LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072325\
Data File : BF143216.D
Acq On : 23 Jul 2025 17:28
Operator : RC/JU
Sample : Q2645-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RW5B-CARBON-20250716

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-BF071725.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF143216.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.316	13	21	27	rBV	661001	1083849	4.46%	2.627%
2	2.387	27	33	42	rBV3	167221	353776	1.46%	0.857%
3	2.740	70	93	99	rBV	6651308	24281595	100.00%	58.853%
4	4.310	353	360	366	rBV	2352800	3749322	15.44%	9.088%
5	5.163	494	505	509	rBV	1247148	2719881	11.20%	6.592%
6	5.846	612	621	626	rBV	866615	1114539	4.59%	2.701%
7	5.922	629	634	644	rVV	255073	342014	1.41%	0.829%
8	6.963	805	811	817	rBV	632505	799959	3.29%	1.939%
9	7.498	890	902	909	rBV2	382675	735612	3.03%	1.783%
10	8.240	1023	1028	1033	rBV	791331	996673	4.10%	2.416%
11	9.310	1205	1210	1215	rBV	321131	401069	1.65%	0.972%
12	9.857	1298	1303	1311	rVB	238120	368743	1.52%	0.894%
13	9.998	1322	1327	1332	rVB	889680	1102080	4.54%	2.671%
14	11.481	1574	1579	1585	rBV	862089	1089738	4.49%	2.641%
15	12.004	1663	1668	1672	rBV	213728	303191	1.25%	0.735%
16	14.116	2019	2027	2036	rBV2	585751	1121601	4.62%	2.719%
17	15.621	2277	2283	2295	rVB	444173	694234	2.86%	1.683%

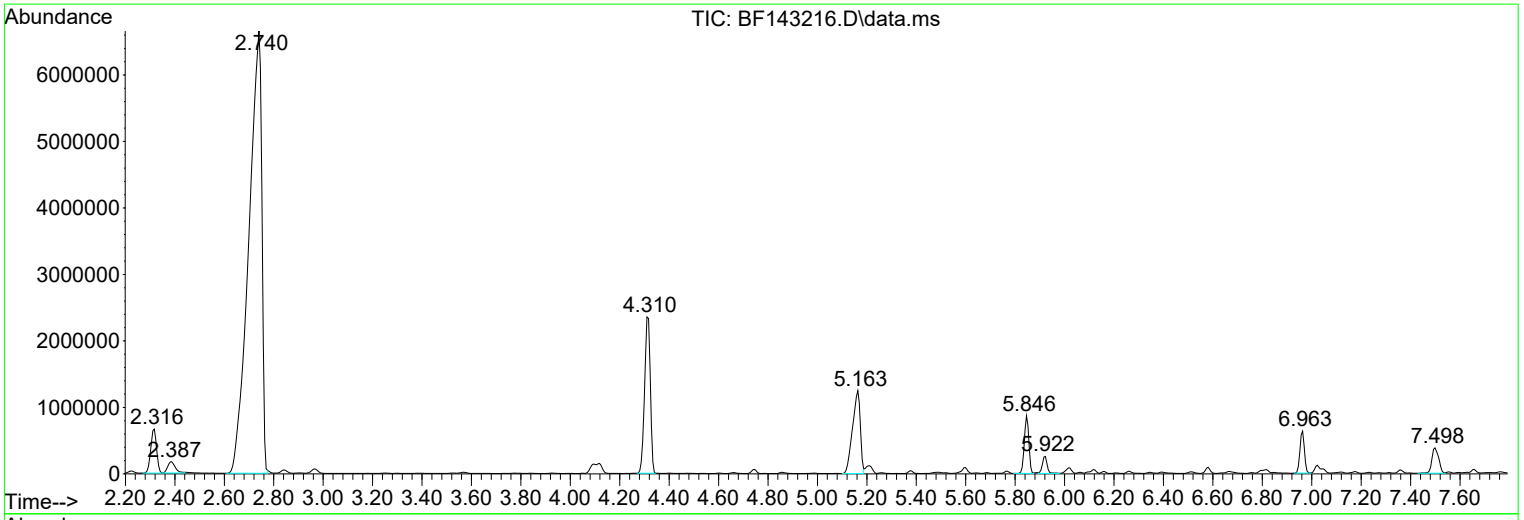
Sum of corrected areas: 41257876

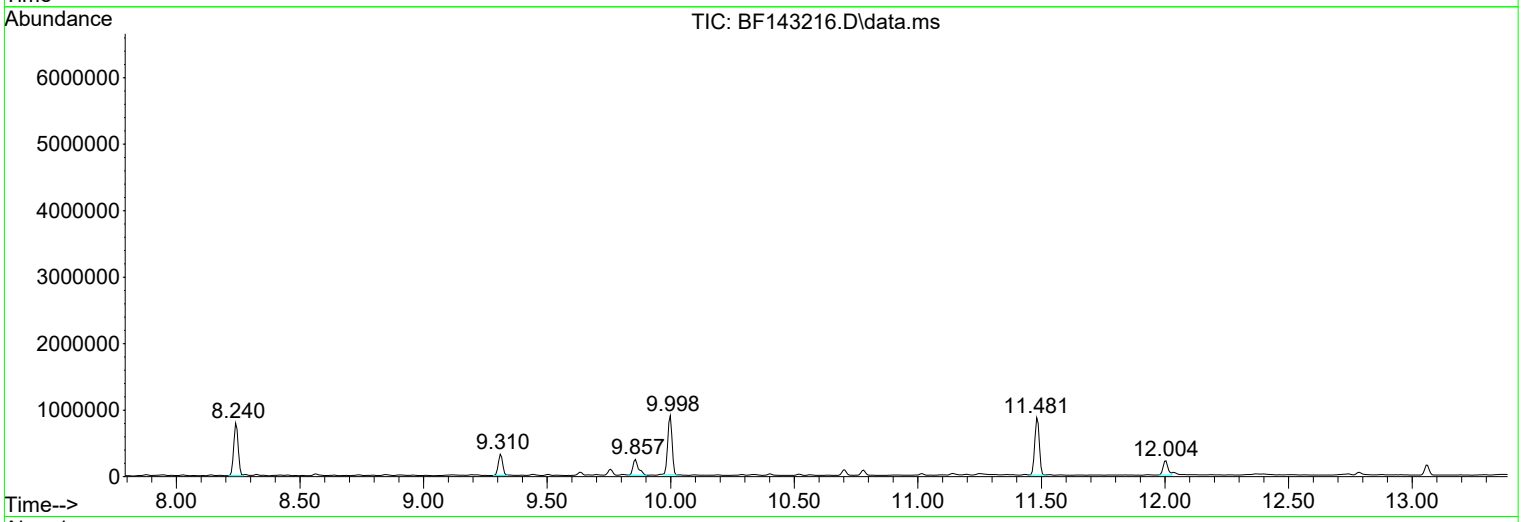
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072325\
Data File : BF143216.D
Acq On : 23 Jul 2025 17:28
Operator : RC/JU
Sample : Q2645-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

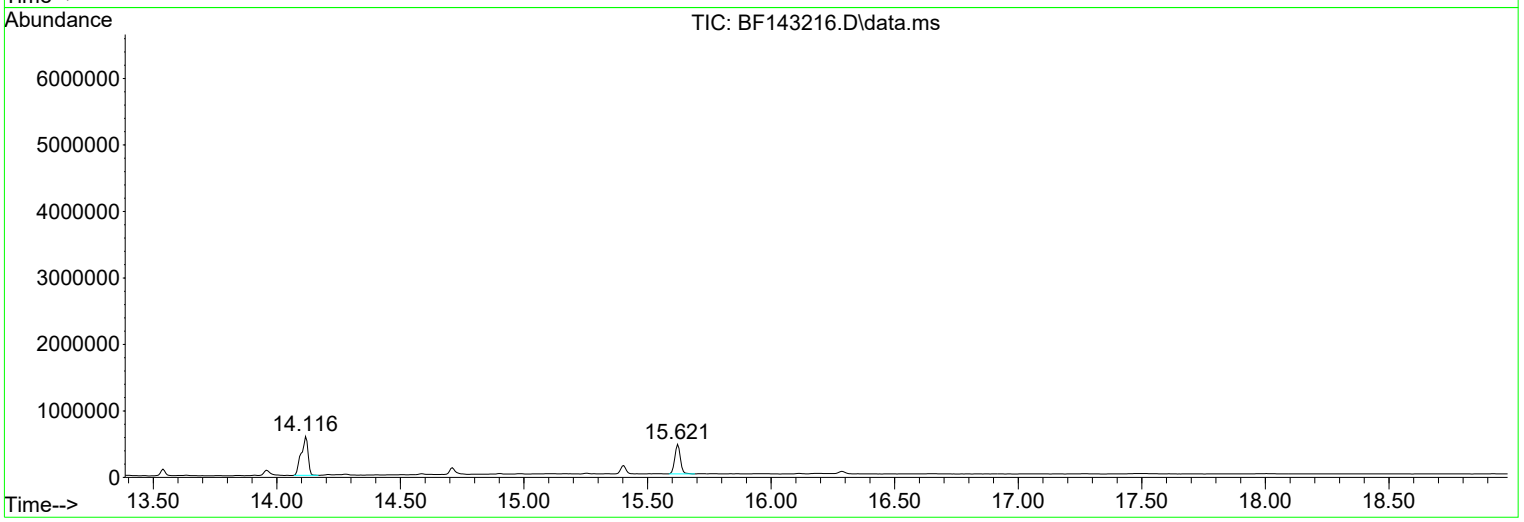
Instrument :
BNA_F
ClientSampleId :
RW5B-CARBON-20250716

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.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\BF072325\
Data File : BF143216.D
Acq On : 23 Jul 2025 17:28
Operator : RC/JU
Sample : Q2645-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RW5B-CARBON-20250716

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

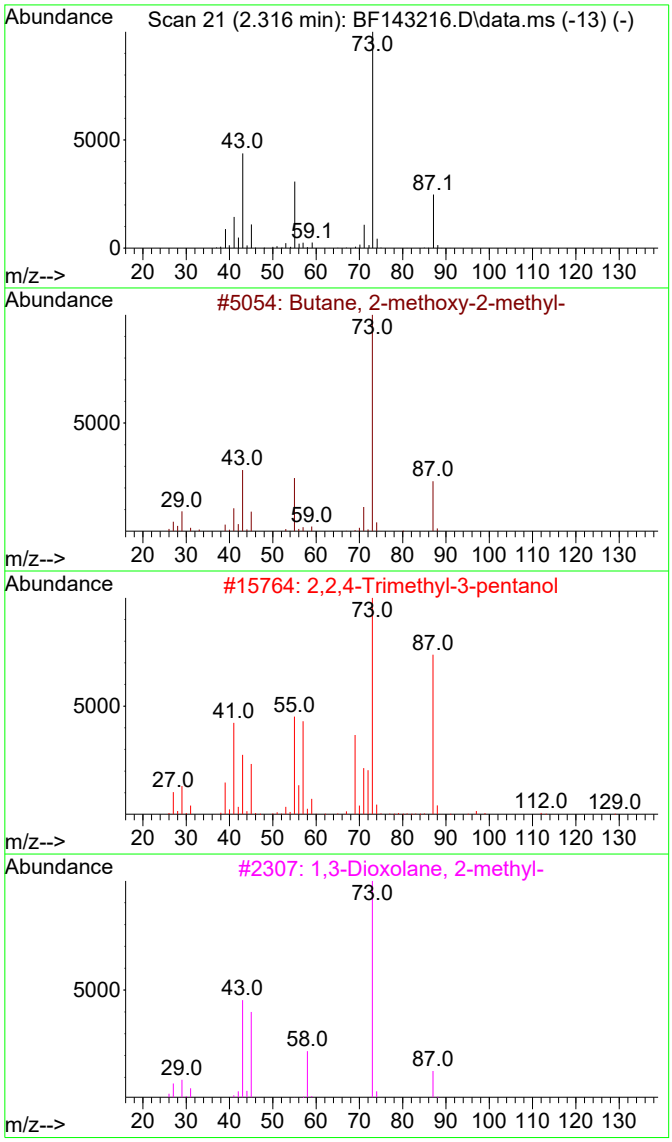
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

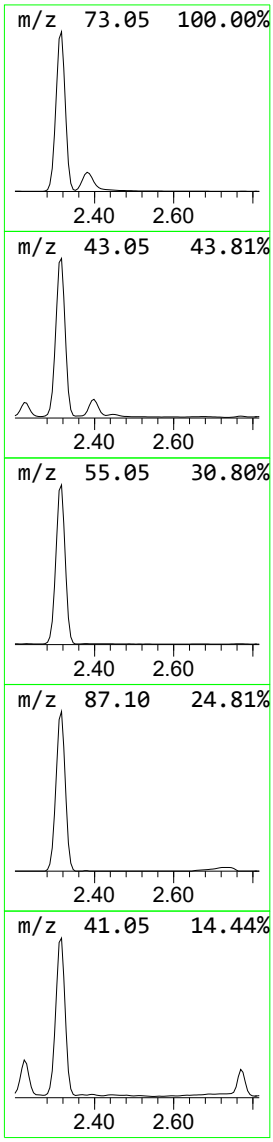
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.316	27.10 ng	1083850	1,4-Dichlorobenzene-d4	6.963

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	40
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072325\
Data File : BF143216.D
Acq On : 23 Jul 2025 17:28
Operator : RC/JU
Sample : Q2645-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RW5B-CARBON-20250716

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

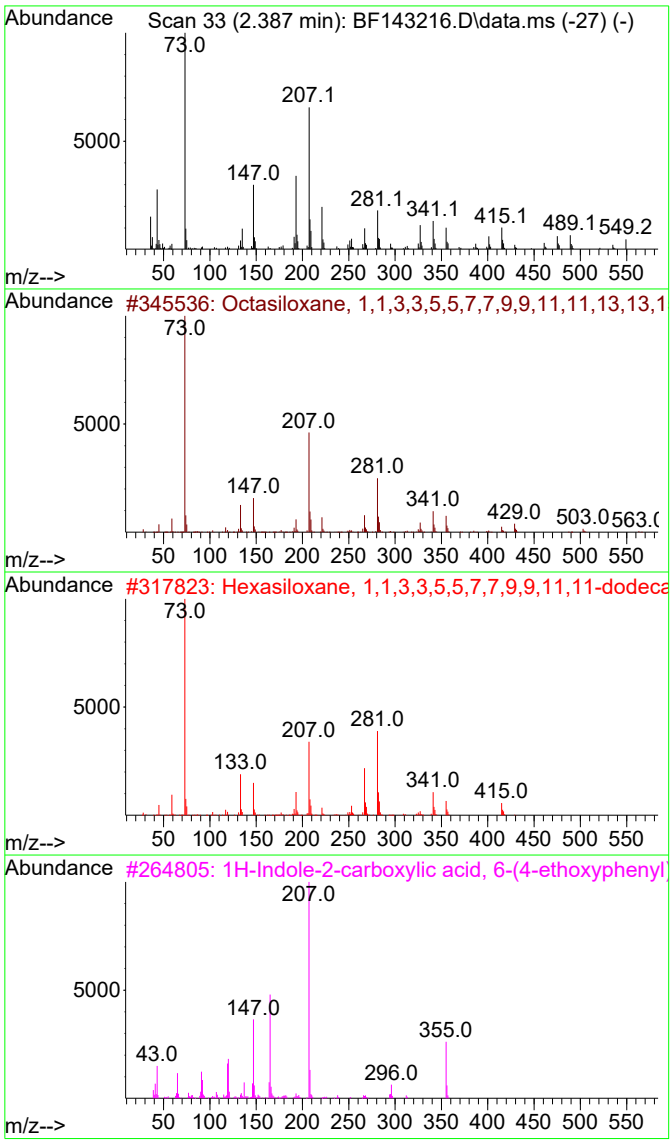
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

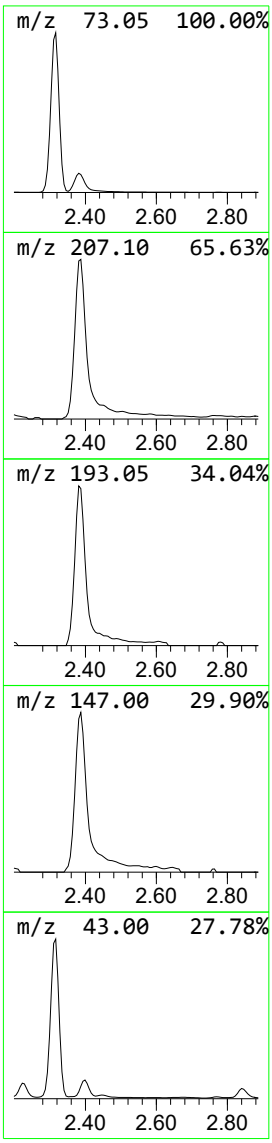
****

Peak Number 2 unknown2.387 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.387	8.84 ng	353776	1,4-Dichlorobenzene-d4	6.963

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octasiloxane, 1,1,3,3,5,5,7,7,9,...	578	C16H50O7Si8	019095-24-0	43
2	Hexasiloxane, 1,1,3,3,5,5,7,7,9,...	430	C12H38O5Si6	000995-82-4	38
3	1H-Indole-2-carboxylic acid, 6-(...	355	C21H25NO4	1010316-17-5	37
4	4-Nitro-7-(piperazin-1-yl)-2,1,3...	249	C10H11N5O3	139332-66-4	35
5	4-(4-Hydroxyphenyl)-4-methyl-2-p...	264	C15H24O2Si	1000283-54-9	35





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072325\
Data File : BF143216.D
Acq On : 23 Jul 2025 17:28
Operator : RC/JU
Sample : Q2645-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RW5B-CARBON-20250716

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

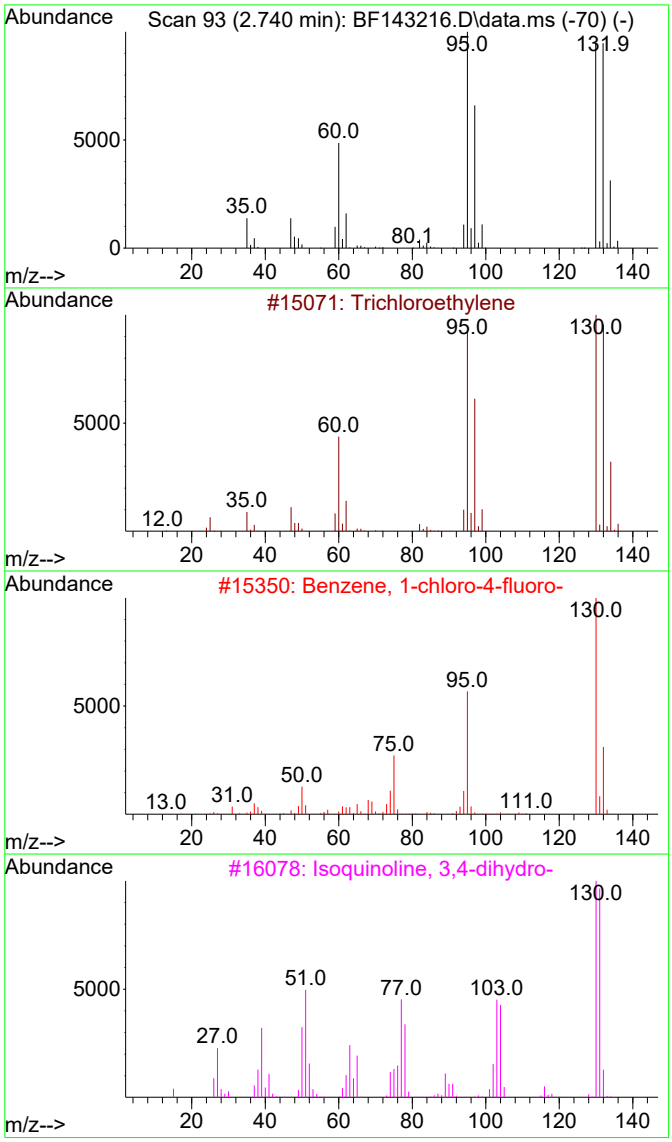
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

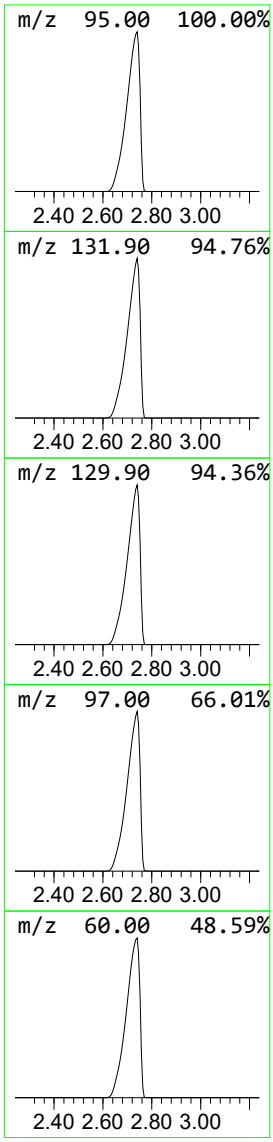
****

Peak Number 3 Trichloroethylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.740	607.07 ng	24281600	1,4-Dichlorobenzene-d4	6.963

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	12
5	Benzene, 1-chloro-3-fluoro-	130	C6H4ClF	000625-98-9	10





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072325\
Data File : BF143216.D
Acq On : 23 Jul 2025 17:28
Operator : RC/JU
Sample : Q2645-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RW5B-CARBON-20250716

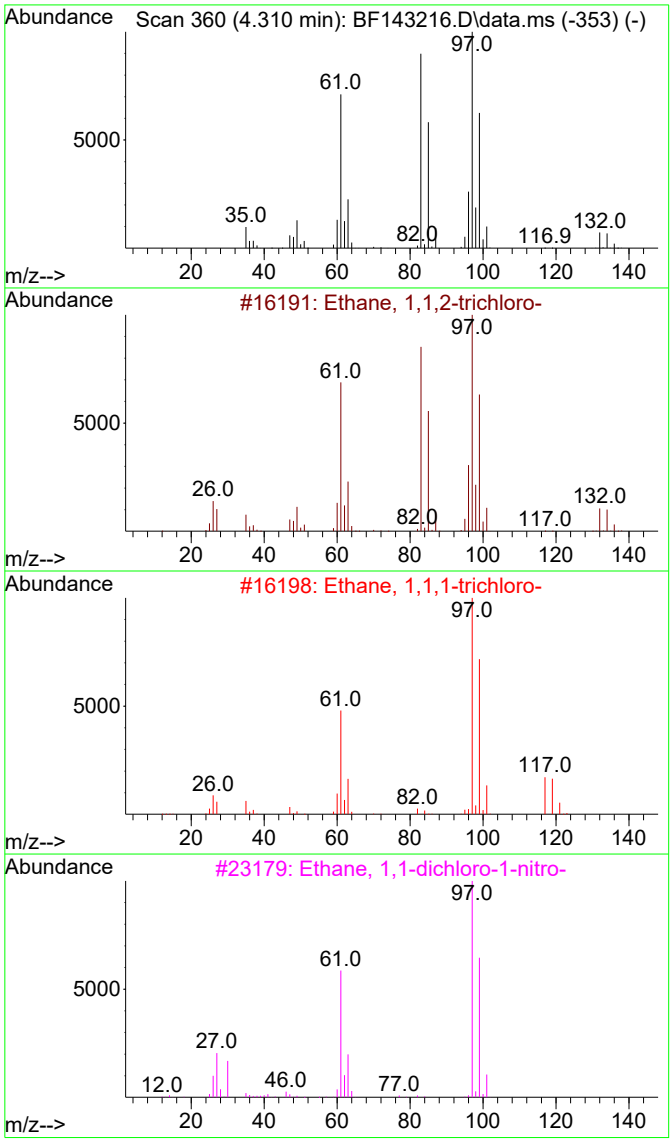
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

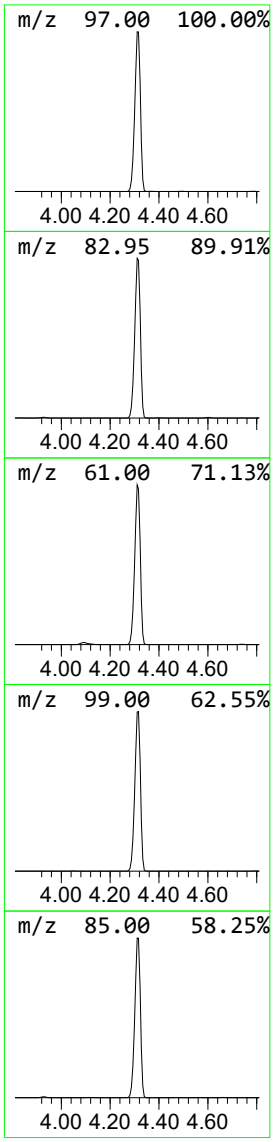
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Ethane, 1,1,2-trichloro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.310	93.74 ng	3749320	1,4-Dichlorobenzene-d4	6.963

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethane, 1,1,2-trichloro-	132	C2H3Cl3	000079-00-5	98
2	Ethane, 1,1,1-trichloro-	132	C2H3Cl3	000071-55-6	46
3	Ethane, 1,1-dichloro-1-nitro-	143	C2H3Cl2NO2	000594-72-9	43
4	2,3-Dichloropropionyl chloride	160	C3H3Cl3O	007623-13-4	32
5	Propanoyl chloride, 2,2-dichloro-	160	C3H3Cl3O	026073-26-7	32





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072325\
Data File : BF143216.D
Acq On : 23 Jul 2025 17:28
Operator : RC/JU
Sample : Q2645-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RW5B-CARBON-20250716

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

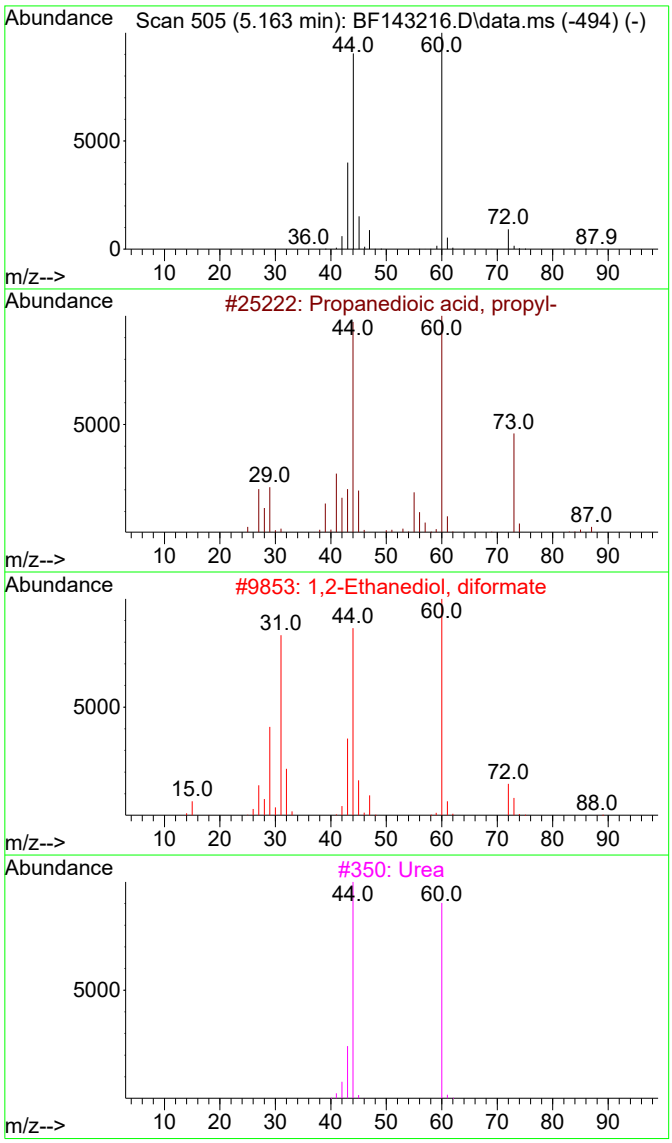
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

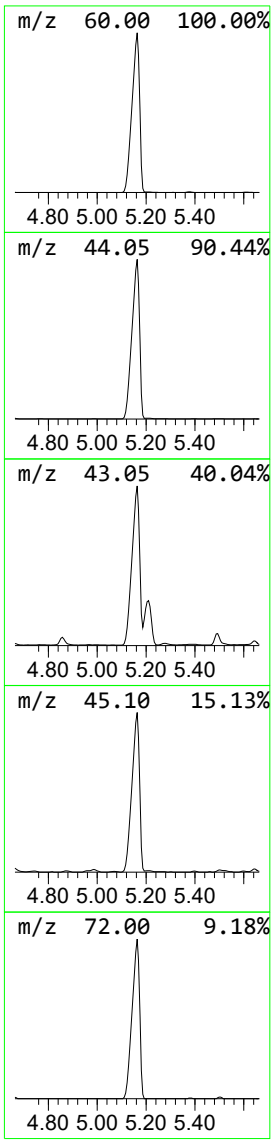
****

Peak Number 5 Propanedioic acid, propyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.163	68.00 ng	2719880	1,4-Dichlorobenzene-d4	6.963

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanedioic acid, propyl-	146	C6H10O4	000616-62-6	72
2	1,2-Ethanediol, diformate	118	C4H6O4	000629-15-2	64
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





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072325\
Data File : BF143216.D
Acq On : 23 Jul 2025 17:28
Operator : RC/JU
Sample : Q2645-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RW5B-CARBON-20250716

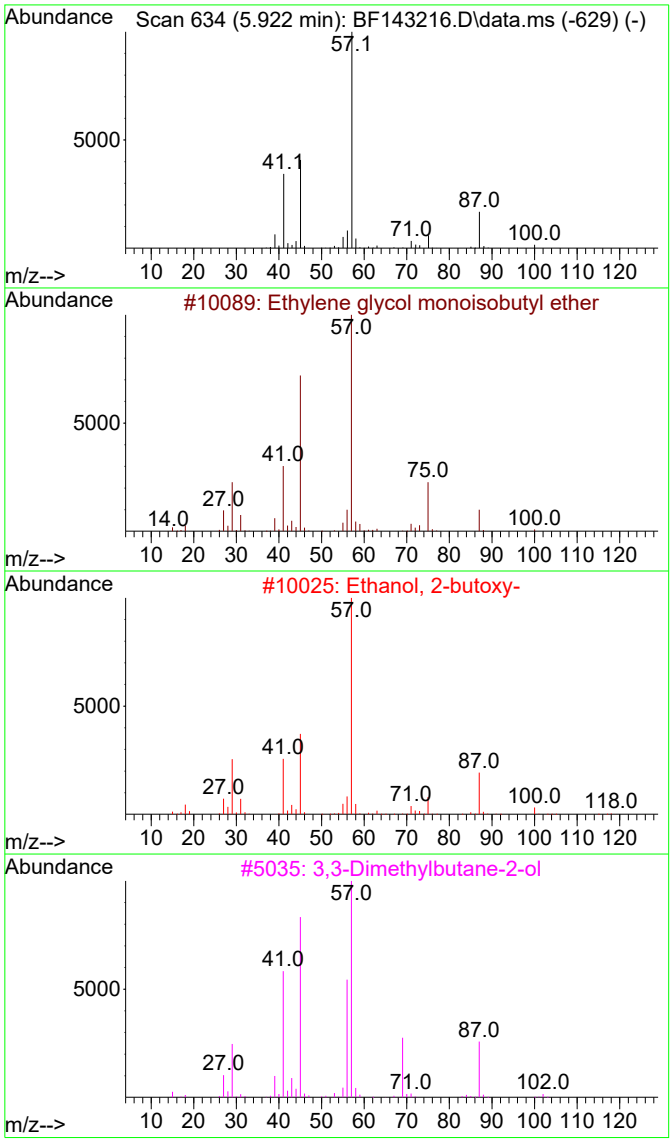
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

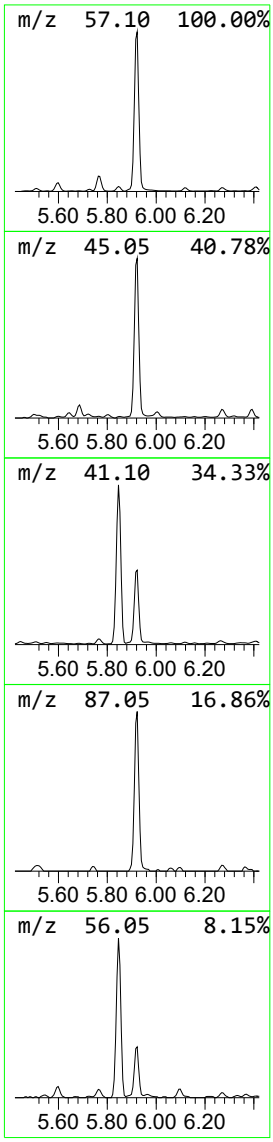
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Ethylene glycol monoisobuty... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.922	8.55 ng	342014	1,4-Dichlorobenzene-d4	6.963

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	64
2	Ethanol, 2-butoxy-	118	C6H14O2	000111-76-2	59
3	3,3-Dimethylbutane-2-ol	102	C6H14O	000464-07-3	45
4	n-Butyl ether	130	C8H18O	000142-96-1	25
5	1-Butene, 4-butoxy-	128	C8H16O	034061-76-2	16





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072325\
Data File : BF143216.D
Acq On : 23 Jul 2025 17:28
Operator : RC/JU
Sample : Q2645-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RW5B-CARBON-20250716

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

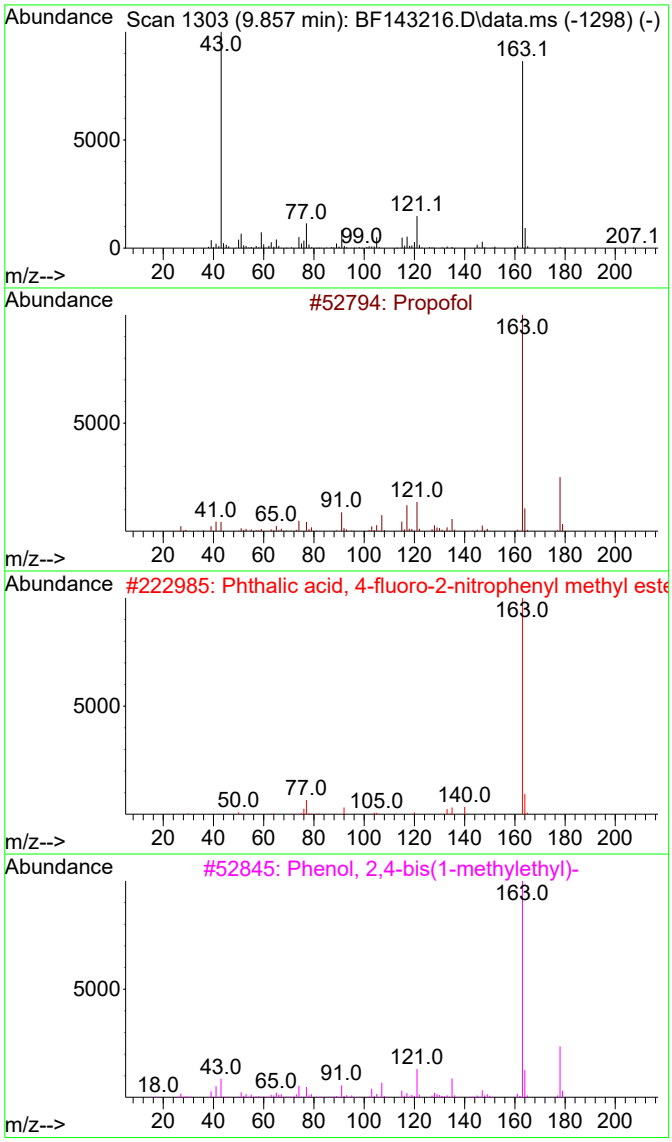
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

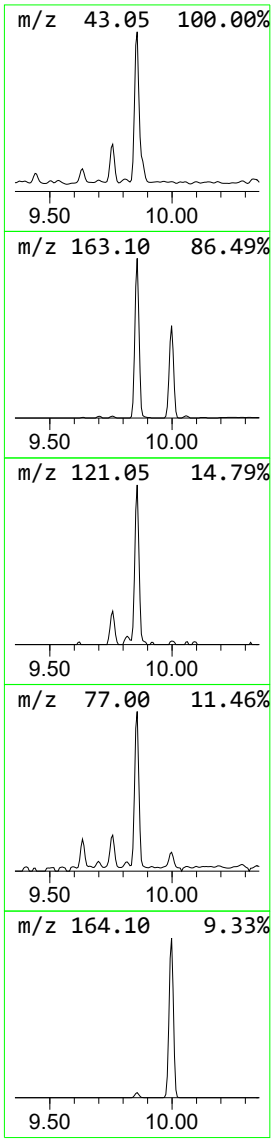
****

Peak Number 8 Propofol Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.857	6.69 ng	368743	Acenaphthene-d10	9.998

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propofol	178	C12H18O	002078-54-8	53
2	Phthalic acid, 4-fluoro-2-nitrop...	319	C15H10FNO6	1000315-63-4	53
3	Phenol, 2,4-bis(1-methylethyl)-	178	C12H18O	002934-05-6	53
4	Butan-2-one, 4-(2-hydroxyphenyl)...	286	C17H18O2S	296891-93-5	50
5	Silane, dodecyltriethoxy-	332	C18H40O3Si	018536-91-9	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072325\
Data File : BF143216.D
Acq On : 23 Jul 2025 17:28
Operator : RC/JU
Sample : Q2645-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RW5B-CARBON-20250716

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

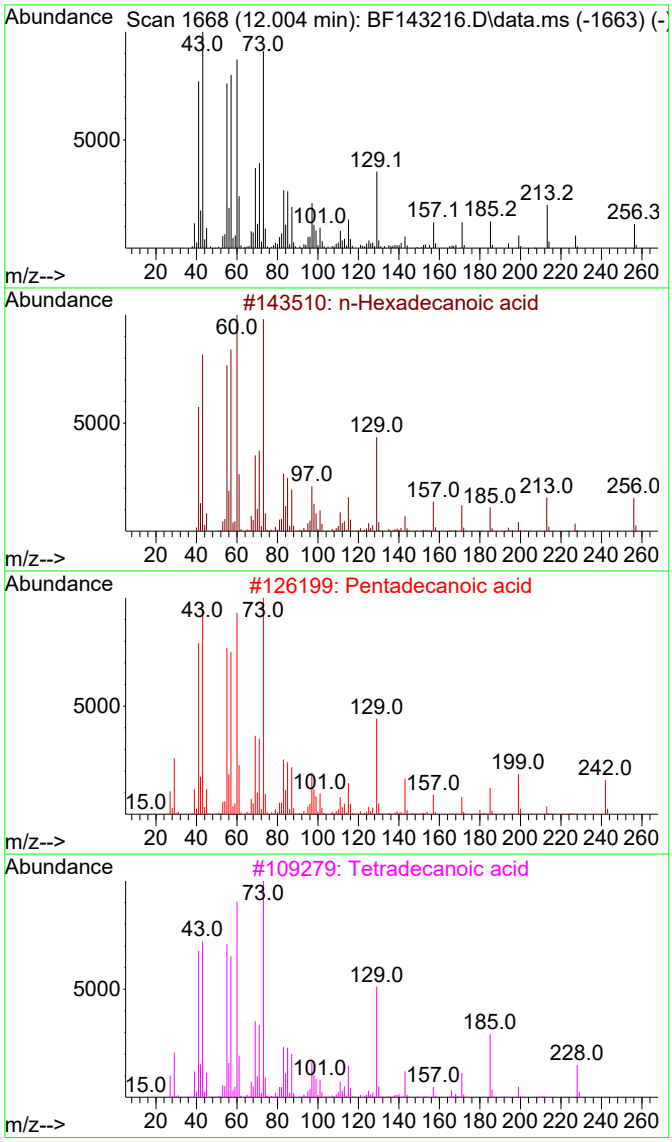
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

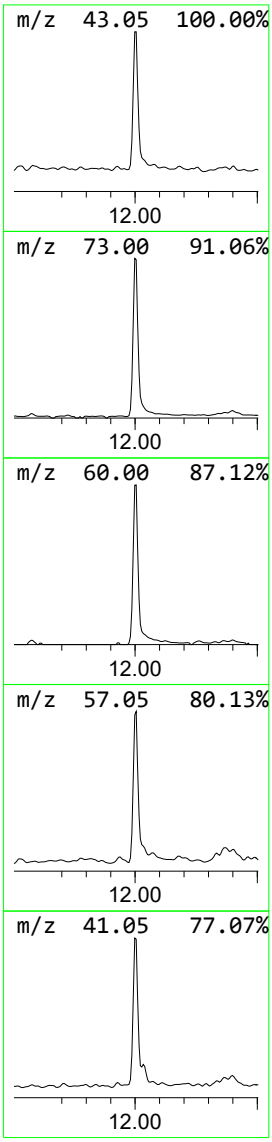
****

Peak Number 9 n-Hexadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.004	5.56 ng	303191	Phenanthrene-d10	11.480

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
4	Tridecanoic acid	214	C13H26O2	000638-53-9	76
5	Undecanoic acid	186	C11H22O2	000112-37-8	72





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072325\
Data File : BF143216.D
Acq On : 23 Jul 2025 17:28
Operator : RC/JU
Sample : Q2645-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RW5B-CARBON-20250716

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.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...	2.316	27.1	ng	1083850	1	6.963	799959	20.0
unknown2.387	2.387	8.8	ng	353776	1	6.963	799959	20.0
Trichloroethylene	2.740	607.1	ng	24281600	1	6.963	799959	20.0
Ethane, 1,1,2-t...	4.310	93.7	ng	3749320	1	6.963	799959	20.0
Propanedioic ac...	5.163	68.0	ng	2719880	1	6.963	799959	20.0
Ethylene glycol...	5.922	8.6	ng	342014	1	6.963	799959	20.0
Propofol	9.857	6.7	ng	368743	3	9.998	1102080	20.0
n-Hexadecanoic ...	12.004	5.6	ng	303191	4	11.480	1089740	20.0