LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032020\
Data File : BG044925.D
Acq On : 20 Mar 2020 18:34
Operator : CG/JU
Sample : L1966-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TEST-PIT-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-BG031020.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	3.147	4	10	19	rBV	147413	340933	6.25%	1.243%
2	3.229	19	24	34	rVB	133192	235268	4.31%	0.858%
3	5.615	423	430	439	rBV	643092	1079096	19.79%	3.935%
4	7.195	692	699	711	rVB	393054	693741	12.72%	2.530%
5	8.047	836	844	851	rBV	268672	494682	9.07%	1.804%
6	8.370	890	899	907	rBV	1157462	2114948	38.78%	7.712%
7	9.199	1031	1040	1049	rBV	979422	1797297	32.95%	6.554%
8	10.850	1313	1321	1329	rBV	371308	676854	12.41%	2.468%
9	13.300	1730	1738	1745	rBV	2447762	4032149	73.93%	14.703%
10	14.123	1872	1878	1883	rBV	135366	194724	3.57%	0.710%
11	14.675	1965	1972	1982	rBV	598379	957623	17.56%	3.492%
12	16.161	2217	2225	2241	rBV	2128464	3361811	61.64%	12.259%
13	17.419	2432	2439	2449	rBV	807220	1229240	22.54%	4.482%
14	18.318	2587	2592	2599	rBV2	47730	69183	1.27%	0.252%
15	20.033	2877	2884	2894	rVB	3802548	5453821	100.00%	19.887%
16	21.344	3102	3107	3116	rBV3	144147	262777	4.82%	0.958%
17	21.684	3158	3165	3174	rVB2	808584	1358527	24.91%	4.954%
18	21.908	3198	3203	3208	rVB2	84200	124694	2.29%	0.455%
19	22.519	3301	3307	3314	rBV2	121461	210316	3.86%	0.767%
20	23.218	3420	3426	3436	rVB2	146162	279669	5.13%	1.020%
21	24.029	3557	3564	3571	rVB2	144463	319959	5.87%	1.167%
22	24.892	3699	3711	3720	rBV2	471083	1363077	24.99%	4.970%
23	24.980	3720	3726	3736	rVB2	119902	318523	5.84%	1.161%
24	26.120	3910	3920	3930	rBV4	86026	255570	4.69%	0.932%
25	26.238	3930	3940	3948	rBV4	16522	54605	1.00%	0.199%
26	27.489	4143	4153	4161	rBV8	41935	144359	2.65%	0.526%

Sum of corrected areas: 27423446

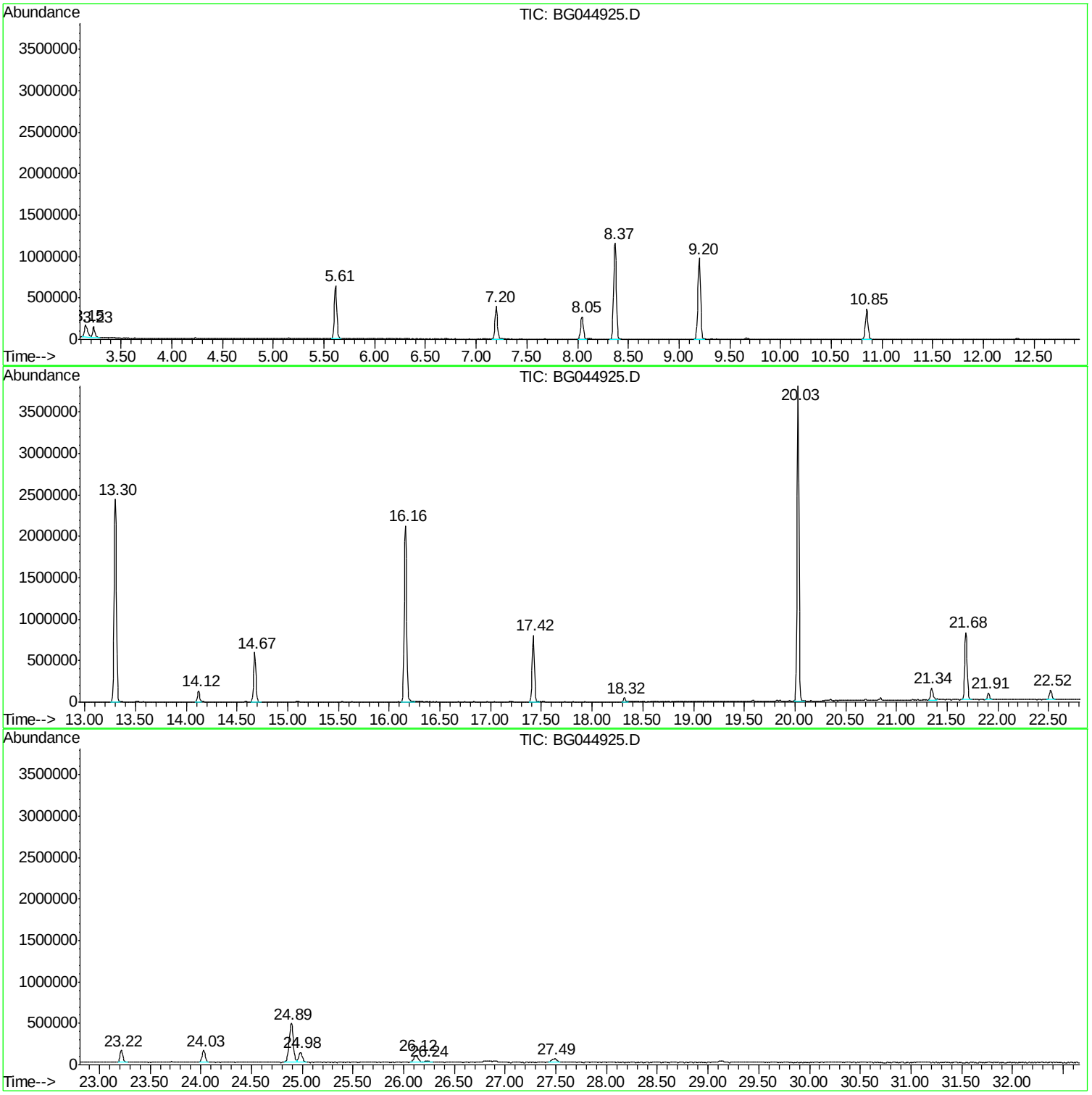
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032020\
Data File : BG044925.D
Acq On : 20 Mar 2020 18:34
Operator : CG/JU
Sample : L1966-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TEST-PIT-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031020.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\BG032020\
Data File : BG044925.D
Acq On : 20 Mar 2020 18:34
Operator : CG/JU
Sample : L1966-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TEST-PIT-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

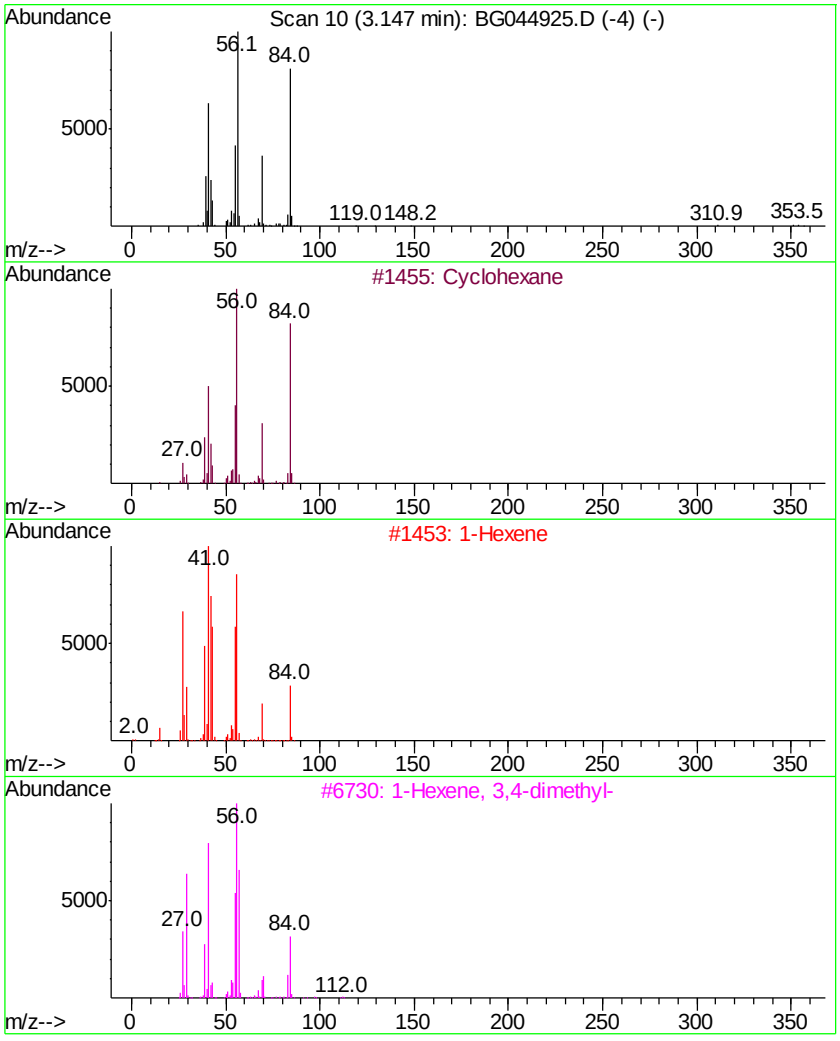
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

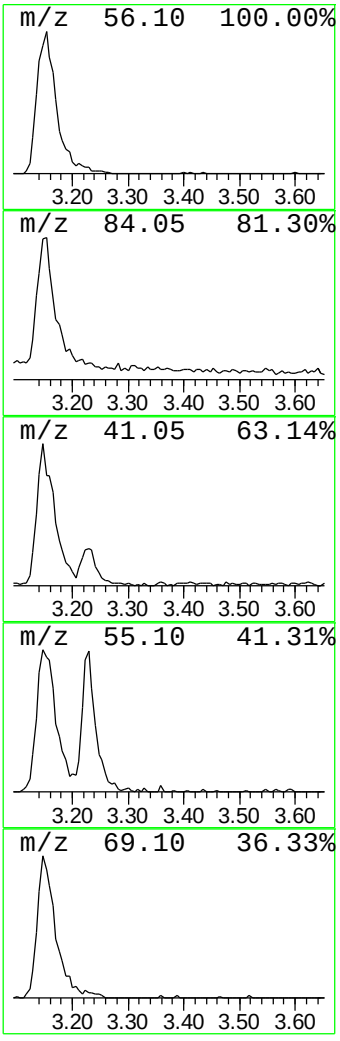
****

Peak Number 1 Cyclohexane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.15	13.78 ng	340933	1,4-Dichlorobenzene-d4	8.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane	84	C6H12	000110-82-7	93
2	1-Hexene	84	C6H12	000592-41-6	72
3	1-Hexene, 3,4-dimethyl-	112	C8H16	016745-94-1	64
4	Cyclopentane, methyl-	84	C6H12	000096-37-7	53
5	2-Amino-oxazole	84	C3H4N2O	004570-45-0	53





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032020\
Data File : BG044925.D
Acq On : 20 Mar 2020 18:34
Operator : CG/JU
Sample : L1966-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TEST-PIT-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

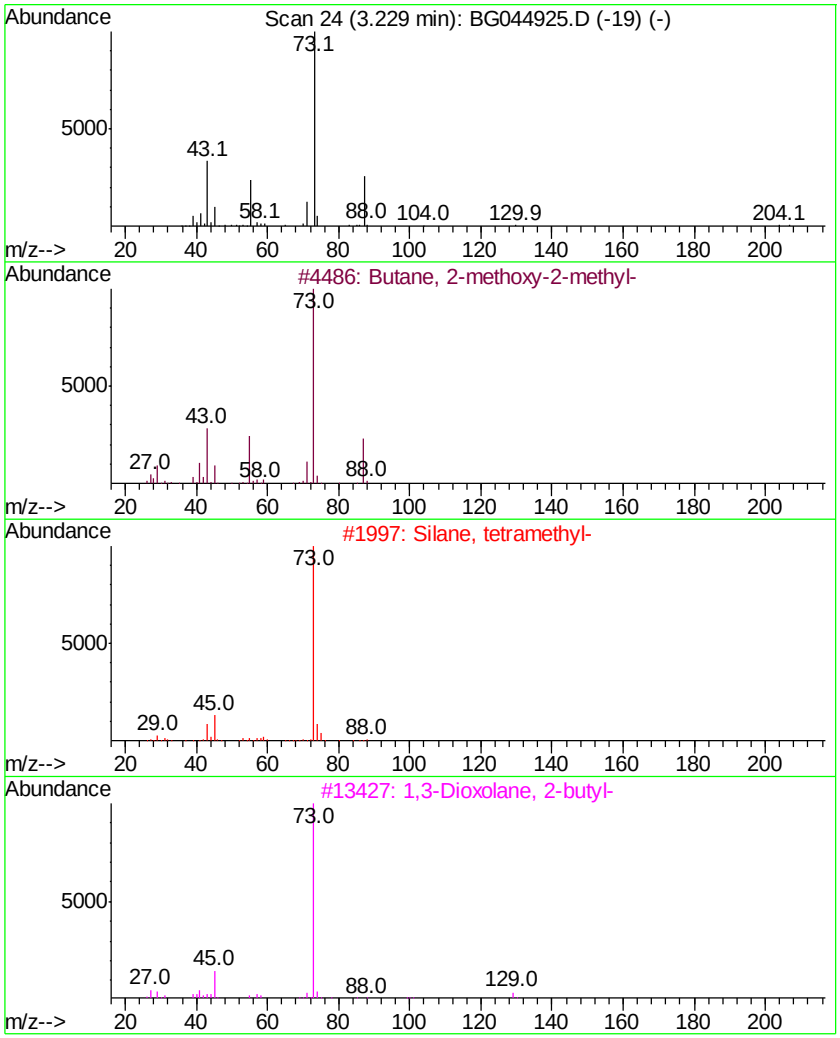
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

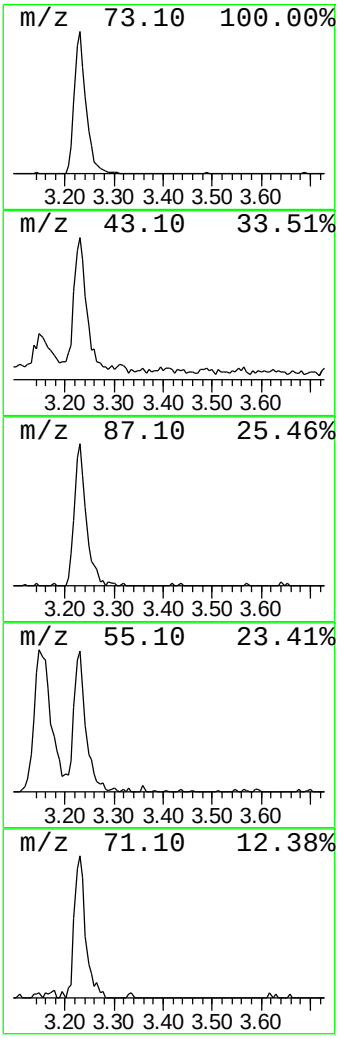
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.23	9.51 ng	235268	1,4-Dichlorobenzene-d4	8.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	59
2	Silane, tetramethyl-	88	C4H12Si	000075-76-3	27
3	1,3-Dioxolane, 2-butyl-	130	C7H14O2	004360-76-3	23
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
5	Silane, trimethyl-3-penten-2-yl-...	142	C8H18Si	053264-56-5	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032020\
Data File : BG044925.D
Acq On : 20 Mar 2020 18:34
Operator : CG/JU
Sample : L1966-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TEST-PIT-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

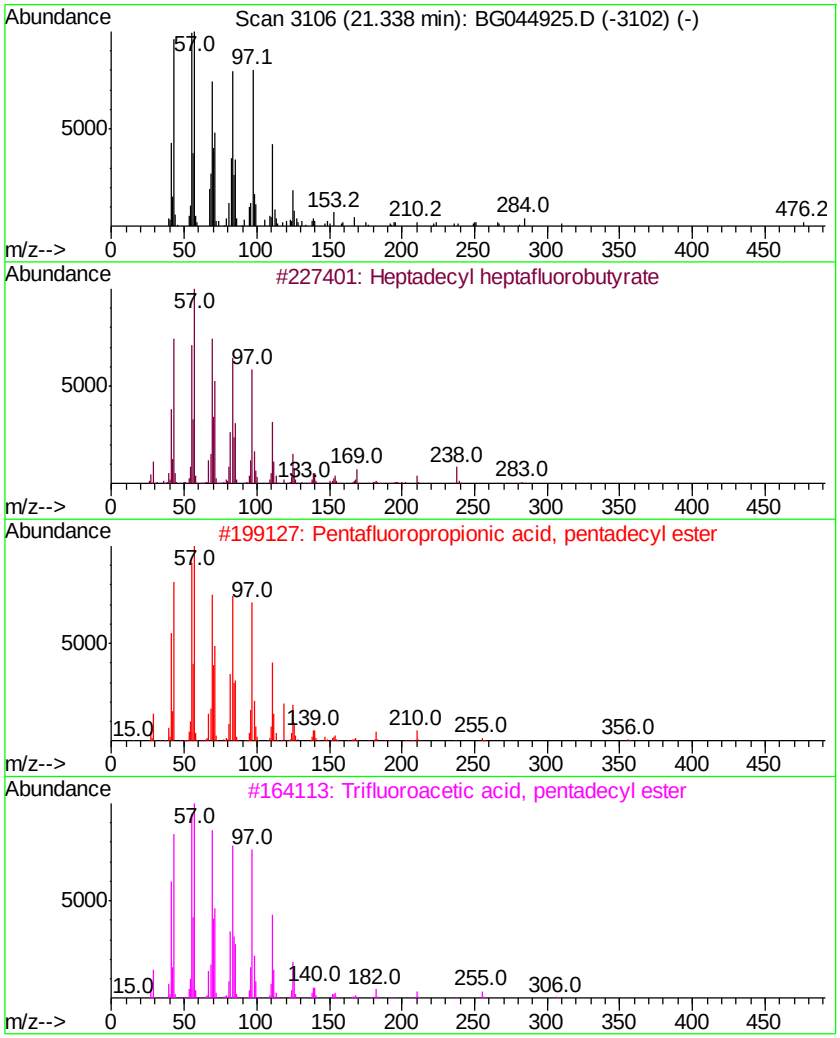
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

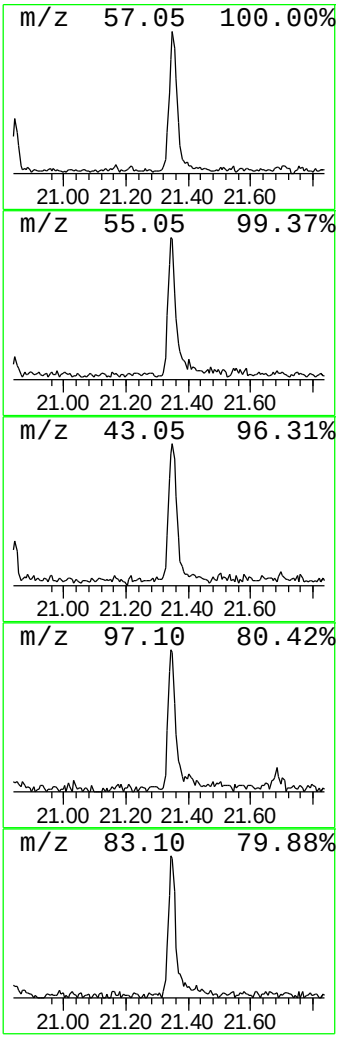
****

Peak Number 4 Heptadecyl heptafluorobutyrate Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.34	3.87 ng	262777	Chrysene-d12	21.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
2	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	93
3	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	93
4	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	93
5	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032020\
Data File : BG044925.D
Acq On : 20 Mar 2020 18:34
Operator : CG/JU
Sample : L1966-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TEST-PIT-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

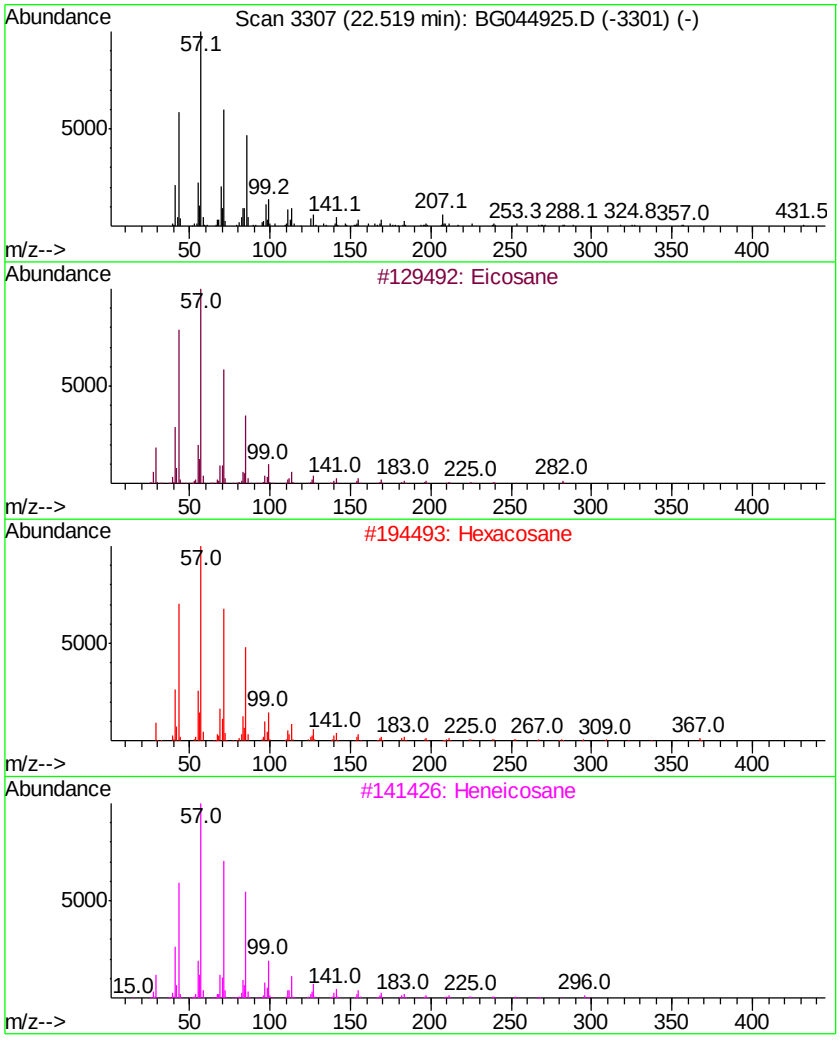
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

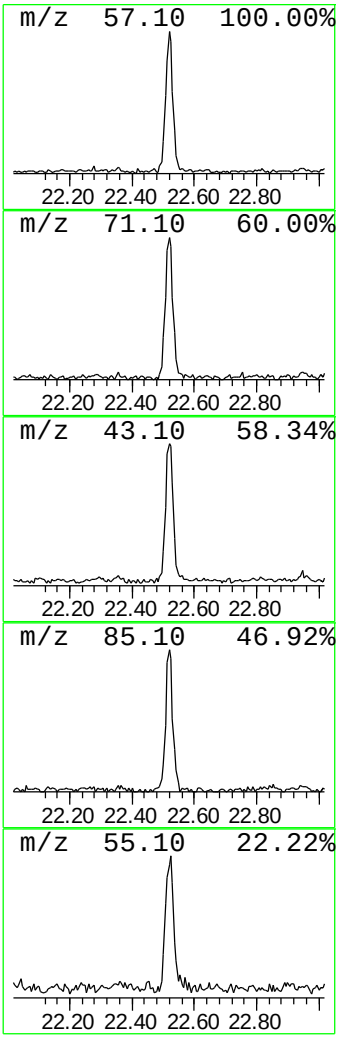
****

Peak Number 5 Eicosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.52	3.10 ng	210316	Chrysene-d12	21.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	94
2	Hexacosane	366	C26H54	000630-01-3	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Octacosane	394	C28H58	000630-02-4	91
5	Tetracosane	338	C24H50	000646-31-1	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032020\
Data File : BG044925.D
Acq On : 20 Mar 2020 18:34
Operator : CG/JU
Sample : L1966-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TEST-PIT-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

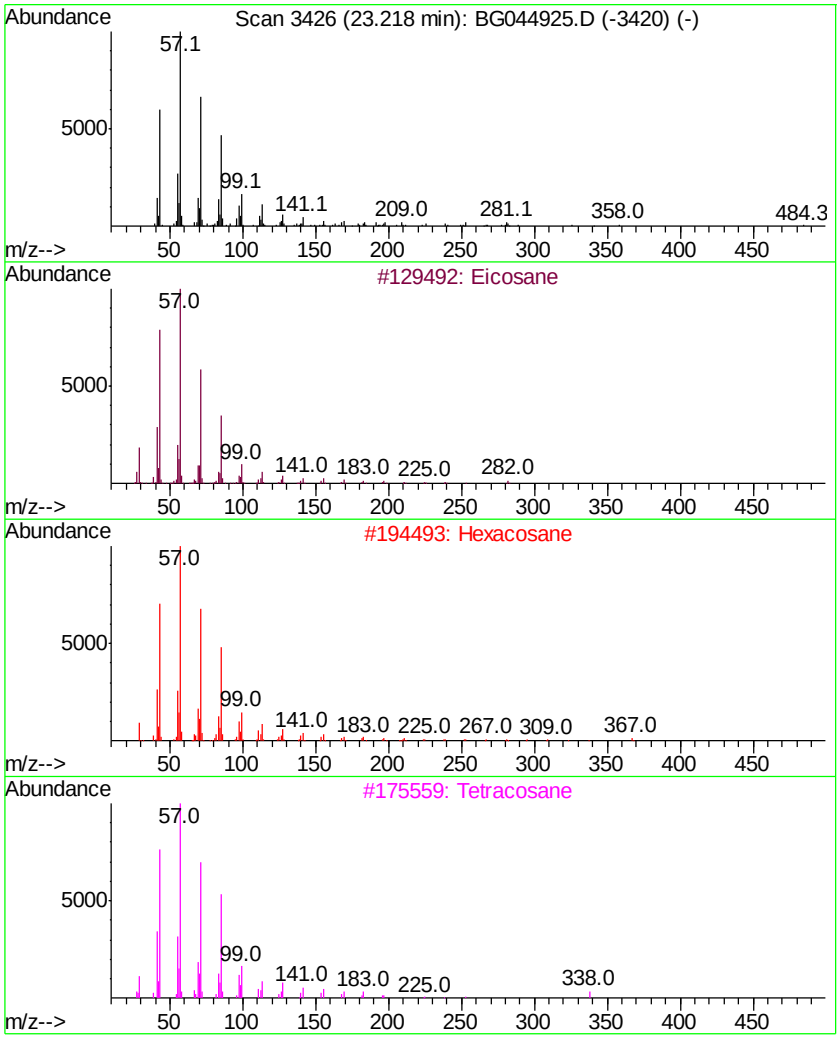
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

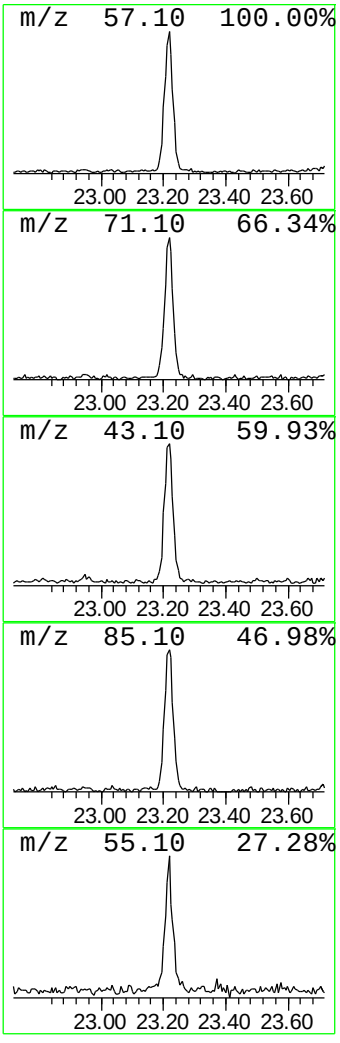
****

Peak Number 6 Hexacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.22	4.12 ng	279669	Chrysene-d12	21.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	92
2	Hexacosane	366	C26H54	000630-01-3	91
3	Tetracosane	338	C24H50	000646-31-1	91
4	Heptacosane	380	C27H56	000593-49-7	91
5	Heneicosane	296	C21H44	000629-94-7	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032020\
Data File : BG044925.D
Acq On : 20 Mar 2020 18:34
Operator : CG/JU
Sample : L1966-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TEST-PIT-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

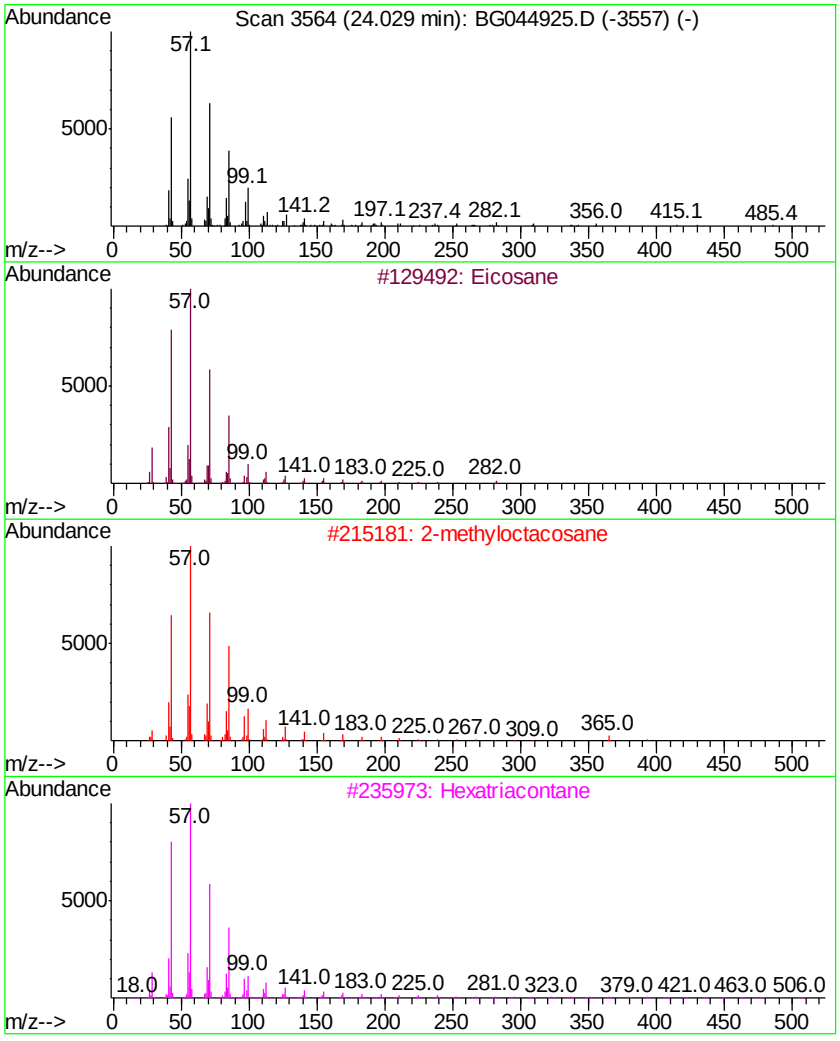
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

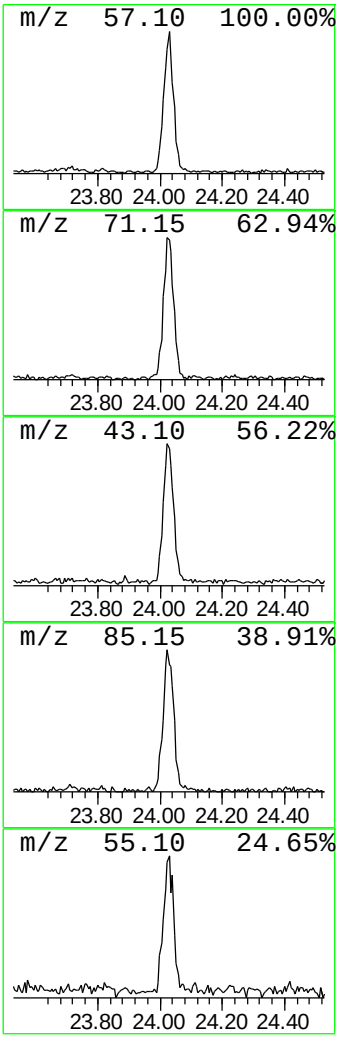
****

Peak Number 7 2-methyloctacosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.03	4.69 ng	319959	Perylene-d12	24.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	90
2	2-methyloctacosane	408	C29H60	1000376-72-8	87
3	Hexatriacontane	507	C36H74	000630-06-8	83
4	Hentriacontane	437	C31H64	000630-04-6	83
5	Octacosane	394	C28H58	000630-02-4	83





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032020\
Data File : BG044925.D
Acq On : 20 Mar 2020 18:34
Operator : CG/JU
Sample : L1966-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TEST-PIT-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

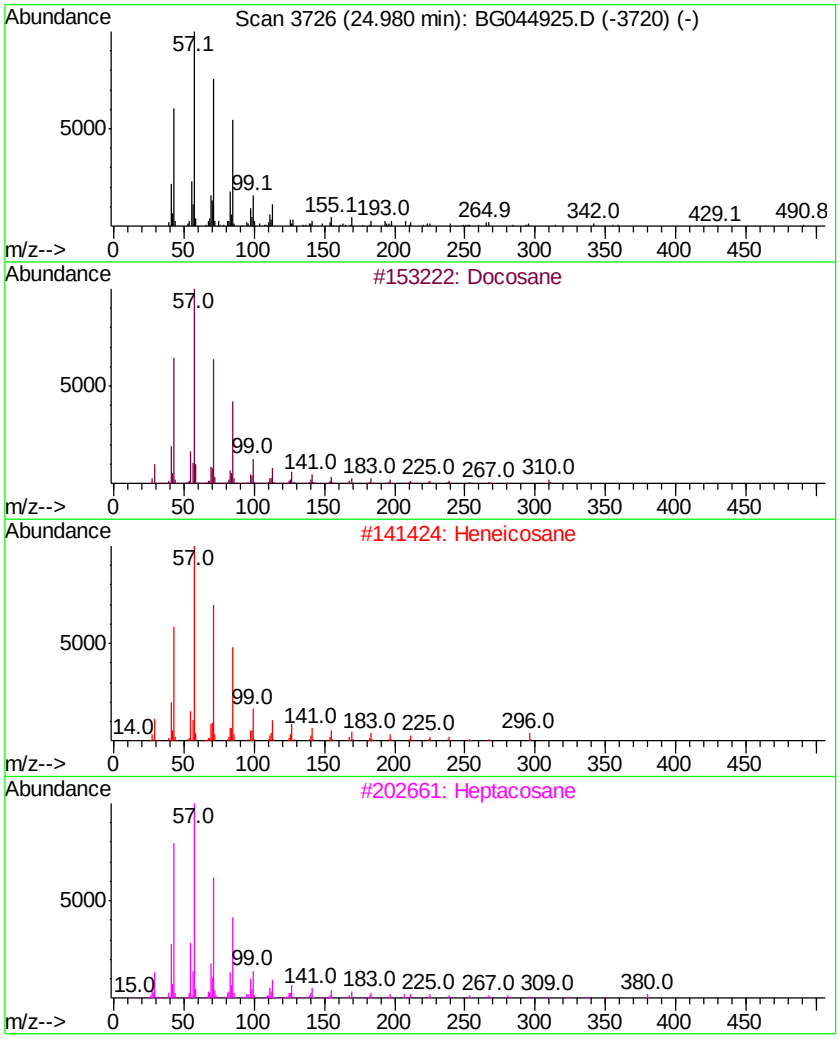
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

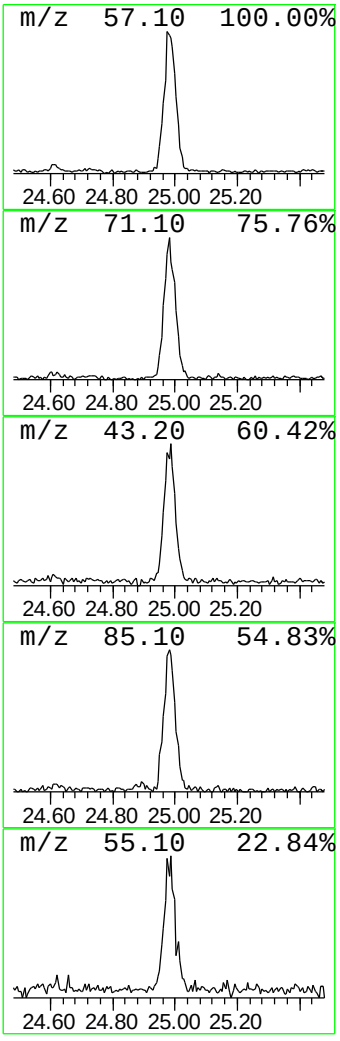
****

Peak Number 8 Docosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.98	4.67 ng	318523	Perylene-d12	24.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane	310	C22H46	000629-97-0	91
2	Heneicosane	296	C21H44	000629-94-7	90
3	Heptacosane	380	C27H56	000593-49-7	90
4	Pentacosane	352	C25H52	000629-99-2	90
5	Hexacosane	366	C26H54	000630-01-3	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032020\
Data File : BG044925.D
Acq On : 20 Mar 2020 18:34
Operator : CG/JU
Sample : L1966-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TEST-PIT-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

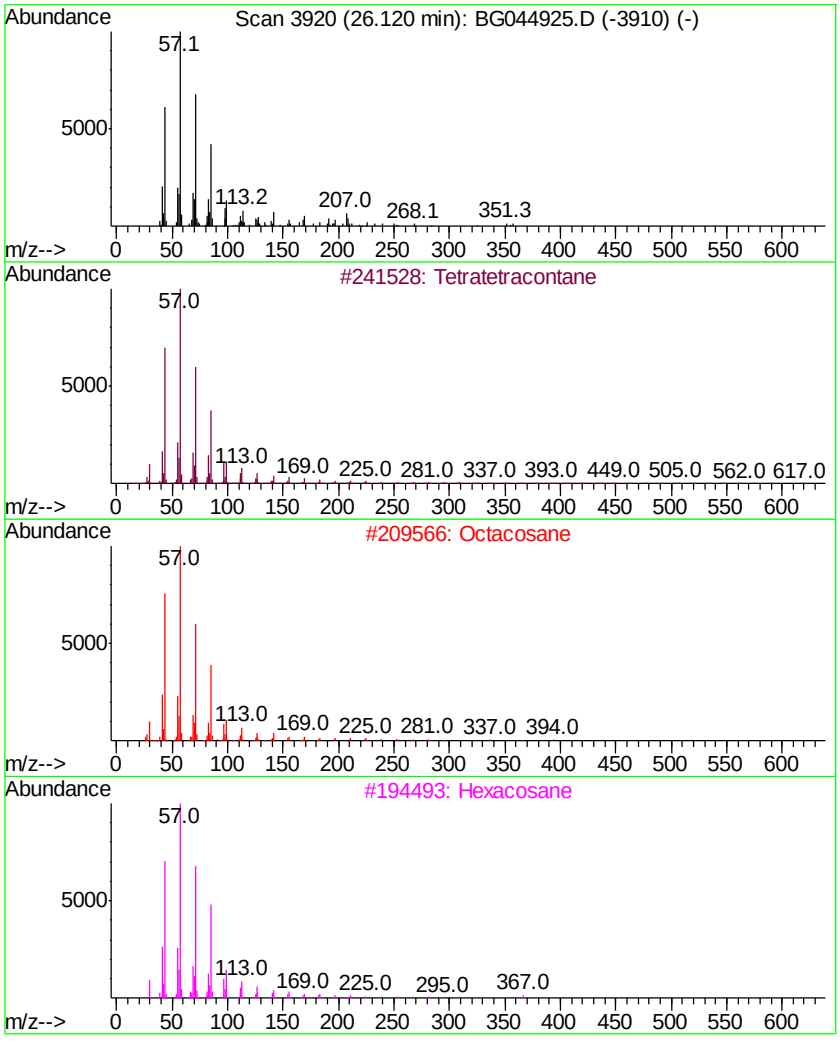
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

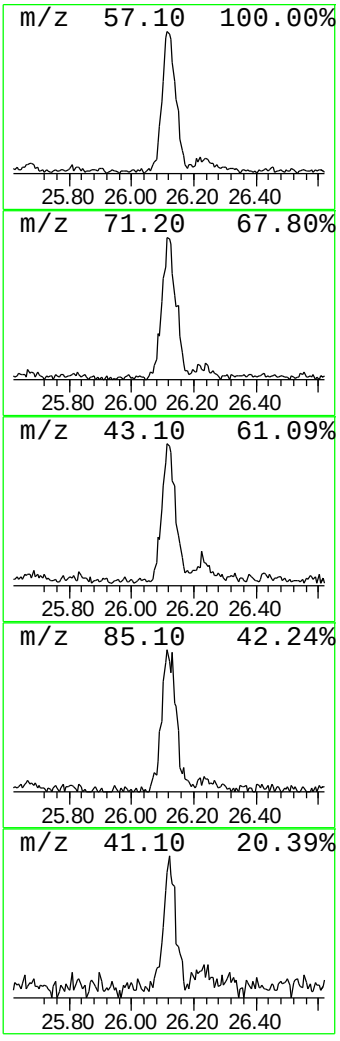
****

Peak Number 9 Tetratetracontane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.12	3.75 ng	255570	Perylene-d12	24.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetratetracontane	619	C44H90	007098-22-8	87
2	Octacosane	394	C28H58	000630-02-4	87
3	Hexacosane	366	C26H54	000630-01-3	87
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	83
5	Nonadecane	268	C19H40	000629-92-5	83





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032020\
Data File : BG044925.D
Acq On : 20 Mar 2020 18:34
Operator : CG/JU
Sample : L1966-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TEST-PIT-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

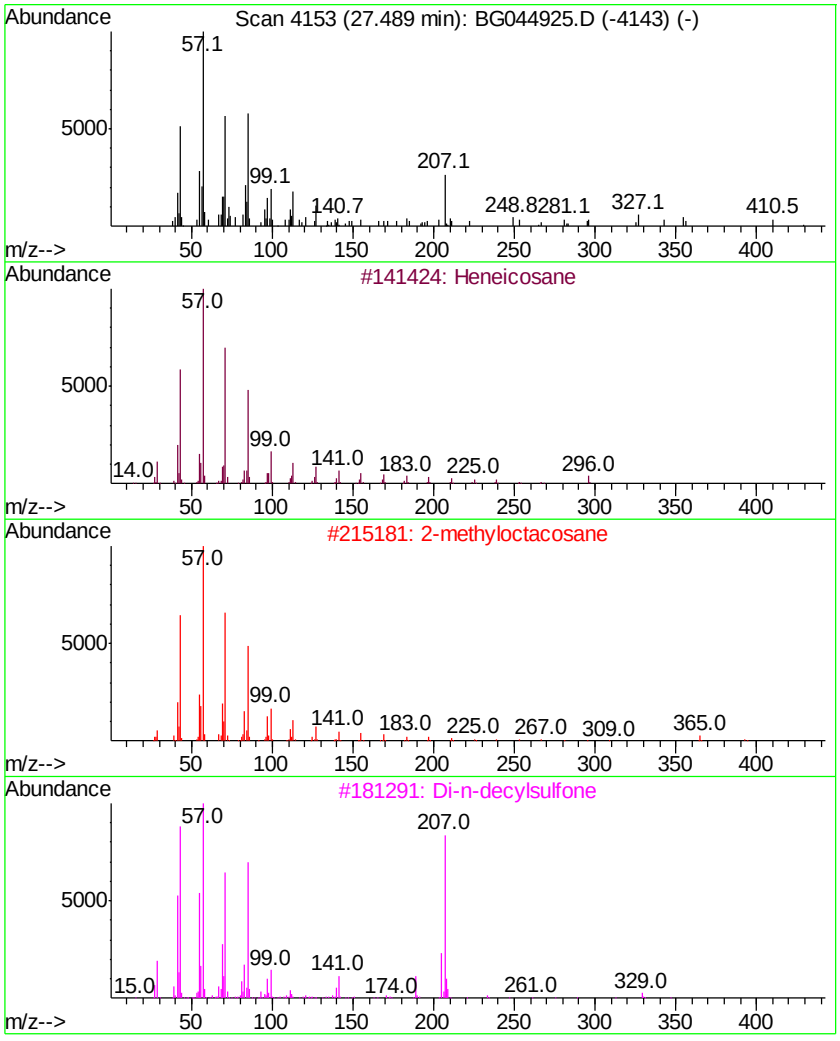
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

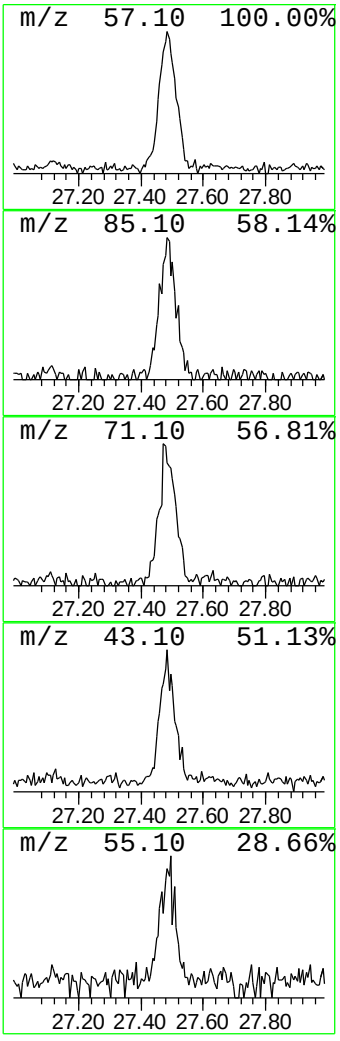
****

Peak Number 10 Heneicosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.49	2.12 ng	144359	Perylene-d12	24.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	86
2	2-methyloctacosane	408	C29H60	1000376-72-8	58
3	Di-n-decylsulfone	346	C20H42O2S	111530-37-1	53
4	Hexacosane	366	C26H54	000630-01-3	52
5	Sulfurous acid, butyl dodecyl ester	306	C16H34O3S	1000309-17-9	52





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032020\
Data File : BG044925.D
Acq On : 20 Mar 2020 18:34
Operator : CG/JU
Sample : L1966-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TEST-PIT-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031020.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	3.15	13.8	ng	340933	1	8.05	494682	20.0
Butane, 2-methoxy...	3.23	9.5	ng	235268	1	8.05	494682	20.0
Heptadecyl heptaf...	21.34	3.9	ng	262777	5	21.68	1358530	20.0
Eicosane	22.52	3.1	ng	210316	5	21.68	1358530	20.0
Hexacosane	23.22	4.1	ng	279669	5	21.68	1358530	20.0
2-methyloctacosane	24.03	4.7	ng	319959	6	24.89	1363080	20.0
Docosane	24.98	4.7	ng	318523	6	24.89	1363080	20.0
Tetratetracontane	26.12	3.8	ng	255570	6	24.89	1363080	20.0
Heneicosane	27.49	2.1	ng	144359	6	24.89	1363080	20.0