LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111519\
Data File : BG043667.D
Acq On : 16 Nov 2019 1:43
Operator : JU
Sample : K5828-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GE-MW-58-1D

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-BG102119.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	3.152	5	11	26	rVB	416075	646403	24.56%	6.374%
2	3.387	46	51	65	rBV	105735	174192	6.62%	1.718%
3	4.703	269	275	282	rVB	49504	83568	3.18%	0.824%
4	5.091	336	341	349	rBV	21888	35719	1.36%	0.352%
5	5.585	417	425	441	rBV	159706	299124	11.37%	2.950%
6	7.189	691	698	710	rBV	108248	245031	9.31%	2.416%
7	7.535	749	757	771	rBV	264622	491668	18.68%	4.848%
8	7.993	828	835	844	rBV2	70332	130486	4.96%	1.287%
9	8.317	881	890	904	rBV	297692	546937	20.78%	5.393%
10	9.157	1025	1033	1049	rBV	197447	423428	16.09%	4.175%
11	10.796	1303	1312	1324	rBV	68361	158961	6.04%	1.568%
12	13.246	1722	1729	1745	rBV	727659	1234651	46.92%	12.175%
13	14.075	1865	1870	1881	rBV	31591	64277	2.44%	0.634%
14	14.621	1957	1963	1978	rBV	165897	290173	11.03%	2.861%
15	16.119	2211	2218	2237	rBV	439318	829934	31.54%	8.184%
16	17.371	2424	2431	2442	rBV	223502	398795	15.15%	3.933%
17	19.979	2869	2875	2893	rBV	1898817	2631624	100.00%	25.951%
18	21.636	3150	3157	3174	rBV	278337	528406	20.08%	5.211%
19	21.813	3183	3187	3192	rVB3	19097	28222	1.07%	0.278%
20	22.406	3284	3288	3295	rBV3	26063	42995	1.63%	0.424%
21	23.088	3398	3404	3411	rBV3	34673	65804	2.50%	0.649%
22	23.281	3428	3437	3443	rBV4	18445	43143	1.64%	0.425%
23	23.881	3533	3539	3545	rBV3	32709	64117	2.44%	0.632%
24	24.809	3686	3697	3712	rBV2	210267	625752	23.78%	6.171%
25	25.914	3877	3885	3896	rBV7	19677	57387	2.18%	0.566%

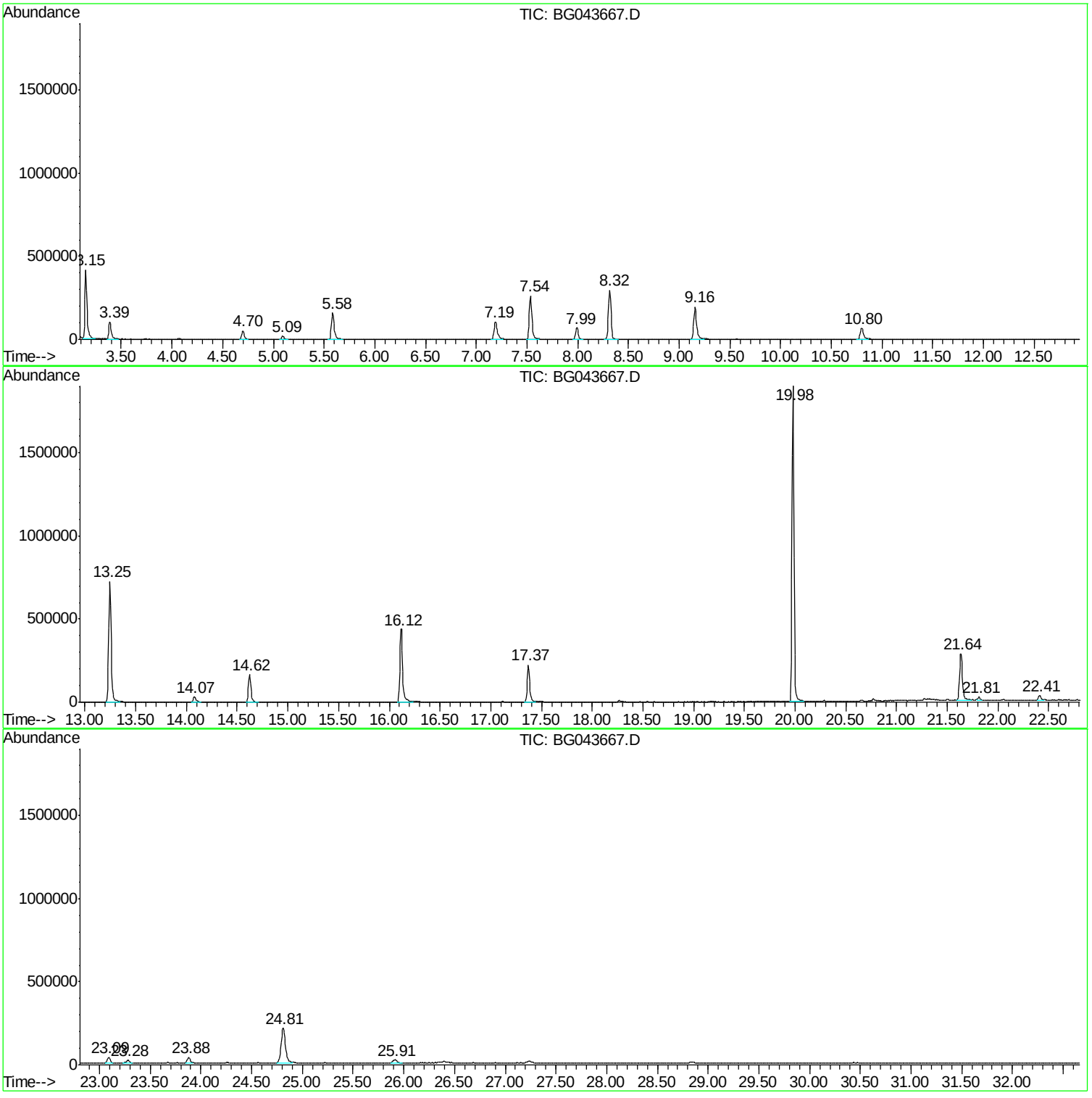
Sum of corrected areas: 10140797

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111519\
Data File : BG043667.D
Acq On : 16 Nov 2019 1:43
Operator : JU
Sample : K5828-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
GE-MW-58-1D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.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\BG111519\
Data File : BG043667.D
Acq On : 16 Nov 2019 1:43
Operator : JU
Sample : K5828-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GE-MW-58-1D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

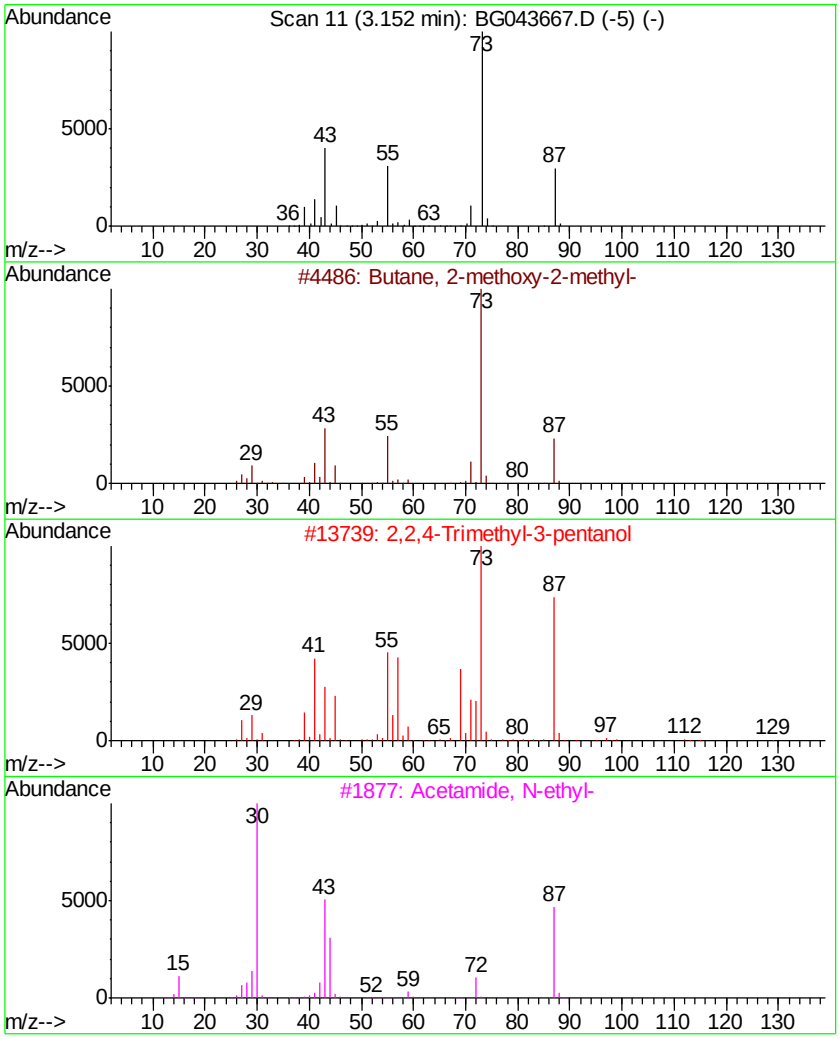
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

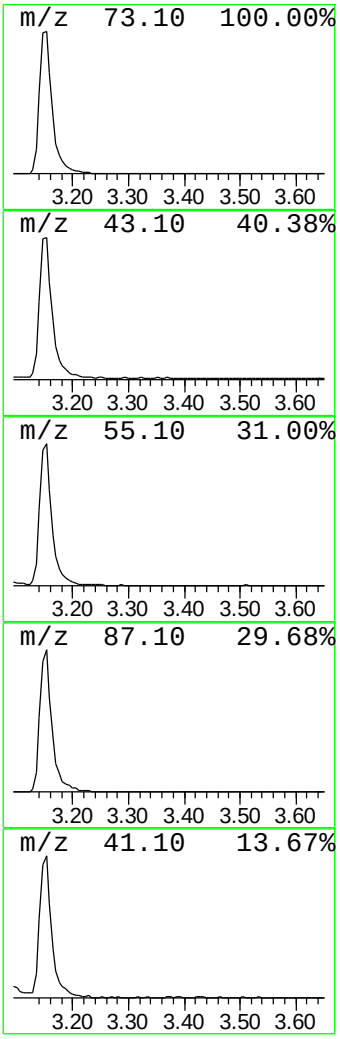
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.15	99.08 ng	646403	1,4-Dichlorobenzene-d4	7.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	72
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	38
3	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	35
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111519\
Data File : BG043667.D
Acq On : 16 Nov 2019 1:43
Operator : JU
Sample : K5828-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GE-MW-58-1D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

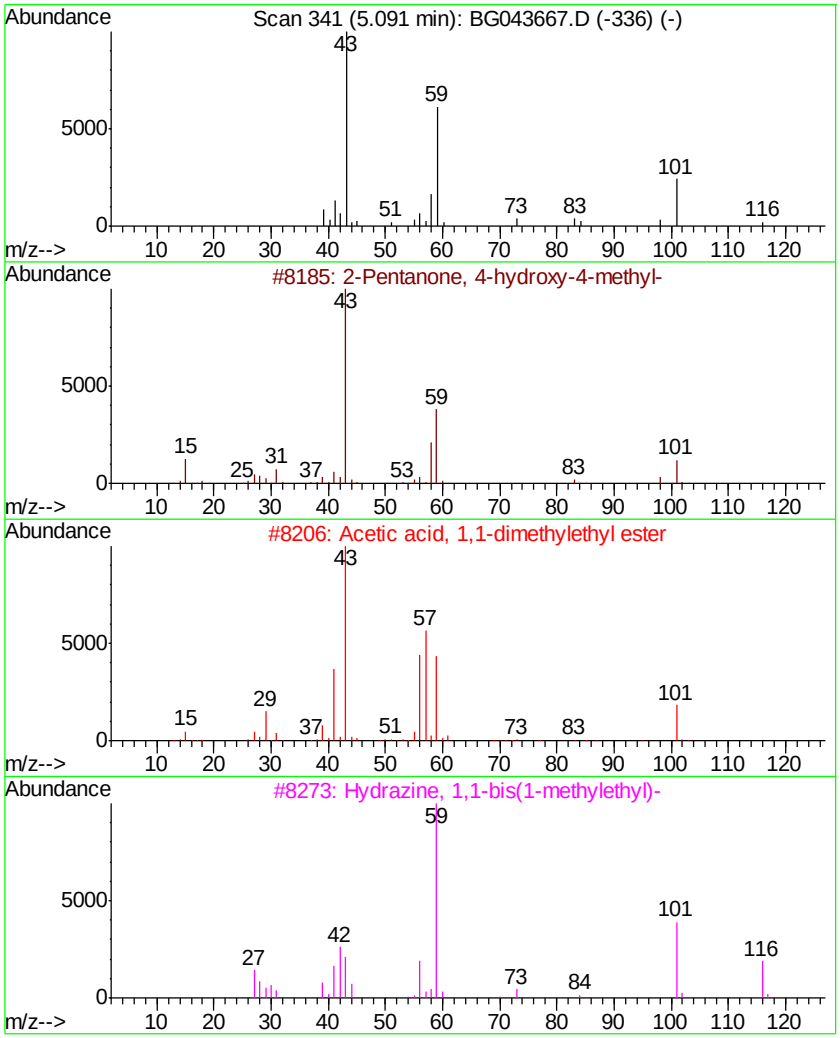
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

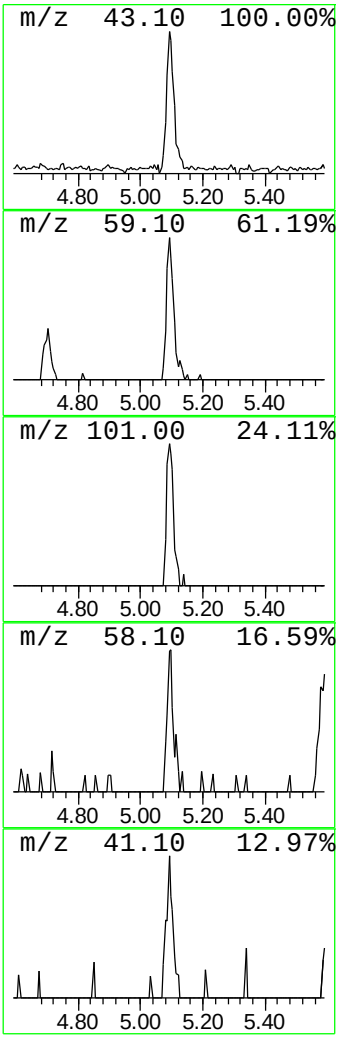
****

Peak Number 4 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.09	5.47 ng	35719	1,4-Dichlorobenzene-d4	7.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	38
3	Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	28
4	n-Propyl t-butyl ether	116	C7H16O	1000334-81-9	28
5	3-Pentanol	88	C5H12O	000584-02-1	17





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111519\
Data File : BG043667.D
Acq On : 16 Nov 2019 1:43
Operator : JU
Sample : K5828-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GE-MW-58-1D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

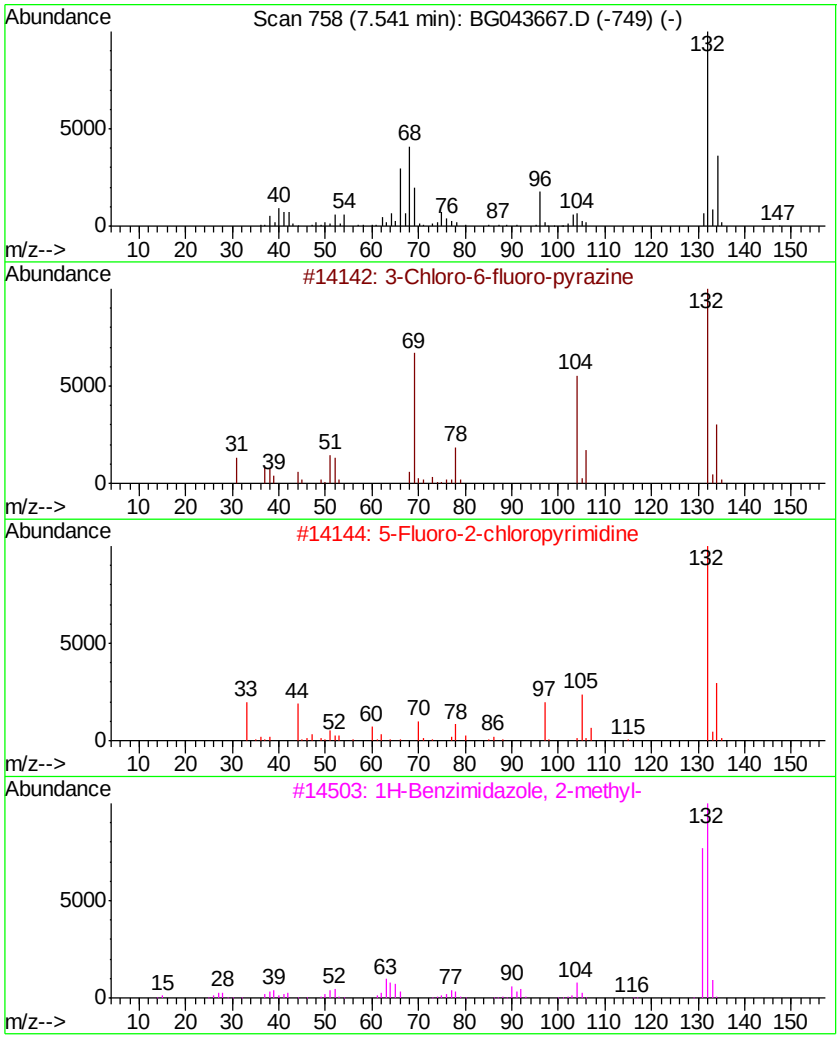
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

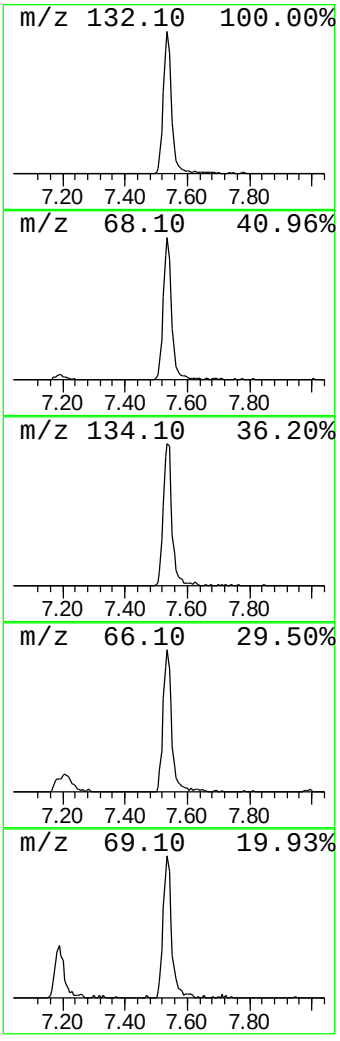
****

Peak Number 5 unknown7.54 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.54	75.36 ng	491668	1,4-Dichlorobenzene-d4	7.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	27
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
4	(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	10
5	5-Aminoindole	132	C8H8N2	005192-03-0	10





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111519\
Data File : BG043667.D
Acq On : 16 Nov 2019 1:43
Operator : JU
Sample : K5828-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GE-MW-58-1D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

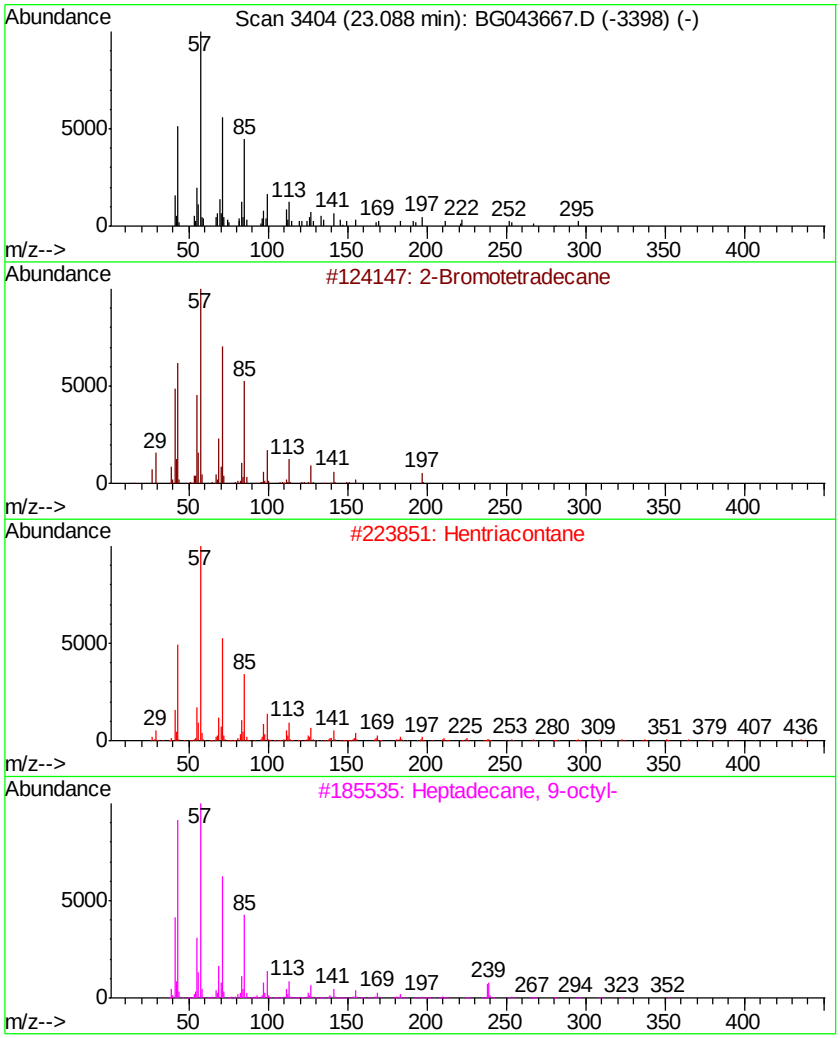
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

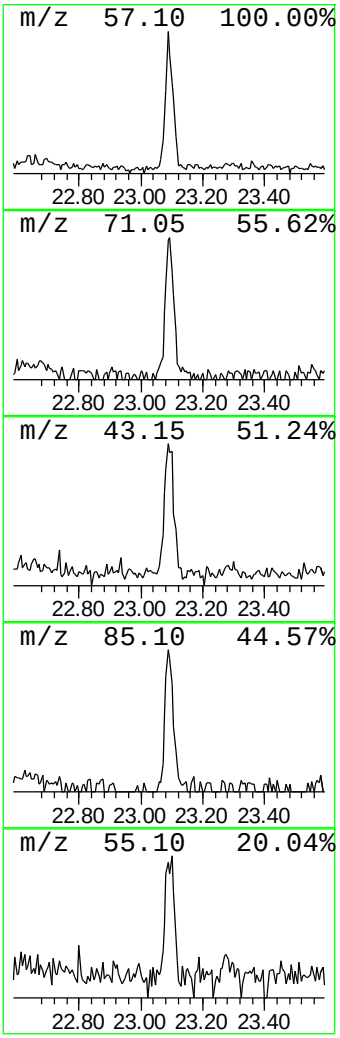
****

Peak Number 7 2-Bromotetradecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.09	2.49 ng	65804	Chrysene-d12	21.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Bromotetradecane	276	C14H29Br	074036-95-6	91
2	Hentriacontane	437	C31H64	000630-04-6	90
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87
4	Octacosane	394	C28H58	000630-02-4	87
5	Docosane	310	C22H46	000629-97-0	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111519\
Data File : BG043667.D
Acq On : 16 Nov 2019 1:43
Operator : JU
Sample : K5828-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GE-MW-58-1D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

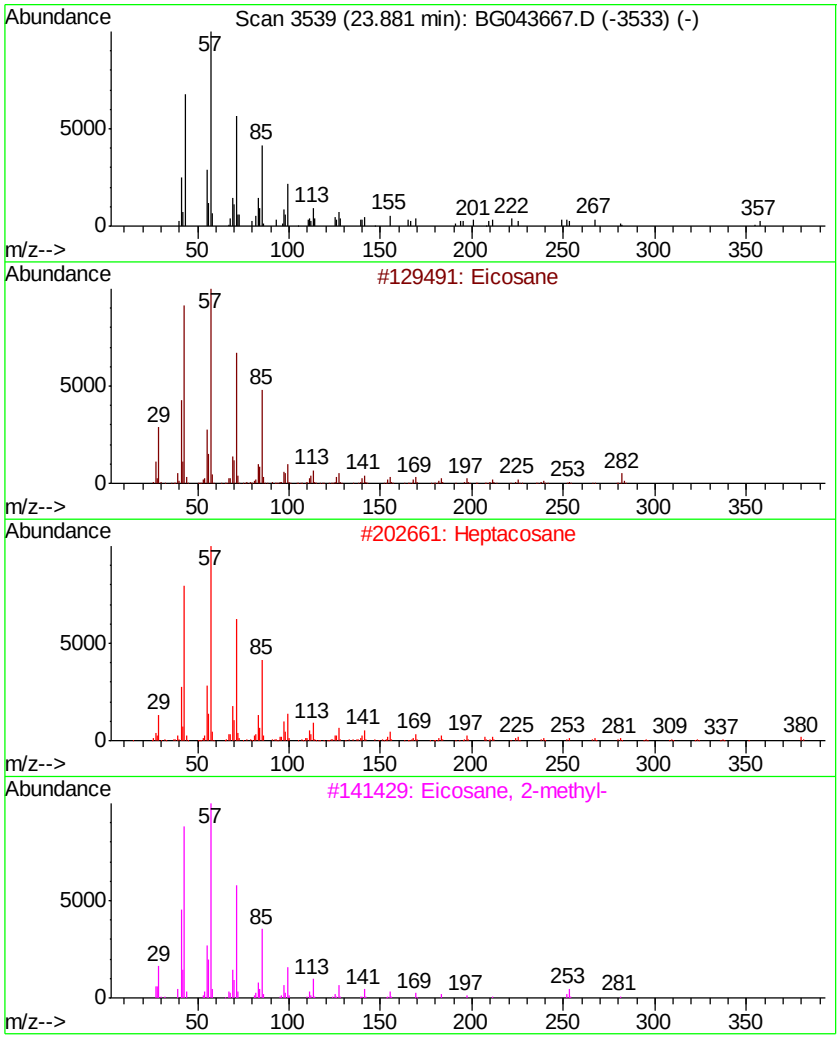
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

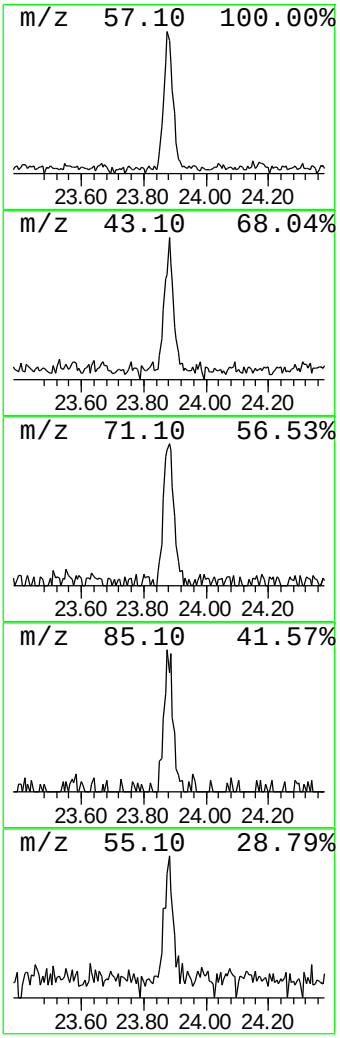
****

Peak Number 8 Eicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.88	2.05 ng	64117	Perylene-d12	24.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	94
2	Heptacosane	380	C27H56	000593-49-7	87
3	Eicosane, 2-methyl-	296	C21H44	001560-84-5	86
4	Tetracosane	338	C24H50	000646-31-1	83
5	5-Ethyl-5-methylnonadecane	310	C22H46	1000360-42-7	83





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG111519\
Data File : BG043667.D
Acq On : 16 Nov 2019 1:43
Operator : JU
Sample : K5828-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GE-MW-58-1D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.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...	3.15	99.1	ng	646403	1	7.99	130486	20.0
2-Pentanone, 4-hy...	5.09	5.5	ng	35719	1	7.99	130486	20.0
unknown7.54	7.54	75.4	ng	491668	1	7.99	130486	20.0
2-Bromotetradecane	23.09	2.5	ng	65804	5	21.64	528406	20.0
Eicosane	23.88	2.0	ng	64117	6	24.81	625752	20.0