LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122023\
Data File : BG060115.D
Acq On : 21 Dec 2023 1:56
Operator : MA/JU
Sample : 05832-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CHRT-20103

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_G\Methods\8270-BG121323.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG060115.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.135	3	8	21	rVB	82568	175284	3.44%	1.075%
2	5.526	409	415	425	rBV	578315	931049	18.30%	5.708%
3	7.118	678	686	701	rBV	615871	1077748	21.18%	6.608%
4	7.858	805	812	821	rBV2	104079	187329	3.68%	1.148%
5	7.952	821	828	835	rVV	189756	322187	6.33%	1.975%
6	8.146	855	861	864	rBV3	45711	75550	1.48%	0.463%
7	8.193	864	869	874	rVV2	43717	67642	1.33%	0.415%
8	9.116	1018	1026	1036	rBV	401343	723352	14.22%	4.435%
9	10.755	1298	1305	1313	rVB2	230297	420673	8.27%	2.579%
10	13.211	1714	1723	1730	rBV	1446571	2150915	42.27%	13.187%
11	14.016	1856	1860	1864	rBV4	31452	54006	1.06%	0.331%
12	14.233	1894	1897	1903	rBV8	36504	56483	1.11%	0.346%
13	14.333	1909	1914	1919	rBV9	46265	112804	2.22%	0.692%
14	14.421	1925	1929	1935	rVB4	79468	123999	2.44%	0.760%
15	14.486	1936	1940	1944	rBV7	26620	54246	1.07%	0.333%
16	14.592	1948	1958	1968	rVV2	435035	820442	16.12%	5.030%
17	15.796	2160	2163	2164	rBV3	57698	68942	1.35%	0.423%
18	16.078	2205	2211	2217	rBV	1369290	2110500	41.48%	12.939%
19	17.341	2421	2426	2431	rBV	650099	999202	19.64%	6.126%
20	19.962	2868	2872	2878	rVB	3849140	5088467	100.00%	31.197%
21	20.455	2953	2956	2961	rBV3	429132	690157	13.56%	4.231%

Sum of corrected areas: 16310977

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122023\
Data File : BG060115.D
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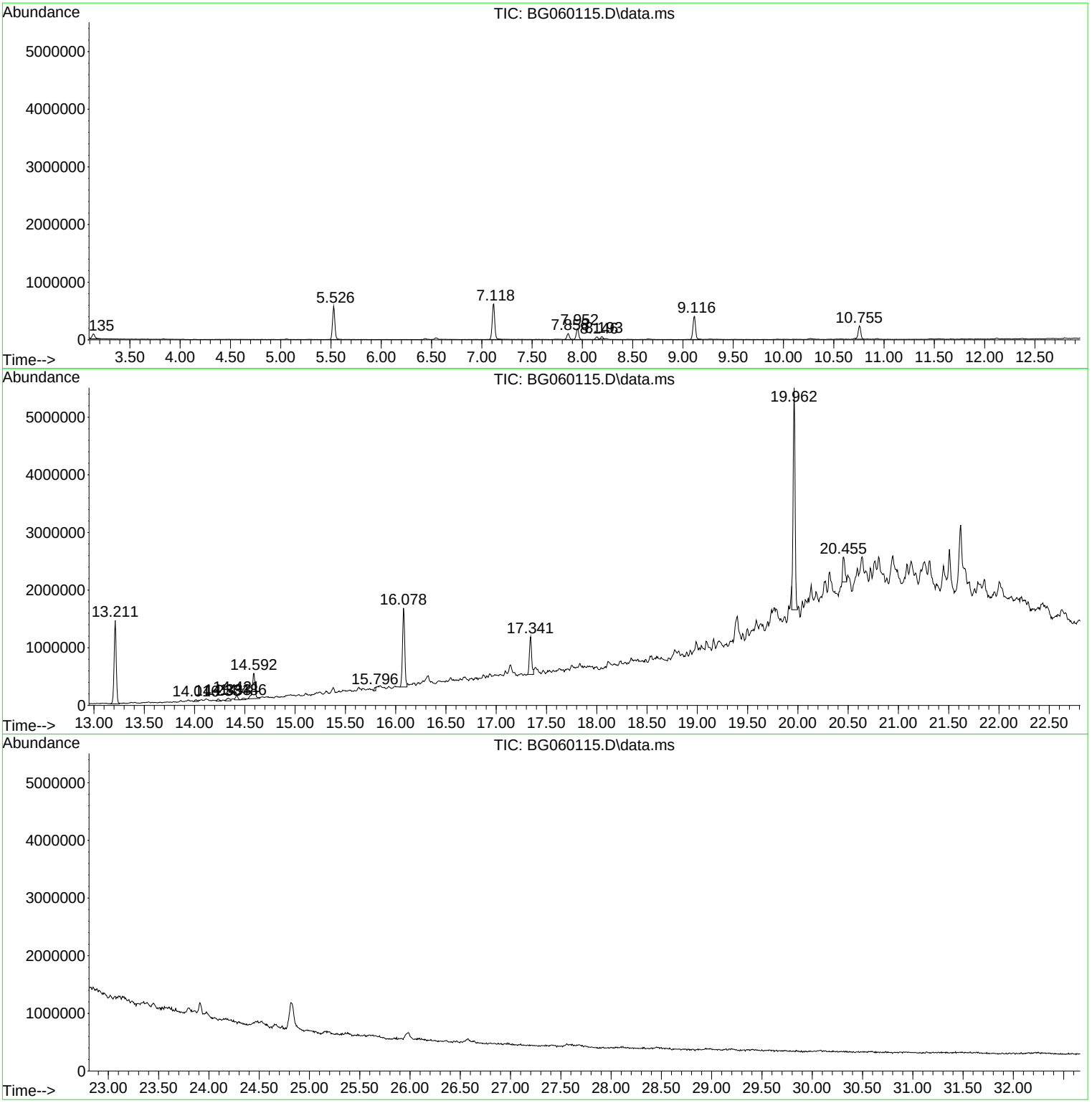
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CHRT-20103

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121323.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_G\Data\BG122023\
Data File : BG060115.D
Acq On : 21 Dec 2023 1:56
Operator : MA/JU
Sample : 05832-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

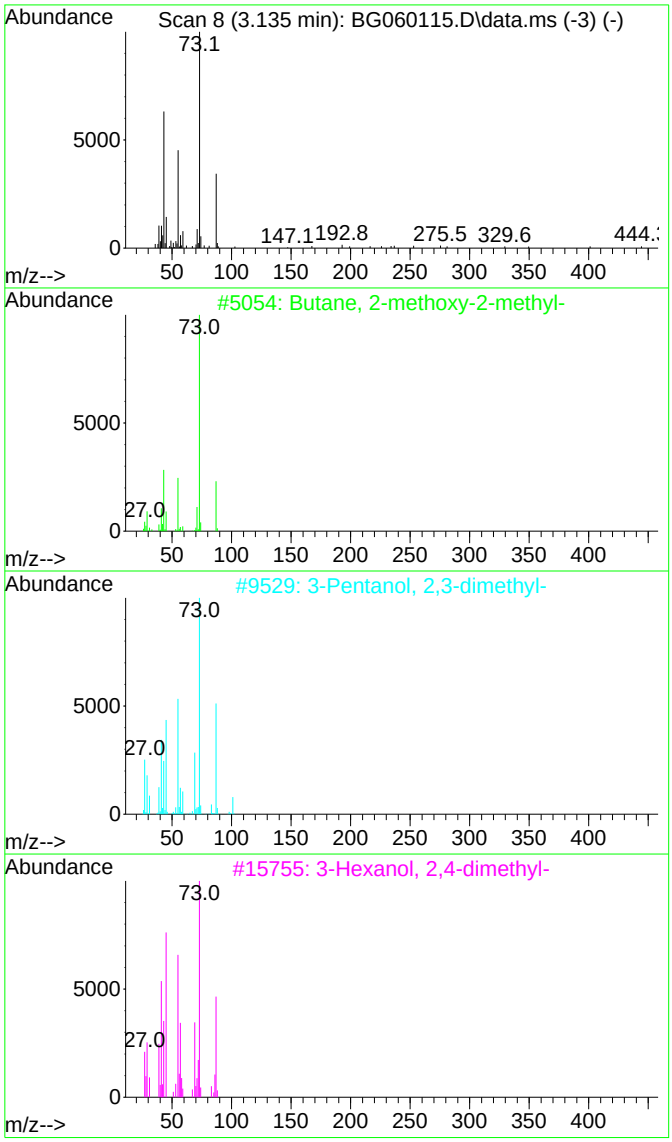
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

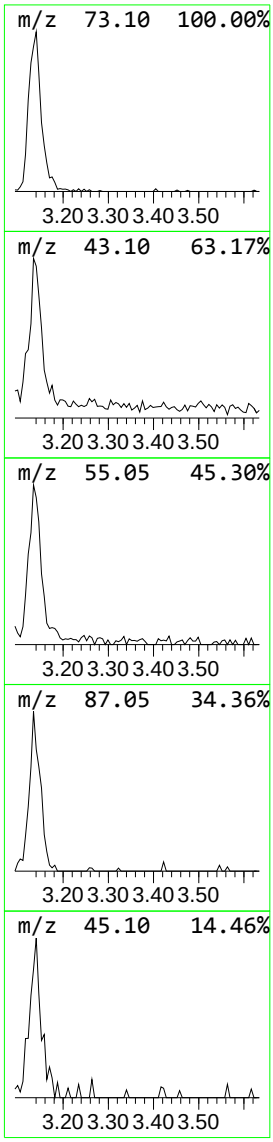
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.135	10.88 ng	175284	1,4-Dichlorobenzene-d4	7.947

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	50
2	3-Pentanol, 2,3-dimethyl-	116	C7H16O	000595-41-5	45
3	3-Hexanol, 2,4-dimethyl-	130	C8H18O	013432-25-2	36
4	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	17
5	2-Hydroxy-2-methylbutyric acid	118	C5H10O3	003739-30-8	12





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Data File : BG060115.D
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Operator : MA/JU
Sample : 05832-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CHRT-20103

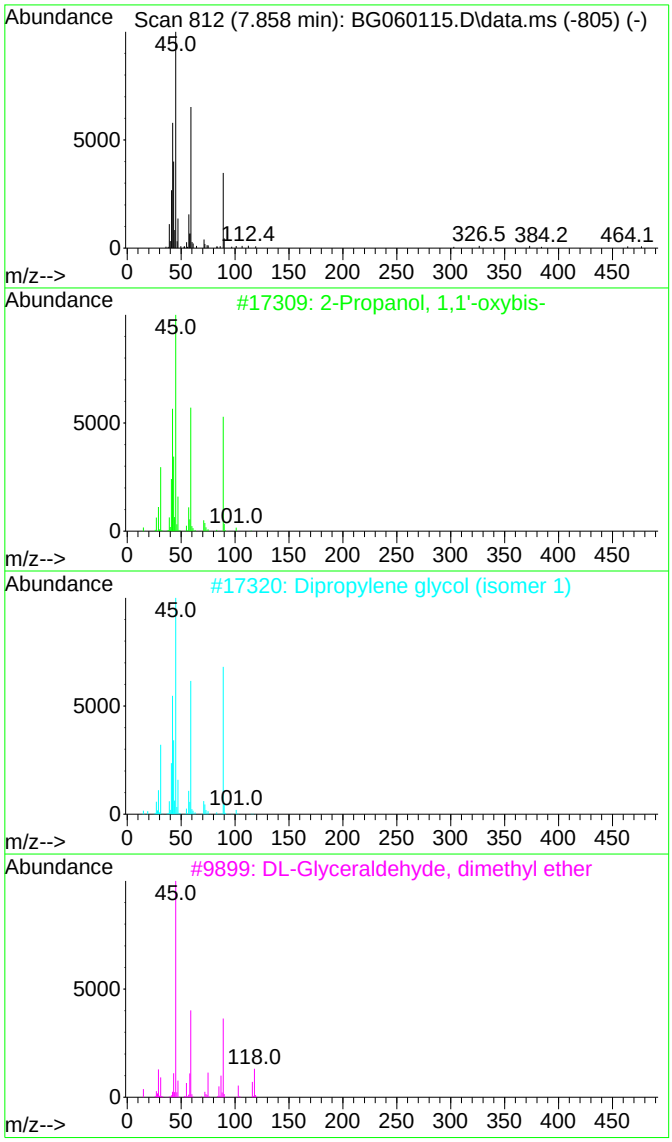
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

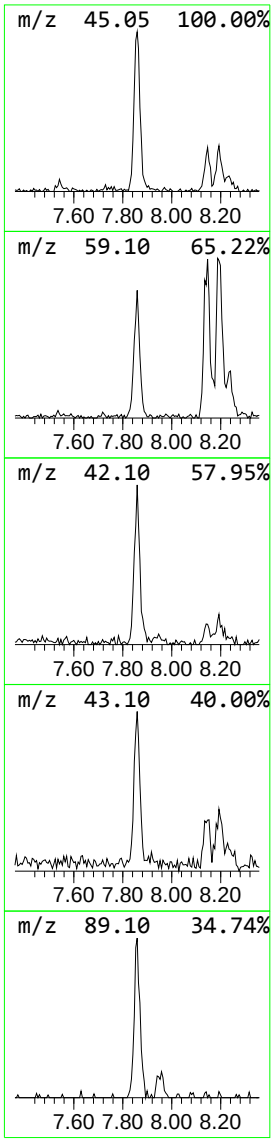
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2-Propanol, 1,1'-oxybis- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.858	11.63 ng	187329	1,4-Dichlorobenzene-d4	7.947

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1,1'-oxybis-	134	C6H14O3	000110-98-5	86
2	Dipropylene glycol (isomer 1)	134	C6H14O3	1000506-25-3	72
3	DL-Glyceraldehyde, dimethyl ether	118	C5H10O3	1010332-93-3	59
4	Tetraethyleneglycol monomethylether	208	C9H20O5	023783-42-8	42
5	Ethanol, 2-[2-(2-methoxyethoxy)e...	164	C7H16O4	000112-35-6	40





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Data File : BG060115.D
Acq On : 21 Dec 2023 1:56
Operator : MA/JU
Sample : 05832-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CHRT-20103

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121323.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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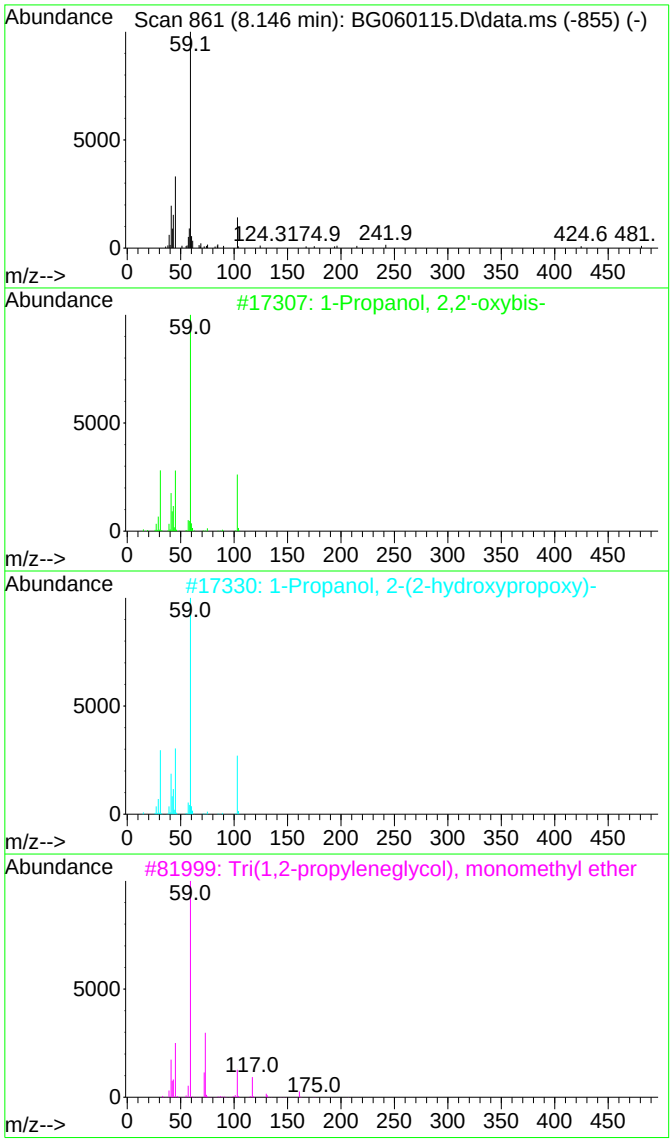
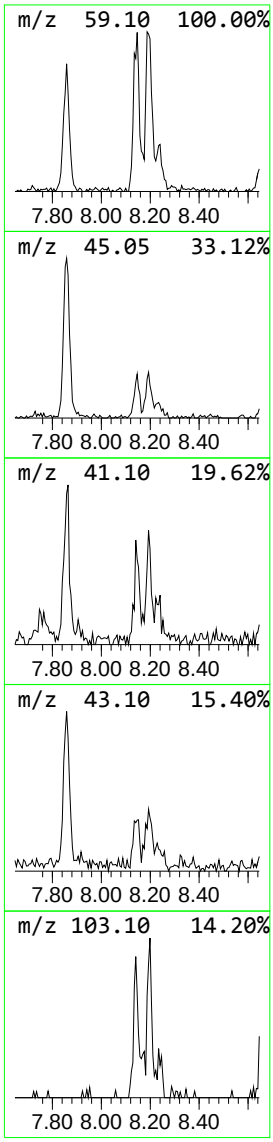
Peak Number 3 1-Propanol, 2,2'-oxybis- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.146	4.69 ng	75550	1,4-Dichlorobenzene-d4	7.947

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propanol, 2,2'-oxybis-	134	C6H14O3	000108-61-2	78
2	1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	64
3	Tri(1,2-propyleneglycol), monome...	206	C10H22O4	1000262-26-6	64
4	2-Propanol, 1-[2-(2-methoxy-1-me...	206	C10H22O4	020324-33-8	64
5	Ethanol, 2-ethoxy-	90	C4H10O2	000110-80-5	59





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Data File : BG060115.D
Acq On : 21 Dec 2023 1:56
Operator : MA/JU
Sample : 05832-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CHRT-20103

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

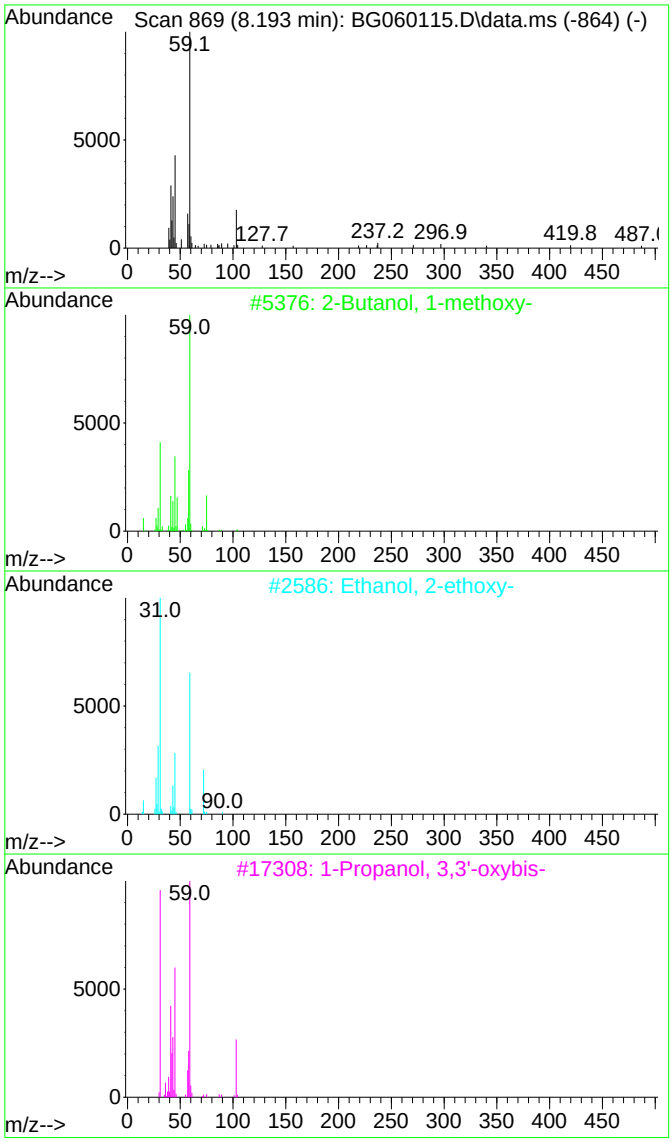
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

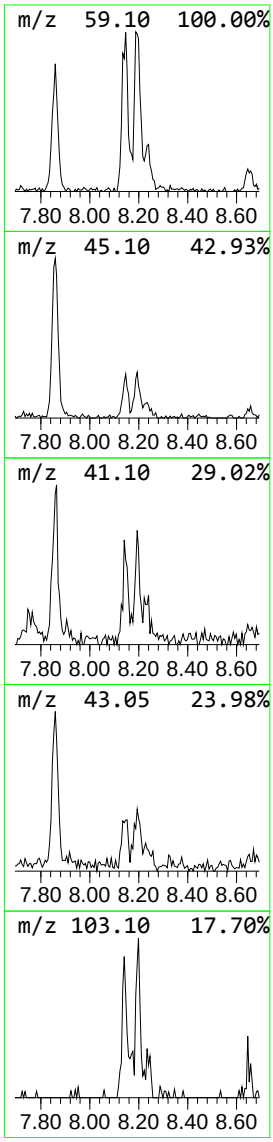
****

Peak Number 4 2-Butanol, 1-methoxy- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.193	4.20 ng	67642	1,4-Dichlorobenzene-d4	7.947

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butanol, 1-methoxy-	104	C5H12O2	053778-73-7	64
2	Ethanol, 2-ethoxy-	90	C4H10O2	000110-80-5	64
3	1-Propanol, 3,3'-oxybis-	134	C6H14O3	002396-61-4	64
4	2-Propanol, 1-(2-butoxy-1-methyl...	190	C10H22O3	029911-28-2	45
5	1-Propanol, 2,2'-oxybis-	134	C6H14O3	000108-61-2	45





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Operator : MA/JU
Sample : 05832-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CHRT-20103

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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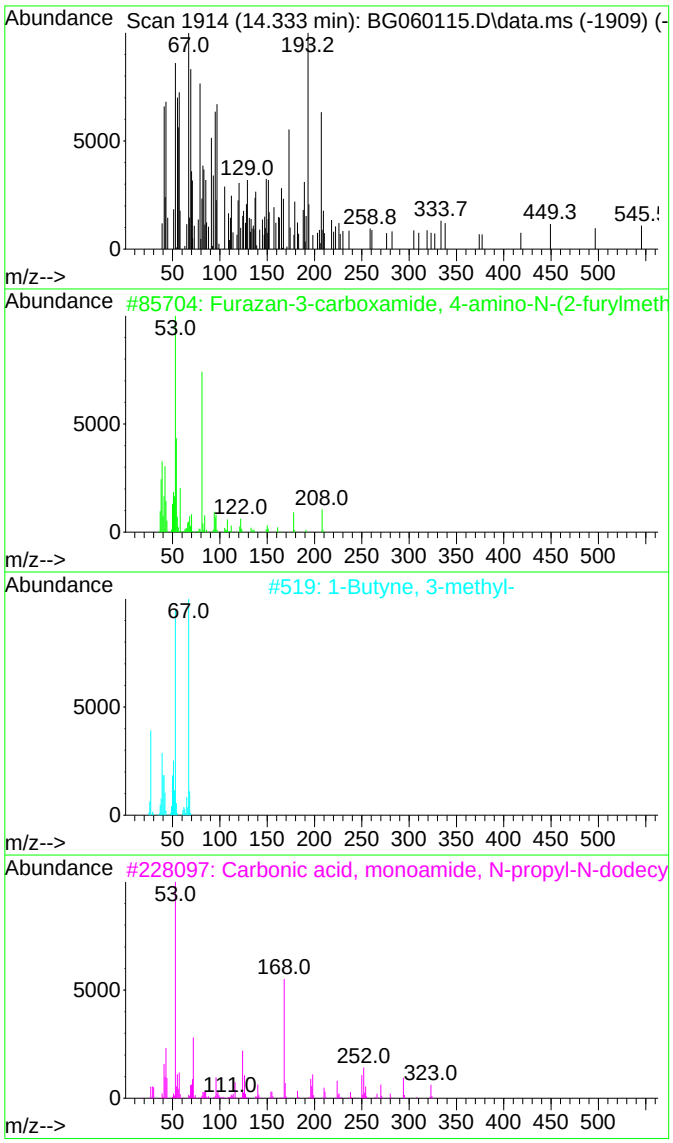
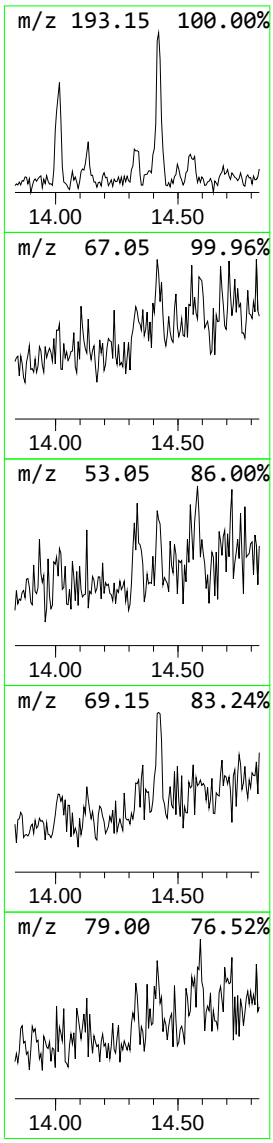
****

Peak Number 5 unknown14.333 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.333	2.75 ng	112804	Acenaphthene-d10	14.586

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Furazan-3-carboxamide, 4-amino-N...	208	C8H8N4O3	296771-05-6	43
2	1-Butyne, 3-methyl-	68	C5H8	000598-23-2	38
3	Carbonic acid, monoamide, N-prop...	323	C20H37NO2	1000438-51-5	38
4	1-Butene, 2-methyl-4-[(3-methyl-...	154	C10H18O	059637-41-1	38
5	Benz[e]azulene-3,8-dione, 5-[(ac...	348	C19H24O6	025536-74-7	38





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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CHRT-20103

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

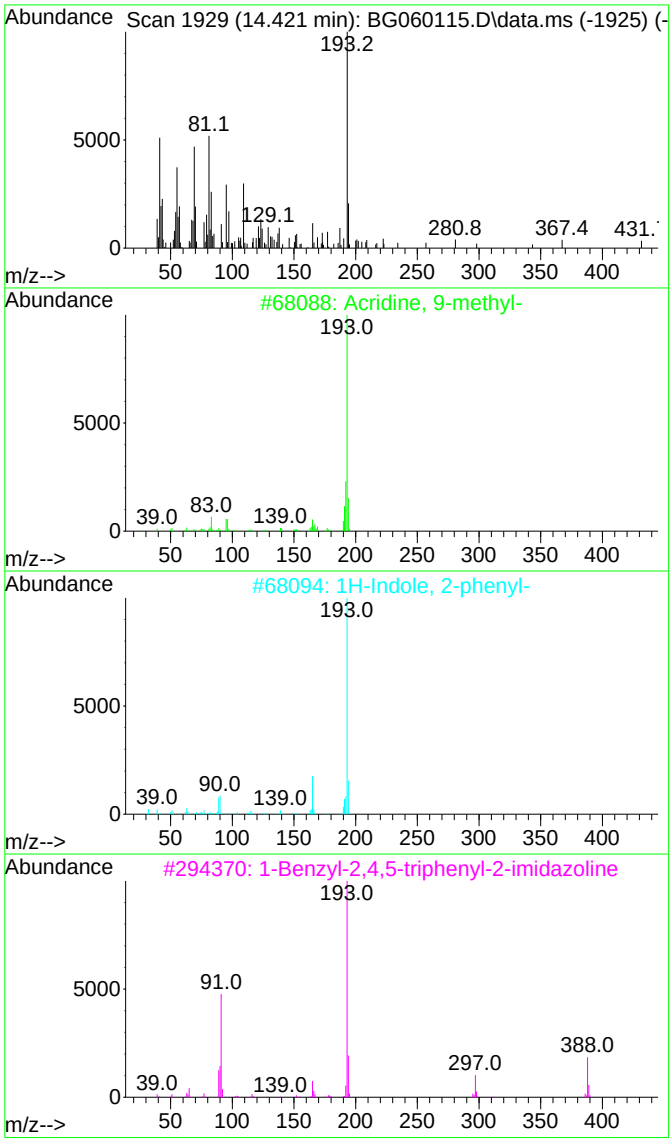
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

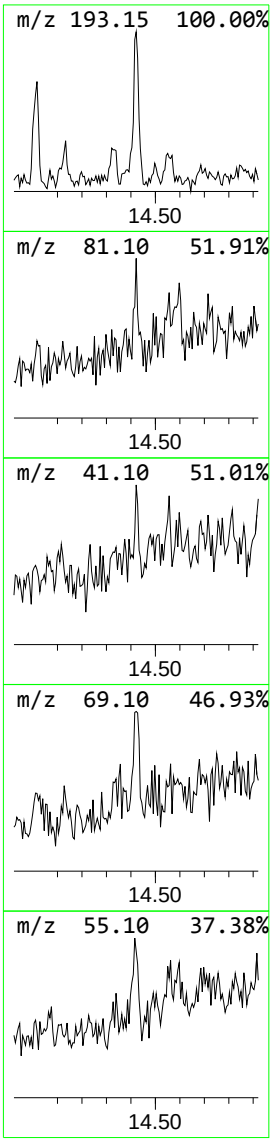
****

Peak Number 6 unknown14.421 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.421	3.02 ng	123999	Acenaphthene-d10	14.586

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acridine, 9-methyl-	193	C14H11N	000611-64-3	47
2	1H-Indole, 2-phenyl-	193	C14H11N	000948-65-2	46
3	1-Benzyl-2,4,5-triphenyl-2-imida...	388	C28H24N2	033722-47-3	43
4	Benzo[f]quinoline, 2-methyl-	193	C14H11N	039258-30-5	43
5	6-Methylphenanthridine	193	C14H11N	003955-65-5	43





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Misc :
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Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

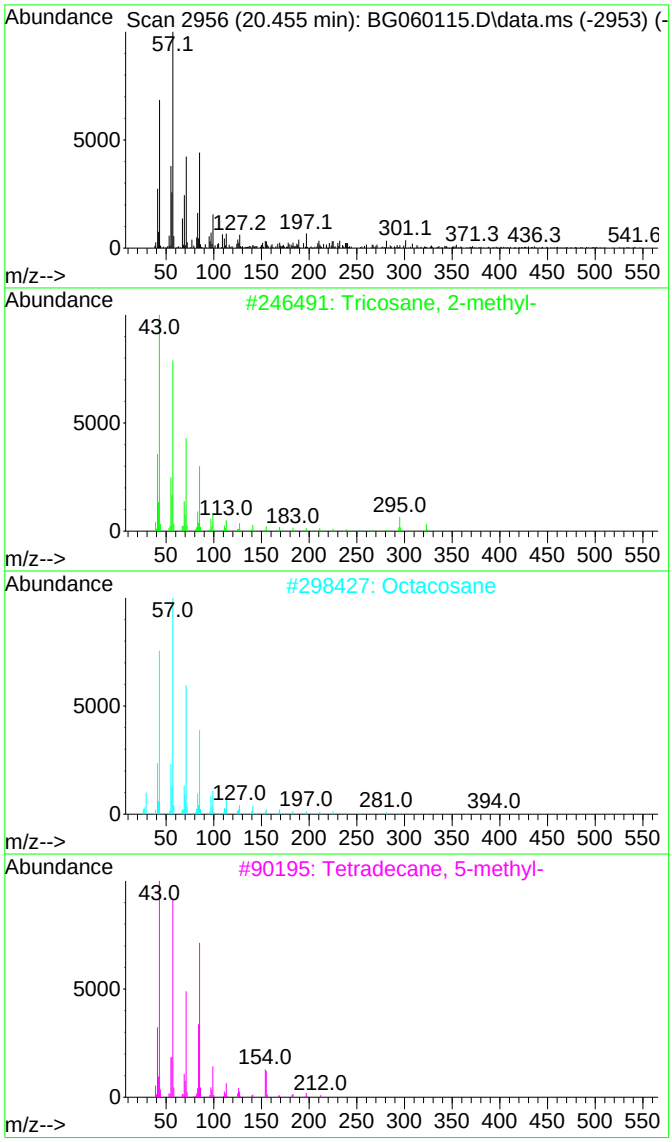
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

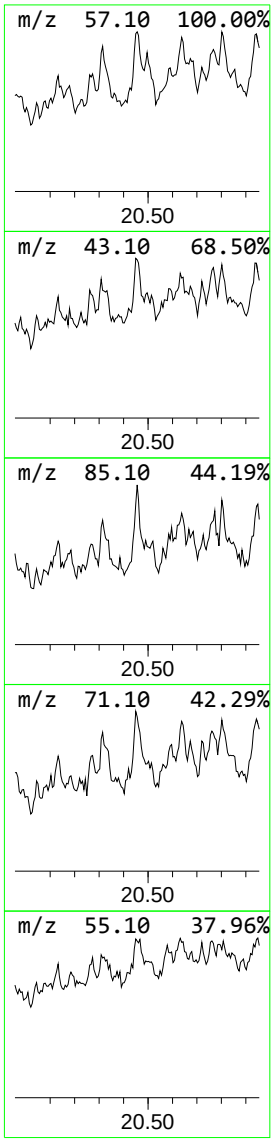
****

Peak Number 7 Tricosane, 2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.455	20.00 ng	690157	Chrysene-d12	21.619

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricosane, 2-methyl-	338	C24H50	001928-30-9	81
2	Octacosane	394	C28H58	000630-02-4	78
3	Tetradecane, 5-methyl-	212	C15H32	025117-32-2	72
4	Hexatriacontane	507	C36H74	000630-06-8	60
5	Heptadecane, 2-methyl-	254	C18H38	001560-89-0	60





Tentatively Identified Compound (LSC) summary

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121323.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...	3.135	10.9	ng	175284	1	7.947	322187	20.0
2-Propanol, 1,1...	7.858	11.6	ng	187329	1	7.947	322187	20.0
1-Propanol, 2,2...	8.146	4.7	ng	75550	1	7.947	322187	20.0
2-Butanol, 1-me...	8.193	4.2	ng	67642	1	7.947	322187	20.0
unknown14.333	14.333	2.8	ng	112804	3	14.586	820442	20.0
unknown14.421	14.421	3.0	ng	123999	3	14.586	820442	20.0
Tricosane, 2-me...	20.455	20.0	ng	690157	5	21.619	690157	20.0