LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080720\
Data File : BG046194.D
Acq On : 7 Aug 2020 15:34
Operator : CG/JU
Sample : L3594-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-1

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-BG073020.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.153	7	11	28	rVB	646421	982830	13.45%	2.875%
2	5.532	410	416	429	rBV	1550824	2524045	34.55%	7.382%
3	7.119	678	686	698	rBV	1540592	2615248	35.79%	7.649%
4	7.542	753	758	774	rBV	69876	128360	1.76%	0.375%
5	7.953	820	828	835	rVB	320240	543451	7.44%	1.589%
6	9.104	1015	1024	1037	rBV	981266	1782477	24.40%	5.213%
7	10.744	1296	1303	1311	rBV	429317	766192	10.49%	2.241%
8	13.200	1714	1721	1729	rBV	2746058	4257490	58.27%	12.452%
9	13.482	1764	1769	1776	rVB	105470	165630	2.27%	0.484%
10	14.028	1855	1862	1868	rBV	396291	566312	7.75%	1.656%
11	14.574	1949	1955	1962	rBV	717270	1114917	15.26%	3.261%
12	16.061	2201	2208	2229	rBV	2196444	3867105	52.93%	11.310%
13	17.318	2415	2422	2433	rBV	964441	1479306	20.25%	4.327%
14	18.993	2702	2707	2711	rBV	249098	321905	4.41%	0.942%
15	19.392	2769	2775	2781	rBV	78287	108556	1.49%	0.318%
16	19.933	2861	2867	2873	rBV	5271711	7306286	100.00%	21.369%
17	20.632	2982	2986	2991	rVB	87761	112631	1.54%	0.329%
18	20.708	2995	2999	3003	rVB	68935	86529	1.18%	0.253%
19	20.838	3017	3021	3027	rBV	550927	695695	9.52%	2.035%
20	20.885	3027	3029	3033	rVB	67494	77924	1.07%	0.228%
21	21.196	3078	3082	3084	rBV2	65725	80064	1.10%	0.234%
22	21.231	3084	3088	3096	rVV2	522235	701148	9.60%	2.051%
23	21.560	3138	3144	3153	rBV	1142326	1781840	24.39%	5.212%
24	22.383	3279	3284	3292	rVB6	59848	129182	1.77%	0.378%
25	24.669	3663	3673	3683	rBV2	681859	1840686	25.19%	5.384%
26	25.938	3884	3889	3900	rVB6	56183	154715	2.12%	0.453%

Sum of corrected areas: 34190524

LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080720\
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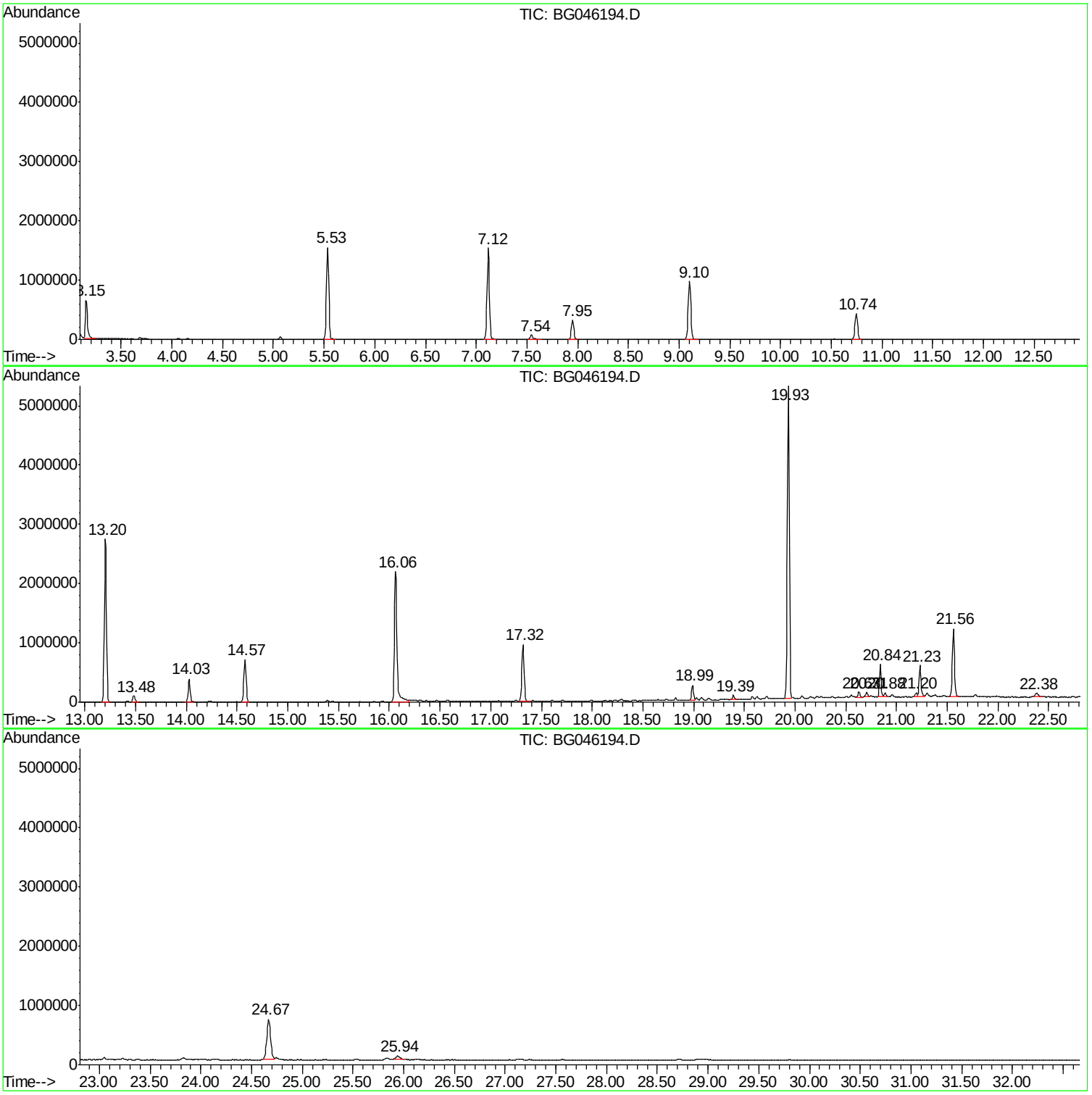
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080720\
Data File : BG046194.D
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Operator : CG/JU
Sample : L3594-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

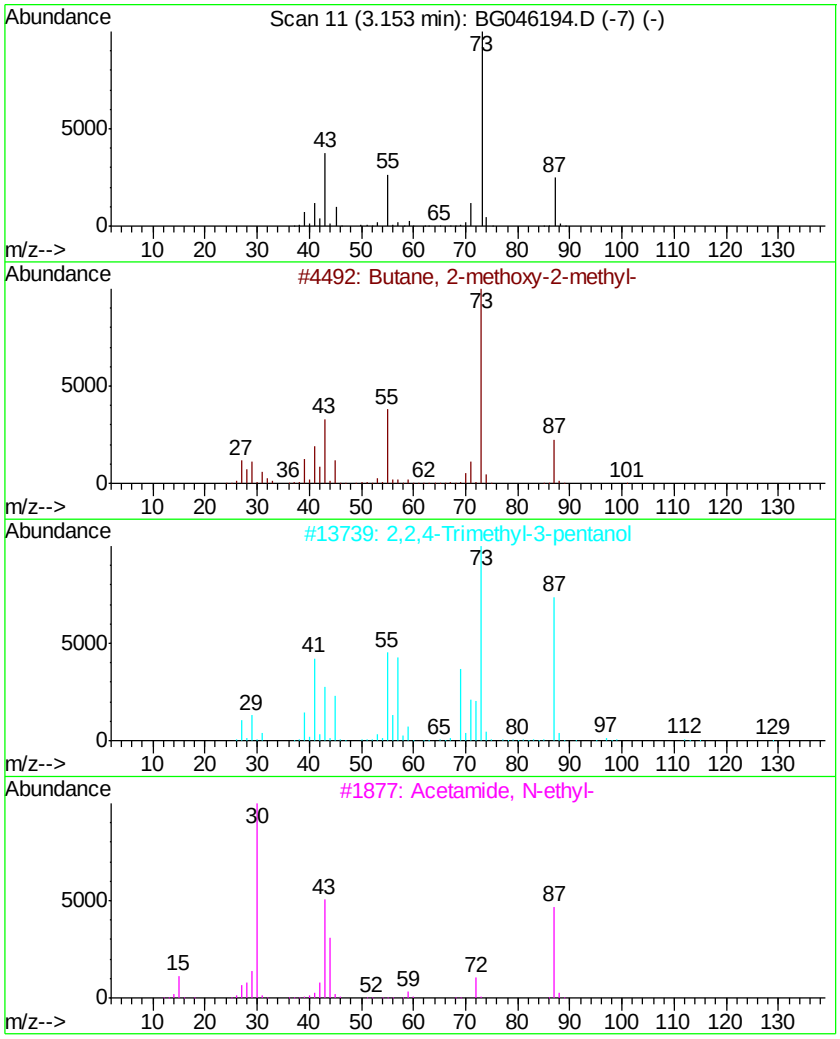
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

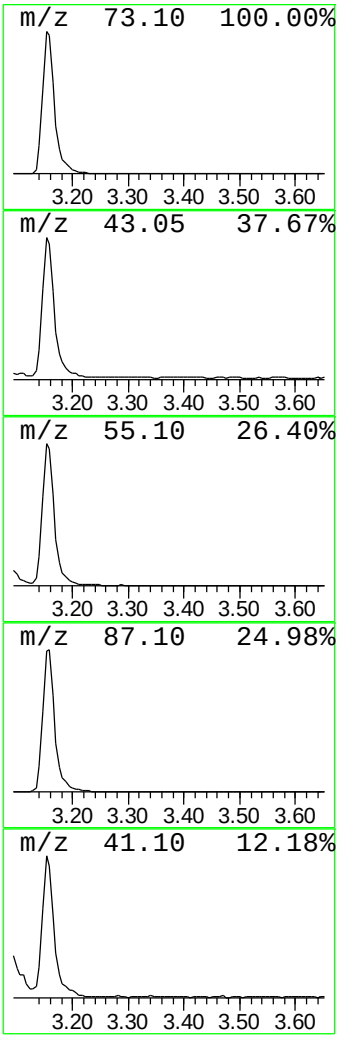
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.15	36.17 ng	982830	1,4-Dichlorobenzene-d4	7.95

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	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	27
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17





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Data File : BG046194.D
Acq On : 7 Aug 2020 15:34
Operator : CG/JU
Sample : L3594-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

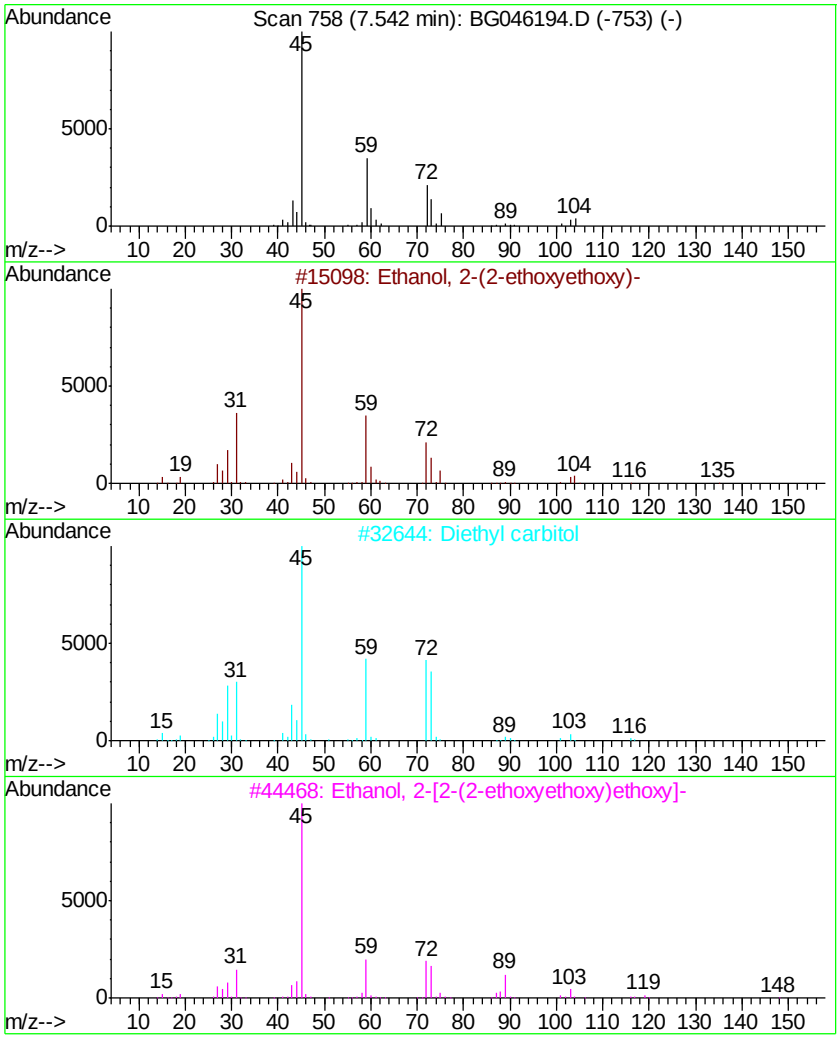
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

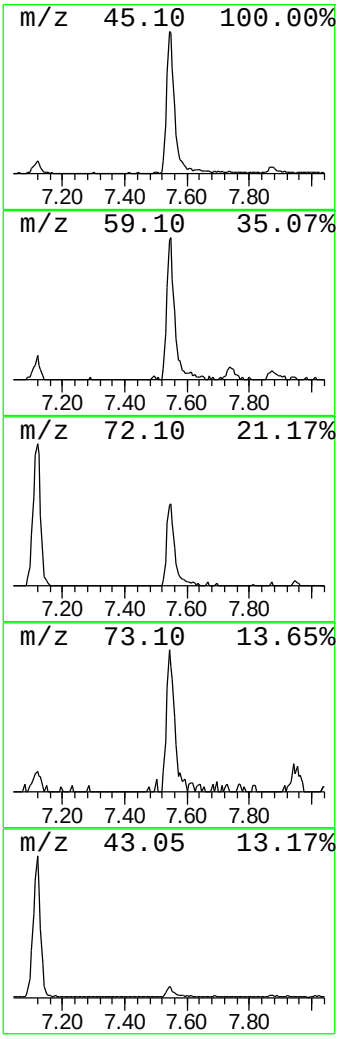
****

Peak Number 2 Ethanol, 2-(2-ethoxyethoxy)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.54	4.72 ng	128360	1,4-Dichlorobenzene-d4	7.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	83
2	Diethyl carbitol	162	C8H18O3	000112-36-7	72
3	Ethanol, 2-[2-(2-ethoxyethoxy)et...	178	C8H18O4	000112-50-5	64
4	Ethanol, 2-(2-methoxyethoxy)-	120	C5H12O3	000111-77-3	42
5	Methoxyacetic acid, 2-methylprop...	146	C7H14O3	1000282-40-9	38





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080720\
Data File : BG046194.D
Acq On : 7 Aug 2020 15:34
Operator : CG/JU
Sample : L3594-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

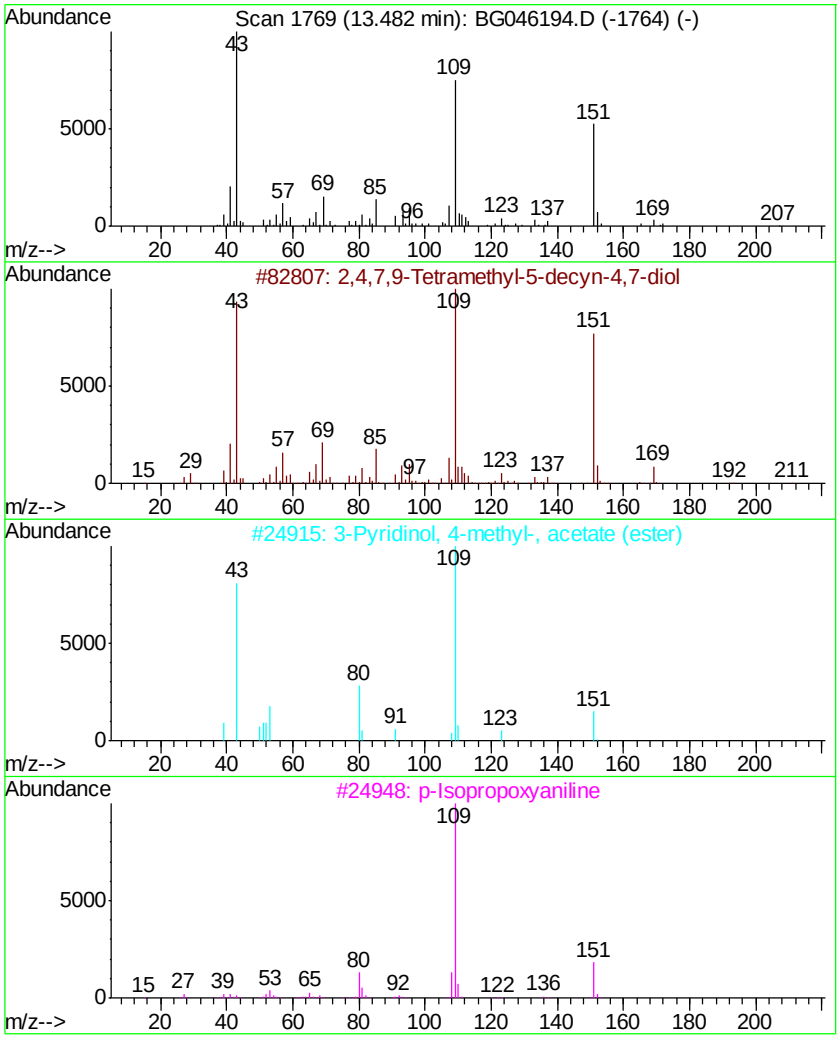
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

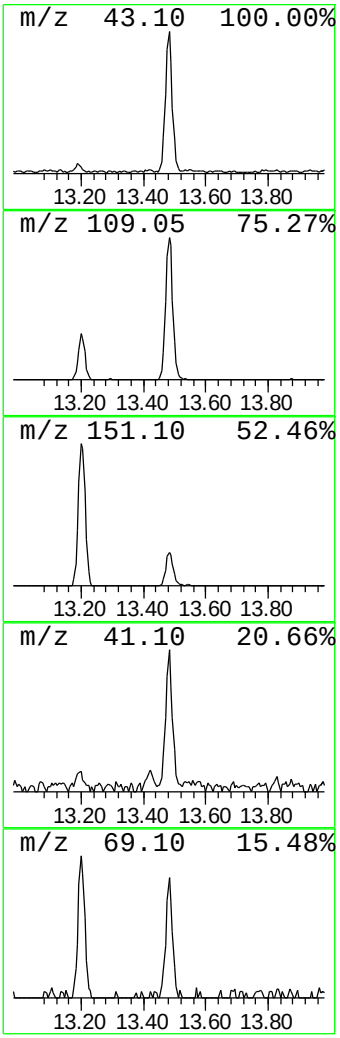
****

Peak Number 3 2,4,7,9-Tetramethyl-5-decyn... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.48	2.97 ng	165630	Acenaphthene-d10	14.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	91
2	3-Pyridinol, 4-methyl-, acetate ...	151	C8H9NO2	001006-96-8	53
3	p-Isopropoxyaniline	151	C9H13NO	007664-66-6	53
4	N-Cyclopropyl-p-fluorobenzylamine	165	C10H12FN	1000250-88-9	47
5	Cyclohexanol, 3,3,5-trimethyl-	142	C9H18O	000116-02-9	43





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Misc :
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Instrument : BNA_G
ClientSampleId : TP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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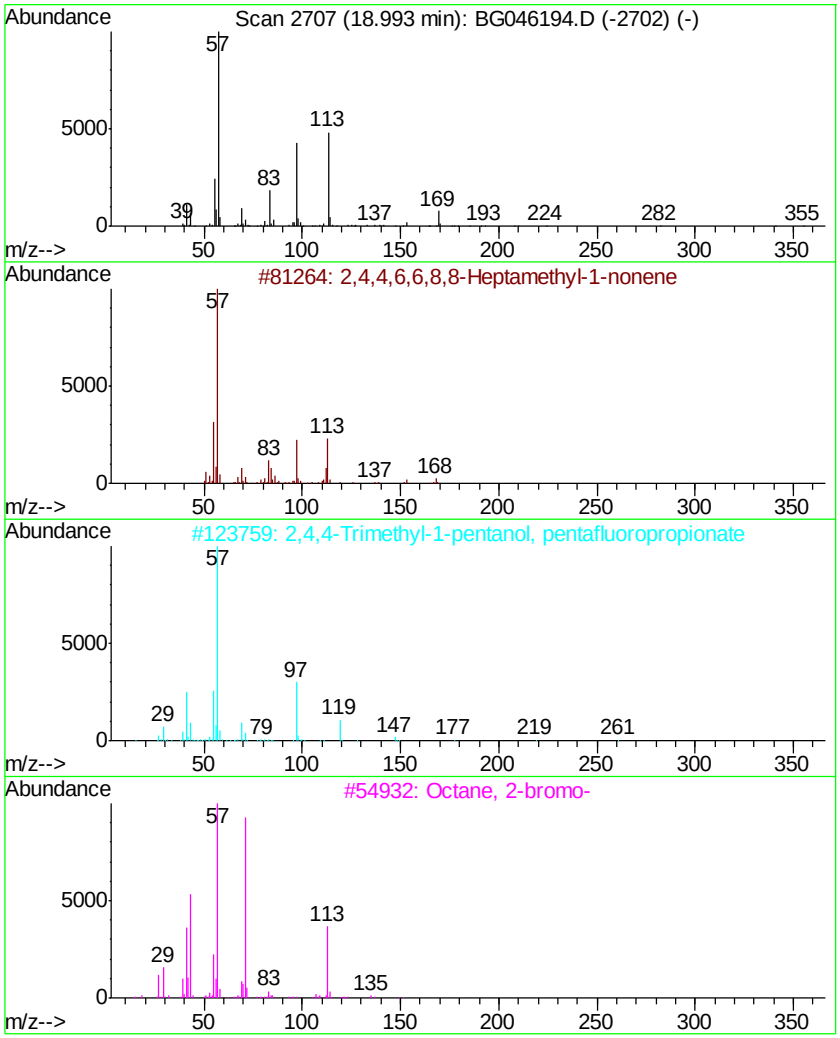
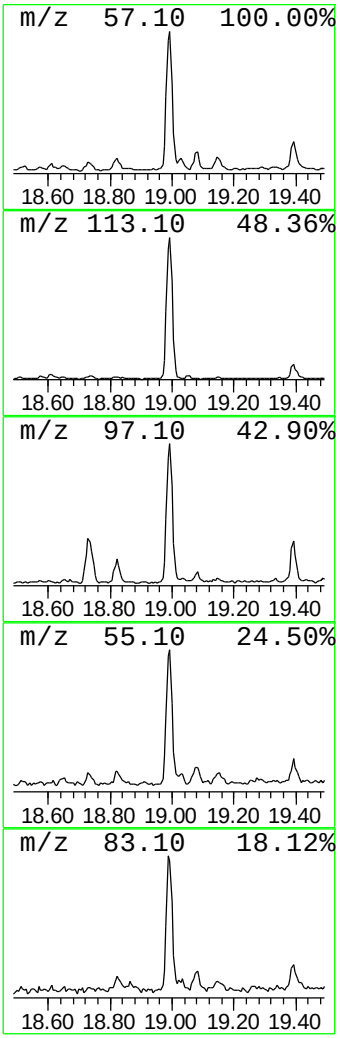
****

Peak Number 4 unknown18.99 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.99	4.35 ng	321905	Phenanthrene-d10	17.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,4,6,6,8,8-Heptamethyl-1-nonene	224	C16H32	015796-04-0	50
2	2,4,4-Trimethyl-1-pentanol, pent...	276	C11H17F5O2	1000365-51-0	35
3	Octane, 2-bromo-	192	C8H17Br	000557-35-7	25
4	2,4,4-Trimethyl-1-pentanol, trif...	226	C10H17F3O2	1000365-19-5	25
5	2-Thiopheneacetic acid, 3-tetrad...	338	C20H34O2S	1000280-66-9	13





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080720\
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ClientSampleId : TP-1

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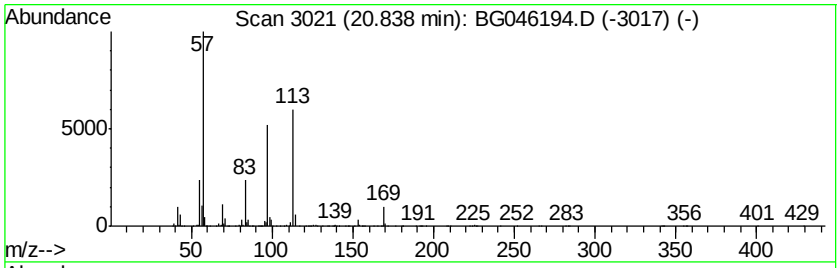
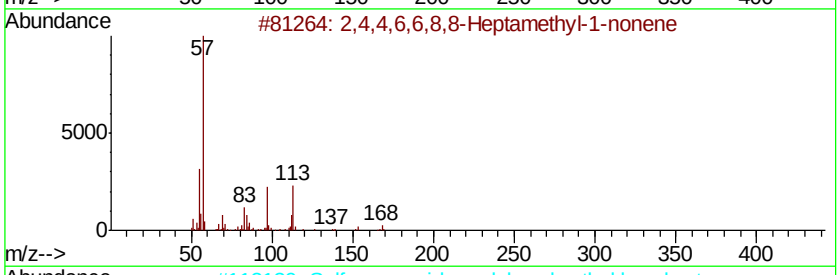
****

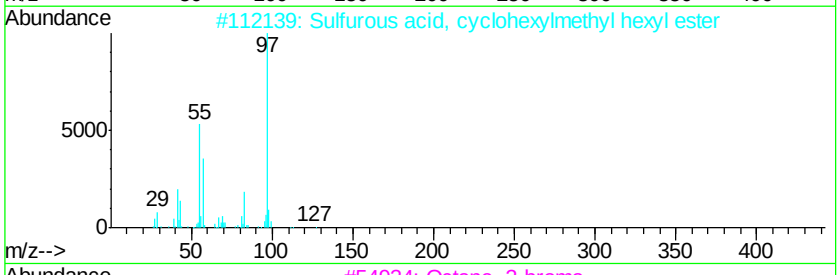
Peak Number 5 2,4,4,6,6,8,8-Heptamethyl-1... Concentration Rank 3

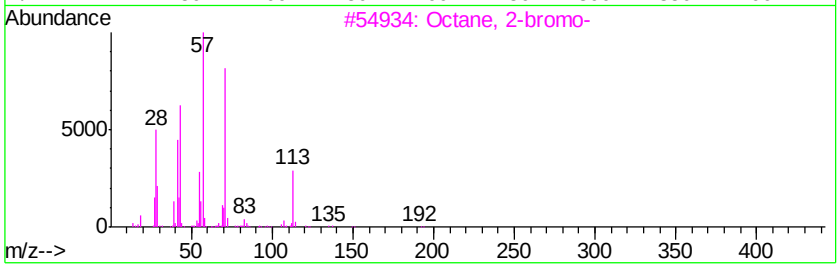
R.T.	EstConc	Area	Relative to ISTD	R.T.
20.84	7.81 ng	695695	Chrysene-d12	21.56

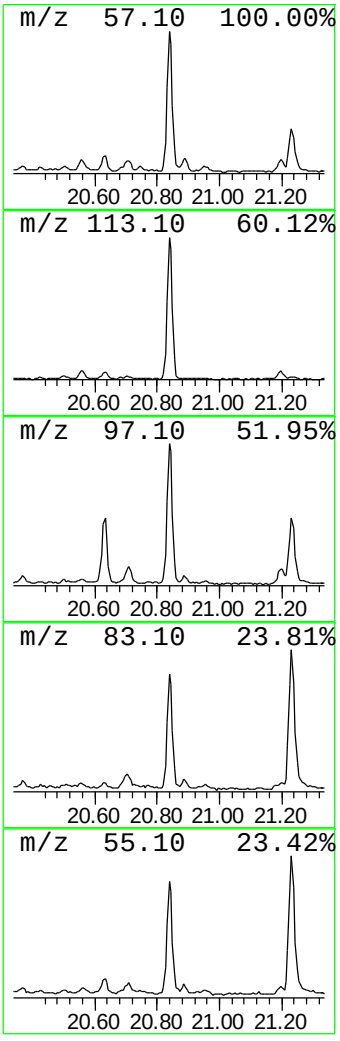
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,4,6,6,8,8-Heptamethyl-1-nonene	224	C16H32	015796-04-0	56
2	Sulfurous acid, cyclohexylmethyl...	262	C13H26O3S	1000309-21-6	38
3	Octane, 2-bromo-	192	C8H17Br	000557-35-7	32
4	Sulfurous acid, cyclohexylmethyl...	276	C14H28O3S	1000309-21-7	32
5	Sulfurous acid, cyclohexylmethyl...	234	C11H22O3S	1000309-21-3	32











Library Search Compound Report

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

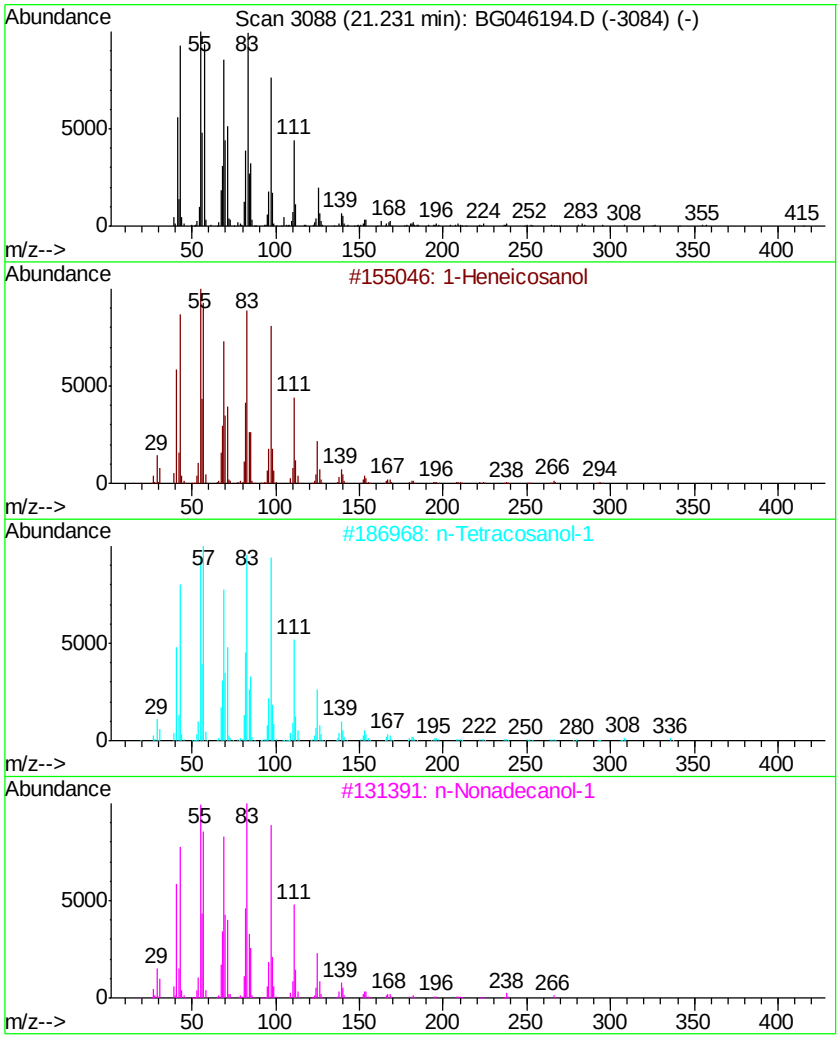
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

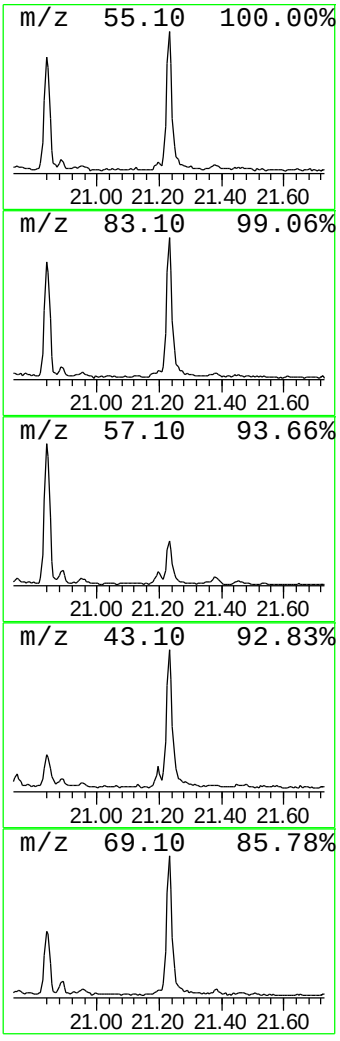
****

Peak Number 6 1-Heneicosanol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.23	7.87 ng	701148	Chrysene-d12	21.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	94
2	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
3	n-Nonadecanol-1	284	C19H40O	001454-84-8	94
4	Behenic alcohol	326	C22H46O	000661-19-8	93
5	n-Heptadecanol-1	256	C17H36O	001454-85-9	93





Tentatively Identified Compound (LSC) summary

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	3.15	36.2	ng	982830	1	7.95	543451	20.0
Ethanol, 2-(2-eth...	7.54	4.7	ng	128360	1	7.95	543451	20.0
2,4,7,9-Tetrameth...	13.48	3.0	ng	165630	3	14.57	1114920	20.0
unknown18.99	18.99	4.3	ng	321905	4	17.32	1479310	20.0
2,4,4,6,6,8,8-Hep...	20.84	7.8	ng	695695	5	21.56	1781840	20.0
1-Heneicosanol	21.23	7.9	ng	701148	5	21.56	1781840	20.0