LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041720\
Data File : BG045057.D
Acq On : 18 Apr 2020 8:25
Operator : CG/JU
Sample : L2314-16
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FB-2020-04-15

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	rVB2	128670	197738	2.93%	0.742%
2	3.193	14	18	31	rVB	157194	241256	3.57%	0.906%
3	5.589	419	426	440	rBV	457579	764851	11.33%	2.872%
4	7.181	688	697	708	rVB	326540	582161	8.62%	2.186%
5	8.021	833	840	847	rBV2	199291	356034	5.27%	1.337%
6	8.350	888	896	906	rBV	872031	1594022	23.60%	5.985%
7	9.179	1029	1037	1047	rBV	827425	1528877	22.64%	5.740%
8	10.829	1308	1318	1326	rBV	305361	559948	8.29%	2.102%
9	11.429	1415	1420	1431	rVB2	55990	95963	1.42%	0.360%
10	13.279	1728	1735	1747	rVB	2535691	4102784	60.75%	15.404%
11	14.101	1870	1875	1882	rBV	135405	207344	3.07%	0.778%
12	14.654	1961	1969	1978	rBV	552738	911120	13.49%	3.421%
13	16.146	2215	2223	2231	rBV	2364985	3723847	55.14%	13.981%
14	17.403	2430	2437	2446	rVB	779870	1212820	17.96%	4.553%
15	20.011	2874	2881	2891	rBV	4971654	6753013	100.00%	25.354%
16	21.321	3098	3104	3112	rBV2	171851	294271	4.36%	1.105%
17	21.662	3154	3162	3169	rBV2	794042	1295713	19.19%	4.865%
18	21.879	3194	3199	3205	rVB3	42926	72159	1.07%	0.271%
19	22.484	3297	3302	3307	rBV3	63590	121029	1.79%	0.454%
20	23.177	3414	3420	3429	rVB2	83787	164507	2.44%	0.618%
21	23.976	3549	3556	3564	rBV3	89545	188391	2.79%	0.707%
22	24.852	3694	3705	3713	rBV2	449995	1325522	19.63%	4.977%
23	24.922	3714	3717	3728	rVB4	77678	184892	2.74%	0.694%
24	26.044	3901	3908	3918	rVB5	54653	156990	2.32%	0.589%

Sum of corrected areas: 26635252

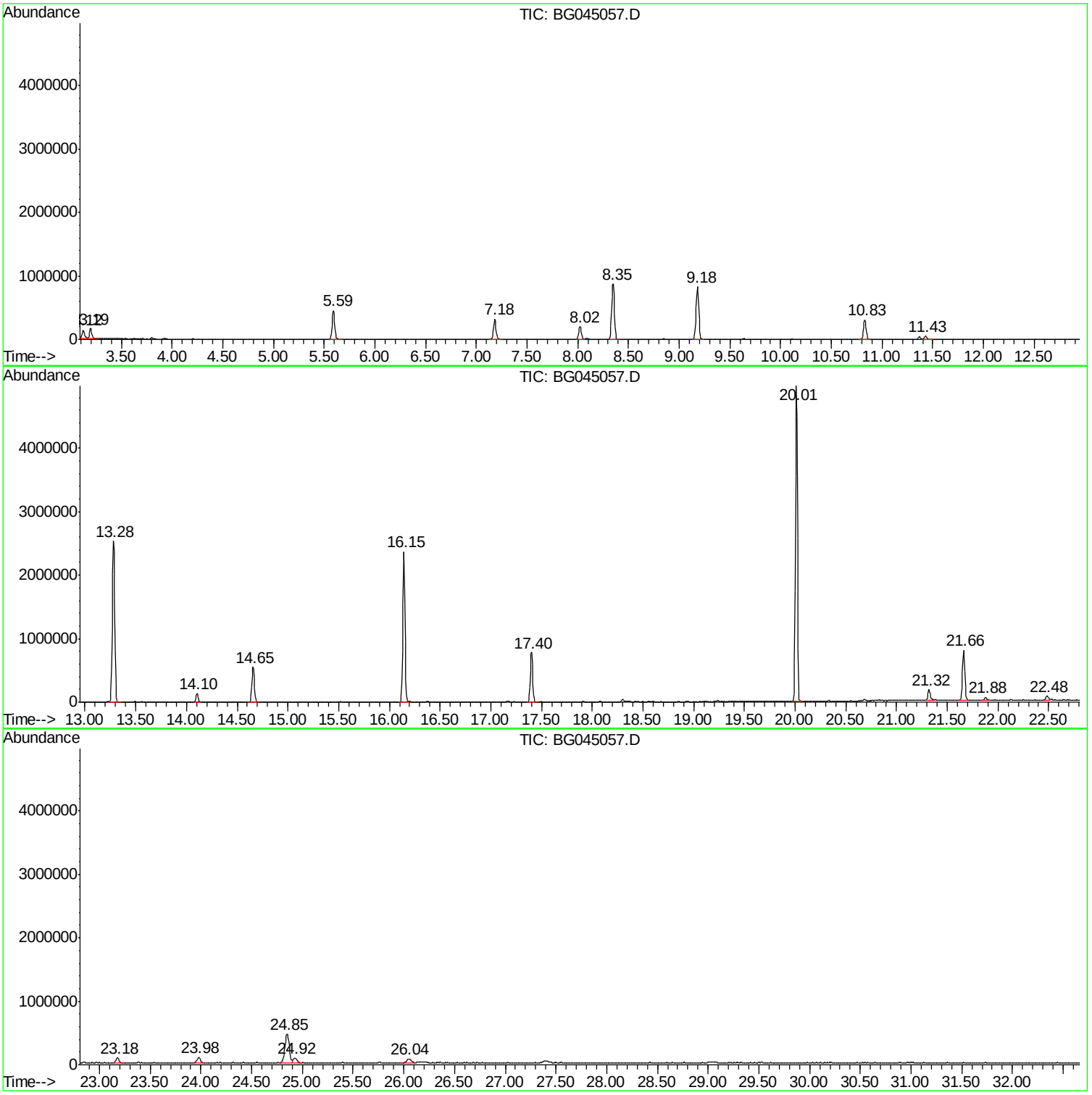
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041720\
Data File : BG045057.D
Acq On : 18 Apr 2020 8:25
Operator : CG/JU
Sample : L2314-16
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FB-2020-04-15

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041720\
Data File : BG045057.D
Acq On : 18 Apr 2020 8:25
Operator : CG/JU
Sample : L2314-16
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FB-2020-04-15

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

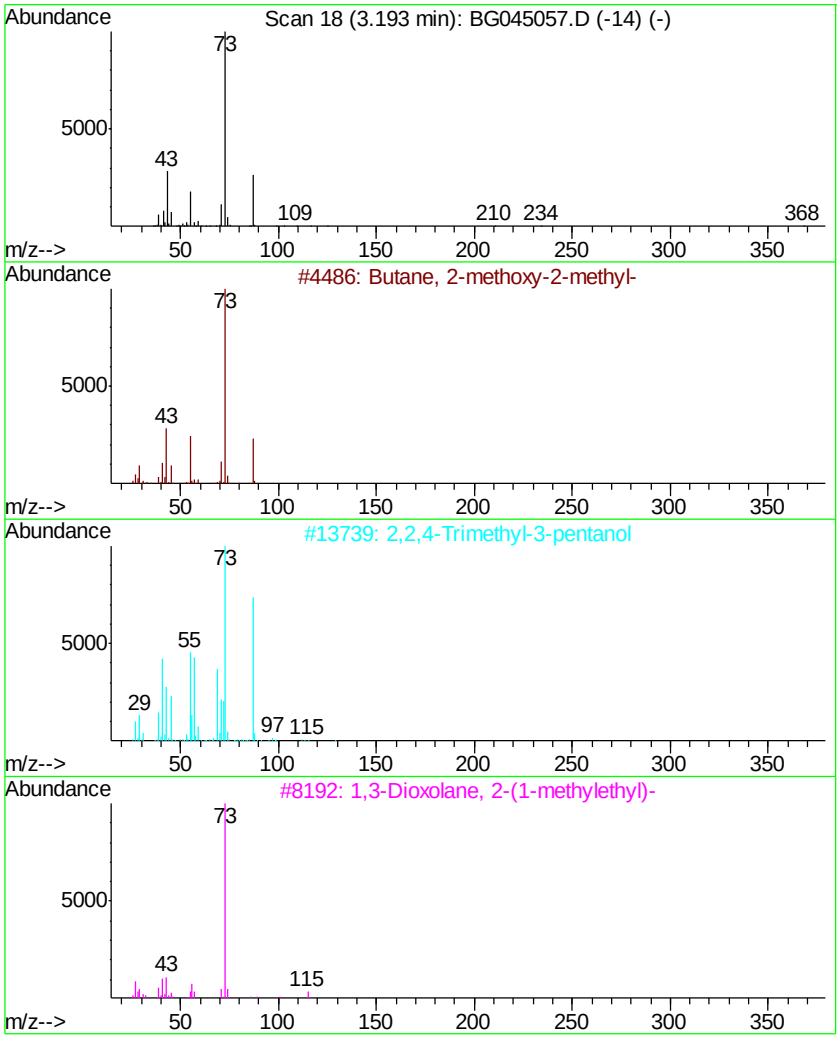
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

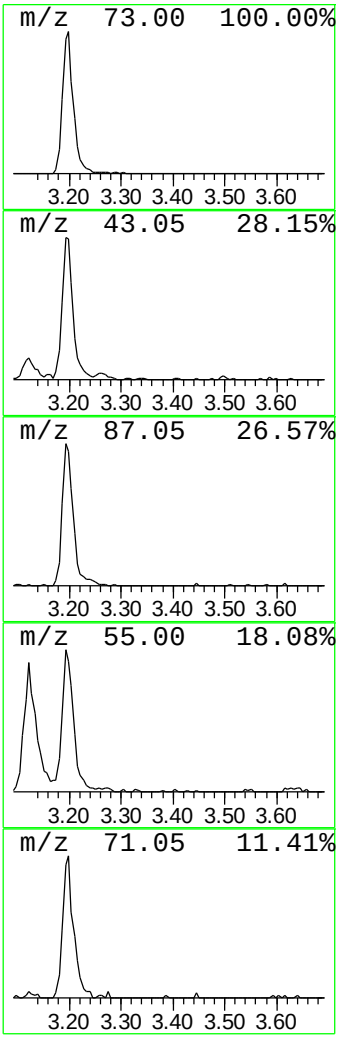
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.19	13.55 ng	241256	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	64
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	1,3-Dioxolane, 2-(1-methylethyl)-	116	C6H12O2	000822-83-3	9
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041720\
Data File : BG045057.D
Acq On : 18 Apr 2020 8:25
Operator : CG/JU
Sample : L2314-16
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FB-2020-04-15

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

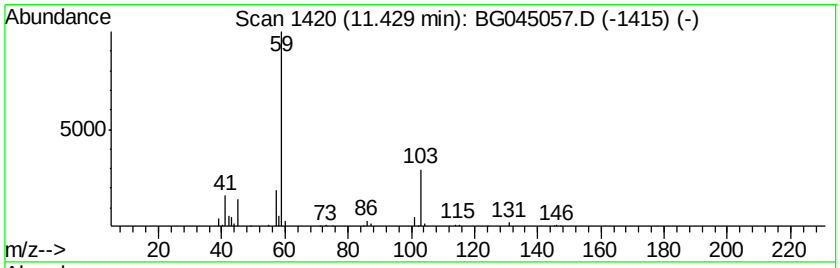
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

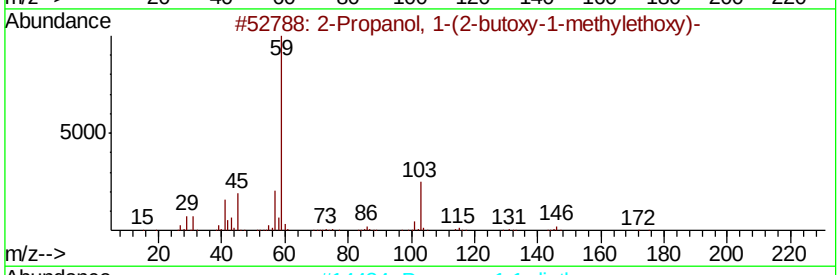
****

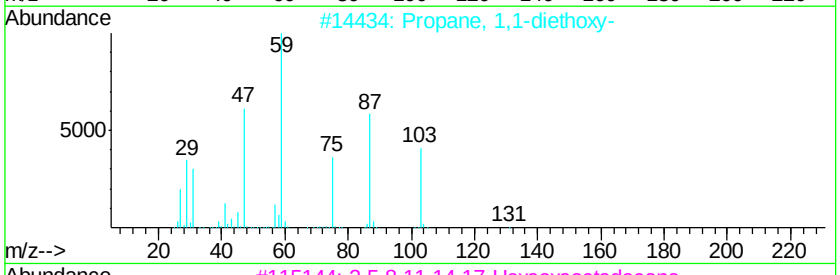
Peak Number 4 2-Propanol, 1-(2-butoxy-1-m... Concentration Rank 5

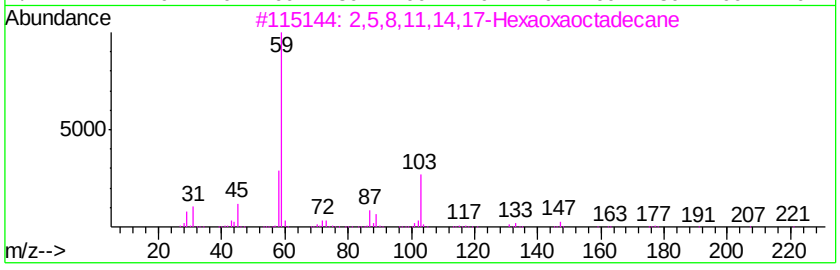
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.43	3.43 ng	95963	Naphthalene-d8	10.83

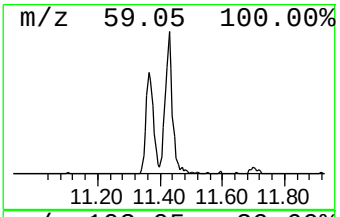
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-(2-butoxy-1-methyl...	190	C10H22O3	029911-28-2	83
2	Propane, 1,1-diethoxy-	132	C7H16O2	004744-08-5	72
3	2,5,8,11,14,17-Hexaoxaoctadecane	266	C12H26O6	001191-87-3	72
4	1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	72
5	Methane, diethoxy-	104	C5H12O2	000462-95-3	72

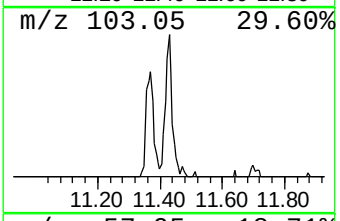


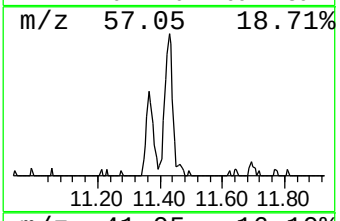


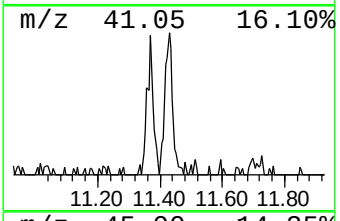


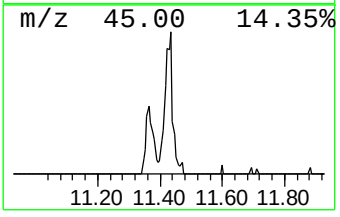












Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041720\
Data File : BG045057.D
Acq On : 18 Apr 2020 8:25
Operator : CG/JU
Sample : L2314-16
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FB-2020-04-15

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

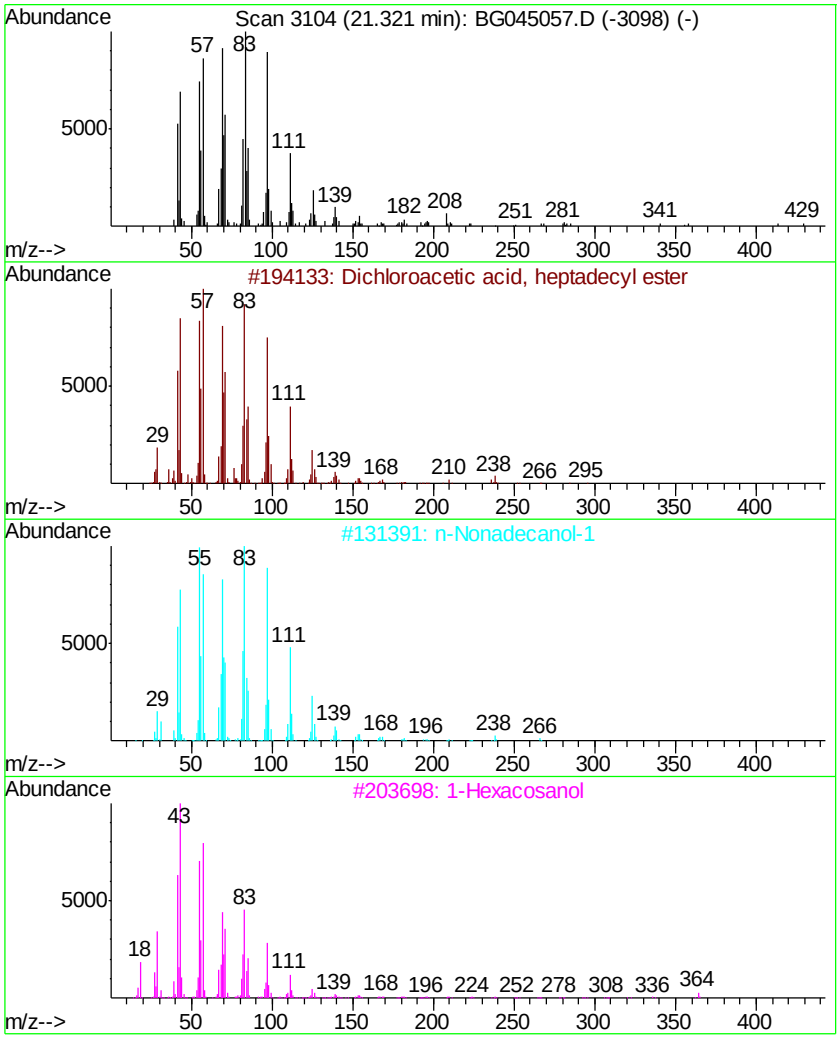
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

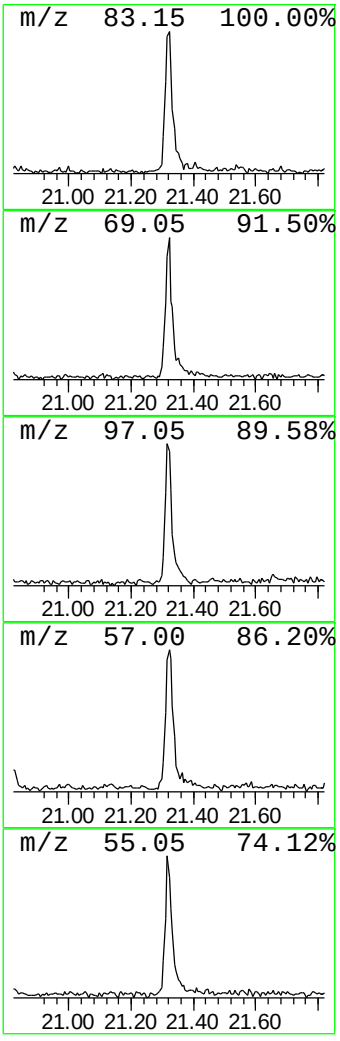
****

Peak Number 5 Dichloroacetic acid, heptad... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.32	4.54 ng	294271	Chrysene-d12	21.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	93
2	n-Nonadecanol-1	284	C19H40O	001454-84-8	93
3	1-Hexacosanol	382	C26H54O	000506-52-5	91
4	n-Tetracosanol-1	354	C24H50O	000506-51-4	91
5	3-Eicosene, (E)-	280	C20H40	074685-33-9	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041720\
Data File : BG045057.D
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Operator : CG/JU
Sample : L2314-16
Misc :
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Instrument : BNA_G
ClientSampleId : FB-2020-04-15

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

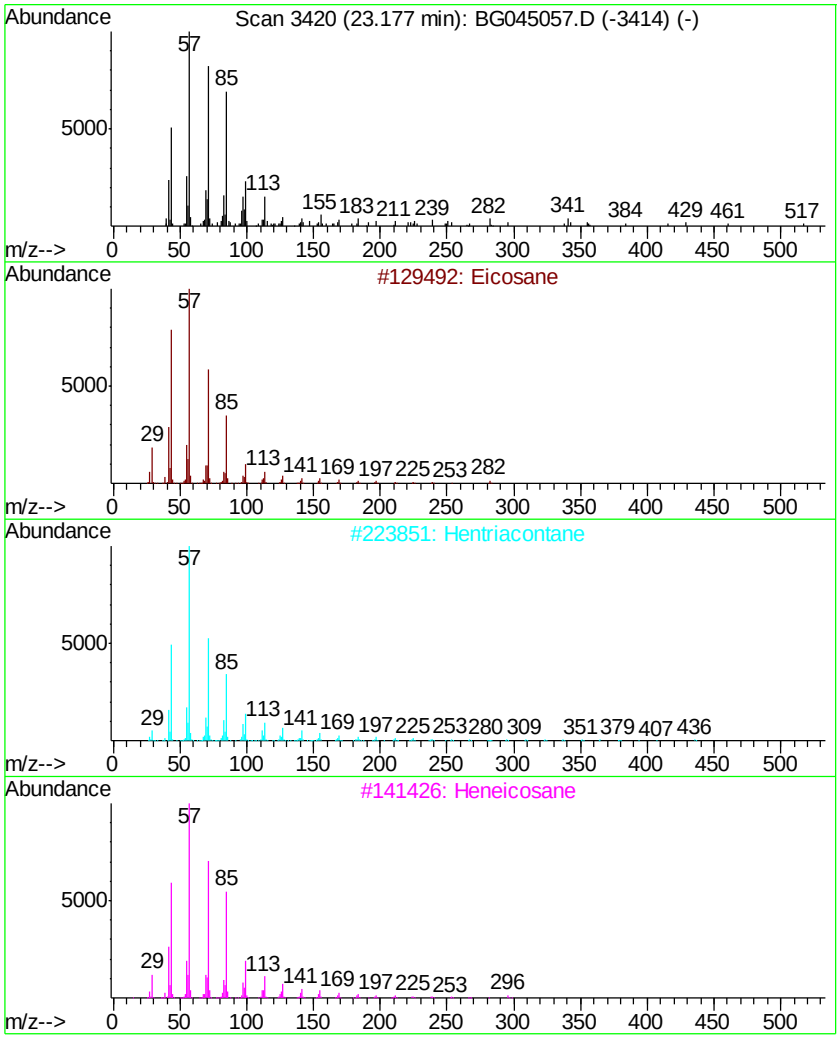
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

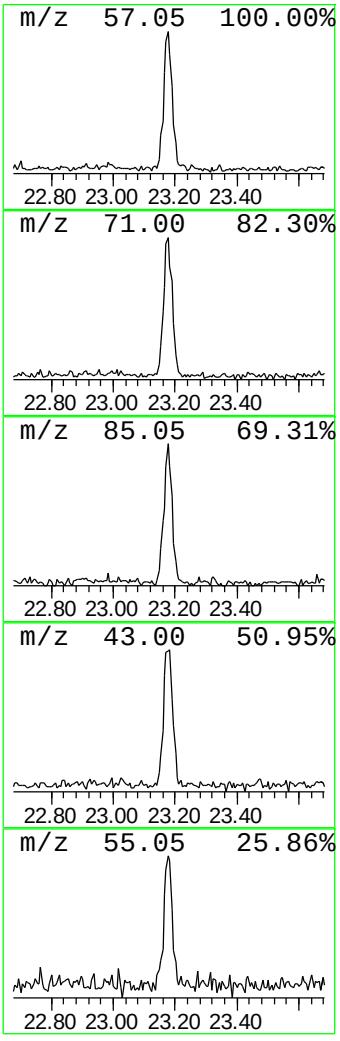
****

Peak Number 6 Eicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.18	2.54 ng	164507	Chrysene-d12	21.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	87
2	Hentriacontane	437	C31H64	000630-04-6	80
3	Heneicosane	296	C21H44	000629-94-7	80
4	Tridecane, 3-methyl-	198	C14H30	006418-41-3	80
5	Tricosane, 2-methyl-	338	C24H50	001928-30-9	74





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041720\
Data File : BG045057.D
Acq On : 18 Apr 2020 8:25
Operator : CG/JU
Sample : L2314-16
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FB-2020-04-15

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

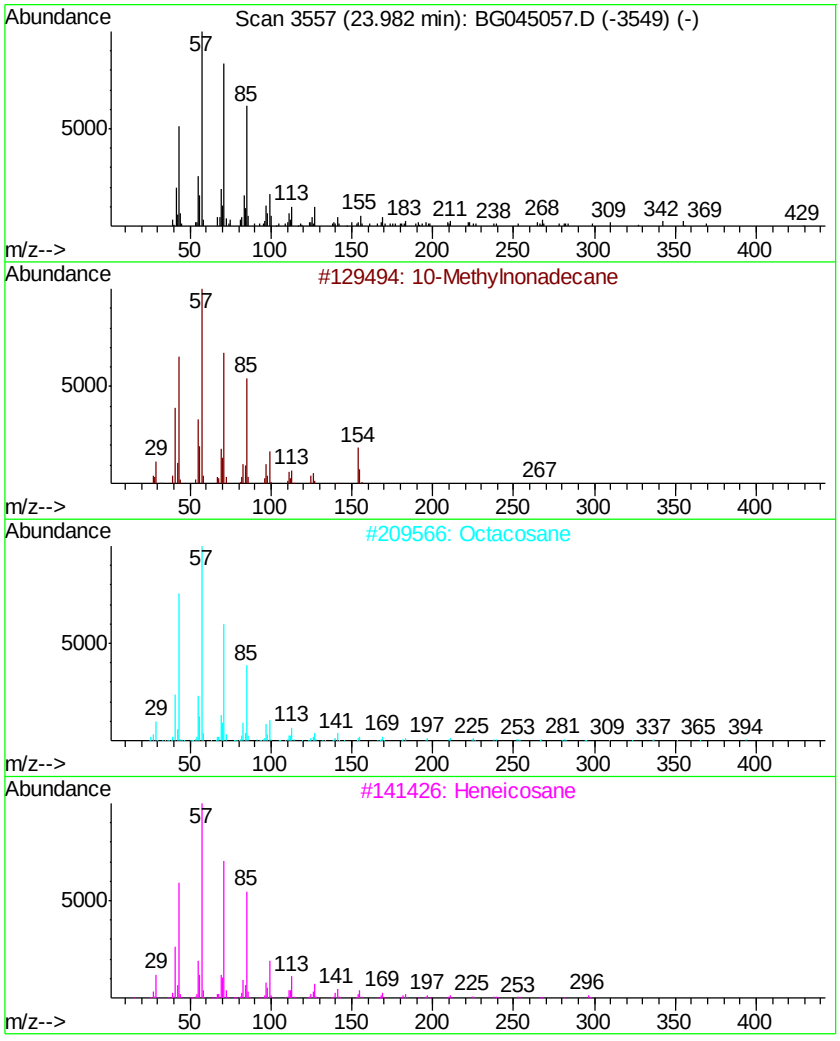
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

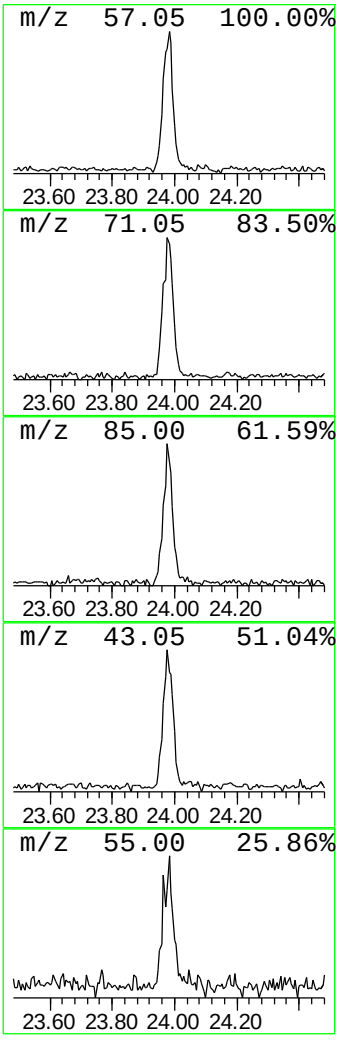
****

Peak Number 7 10-Methylnonadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.98	2.84 ng	188391	Perylene-d12	24.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10-Methylnonadecane	282	C20H42	056862-62-5	83
2	Octacosane	394	C28H58	000630-02-4	83
3	Heneicosane	296	C21H44	000629-94-7	83
4	Tetracosane	338	C24H50	000646-31-1	83
5	Eicosane	282	C20H42	000112-95-8	80





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041720\
Data File : BG045057.D
Acq On : 18 Apr 2020 8:25
Operator : CG/JU
Sample : L2314-16
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FB-2020-04-15

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

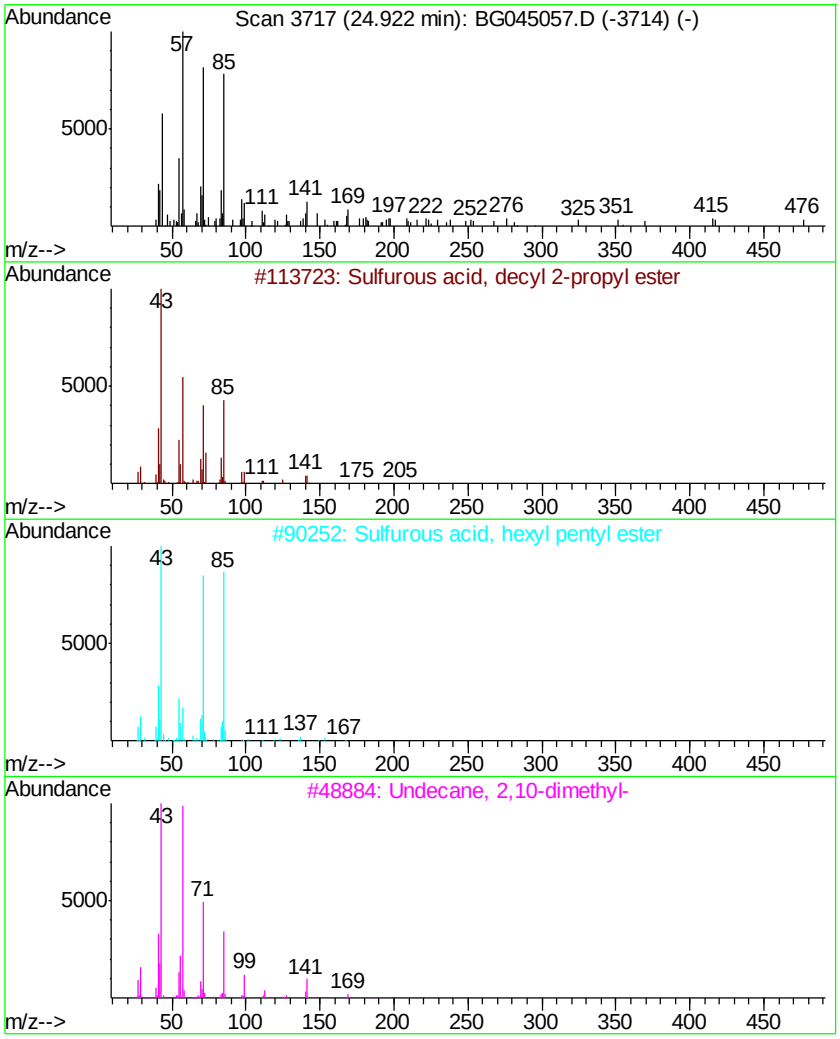
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

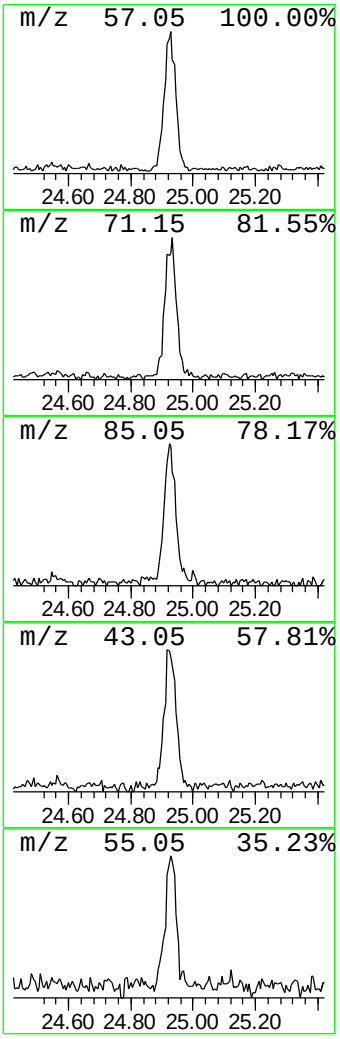
****

Peak Number 8 Sulfurous acid, decyl 2-pro... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.92	2.79 ng	184892	Perylene-d12	24.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, decyl 2-propyl e...	264	C13H28O3S	1000309-12-1	72
2	Sulfurous acid, hexyl pentyl ester	236	C11H24O3S	1000309-14-1	64
3	Undecane, 2,10-dimethyl-	184	C13H28	017301-27-8	64
4	Sulfurous acid, butyl decyl ester	278	C14H30O3S	1000309-17-7	64
5	Decane, 1-iodo-	268	C10H21I	002050-77-3	47





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

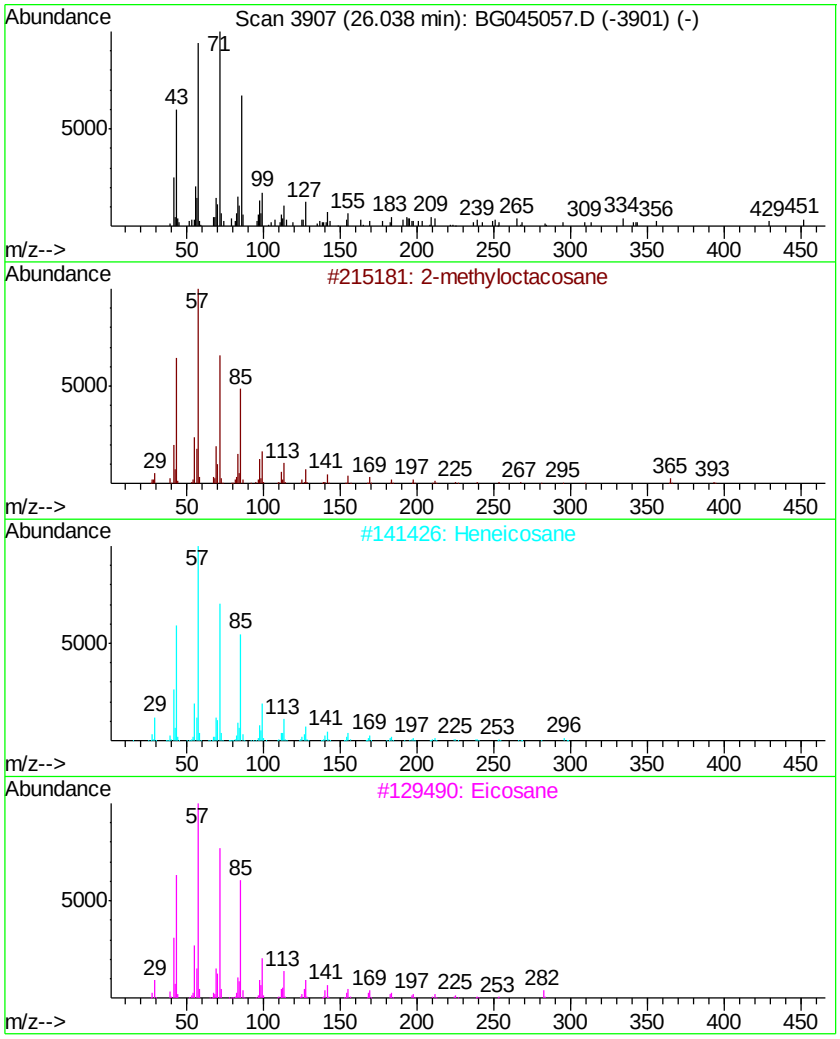
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

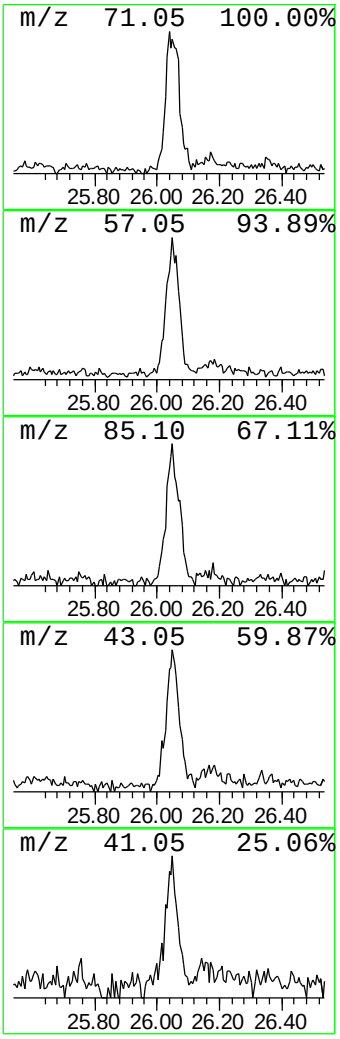
****

Peak Number 9 2-methyloctacosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.04	2.37 ng	156990	Perylene-d12	24.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-methyloctacosane	408	C29H60	1000376-72-8	83
2	Heneicosane	296	C21H44	000629-94-7	83
3	Eicosane	282	C20H42	000112-95-8	83
4	Hexacosane	366	C26H54	000630-01-3	83
5	Nonadecane	268	C19H40	000629-92-5	81





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG041720\
Data File : BG045057.D
Acq On : 18 Apr 2020 8:25
Operator : CG/JU
Sample : L2314-16
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FB-2020-04-15

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...	3.19	13.6	ng	241256	1	8.02	356034	20.0
2-Propanol, 1-(2-...	11.43	3.4	ng	95963	2	10.83	559948	20.0
Dichloroacetic ac...	21.32	4.5	ng	294271	5	21.66	1295710	20.0
Eicosane	23.18	2.5	ng	164507	5	21.66	1295710	20.0
10-Methylnonadecane	23.98	2.8	ng	188391	6	24.85	1325520	20.0
Sulfurous acid, d...	24.92	2.8	ng	184892	6	24.85	1325520	20.0
2-methyloctacosane	26.04	2.4	ng	156990	6	24.85	1325520	20.0