LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042420\
Data File : BG045163.D
Acq On : 24 Apr 2020 16:22
Operator : CG/JU
Sample : L2399-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SP1-A

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-BG041520.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	3.173	10	14	21	rVB	37390	61355	1.15%	0.245%
2	5.569	414	422	436	rBV	808424	1443677	26.95%	5.755%
3	7.167	685	694	707	rBV	897795	1718452	32.08%	6.851%
4	7.590	758	766	777	rBV	545703	903758	16.87%	3.603%
5	8.001	829	836	844	rBV	237874	427994	7.99%	1.706%
6	8.325	881	891	901	rBV	812036	1456449	27.19%	5.806%
7	9.159	1025	1033	1044	rBV	623095	1177982	21.99%	4.696%
8	10.809	1306	1314	1325	rBV	306371	582979	10.88%	2.324%
9	13.259	1723	1731	1743	rBV	1835404	2969862	55.44%	11.839%
10	14.081	1863	1871	1881	rBV	236944	363953	6.79%	1.451%
11	14.640	1959	1966	1978	rBV	516360	863908	16.13%	3.444%
12	16.126	2211	2219	2235	rBV	1523172	2420552	45.18%	9.649%
13	17.383	2427	2433	2445	rBV	723745	1140764	21.29%	4.548%
14	19.433	2777	2782	2787	rBV	52978	81314	1.52%	0.324%
15	19.791	2837	2843	2848	rVB	42948	73812	1.38%	0.294%
16	19.997	2871	2878	2889	rBV	3819965	5357057	100.00%	21.356%
17	21.301	3095	3100	3110	rBV	343030	538970	10.06%	2.149%
18	21.642	3151	3158	3165	rBV	773222	1337258	24.96%	5.331%
19	21.853	3191	3194	3199	rVB5	45820	58385	1.09%	0.233%
20	22.458	3292	3297	3306	rBV5	80320	181753	3.39%	0.725%
21	23.146	3409	3414	3422	rBV2	68634	137094	2.56%	0.547%
22	23.945	3545	3550	3556	rVB3	81967	161751	3.02%	0.645%
23	24.820	3689	3699	3707	rBV	451607	1324003	24.72%	5.278%
24	26.006	3893	3901	3907	rBV5	52819	151767	2.83%	0.605%
25	26.118	3914	3920	3931	rVB10	50499	150202	2.80%	0.599%

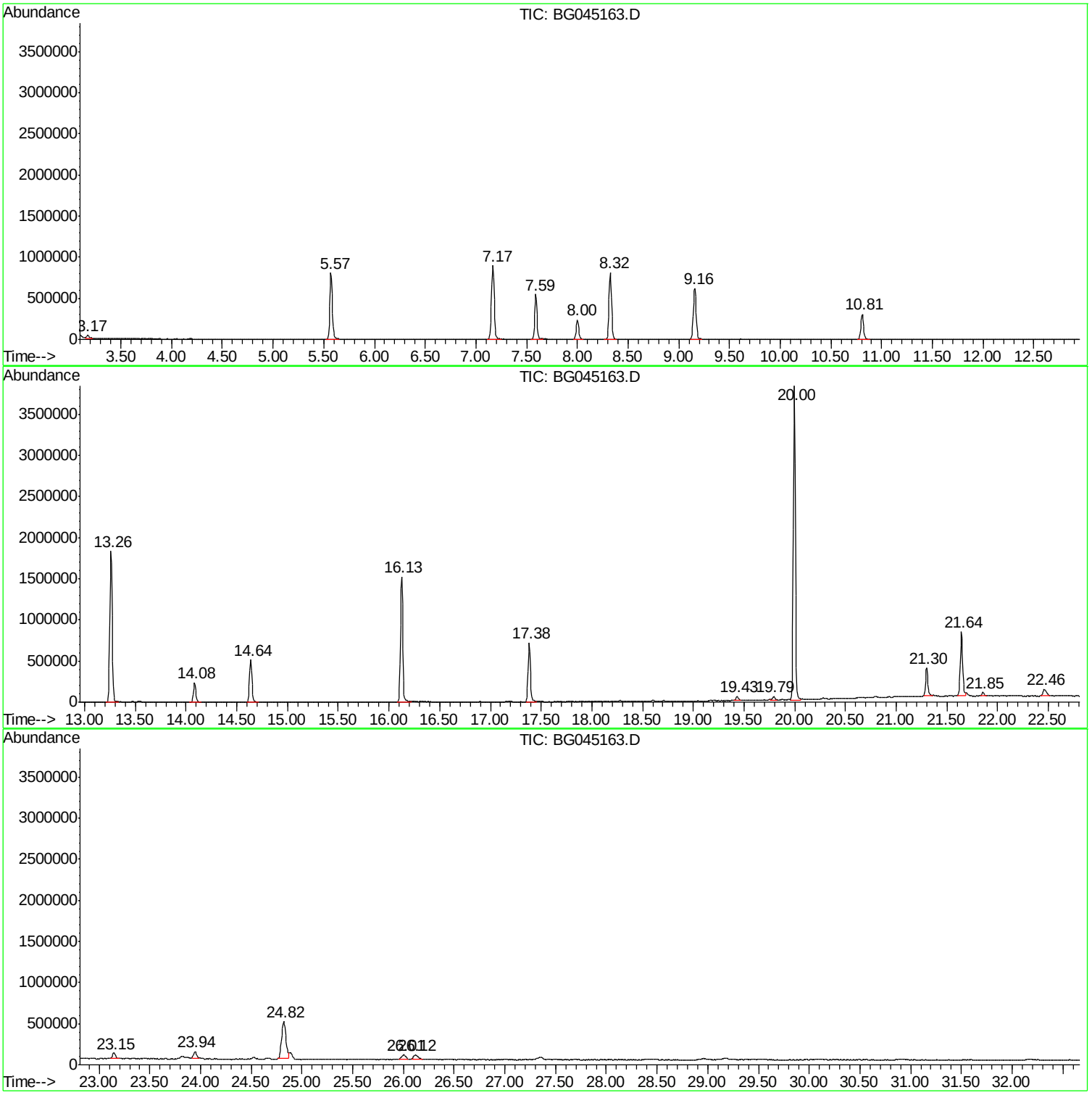
Sum of corrected areas: 25085051

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042420\
Data File : BG045163.D
Acq On : 24 Apr 2020 16:22
Operator : CG/JU
Sample : L2399-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SP1-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041520.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\BG042420\
Data File : BG045163.D
Acq On : 24 Apr 2020 16:22
Operator : CG/JU
Sample : L2399-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SP1-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

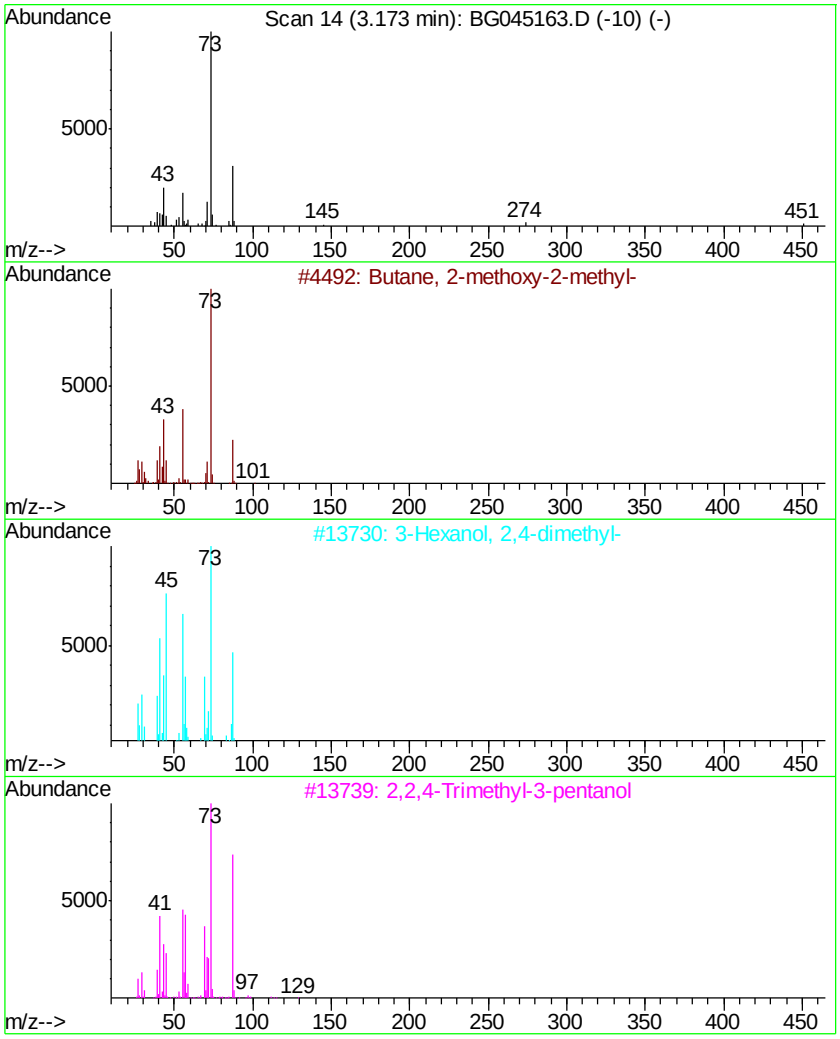
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

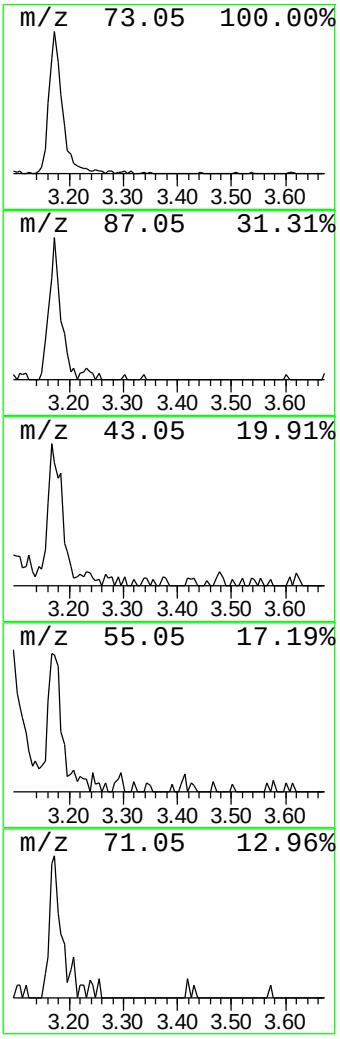
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.17	2.87 ng	61355	1,4-Dichlorobenzene-d4	8.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	50
2	3-Hexanol, 2,4-dimethyl-	130	C8H18O	013432-25-2	38
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	33
4	1,3-Bis-t-butylperoxy-phthalan	296	C16H24O5	097526-35-7	12
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042420\
Data File : BG045163.D
Acq On : 24 Apr 2020 16:22
Operator : CG/JU
Sample : L2399-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SP1-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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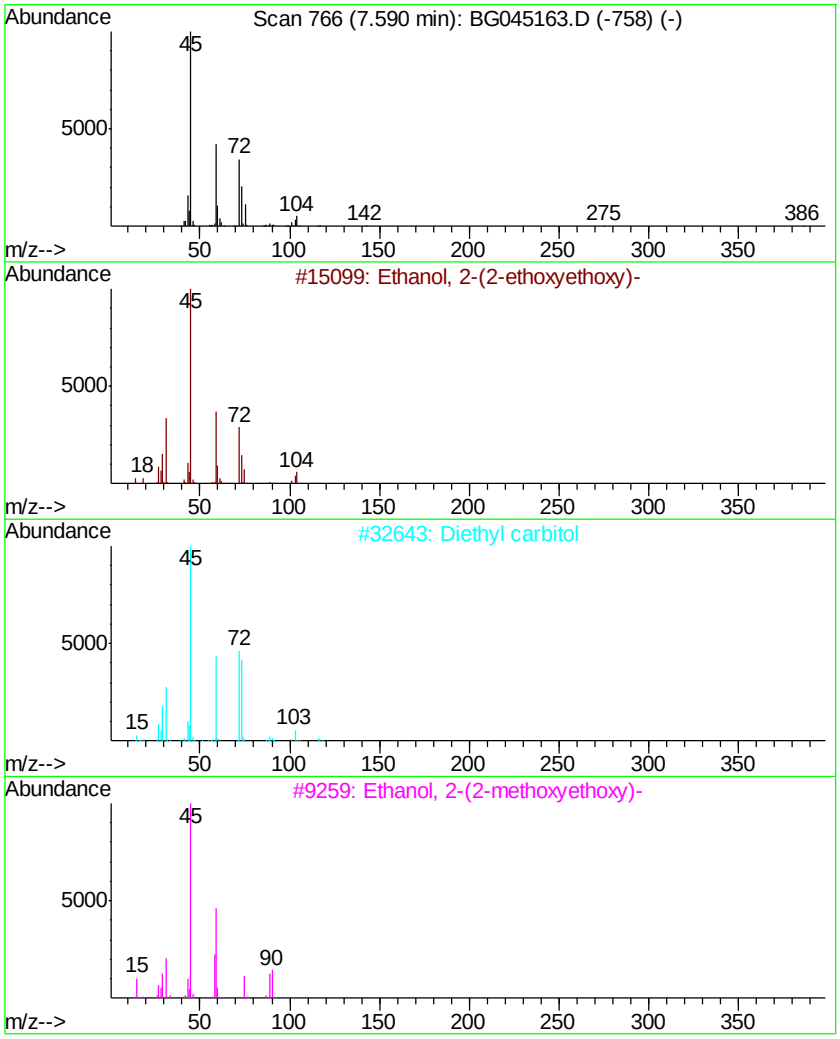
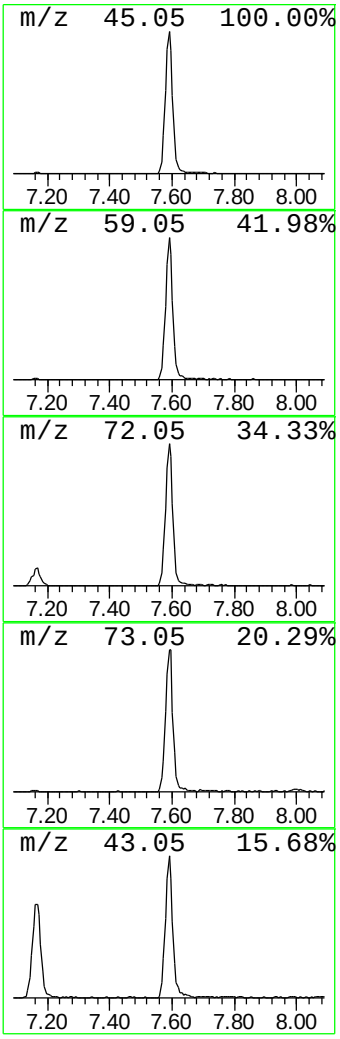
Peak Number 2 Ethanol, 2-(2-ethoxyethoxy)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.59	42.23 ng	903758	1,4-Dichlorobenzene-d4	8.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	86
2	Diethyl carbitol	162	C8H18O3	000112-36-7	64
3	Ethanol, 2-(2-methoxyethoxy)-	120	C5H12O3	000111-77-3	53
4	2-Propanol, 1-(1-methylethoxy)-	118	C6H14O2	003944-36-3	50
5	Ethanol, 2-[2-(2-ethoxyethoxy)et...	178	C8H18O4	000112-50-5	40





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042420\
Data File : BG045163.D
Acq On : 24 Apr 2020 16:22
Operator : CG/JU
Sample : L2399-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SP1-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

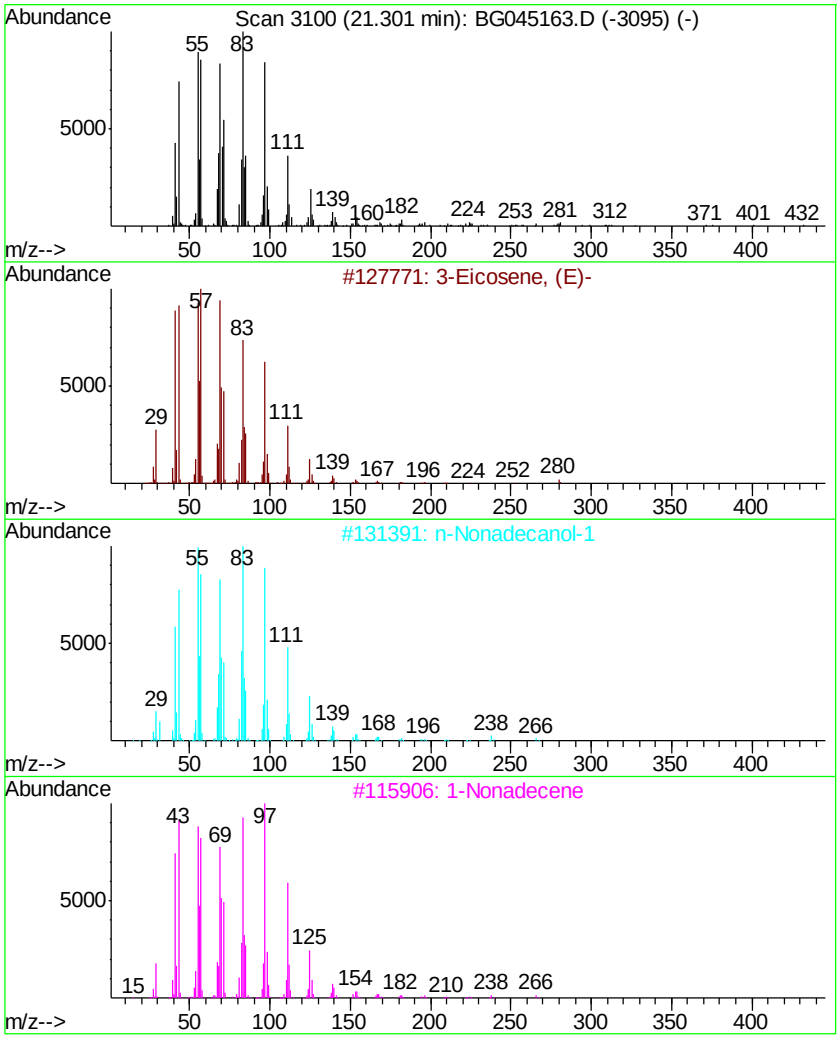
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

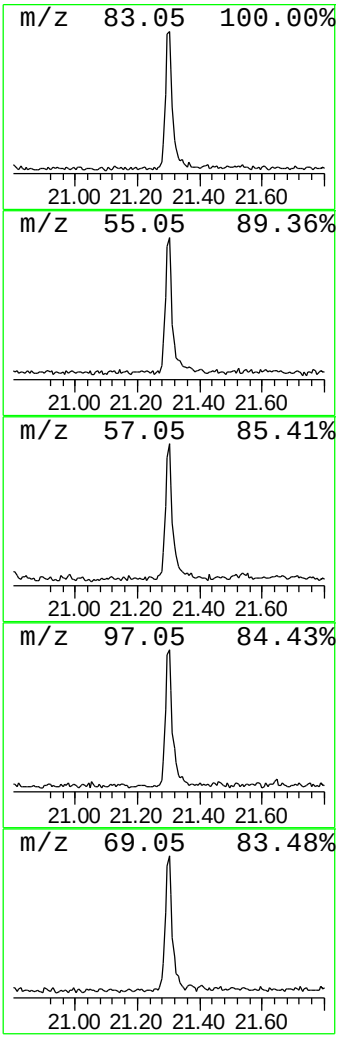
****

Peak Number 4 3-Eicosene, (E)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.30	8.06 ng	538970	Chrysene-d12	21.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	98
2	n-Nonadecanol-1	284	C19H40O	001454-84-8	95
3	1-Nonadecene	266	C19H38	018435-45-5	93
4	Cyclohexadecane	224	C16H32	000295-65-8	93
5	9-Eicosene, (E)-	280	C20H40	074685-29-3	93





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042420\
Data File : BG045163.D
Acq On : 24 Apr 2020 16:22
Operator : CG/JU
Sample : L2399-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SP1-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

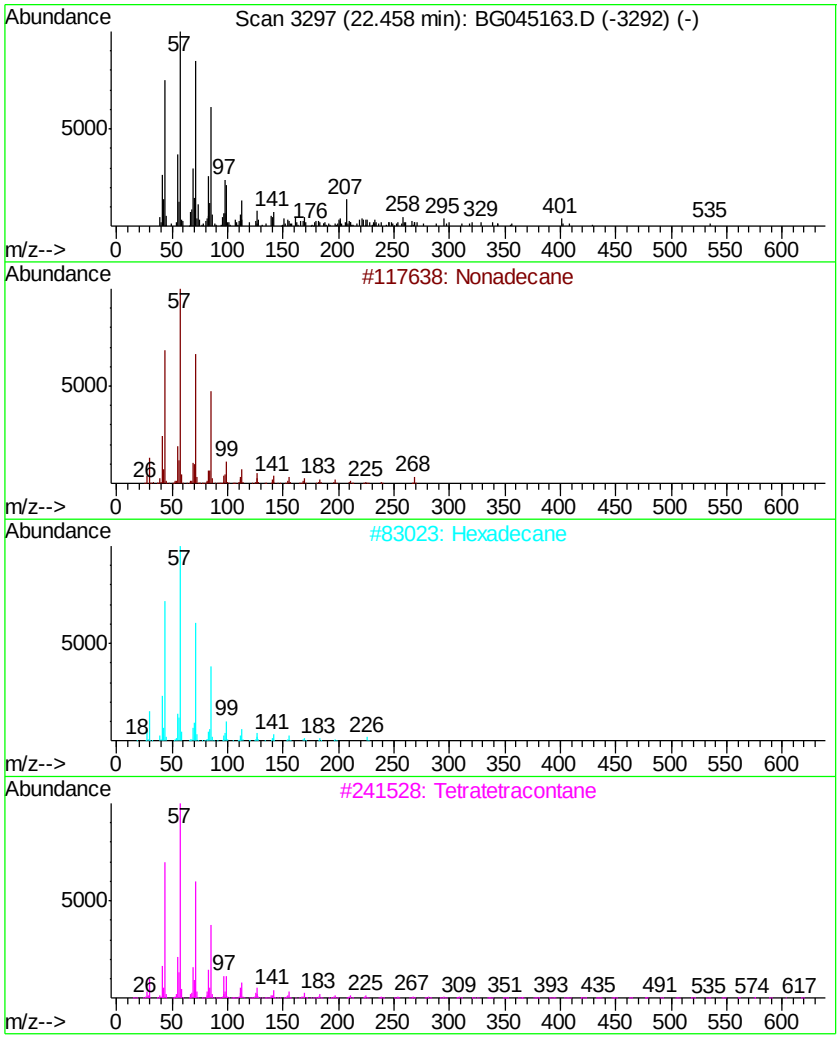
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

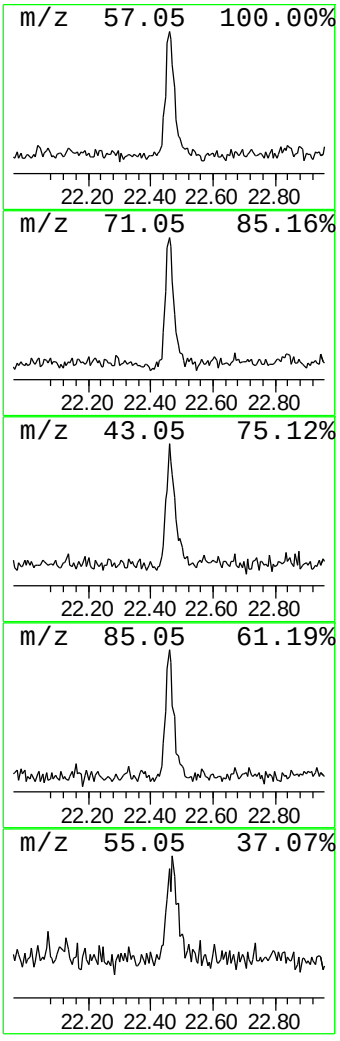
****

Peak Number 5 Nonadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.46	2.72 ng	181753	Chrysene-d12	21.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	90
2	Hexadecane	226	C16H34	000544-76-3	89
3	Tetratetracontane	619	C44H90	007098-22-8	83
4	Sulfurous acid, butyl dodecyl ester	306	C16H34O3S	1000309-17-9	80
5	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	80





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042420\
Data File : BG045163.D
Acq On : 24 Apr 2020 16:22
Operator : CG/JU
Sample : L2399-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SP1-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

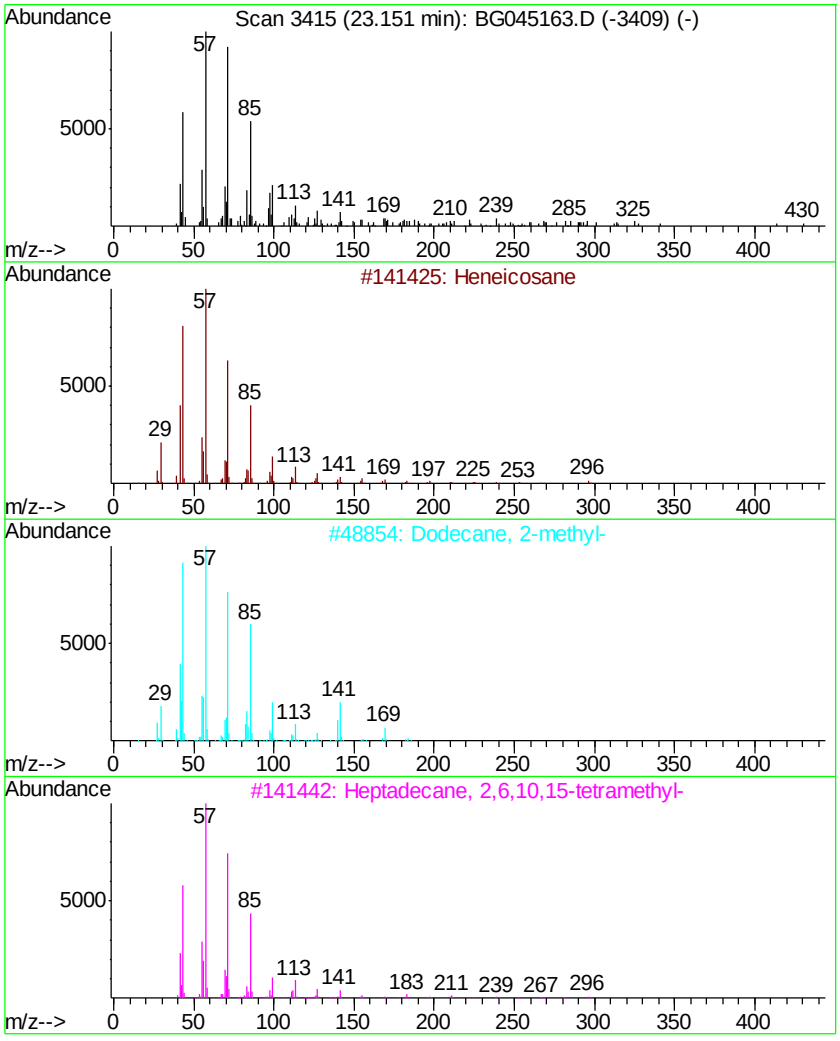
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

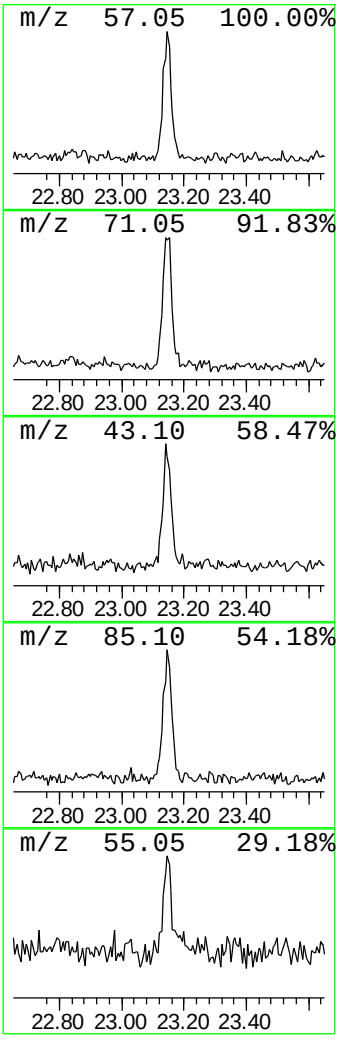
****

Peak Number 6 Heneicosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.15	2.05 ng	137094	Chrysene-d12	21.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	93
2	Dodecane, 2-methyl-	184	C13H28	001560-97-0	90
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	90
4	Octacosane	394	C28H58	000630-02-4	90
5	Tetracosane	338	C24H50	000646-31-1	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042420\
Data File : BG045163.D
Acq On : 24 Apr 2020 16:22
Operator : CG/JU
Sample : L2399-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SP1-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

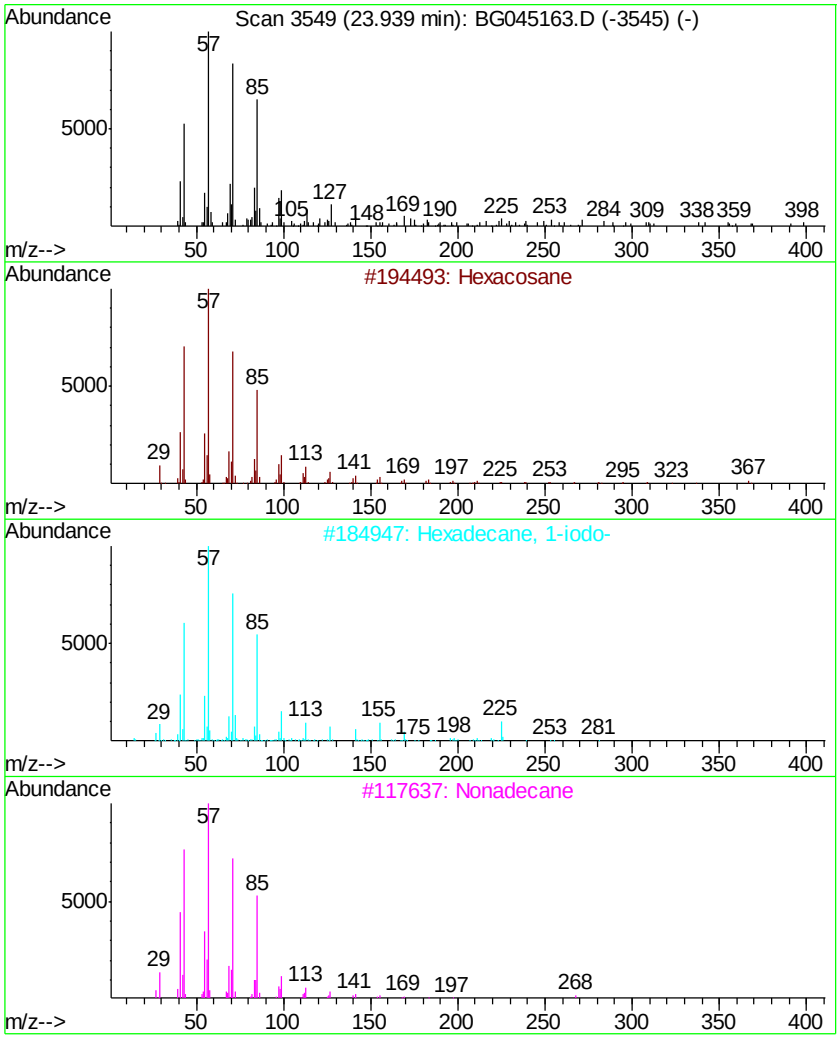
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

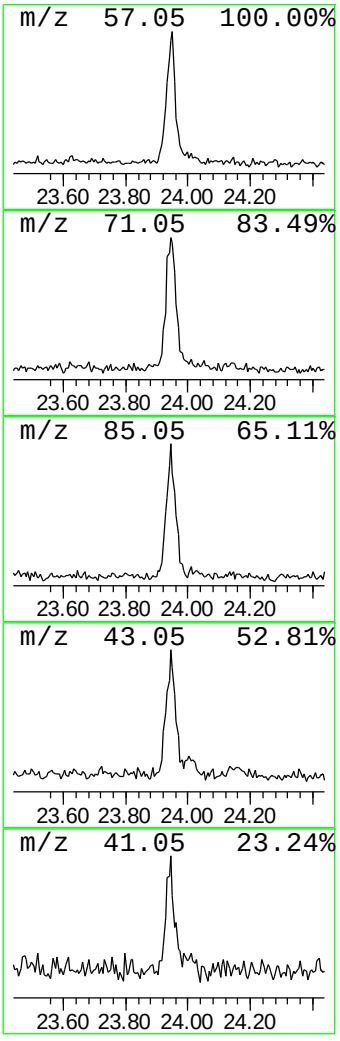
****

Peak Number 7 Hexacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.94	2.44 ng	161751	Perylene-d12	24.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	90
2	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	86
3	Nonadecane	268	C19H40	000629-92-5	83
4	Undecane, 5-methyl-	170	C12H26	001632-70-8	80
5	Octacosane	394	C28H58	000630-02-4	64





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Data File : BG045163.D
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Operator : CG/JU
Sample : L2399-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SP1-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

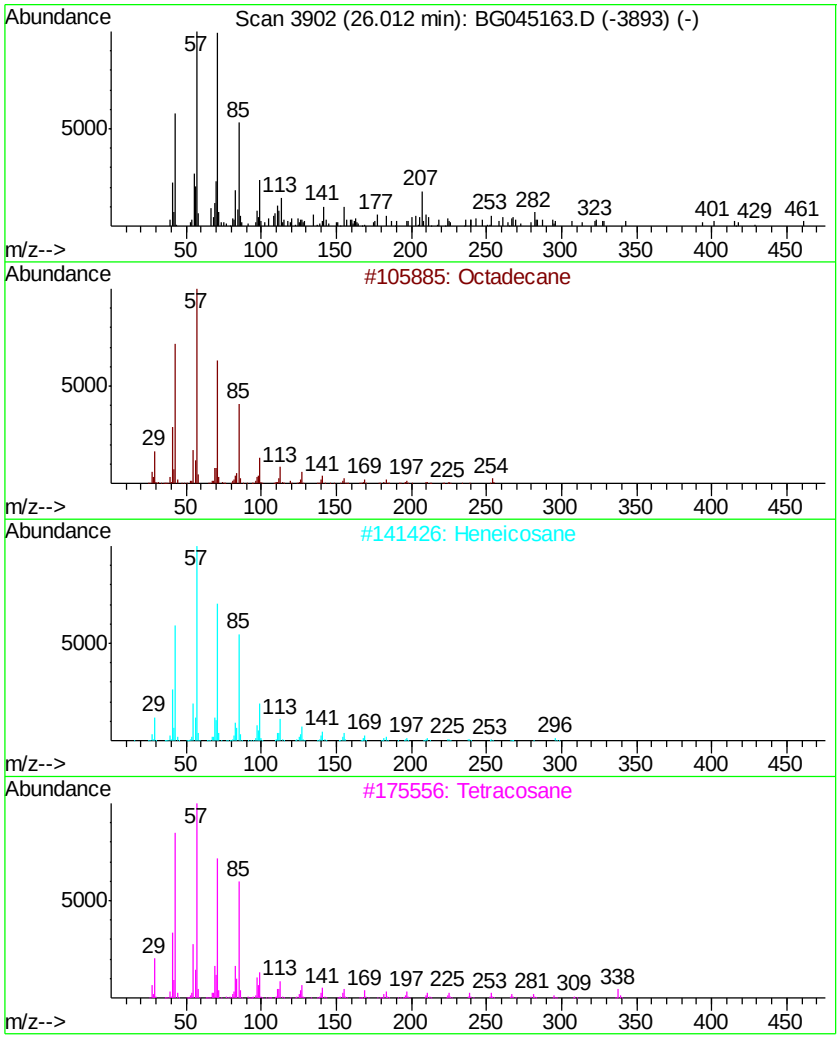
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

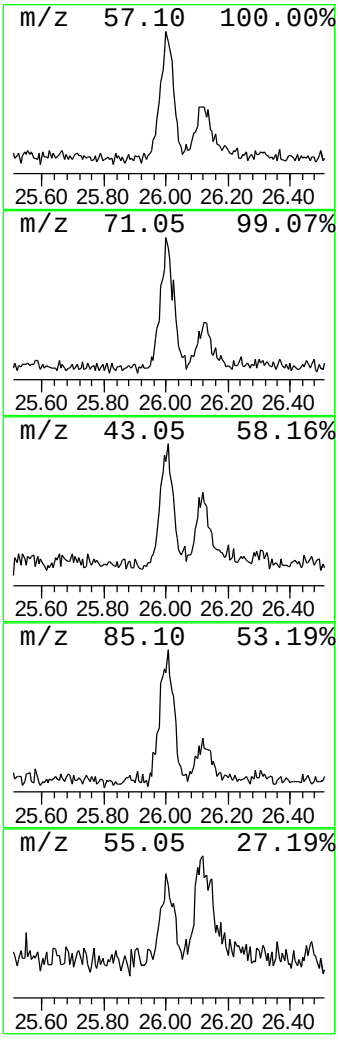
****

Peak Number 8 Octadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.01	2.29 ng	151767	Perylene-d12	24.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	80
2	Heneicosane	296	C21H44	000629-94-7	80
3	Tetracosane	338	C24H50	000646-31-1	72
4	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	70
5	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	68





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042420\
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Acq On : 24 Apr 2020 16:22
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Sample : L2399-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SP1-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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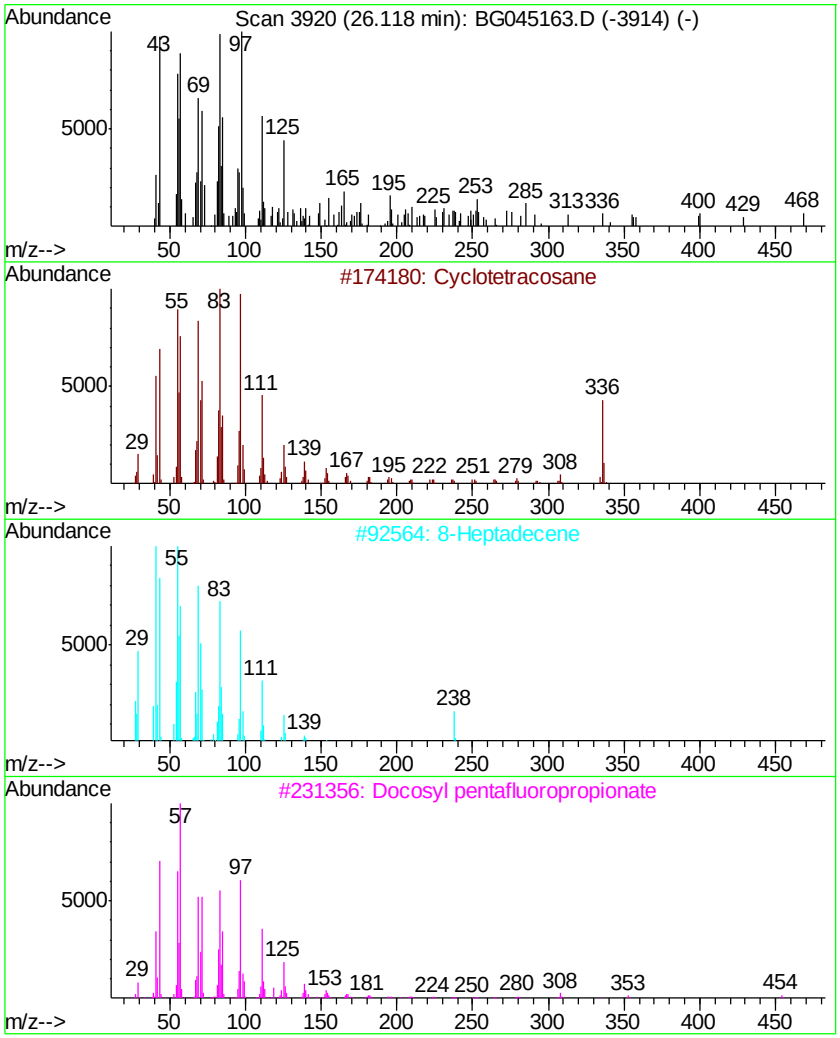
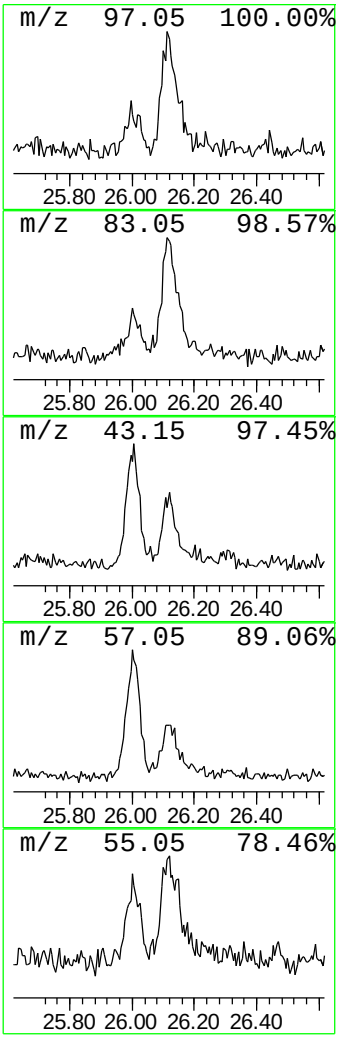
Peak Number 9 Cyclotetracosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.12	2.27 ng	150202	Perylene-d12	24.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetracosane	336	C24H48	000297-03-0	89
2	8-Heptadecene	238	C17H34	002579-04-6	89
3	Docosyl pentafluoropropionate	472	C25H45F5O2	1000351-80-9	83
4	Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	83
5	Heneicosyl heptafluorobutyrate	508	C25H43F7O2	1000351-83-8	83





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG042420\
Data File : BG045163.D
Acq On : 24 Apr 2020 16:22
Operator : CG/JU
Sample : L2399-01
Misc :
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Instrument : BNA_G
ClientSampleId : SP1-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041520.M
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...	3.17	2.9	ng	61355	1	8.00	427994	20.0
Ethanol, 2-(2-eth...	7.59	42.2	ng	903758	1	8.00	427994	20.0
3-Eicosene, (E)-	21.30	8.1	ng	538970	5	21.64	1337260	20.0
Nonadecane	22.46	2.7	ng	181753	5	21.64	1337260	20.0
Heneicosane	23.15	2.0	ng	137094	5	21.64	1337260	20.0
Hexacosane	23.94	2.4	ng	161751	6	24.82	1324000	20.0
Octadecane	26.01	2.3	ng	151767	6	24.82	1324000	20.0
Cyclotetracosane	26.12	2.3	ng	150202	6	24.82	1324000	20.0