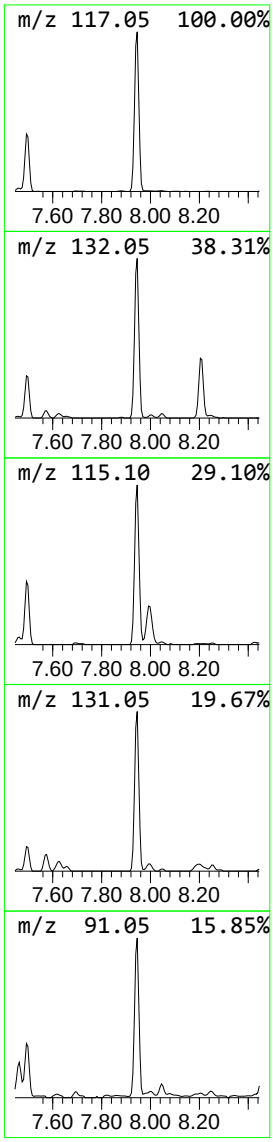
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.945	7.20 ng	528594	Naphthalene-d8	8.204

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	96
2	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	94
3	3-Phenylbut-1-ene	132	C10H12	000934-10-1	87
4	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	87
5	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	86





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Operator : RC/JU
Sample : Q2900-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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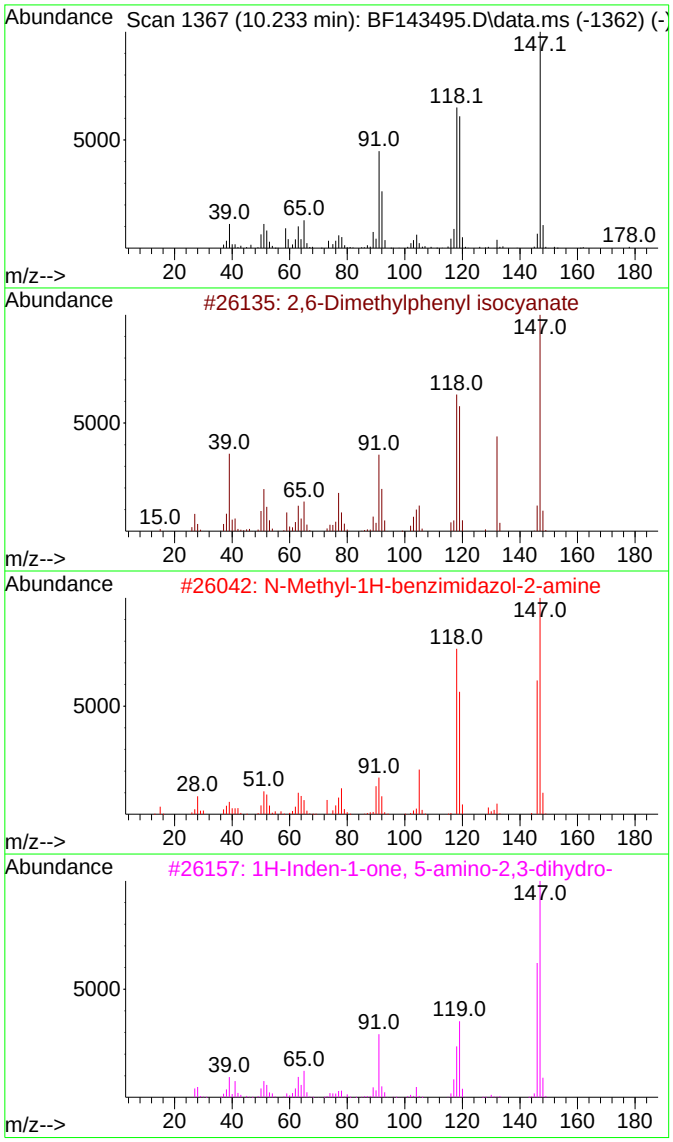
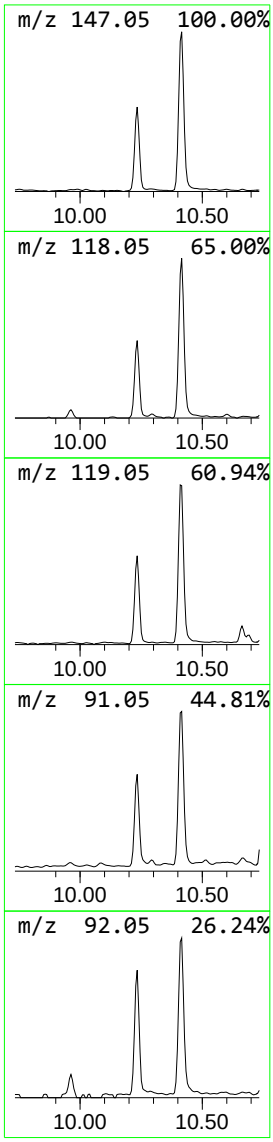
****

Peak Number 7 2,6-Dimethylphenyl isocyanate Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.233	3.53 ng	200464	Acenaphthene-d10	9.963

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6-Dimethylphenyl isocyanate	147	C9H9NO	028556-81-2	90
2	N-Methyl-1H-benzimidazol-2-amine	147	C8H9N3	017228-38-5	80
3	1H-Inden-1-one, 5-amino-2,3-dihy...	147	C9H9NO	003470-54-0	58
4	2-Indolinone, 1-methyl-	147	C9H9NO	000061-70-1	58
5	5-Cyanotropolone	147	C8H5NO2	003266-92-0	52





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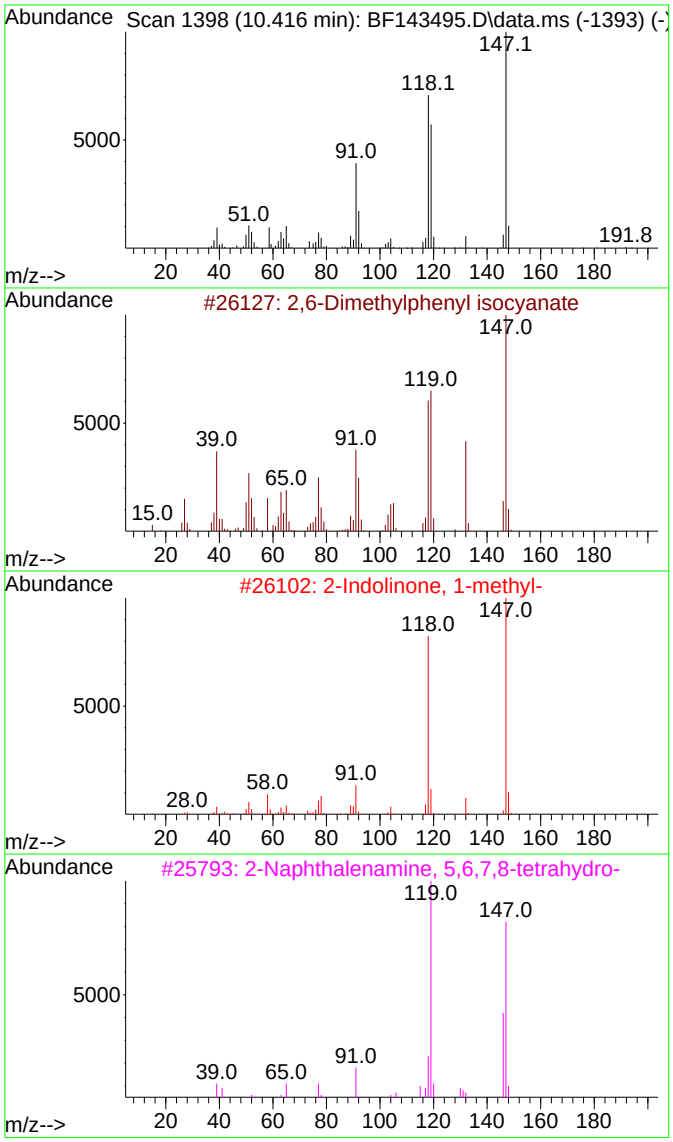
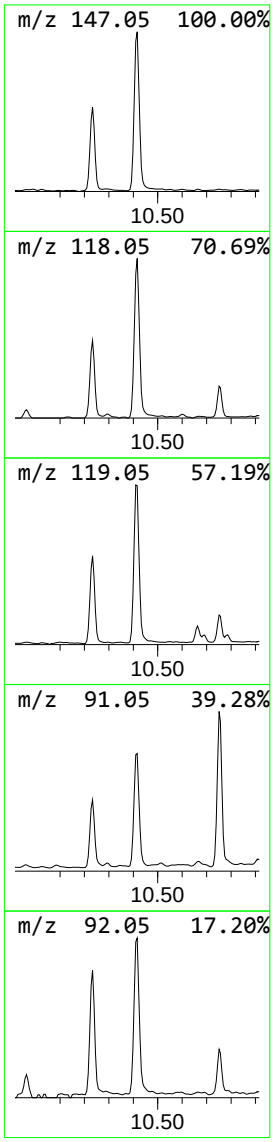
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 2-Indolinone, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.416	5.41 ng	307459	Acenaphthene-d10	9.963

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6-Dimethylphenyl isocyanate	147	C9H9NO	028556-81-2	86
2	2-Indolinone, 1-methyl-	147	C9H9NO	000061-70-1	68
3	2-Naphthalenamine, 5,6,7,8-tetra...	147	C10H13N	002217-43-8	64
4	Pyrido[3,2-d]pyrimidin-4-ol	147	C7H5N3O	037538-67-3	62
5	2,5-Dimethylbenzoxazole	147	C9H9NO	005676-58-4	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
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Sample : Q2900-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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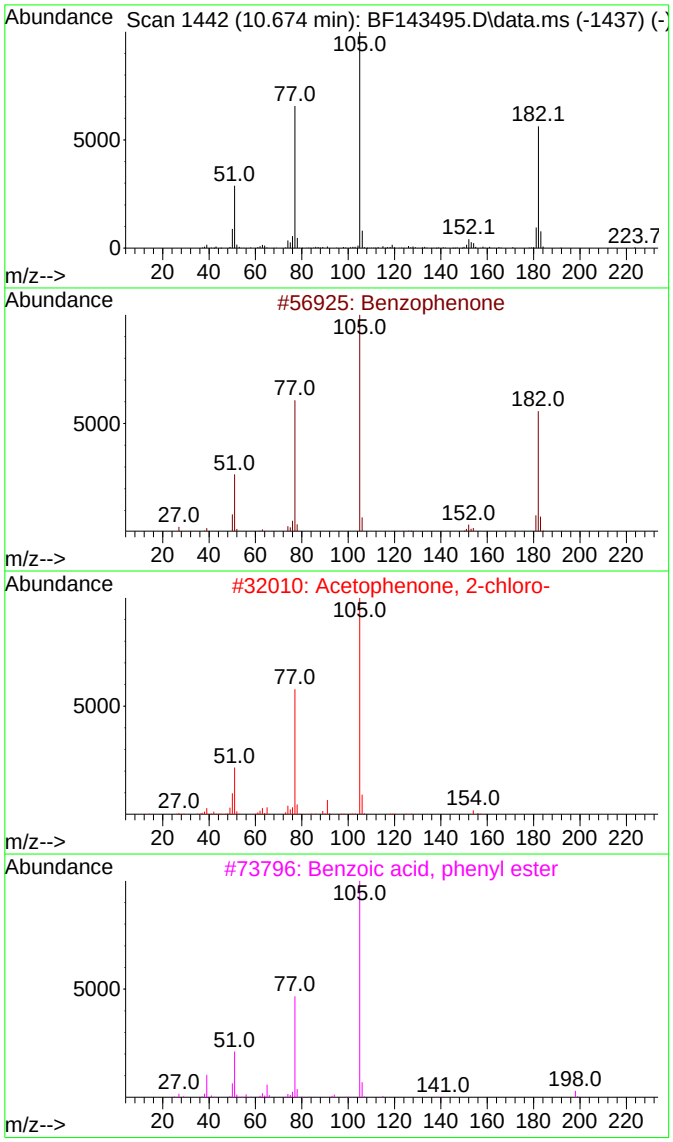
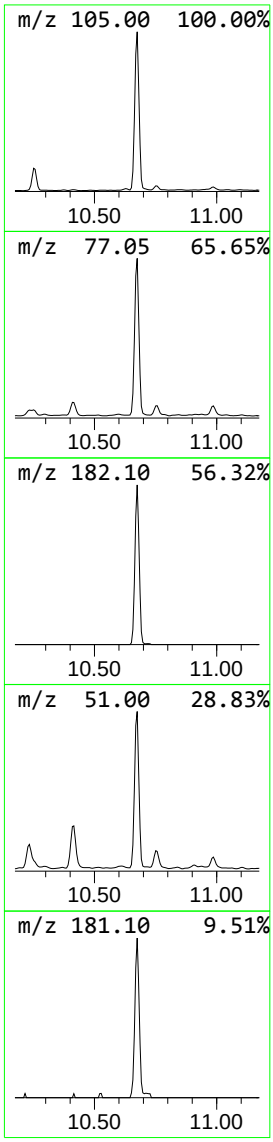
****

Peak Number 9 Benzophenone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.674	5.08 ng	288475	Acenaphthene-d10	9.963

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Acetophenone, 2-chloro-	154	C8H7ClO	000532-27-4	49
3	Benzoic acid, phenyl ester	198	C13H10O2	000093-99-2	47
4	Benzenebutanoic acid, .gamma.-ox...	192	C11H12O3	025333-24-8	47
5	2-Phenyl-4-ethylidene-2-oxazolin...	187	C11H9NO2	037791-41-6	47





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
Data File : BF143495.D
Acq On : 20 Aug 2025 20:08
Operator : RC/JU
Sample : Q2900-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-11B-081825

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.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, 2-metho...	2.269	106.2	ng	4268890	1	6.928	803628	20.0
2-Pentanone, 4-...	5.157	4.0	ng	161298	1	6.928	803628	20.0
Benzene, (1-met...	6.104	6.0	ng	239482	1	6.928	803628	20.0
Benzene, 1-ethy...	6.616	3.5	ng	140619	1	6.928	803628	20.0
Indane	7.116	203.6	ng	8179570	1	6.928	803628	20.0
Benzene, 2-ethe...	7.945	7.2	ng	528594	2	8.204	1468550	20.0
2,6-Dimethylphe...	10.233	3.5	ng	200464	3	9.963	1135690	20.0
2-Indolinone, 1...	10.416	5.4	ng	307459	3	9.963	1135690	20.0
Benzophenone	10.674	5.1	ng	288475	3	9.963	1135690	20.0