LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011425\
Data File : BF141151.D
Acq On : 14 Jan 2025 17:46
Operator : RC/JU
Sample : Q1069-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RW7B-CARBON-20250109

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-BF011025.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF141151.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.199	7	18	27	rBV3	42249	115549	1.07%	0.469%
2	2.469	46	64	69	rBV	5284445	10811479	100.00%	43.853%
3	3.328	206	210	234	rVB	66593	163022	1.51%	0.661%
4	4.104	335	342	350	rVB	1003309	1521439	14.07%	6.171%
5	4.992	484	493	497	rBV	807057	1426534	13.19%	5.786%
6	5.034	497	500	506	rVB	114331	165890	1.53%	0.673%
7	5.422	559	566	577	rBV	215658	279250	2.58%	1.133%
8	6.428	732	737	742	rBV	221544	305365	2.82%	1.239%
9	6.816	798	803	810	rBV	744957	929618	8.60%	3.771%
10	7.369	887	897	908	rBV2	223388	369432	3.42%	1.498%
11	8.098	1015	1021	1026	rBV	967014	1250031	11.56%	5.070%
12	9.175	1198	1204	1209	rBV	437920	557242	5.15%	2.260%
13	9.857	1313	1320	1333	rVB	1070078	1449712	13.41%	5.880%
14	10.563	1435	1440	1448	rBV	271861	360883	3.34%	1.464%
15	10.639	1448	1453	1463	rVV	199351	265160	2.45%	1.076%
16	11.339	1567	1572	1579	rBV	1171915	1462707	13.53%	5.933%
17	11.868	1657	1662	1666	rBV	94190	140604	1.30%	0.570%
18	12.927	1836	1842	1854	rVB	451811	588877	5.45%	2.389%
19	13.980	2014	2021	2037	rVB2	1045689	1532981	14.18%	6.218%
20	15.439	2263	2269	2286	rBV	589215	957992	8.86%	3.886%

Sum of corrected areas: 24653767

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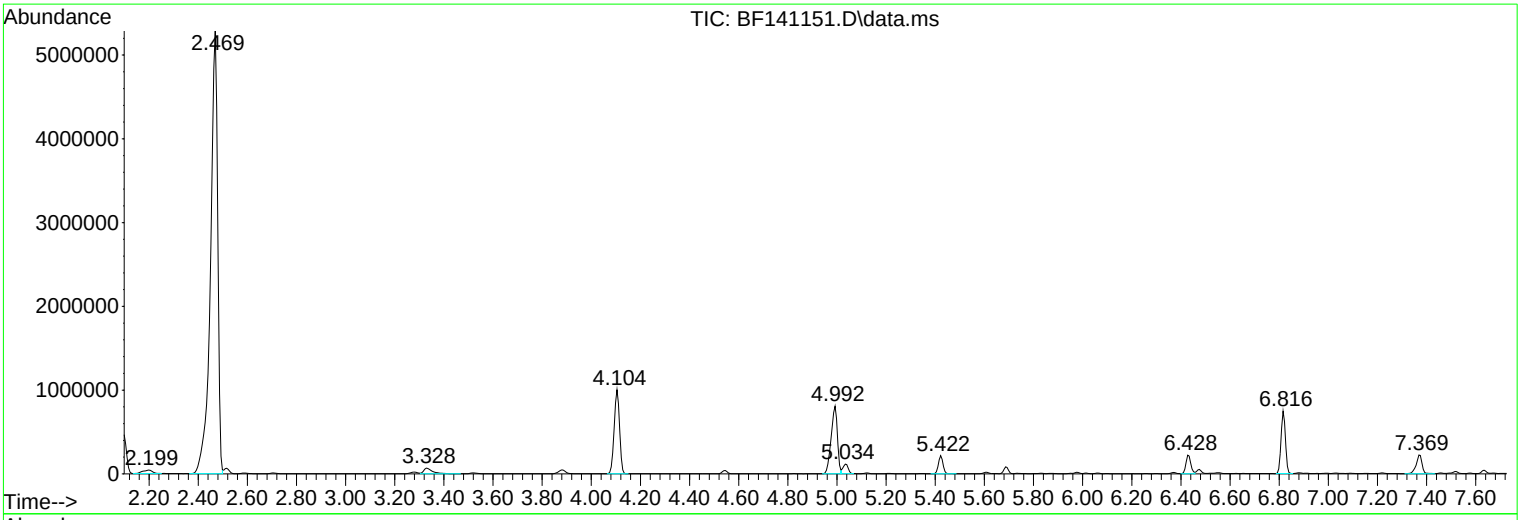
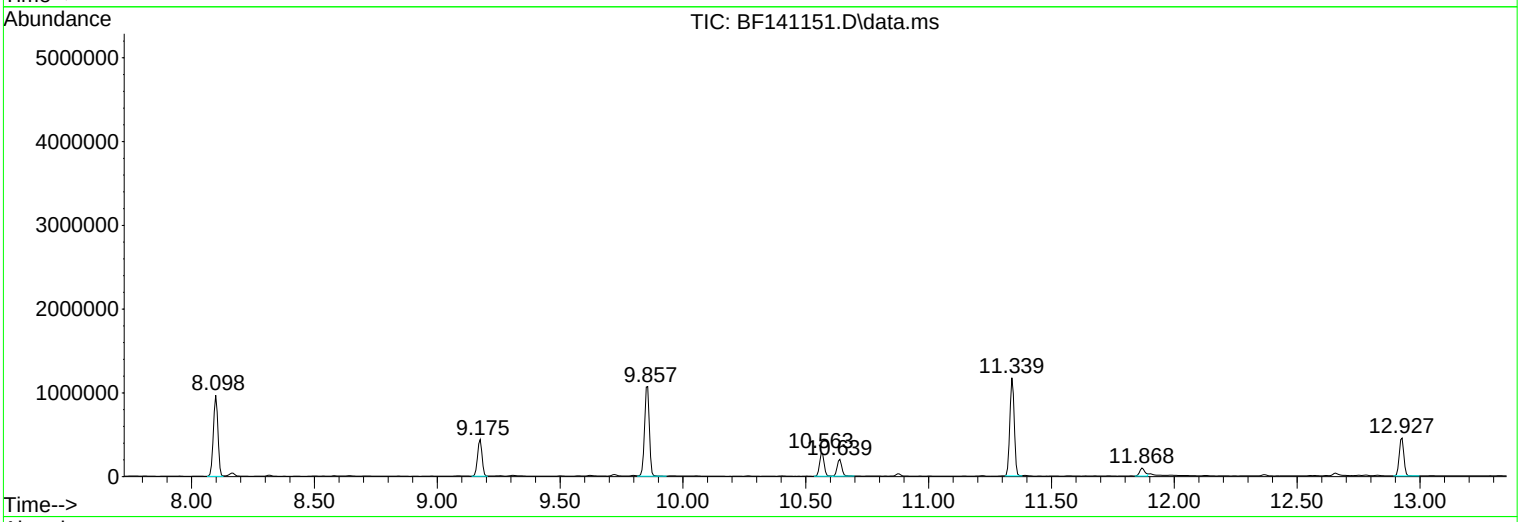
Sample : Q1069-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

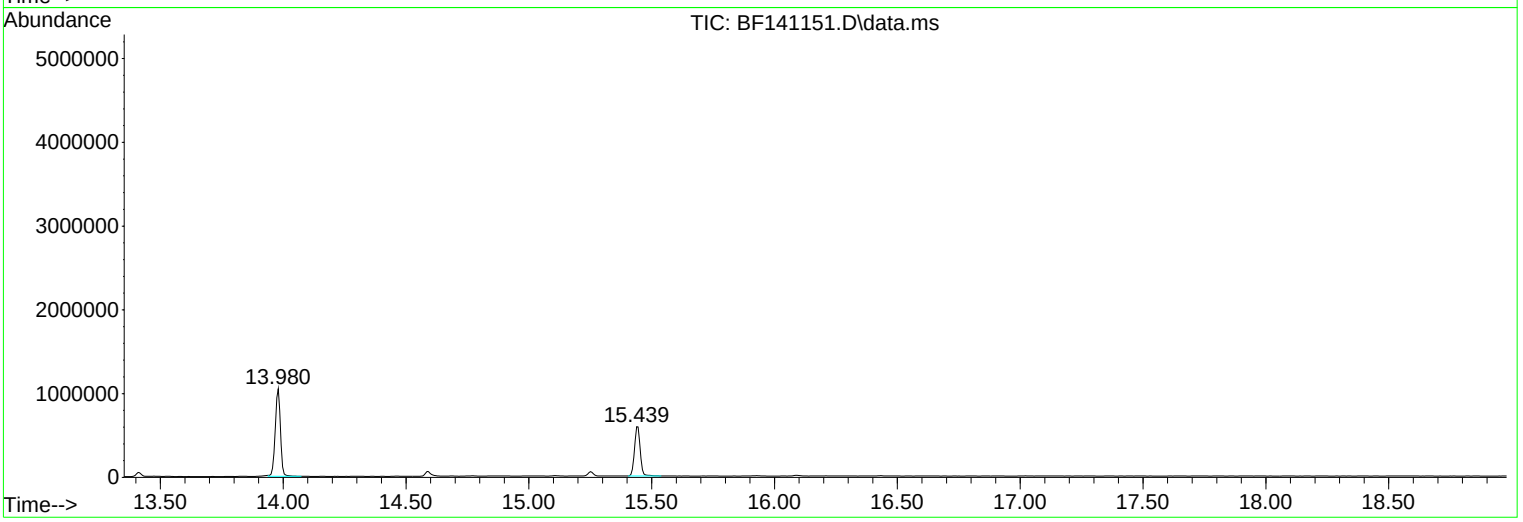
Instrument :
BNA_F
ClientSampleId :
RW7B-CARBON-20250109

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.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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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

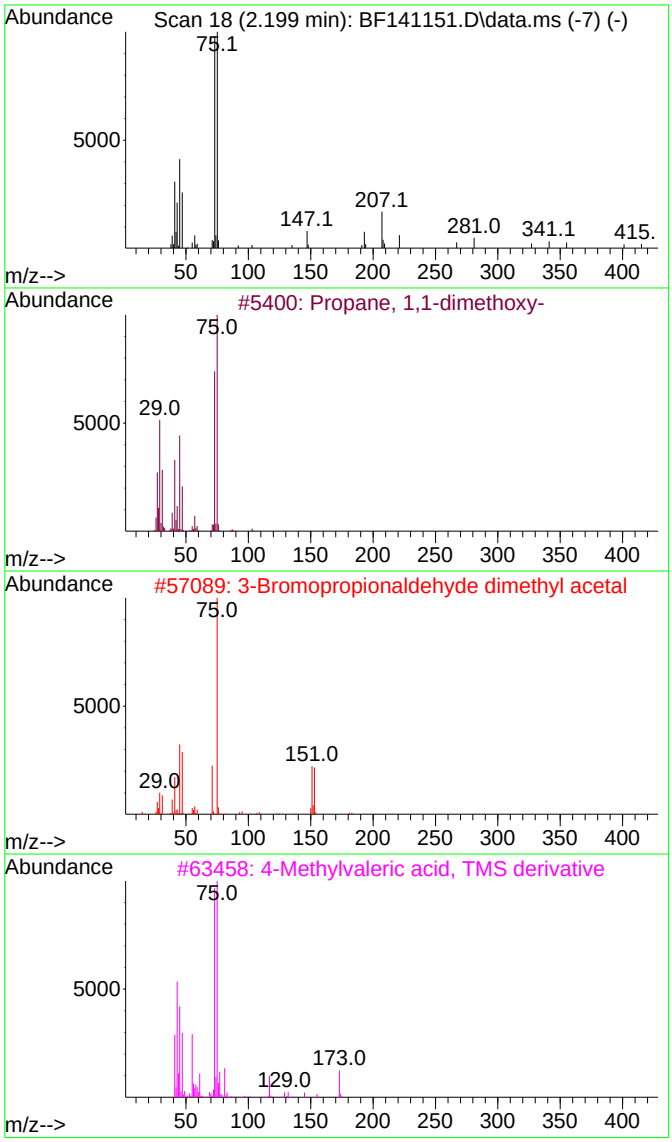
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

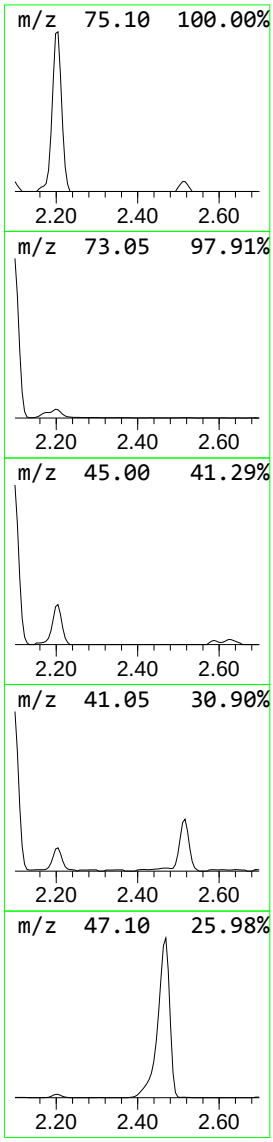
****

Peak Number 1 Propane, 1,1-dimethoxy- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.199	2.49 ng	115549	1,4-Dichlorobenzene-d4	6.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 1,1-dimethoxy-	104	C5H12O2	004744-10-9	59
2	3-Bromopropionaldehyde dimethyl ...	182	C5H11BrO2	036255-44-4	42
3	4-Methylvaleric acid, TMS deriva...	188	C9H20O2Si	959048-10-3	40
4	2'-Deoxyribolactone, 2TMS deriva...	276	C11H24O4Si2	010589-33-0	40
5	4-Hydroxy-5-(hydroxymethyl)oxola...	276	C11H24O4Si2	074742-34-0	40





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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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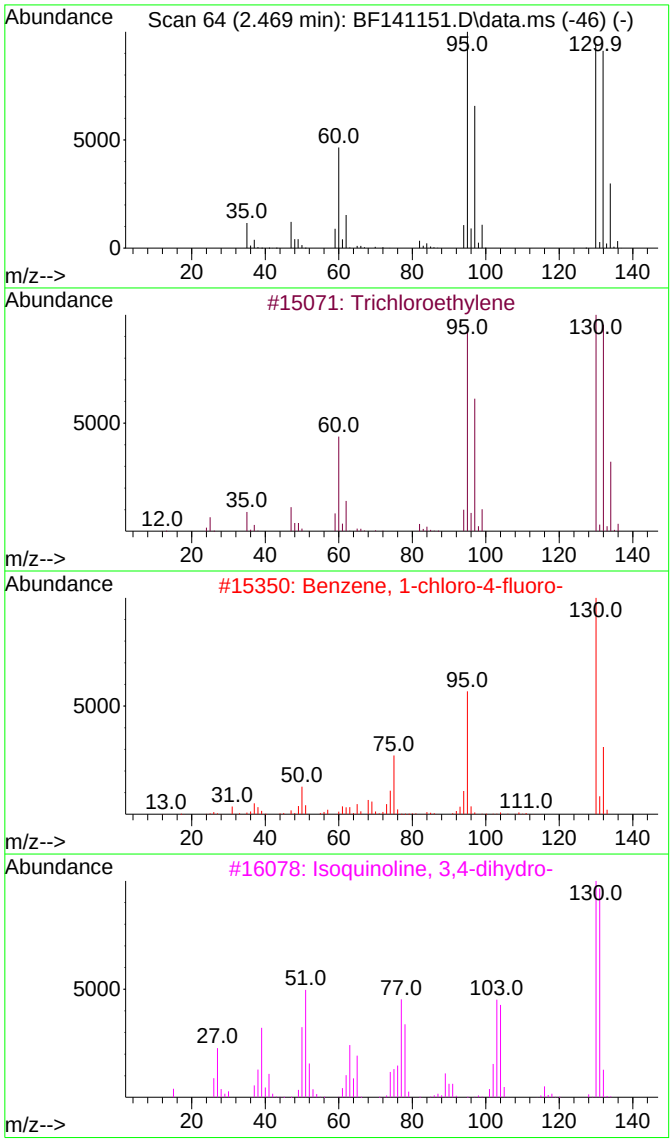
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

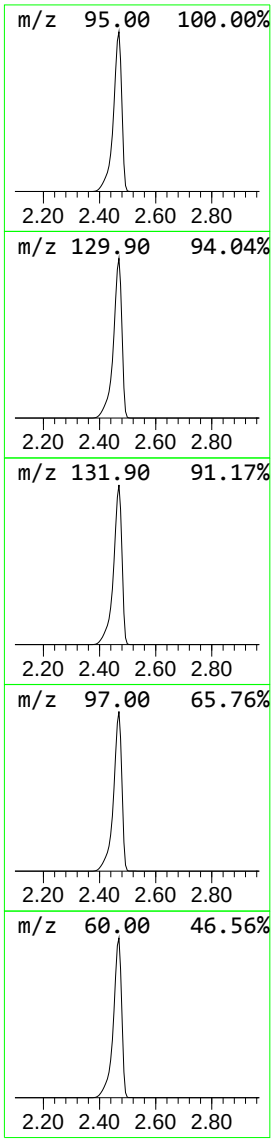
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Trichloroethylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.469	232.60 ng	10811500	1,4-Dichlorobenzene-d4	6.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trichloroethylene	130	C2HCl3	000079-01-6	99
2	Benzene, 1-chloro-4-fluoro-	130	C6H4ClF	000352-33-0	22
3	Isoquinoline, 3,4-dihydro-	131	C9H9N	003230-65-7	12
4	1H-1,2,4-Triazol-3-amine, 5-(met...	130	C3H6N4S	045534-08-5	10
5	1,3-Oxathiane, 4,6-dimethyl-, tr...	132	C6H12OS	022452-26-2	10





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011425\
Data File : BF141151.D
Acq On : 14 Jan 2025 17:46
Operator : RC/JU
Sample : Q1069-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RW7B-CARBON-20250109

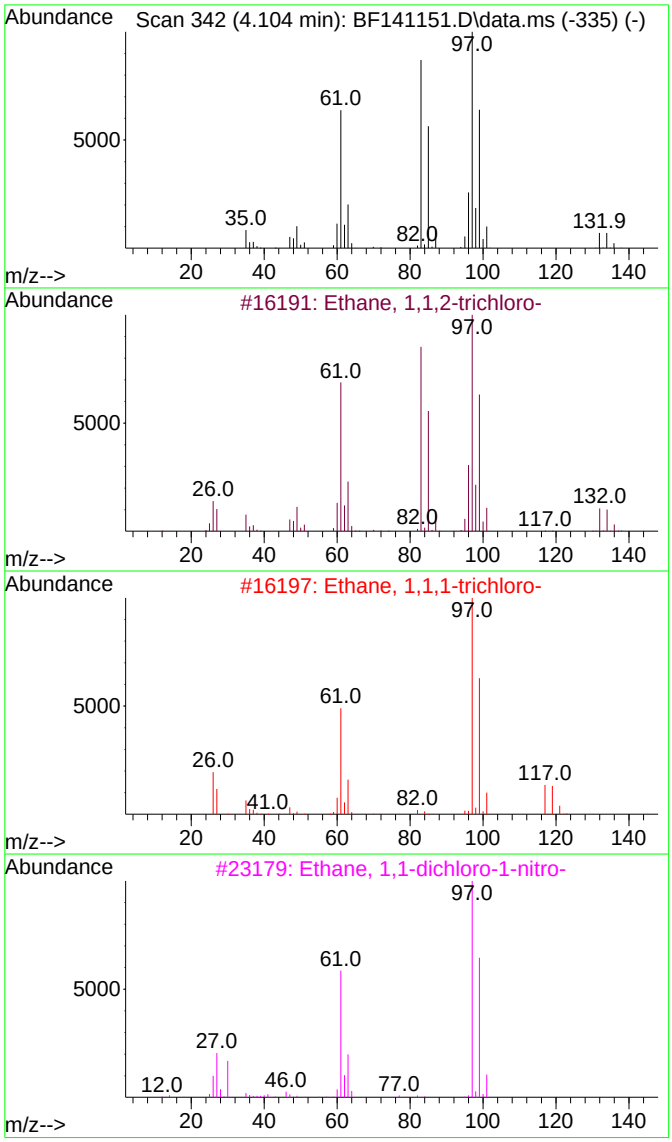
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

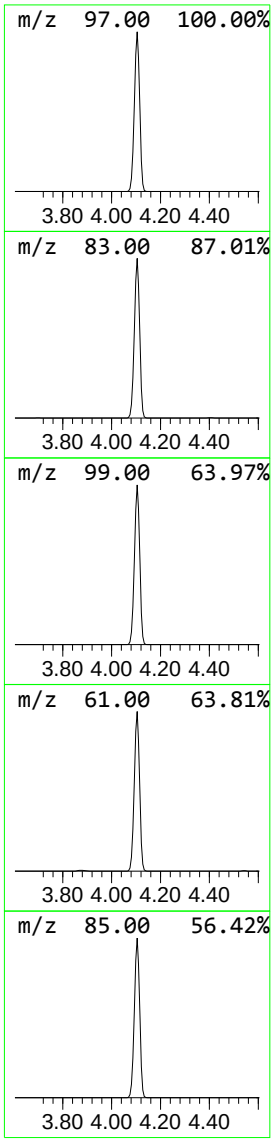
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Ethane, 1,1,2-trichloro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.104	32.73 ng	1521440	1,4-Dichlorobenzene-d4	6.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethane, 1,1,2-trichloro-	132	C2H3Cl3	000079-00-5	97
2	Ethane, 1,1,1-trichloro-	132	C2H3Cl3	000071-55-6	43
3	Ethane, 1,1-dichloro-1-nitro-	143	C2H3Cl2NO2	000594-72-9	43
4	Propanoyl chloride, 2,2-dichloro-	160	C3H3Cl3O	026073-26-7	32
5	2,3-Dichloropropionyl chloride	160	C3H3Cl3O	007623-13-4	32





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011425\
Data File : BF141151.D
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Operator : RC/JU
Sample : Q1069-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

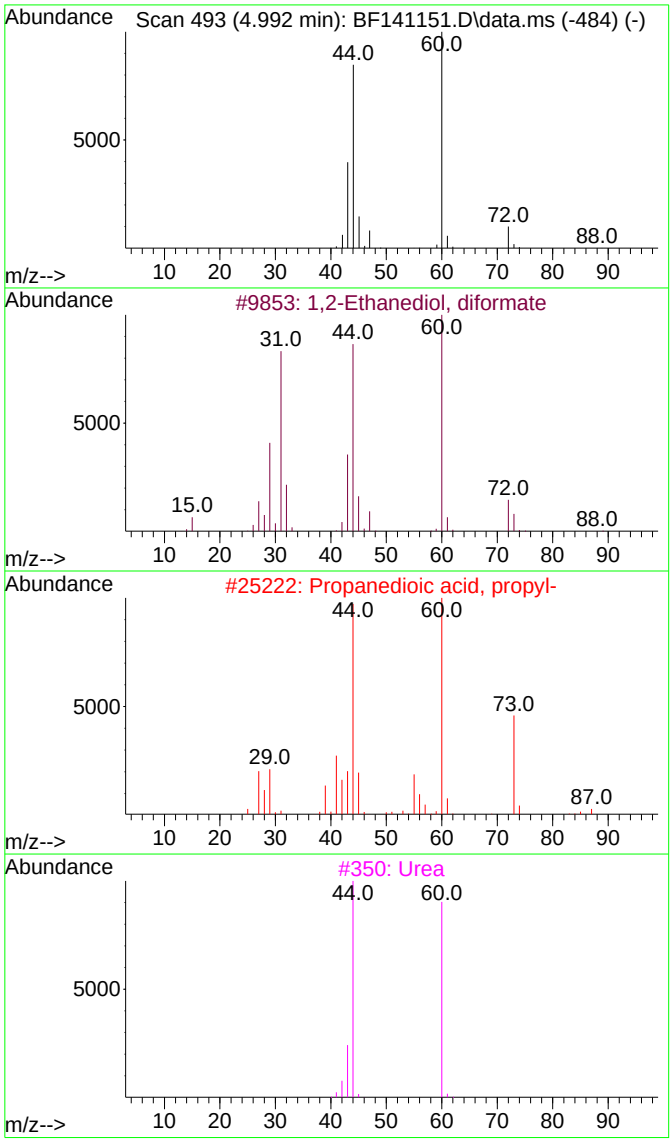
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

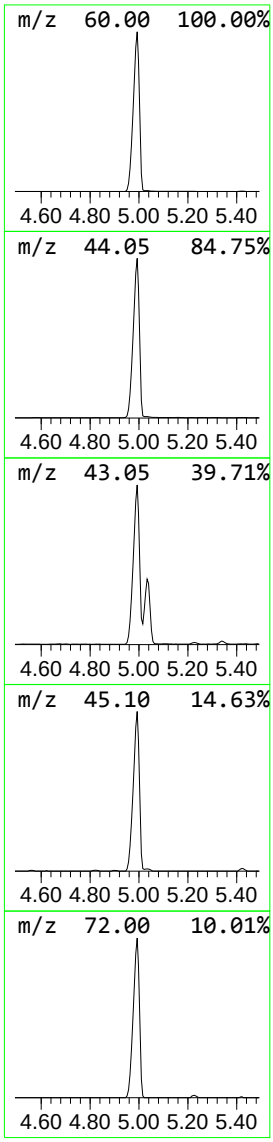
****

Peak Number 4 1,2-Ethanediol, diformate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.992	30.69 ng	1426530	1,4-Dichlorobenzene-d4	6.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Ethanediol, diformate	118	C4H6O4	000629-15-2	64
2	Propanedioic acid, propyl-	146	C6H10O4	000616-62-6	56
3	Urea	60	CH4N2O	000057-13-6	9
4	Acetic acid, hydroxy[(1-oxo-2-pr...	145	C5H7NO4	006737-24-2	9
5	Ethyne, chloro-	60	C2HCl	000593-63-5	7





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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RW7B-CARBON-20250109

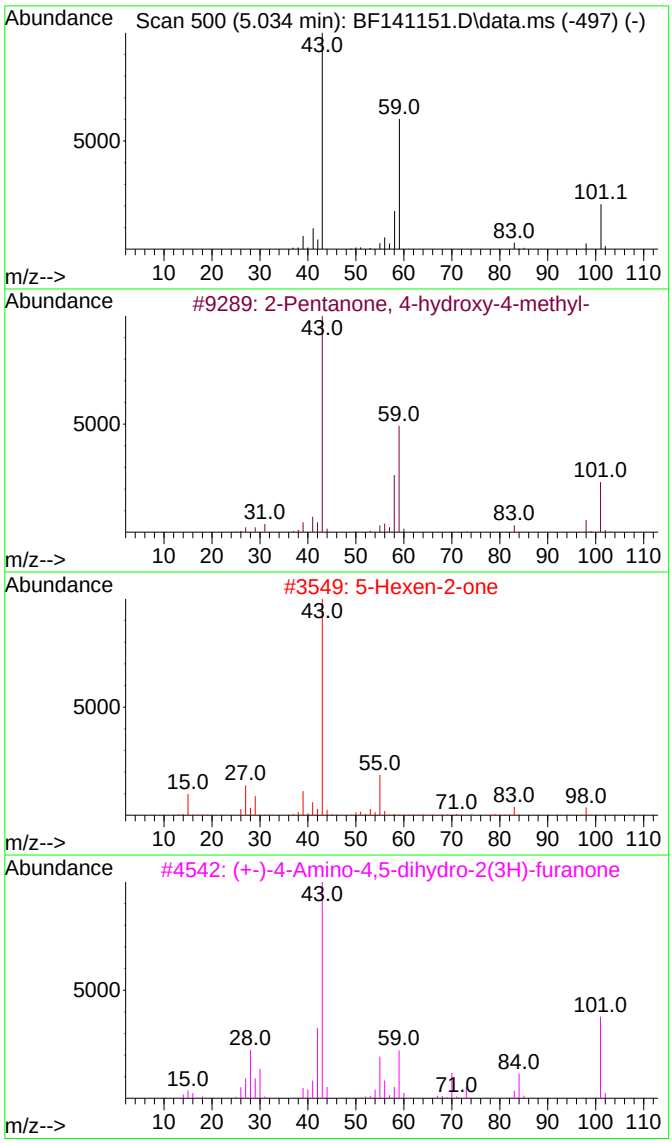
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

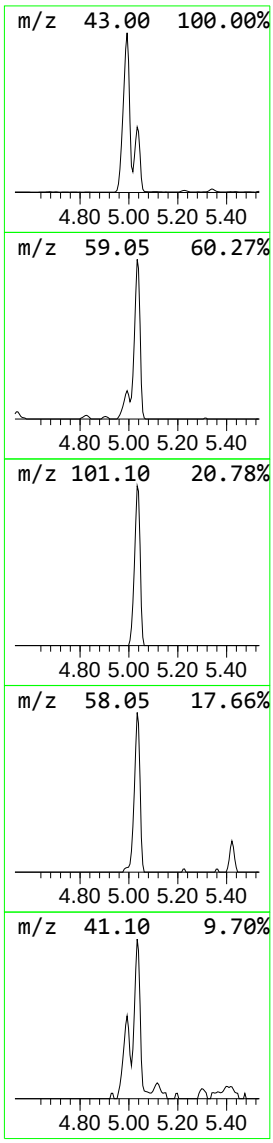
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.034	3.57 ng	165890	1,4-Dichlorobenzene-d4	6.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2	5-Hexen-2-one	98	C6H10O	000109-49-9	9
3	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	n-Propyl t-butyl ether	116	C7H16O	1000334-81-9	9





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ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

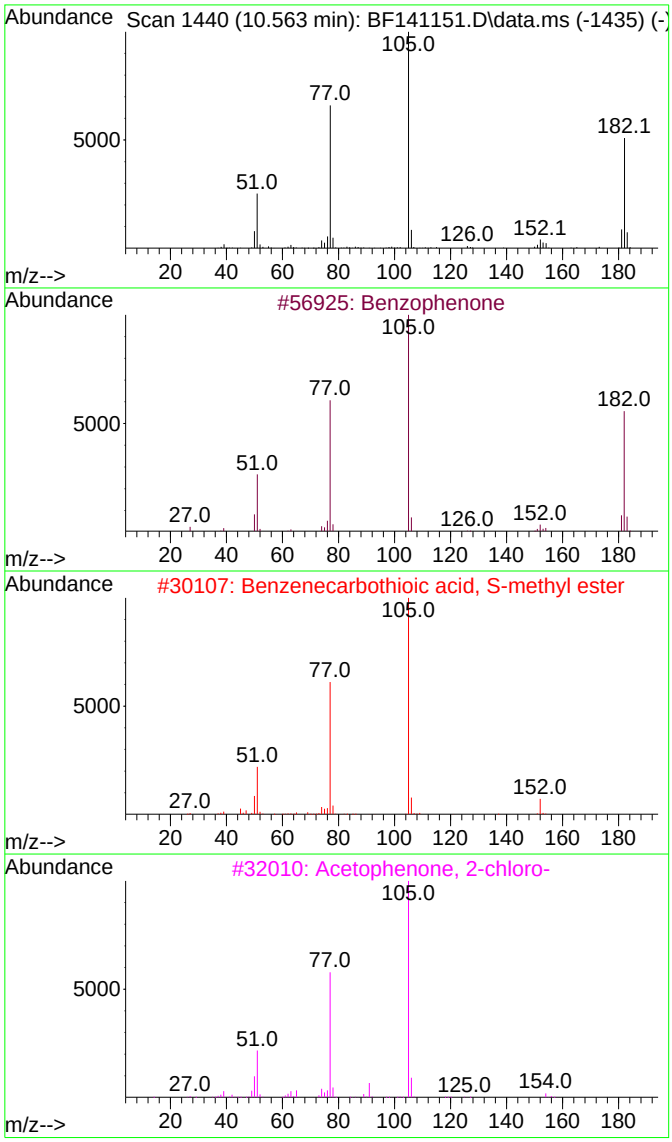
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

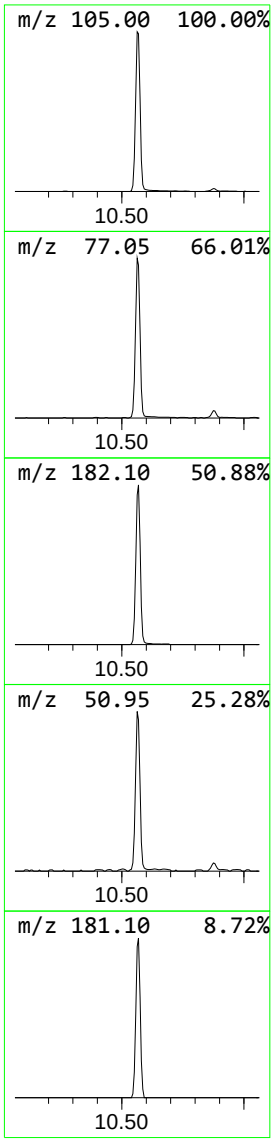
****

Peak Number 6 Benzophenone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.563	4.98 ng	360883	Acenaphthene-d10	9.857

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	52
3	Acetophenone, 2-chloro-	154	C8H7ClO	000532-27-4	49
4	Benzenebutanoic acid, .gamma.-oxo-	178	C10H10O3	002051-95-8	47
5	N-Methoxy-N-methylbenzamide	165	C9H11NO2	006919-61-5	47





Tentatively Identified Compound (LSC) summary

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Instrument :
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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
Propane, 1,1-di...	2.199	2.5	ng	115549	1	6.816	929618	20.0
Trichloroethylene	2.469	232.6	ng	10811500	1	6.816	929618	20.0
Ethane, 1,1,2-t...	4.104	32.7	ng	1521440	1	6.816	929618	20.0
1,2-Ethanediol,...	4.992	30.7	ng	1426530	1	6.816	929618	20.0
2-Pentanone, 4-...	5.034	3.6	ng	165890	1	6.816	929618	20.0
Benzophenone	10.563	5.0	ng	360883	3	9.857	1449710	20.0