LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042020\
Data File : BG045104.D
Acq On : 20 Apr 2020 20:23
Operator : CG/JU
Sample : L2346-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S-3

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	3.122	3	6	14	rVB	50435	89420	3.36%	0.582%
2	3.199	15	19	27	rVB	28521	48265	1.81%	0.314%
3	5.596	418	427	438	rBV	431402	729962	27.39%	4.751%
4	7.188	688	698	712	rBV	489623	870073	32.65%	5.663%
5	8.022	831	840	848	rBV	203647	365299	13.71%	2.378%
6	8.351	886	896	906	rBV	414487	756787	28.39%	4.926%
7	9.179	1030	1037	1047	rBV	352619	637776	23.93%	4.151%
8	10.830	1311	1318	1326	rVB	317903	564991	21.20%	3.677%
9	13.279	1728	1735	1744	rBV	1130576	1765113	66.23%	11.488%
10	14.108	1869	1876	1882	rBV	141131	219302	8.23%	1.427%
11	14.660	1960	1970	1979	rVB	565216	910537	34.16%	5.926%
12	16.146	2214	2223	2233	rBV	945479	1448862	54.36%	9.430%
13	17.403	2430	2437	2447	rBV	712988	1140884	42.81%	7.425%
14	20.011	2875	2881	2888	rBV	2005688	2665246	100.00%	17.347%
15	21.321	3100	3104	3111	rVB5	84854	144285	5.41%	0.939%
16	21.668	3157	3163	3170	rVB	702124	1168562	43.84%	7.606%
17	21.879	3196	3199	3203	rVB4	41215	48627	1.82%	0.316%
18	22.490	3298	3303	3313	rVB7	65044	133949	5.03%	0.872%
19	23.178	3415	3420	3427	rVB2	78001	146957	5.51%	0.956%
20	23.982	3552	3557	3563	rVB2	84446	179290	6.73%	1.167%
21	24.858	3697	3706	3715	rBV	402065	1143734	42.91%	7.444%
22	26.050	3905	3909	3921	rVB4	66017	186597	7.00%	1.214%

Sum of corrected areas: 15364518

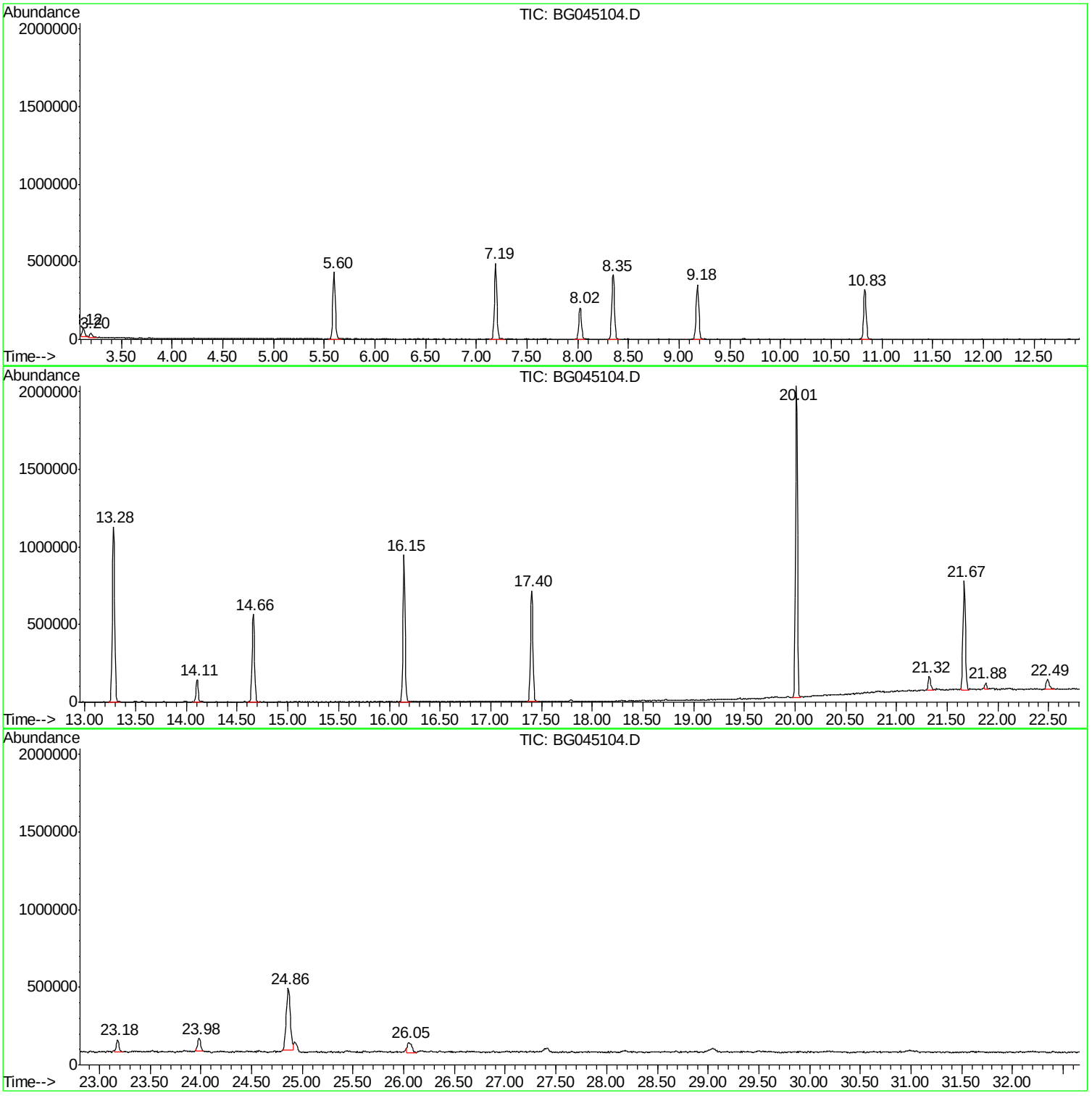
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042020\
Data File : BG045104.D
Acq On : 20 Apr 2020 20:23
Operator : CG/JU
Sample : L2346-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
S-3

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\BG042020\
Data File : BG045104.D
Acq On : 20 Apr 2020 20:23
Operator : CG/JU
Sample : L2346-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S-3

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

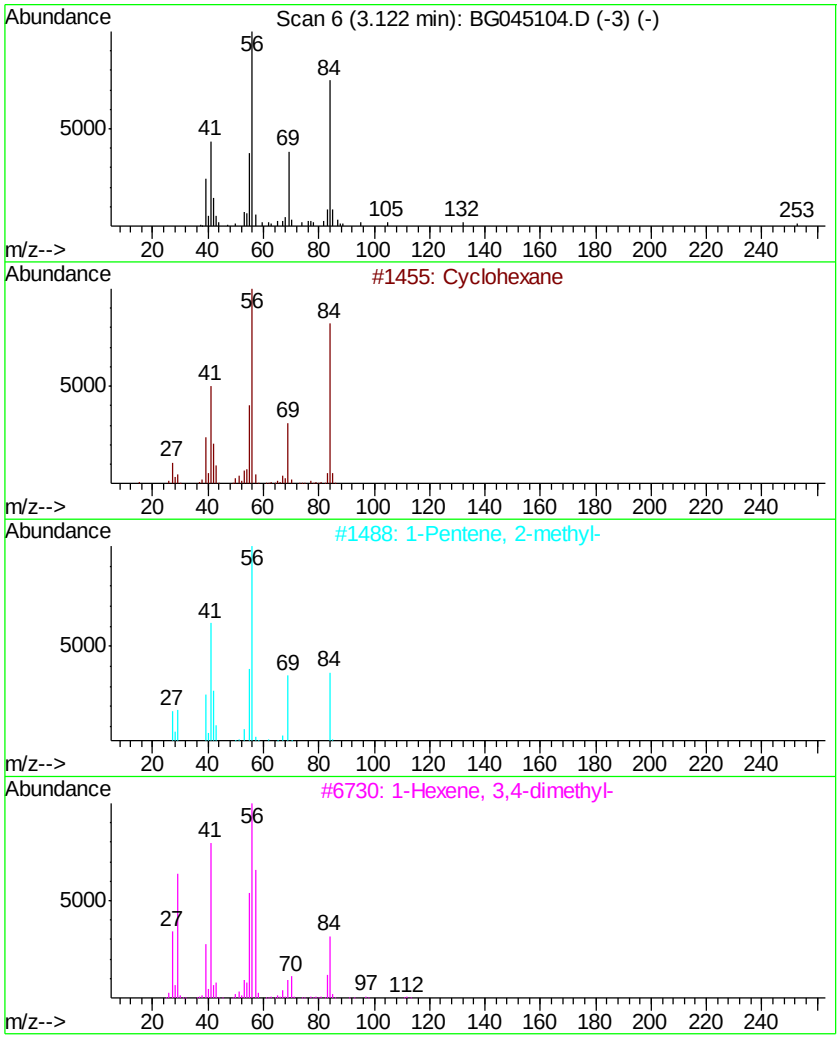
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

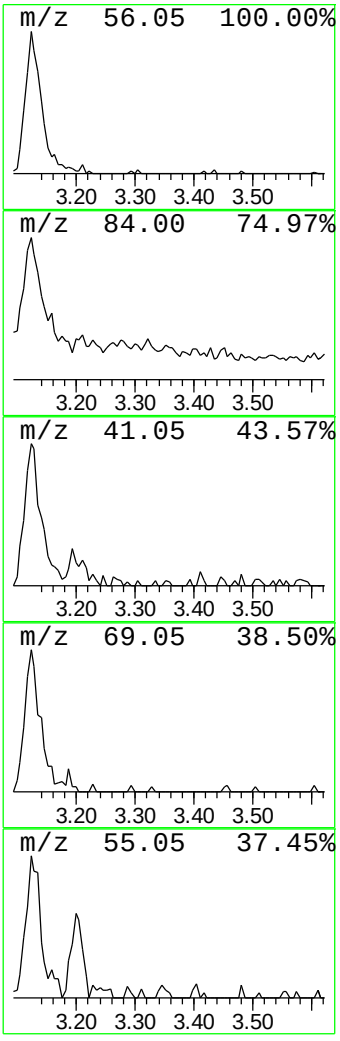
****

Peak Number 1 Cyclohexane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.12	4.90 ng	89420	1,4-Dichlorobenzene-d4	8.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane	84	C6H12	000110-82-7	90
2	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	87
3	1-Hexene, 3,4-dimethyl-	112	C8H16	016745-94-1	56
4	Iron pentacarbonyl	196	C5FeO5	013463-40-6	56
5	Cyclopentane, methyl-	84	C6H12	000096-37-7	43





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042020\
Data File : BG045104.D
Acq On : 20 Apr 2020 20:23
Operator : CG/JU
Sample : L2346-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S-3

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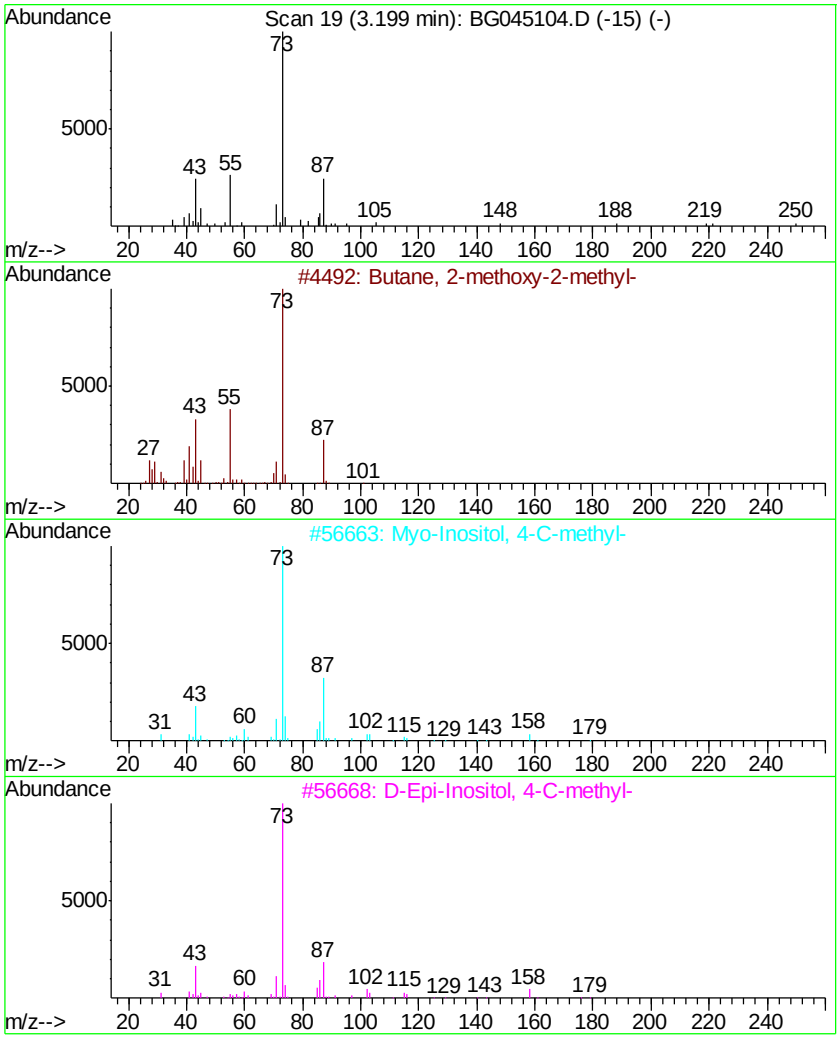
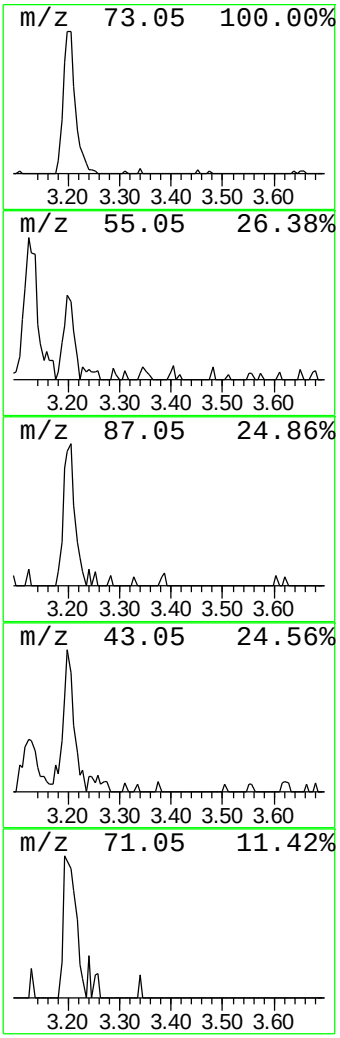
Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.20	2.64 ng	48265	1,4-Dichlorobenzene-d4	8.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	53
2	Myo-Inositol, 4-C-methyl-	194	C7H14O6	000472-95-7	45
3	D-Epi-Inositol, 4-C-methyl-	194	C7H14O6	040788-89-4	38
4	3,4-Hexanediol, 2,5-dimethyl-	146	C8H18O2	022607-11-0	23
5	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	12





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042020\
Data File : BG045104.D
Acq On : 20 Apr 2020 20:23
Operator : CG/JU
Sample : L2346-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S-3

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

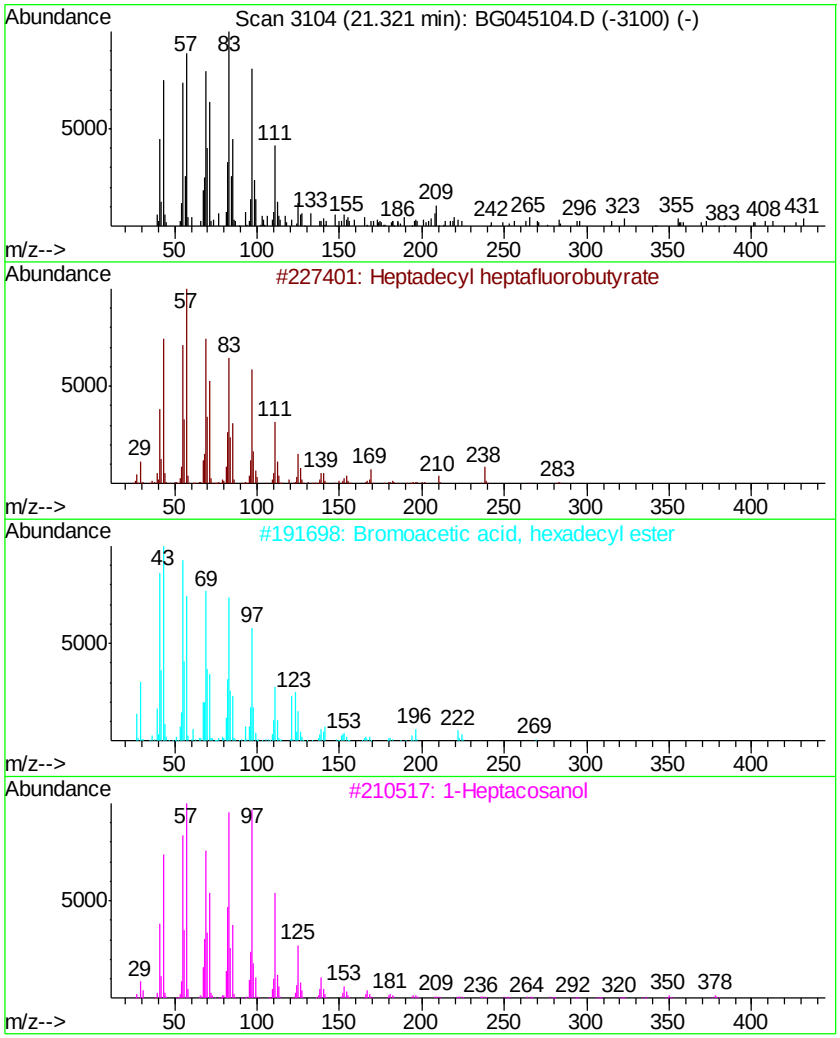
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

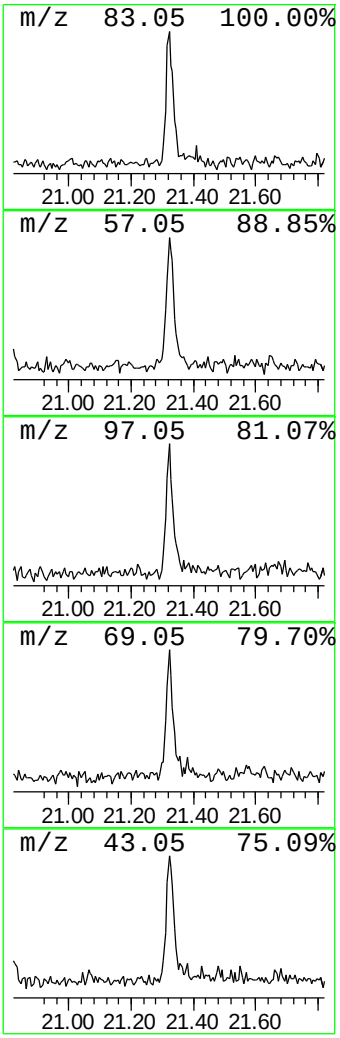
****

Peak Number 4 Heptadecyl heptafluorobutyrate Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.32	2.47 ng	144285	Chrysene-d12	21.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	91
2	Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	86
3	1-Heptacosanol	396	C27H56O	002004-39-9	80
4	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	72
5	Eicosyl pentafluoropropionate	444	C23H41F5O2	1000351-80-8	58





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042020\
Data File : BG045104.D
Acq On : 20 Apr 2020 20:23
Operator : CG/JU
Sample : L2346-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S-3

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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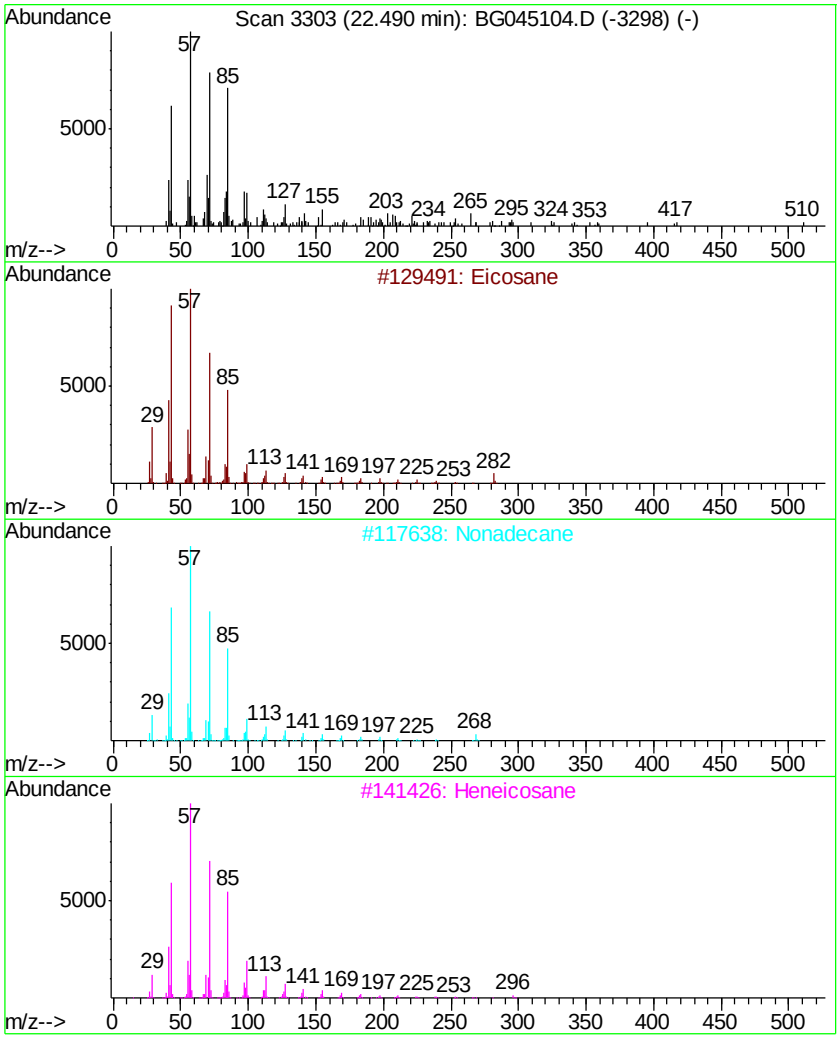
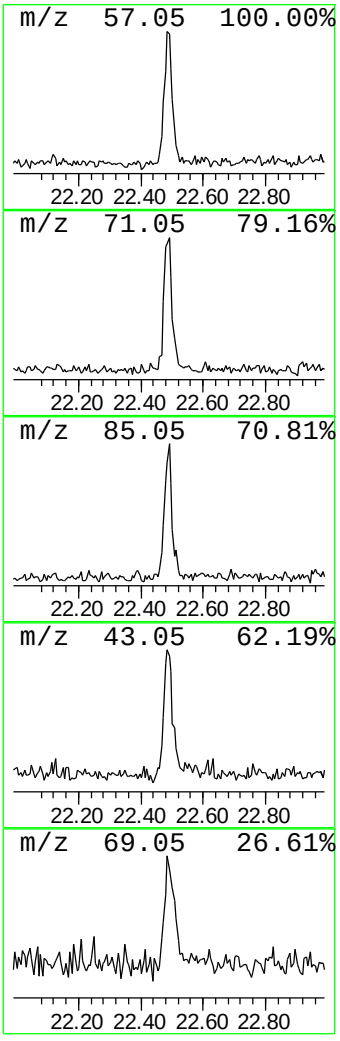
Peak Number 5 Eicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.49	2.29 ng	133949	Chrysene-d12	21.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	91
2	Nonadecane	268	C19H40	000629-92-5	90
3	Heneicosane	296	C21H44	000629-94-7	87
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	87
5	Eicosane, 2-methyl-	296	C21H44	001560-84-5	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042020\
Data File : BG045104.D
Acq On : 20 Apr 2020 20:23
Operator : CG/JU
Sample : L2346-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S-3

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

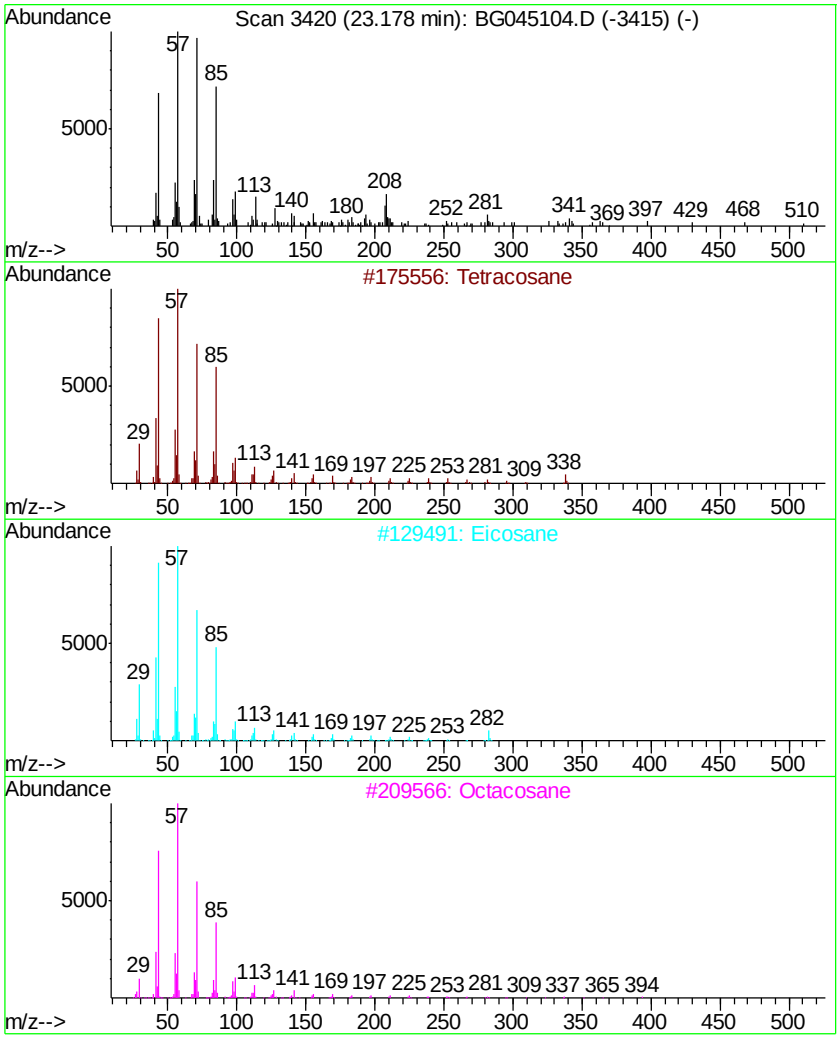
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

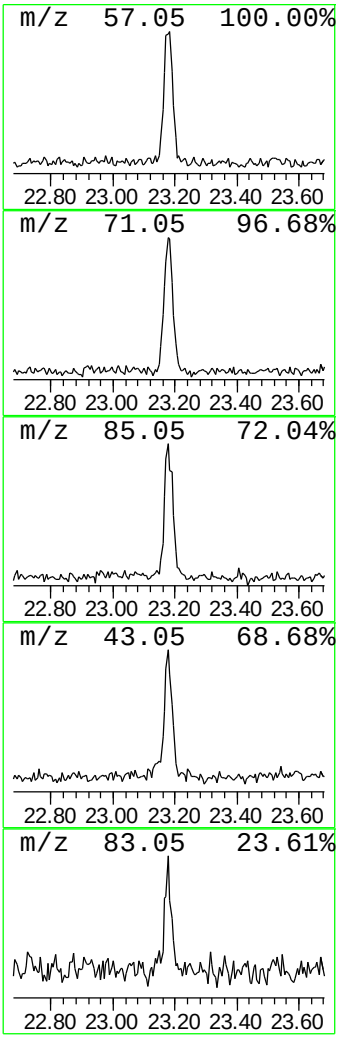
****

Peak Number 6 Tetracosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.18	2.52 ng	146957	Chrysene-d12	21.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	76
2	Eicosane	282	C20H42	000112-95-8	76
3	Octacosane	394	C28H58	000630-02-4	64
4	Dodecane, 2-methyl-	184	C13H28	001560-97-0	64
5	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042020\
Data File : BG045104.D
Acq On : 20 Apr 2020 20:23
Operator : CG/JU
Sample : L2346-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S-3

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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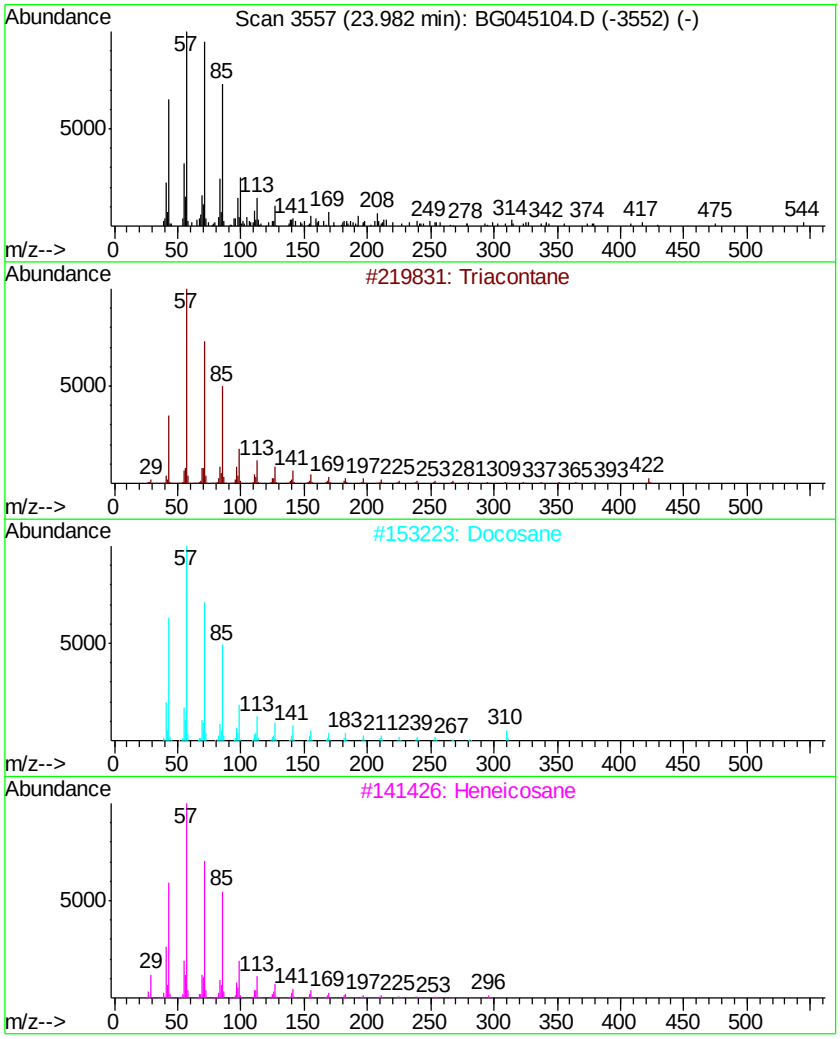
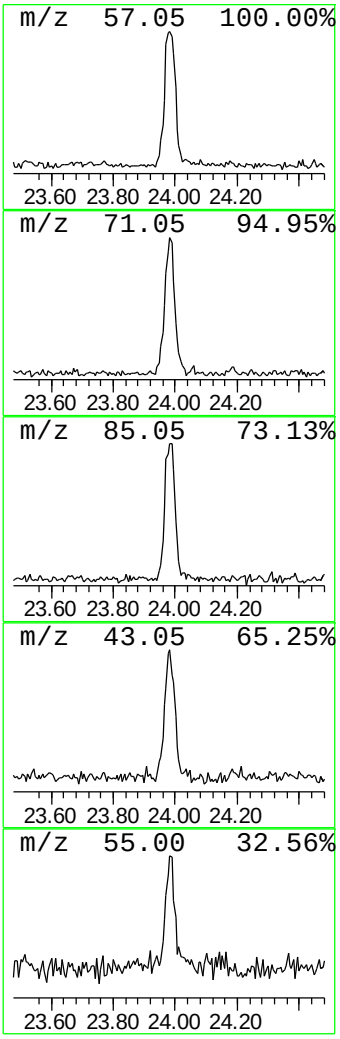
Peak Number 7 Triacontane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.98	3.14 ng	179290	Perylene-d12	24.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triacontane	422	C30H62	000638-68-6	87
2	Docosane	310	C22H46	000629-97-0	87
3	Heneicosane	296	C21H44	000629-94-7	86
4	Pentacosane	352	C25H52	000629-99-2	58
5	Nonane, 1-iodo-	254	C9H19I	004282-42-2	43





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042020\
Data File : BG045104.D
Acq On : 20 Apr 2020 20:23
Operator : CG/JU
Sample : L2346-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S-3

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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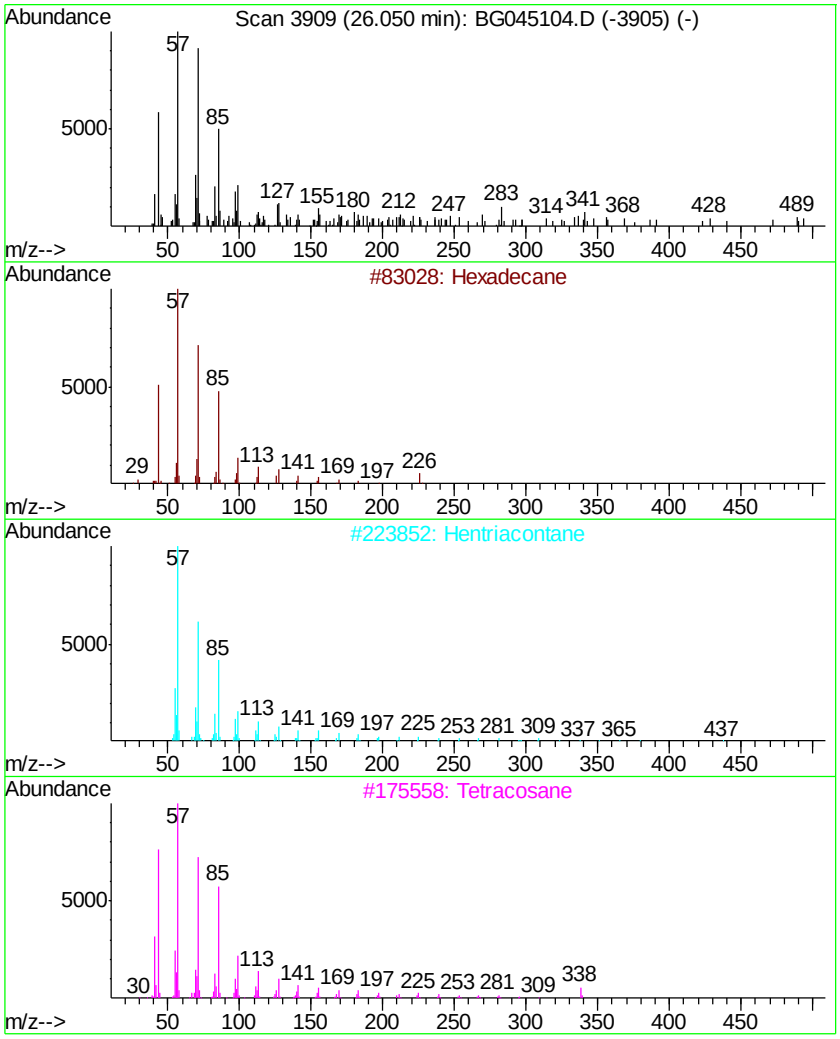
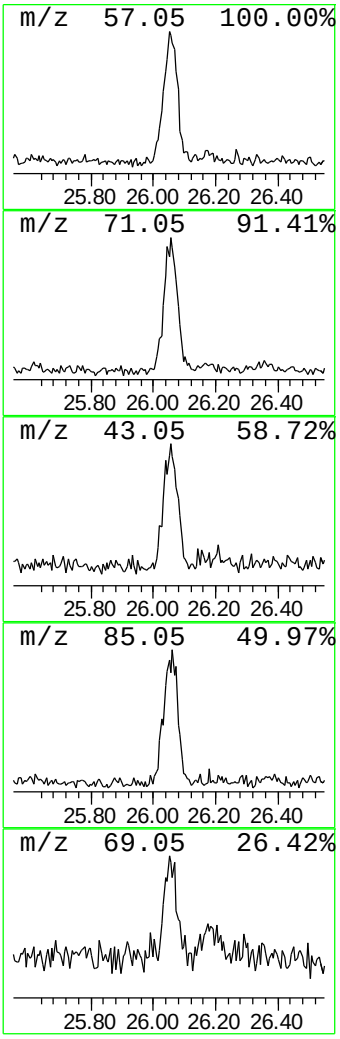
Peak Number 8 Hexadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.05	3.26 ng	186597	Perylene-d12	24.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	89
2	Hentriacontane	437	C31H64	000630-04-6	74
3	Tetracosane	338	C24H50	000646-31-1	72
4	Hexacosane	366	C26H54	000630-01-3	72
5	Triacontane, 1-bromo-	500	C30H61Br	004209-22-7	72





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG042020\
Data File : BG045104.D
Acq On : 20 Apr 2020 20:23
Operator : CG/JU
Sample : L2346-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S-3

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
Cyclohexane	3.12	4.9	ng	89420	1	8.02	365299	20.0
Butane, 2-methoxy...	3.20	2.6	ng	48265	1	8.02	365299	20.0
Heptadecyl heptaf...	21.32	2.5	ng	144285	5	21.67	1168560	20.0
Eicosane	22.49	2.3	ng	133949	5	21.67	1168560	20.0
Tetracosane	23.18	2.5	ng	146957	5	21.67	1168560	20.0
Triacontane	23.98	3.1	ng	179290	6	24.86	1143730	20.0
Hexadecane	26.05	3.3	ng	186597	6	24.86	1143730	20.0