LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032019\
Data File : BG040052.D
Acq On : 21 Mar 2019 1:46
Operator : JU/SJ
Sample : K1941-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : T-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-BG030419.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	3.199	14	19	27	rBV	180304	320776	9.87%	1.855%
2	3.269	27	31	43	rVB	382349	543747	16.74%	3.145%
3	5.690	436	443	452	rVB	340204	559605	17.23%	3.237%
4	7.288	708	715	725	rBV	232419	393647	12.12%	2.277%
5	7.669	773	780	786	rBV	706208	1235142	38.02%	7.144%
6	7.710	786	787	798	rVB2	55164	71737	2.21%	0.415%
7	8.145	851	861	870	rBV	151920	259196	7.98%	1.499%
8	8.468	907	916	924	rVB	626281	1121026	34.51%	6.484%
9	9.320	1051	1061	1072	rBV	588491	1048551	32.28%	6.065%
10	10.965	1332	1341	1349	rBV	217220	393974	12.13%	2.279%
11	13.391	1746	1754	1762	rBV	1678506	2588734	79.69%	14.974%
12	14.766	1982	1988	1996	rBV2	356845	593993	18.28%	3.436%
13	16.258	2234	2242	2251	rBV	1288580	1984231	61.08%	11.477%
14	17.515	2449	2456	2464	rBV	460329	716353	22.05%	4.144%
15	18.361	2596	2600	2608	rBV8	25642	47782	1.47%	0.276%
16	20.105	2891	2897	2905	rVB	2418935	3248662	100.00%	18.791%
17	21.797	3179	3185	3193	rVB	442454	750592	23.10%	4.342%
18	21.938	3205	3209	3216	rVB2	25639	38014	1.17%	0.220%
19	22.561	3311	3315	3320	rVB2	53615	81146	2.50%	0.469%
20	23.272	3430	3436	3443	rBV	72161	141790	4.36%	0.820%
21	24.106	3571	3578	3589	rVB	65470	147136	4.53%	0.851%
22	25.087	3738	3745	3748	rBV4	50177	120336	3.70%	0.696%
23	25.157	3748	3757	3770	rVB3	249389	752714	23.17%	4.354%
24	26.250	3936	3943	3953	rVB3	31957	95725	2.95%	0.554%
25	27.666	4179	4184	4191	rVB9	14438	33421	1.03%	0.193%

Sum of corrected areas: 17288030

LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032019\
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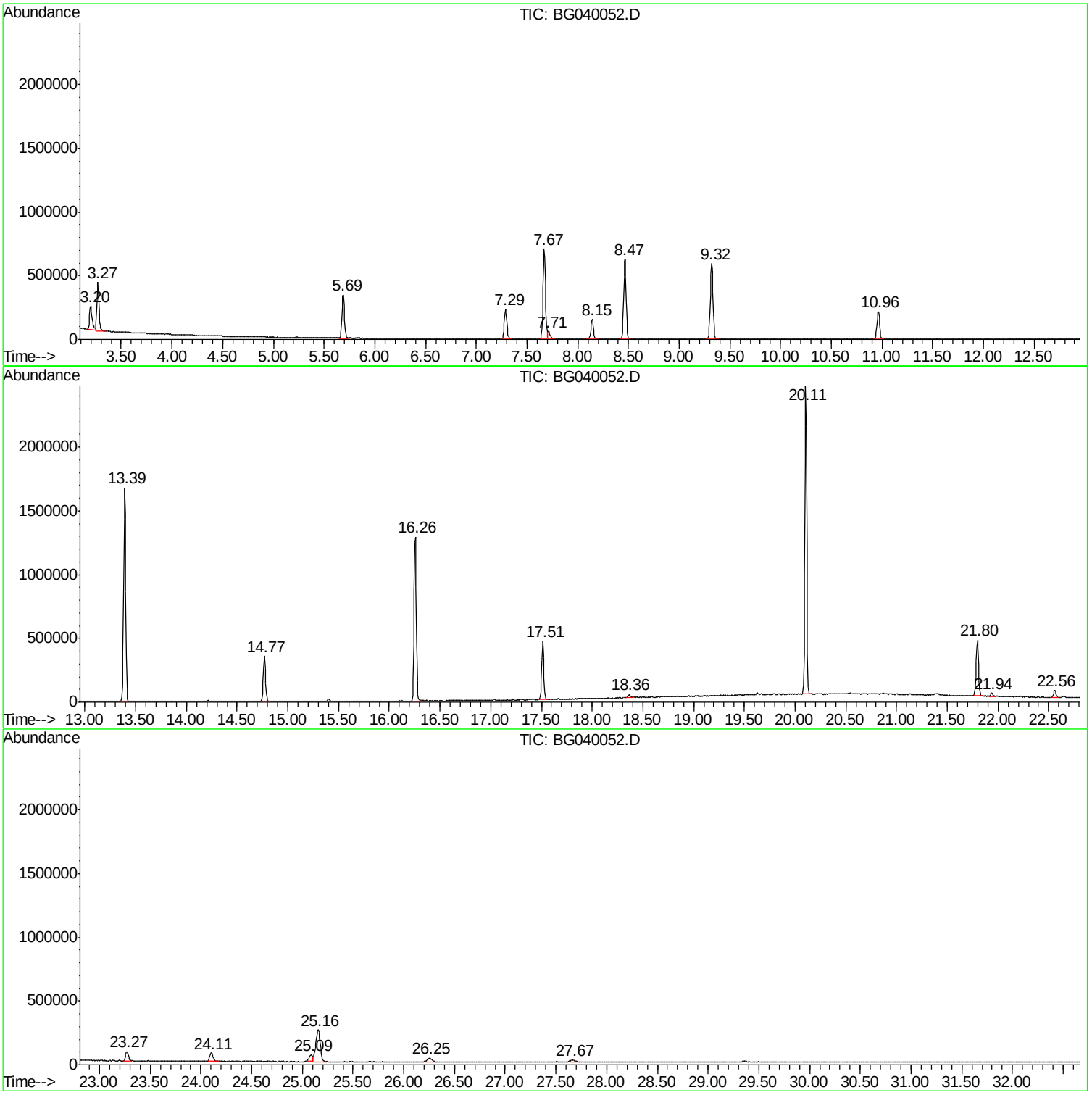
Operator : JU/SJ
Sample : K1941-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : T-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG030419.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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Data File : BG040052.D
Acq On : 21 Mar 2019 1:46
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Instrument : BNA_G
ClientSampleId : T-1

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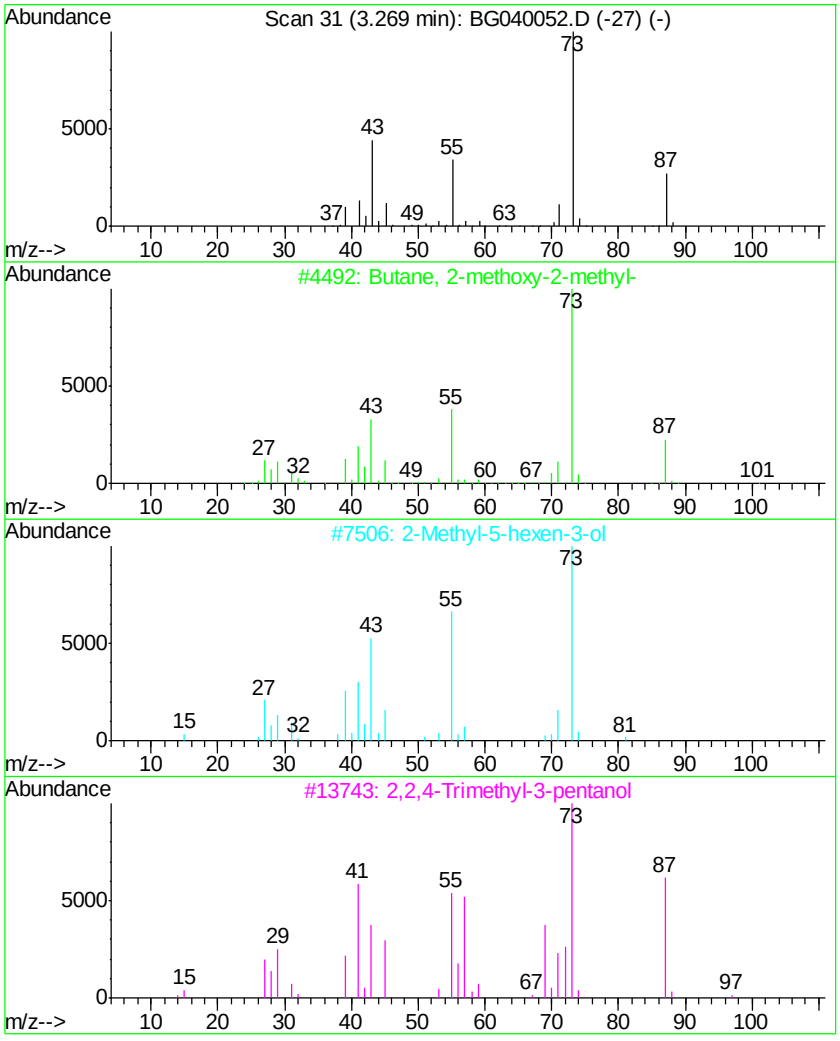
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

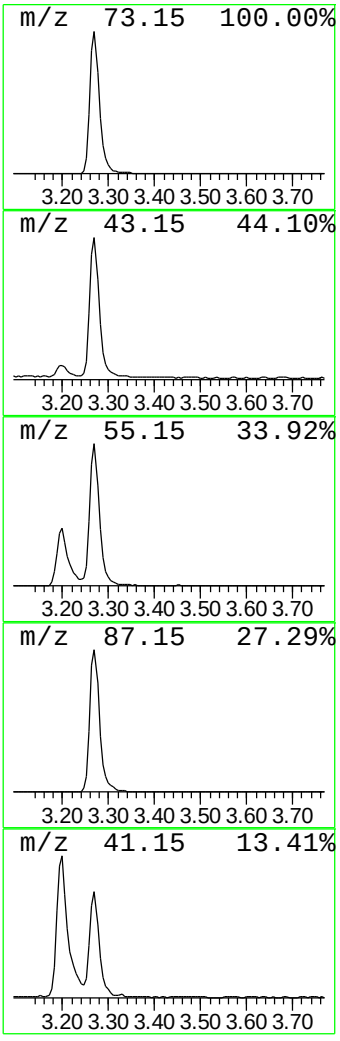
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.27	41.96 ng	543747	1,4-Dichlorobenzene-d4	8.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	47
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	43
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	32
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	22





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Operator : JU/SJ
Sample : K1941-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : T-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG030419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

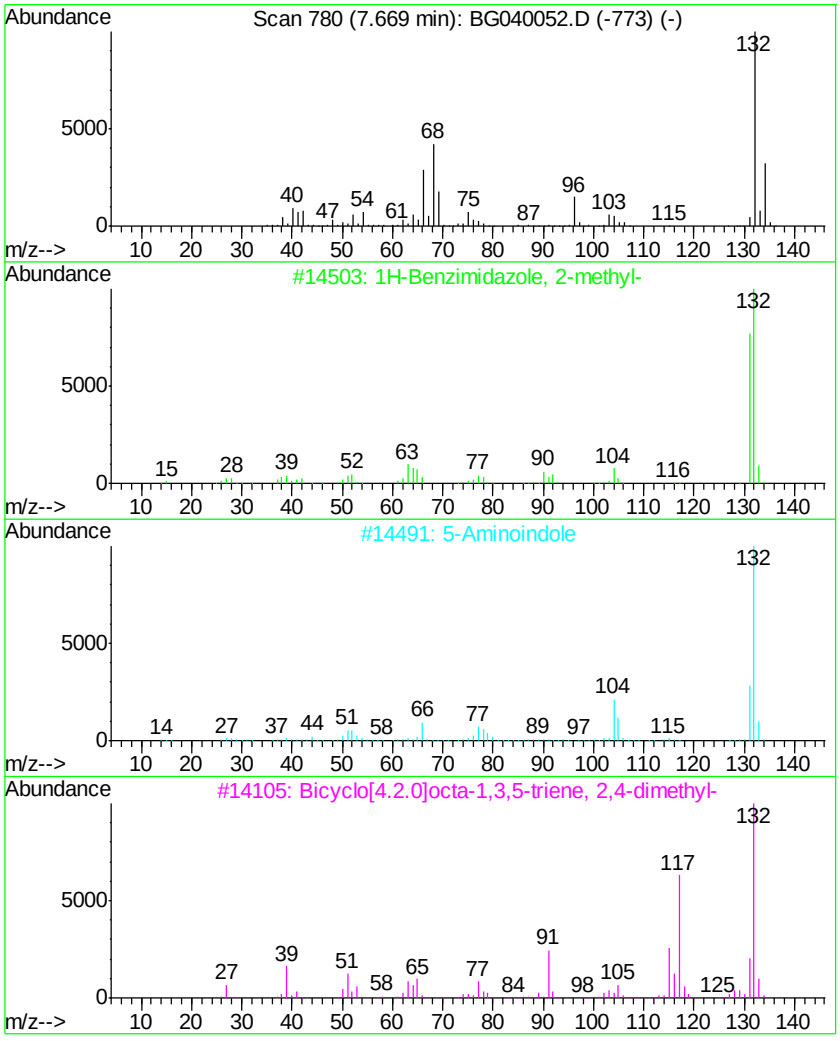
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

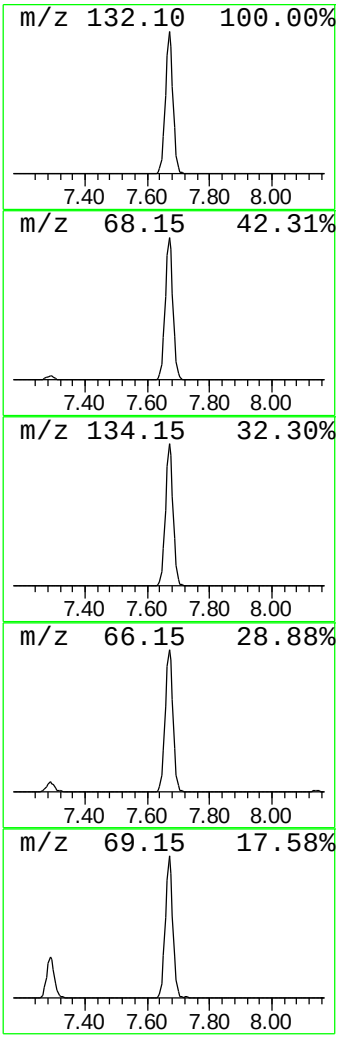
****

Peak Number 3 unknown7.67 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.67	95.31 ng	1235140	1,4-Dichlorobenzene-d4	8.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
2	5-Aminoindole	132	C8H8N2	005192-03-0	22
3	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4	Xenon	132	Xe	007440-63-3	9
5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9





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Sample : K1941-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : T-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG030419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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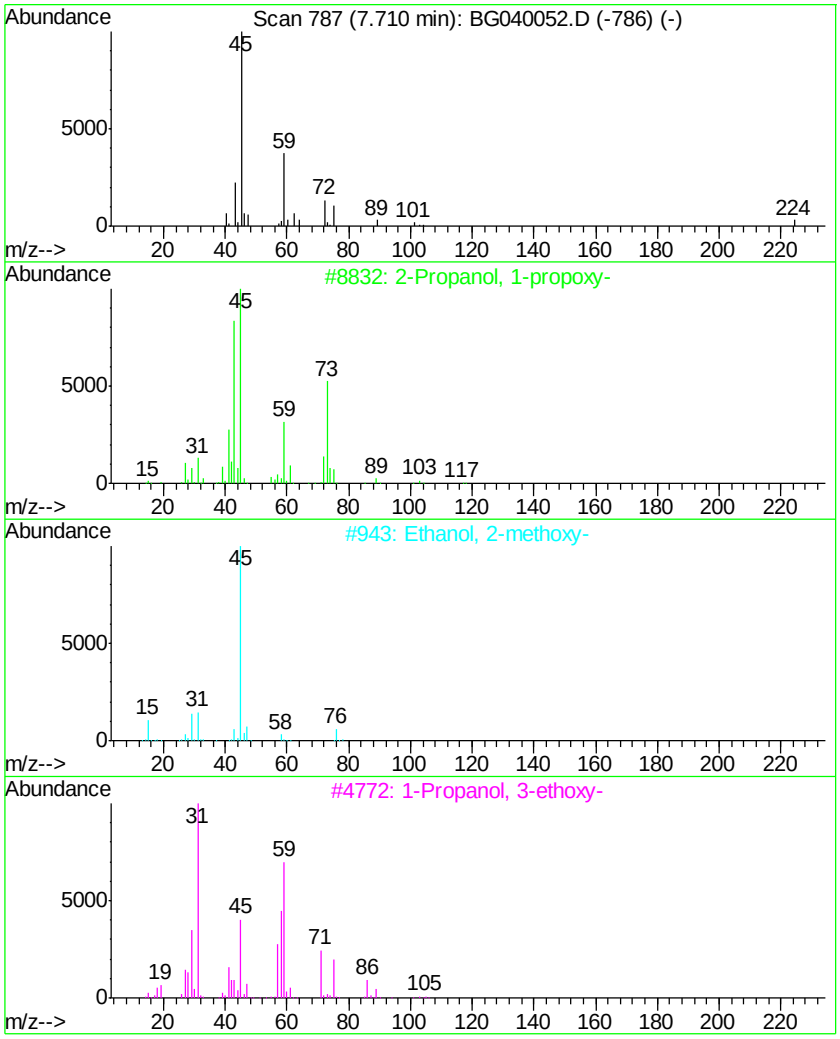
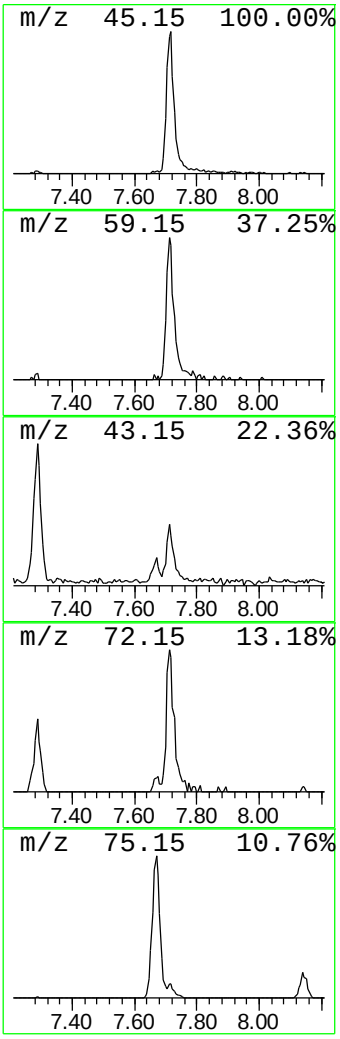
Peak Number 4 unknown7.71 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.71	5.54 ng	71737	1,4-Dichlorobenzene-d4	8.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-propoxy-	118	C6H14O2	001569-01-3	40
2	Ethanol, 2-methoxy-	76	C3H8O2	000109-86-4	9
3	1-Propanol, 3-ethoxy-	104	C5H12O2	000111-35-3	9
4	DL-Glyceraldehyde, dimethyl ether	118	C5H10O3	1000332-93-3	9
5	Acetic acid, hydroxy-, ethyl ester	104	C4H8O3	000623-50-7	9





Library Search Compound Report

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Operator : JU/SJ
Sample : K1941-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : T-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG030419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

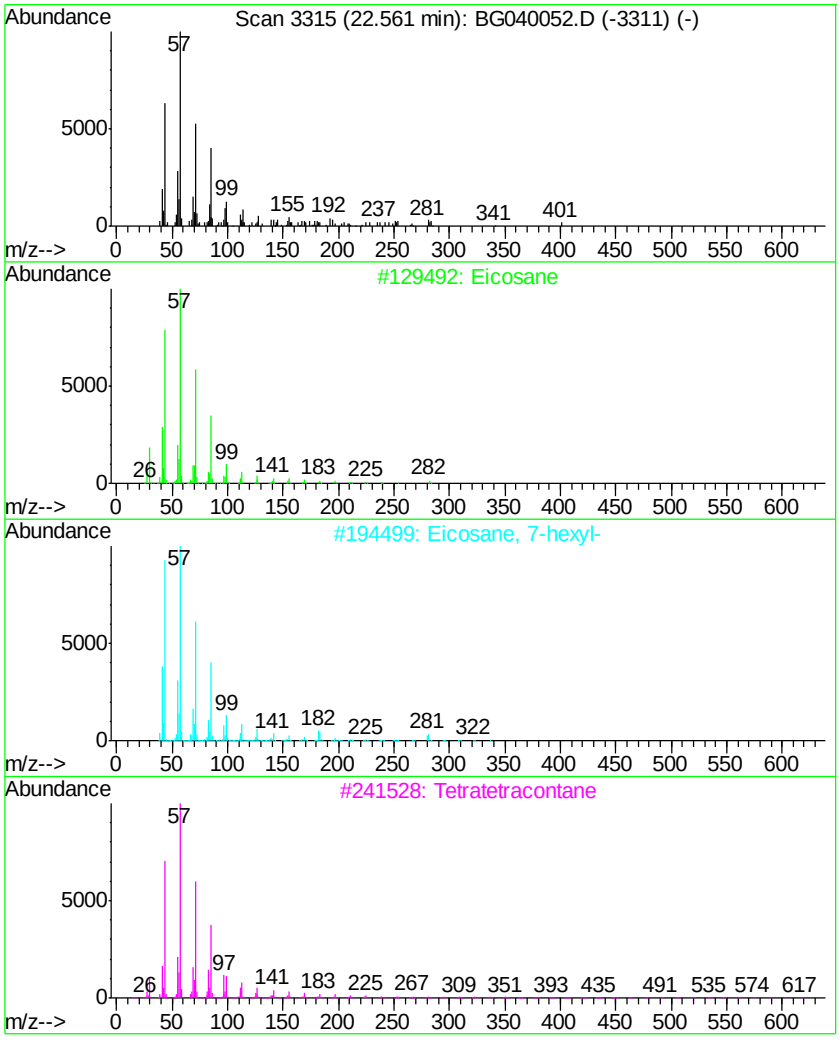
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

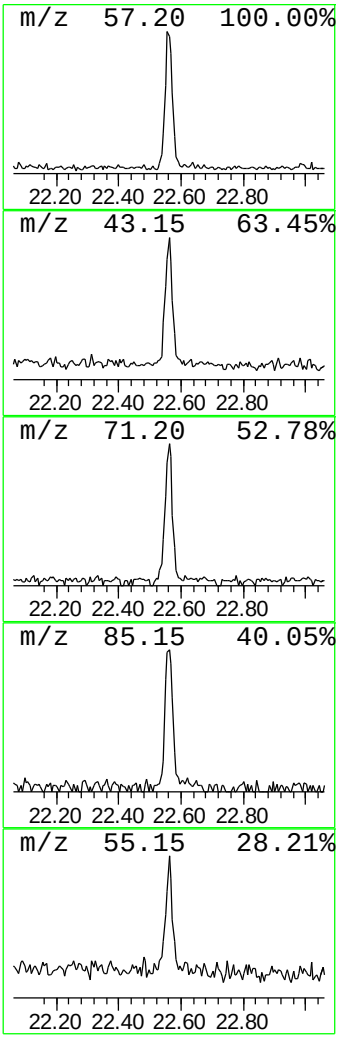
****

Peak Number 6 Eicosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.56	2.16 ng	81146	Chrysene-d12	21.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	96
2	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	87
3	Tetratetracontane	619	C44H90	007098-22-8	83
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	83
5	Hentriacontane	437	C31H64	000630-04-6	83





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Sample : K1941-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : T-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG030419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

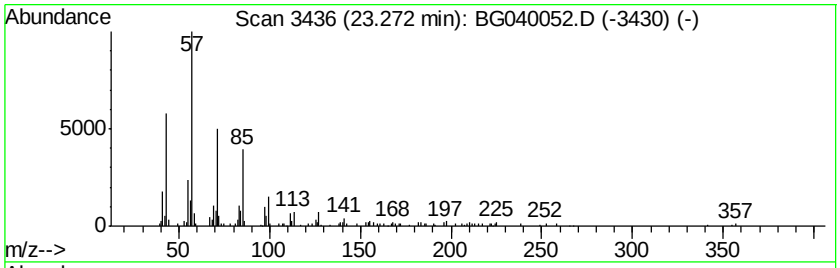
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

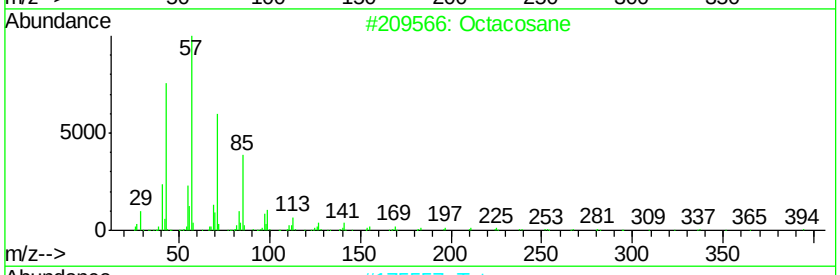
****

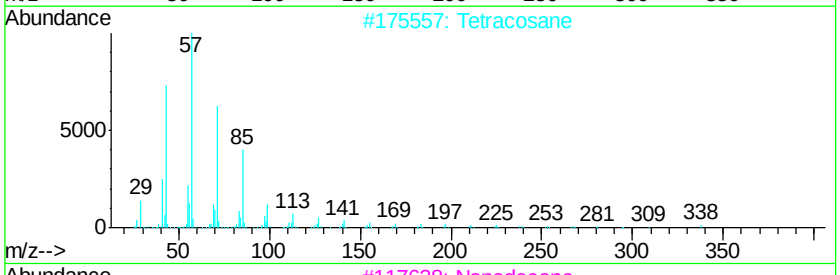
Peak Number 7 Octacosane Concentration Rank 7

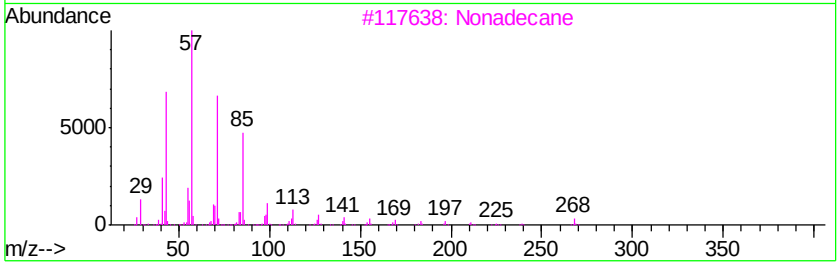
R.T.	EstConc	Area	Relative to ISTD	R.T.
23.27	3.78 ng	141790	Chrysene-d12	21.80

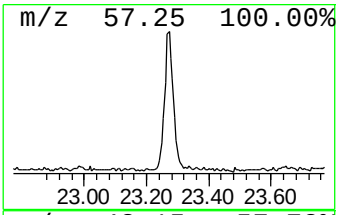
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	90
2	Tetracosane	338	C24H50	000646-31-1	90
3	Nonadecane	268	C19H40	000629-92-5	83
4	Heneicosane	296	C21H44	000629-94-7	83
5	Heptadecane	240	C17H36	000629-78-7	80

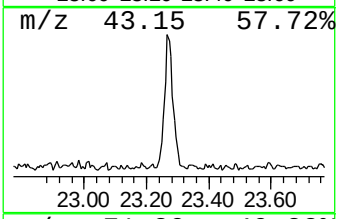


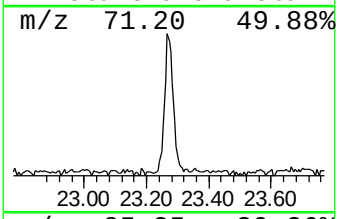


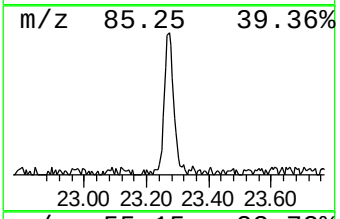


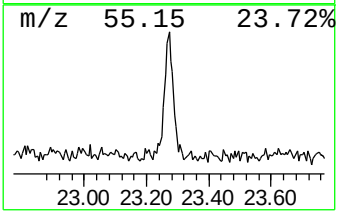












Library Search Compound Report

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Misc :
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ClientSampleId : T-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG030419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

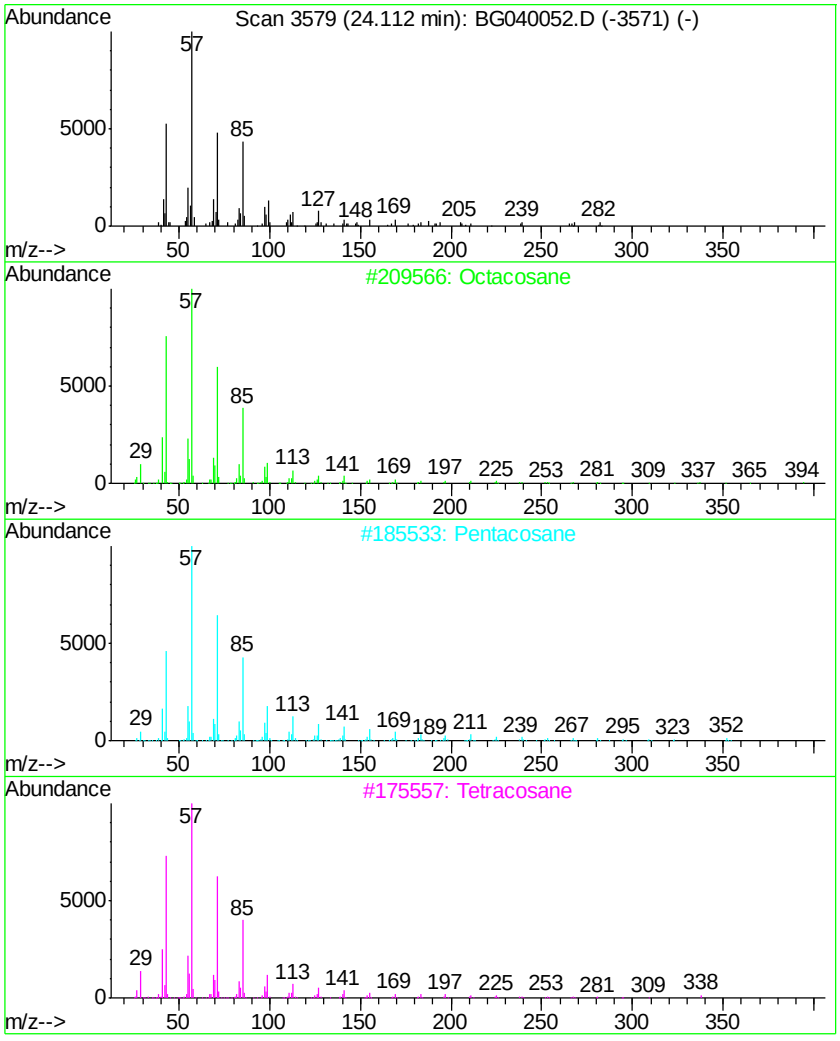
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

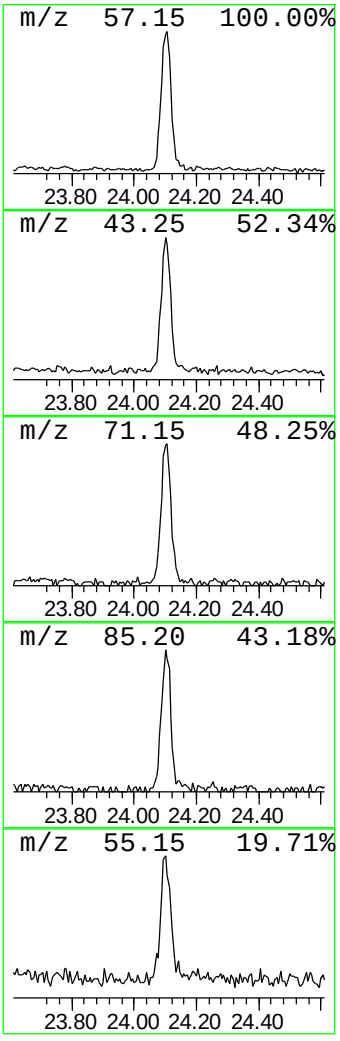
****

Peak Number 8 Pentacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.11	3.91 ng	147136	Perylene-d12	25.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	90
2	Pentacosane	352	C25H52	000629-99-2	87
3	Tetracosane	338	C24H50	000646-31-1	87
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	86
5	Eicosane	282	C20H42	000112-95-8	86





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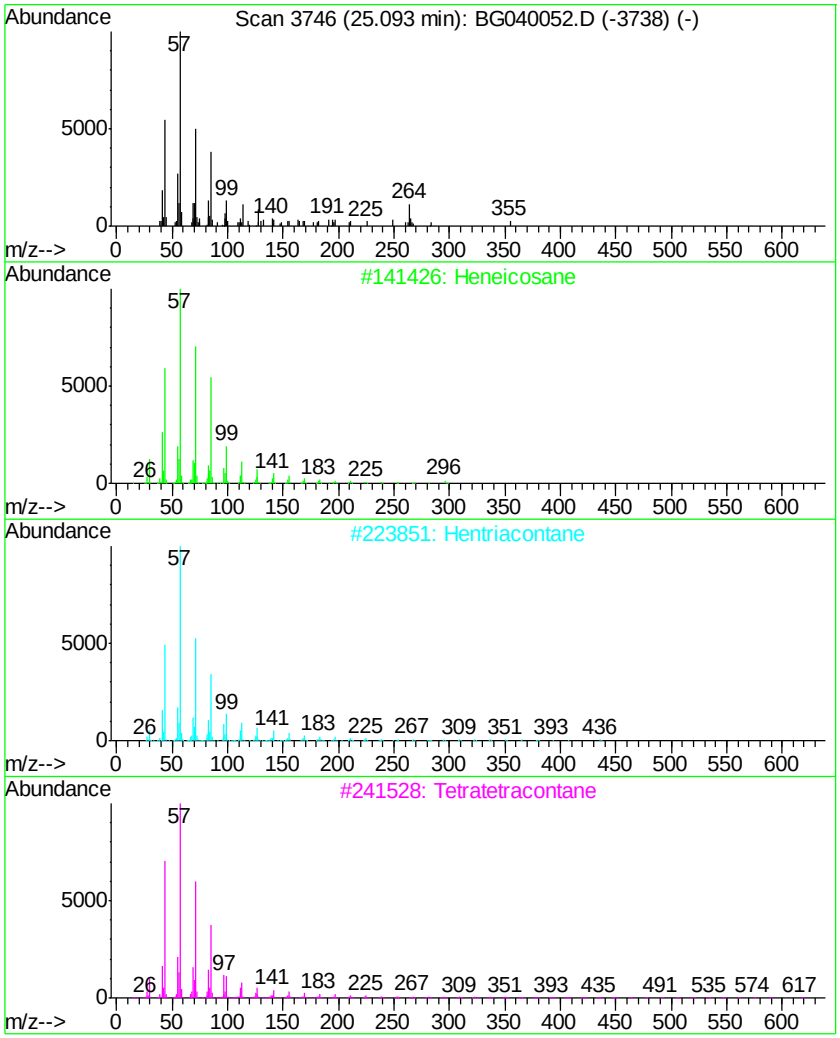
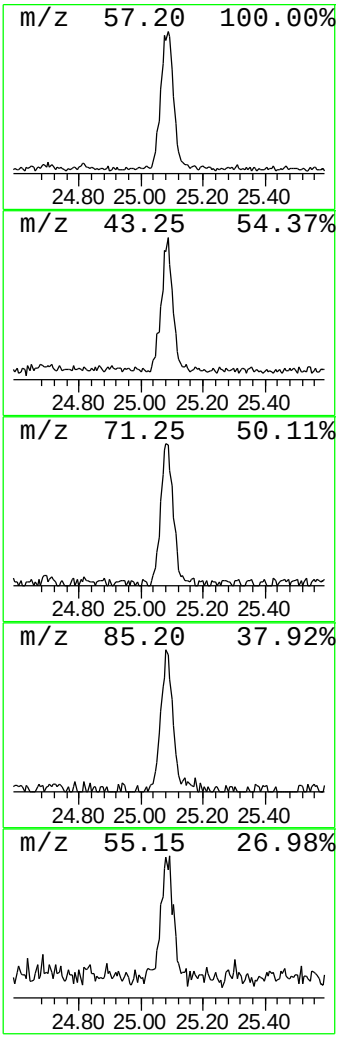
****

Peak Number 9 Heneicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.09	3.20 ng	120336	Perylene-d12	25.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	90
2	Hentriacontane	437	C31H64	000630-04-6	90
3	Tetratetracontane	619	C44H90	007098-22-8	90
4	Octacosane	394	C28H58	000630-02-4	90
5	Tetracosane	338	C24H50	000646-31-1	90





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Instrument : BNA_G
ClientSampleId : T-1

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

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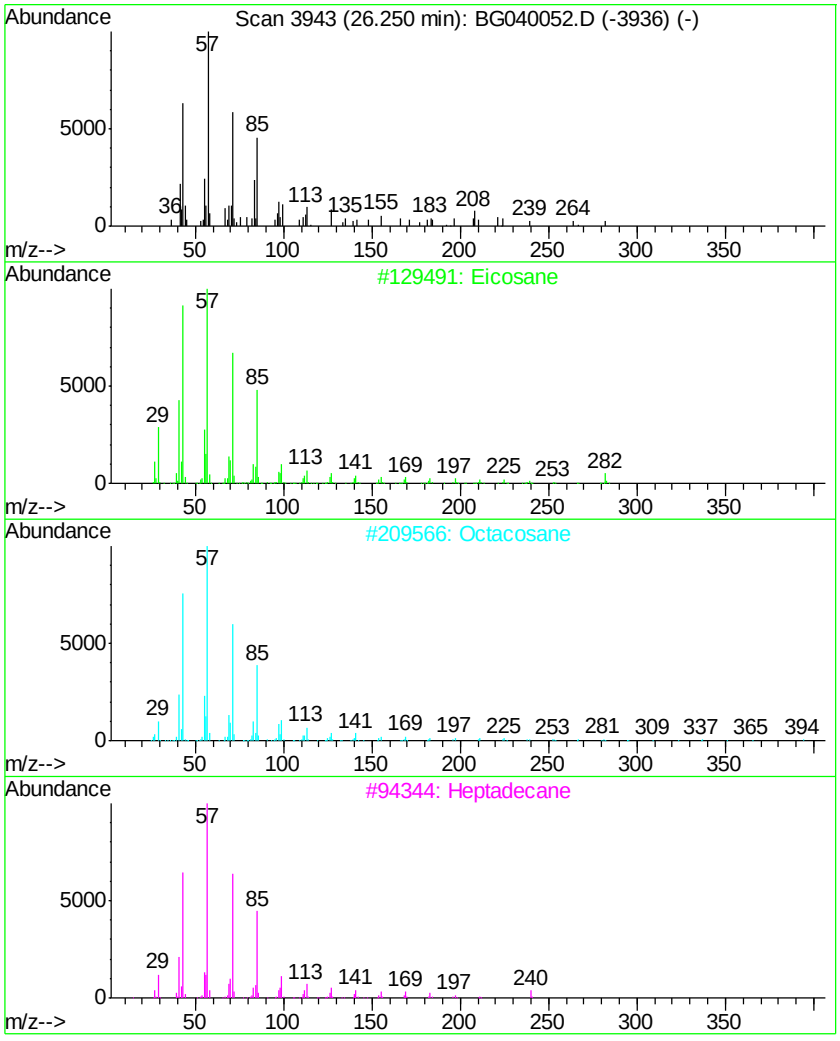
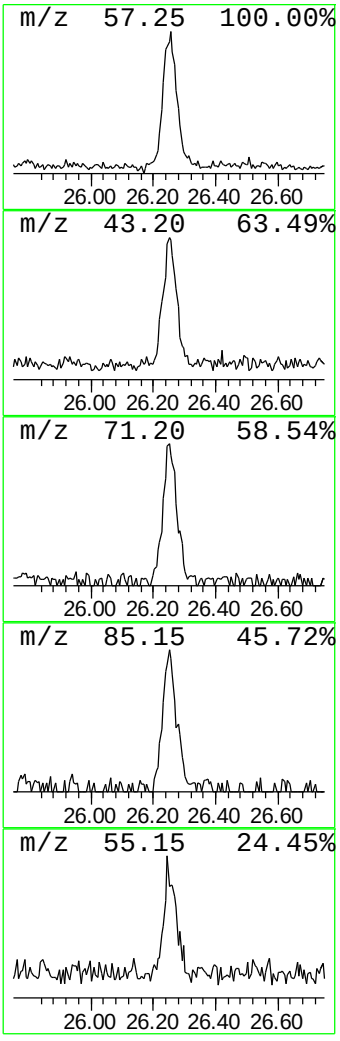
Peak Number 10 Heptadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.25	2.54 ng	95725	Perylene-d12	25.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	86
2	Octacosane	394	C28H58	000630-02-4	74
3	Heptadecane	240	C17H36	000629-78-7	64
4	Sulfurous acid, butyl tridecyl e...	320	C17H36O3S	1000309-18-0	59
5	Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	58





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	3.27	42.0	ng	543747	1	8.14	259196	20.0
unknown7.67	7.67	95.3	ng	1235140	1	8.14	259196	20.0
unknown7.71	7.71	5.5	ng	71737	1	8.14	259196	20.0
Eicosane	22.56	2.2	ng	81146	5	21.80	750592	20.0
Octacosane	23.27	3.8	ng	141790	5	21.80	750592	20.0
Pentacosane	24.11	3.9	ng	147136	6	25.15	752714	20.0
Heneicosane	25.09	3.2	ng	120336	6	25.15	752714	20.0
Heptadecane	26.25	2.5	ng	95725	6	25.15	752714	20.0