LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032519\
Data File : BG040131.D
Acq On : 26 Mar 2019 00:13
Operator : JU/SJ
Sample : K2059-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-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	3.193	13	18	26	rBV	207380	371052	12.14%	2.464%
2	3.269	26	31	49	rVB	420805	630623	20.64%	4.188%
3	5.683	435	442	456	rBV	305735	494062	16.17%	3.281%
4	7.281	706	714	727	rBV	201665	398104	13.03%	2.644%
5	7.669	772	780	789	rBV	539537	947339	31.00%	6.292%
6	8.139	852	860	868	rBV	122264	205681	6.73%	1.366%
7	8.462	908	915	925	rVB	453768	787200	25.76%	5.228%
8	9.320	1053	1061	1072	rBV	420860	756025	24.74%	5.021%
9	10.959	1333	1340	1349	rVB	180820	316888	10.37%	2.105%
10	13.385	1745	1753	1761	rBV	1232227	1959183	64.11%	13.012%
11	14.207	1886	1893	1898	rBV	21981	36314	1.19%	0.241%
12	14.765	1980	1988	1995	rBV2	328835	517612	16.94%	3.438%
13	14.830	1995	1999	2006	rVB2	34414	54787	1.79%	0.364%
14	16.251	2235	2241	2254	rBV	932758	1440829	47.15%	9.569%
15	17.509	2448	2455	2464	rBV	444474	672482	22.01%	4.466%
16	20.105	2890	2897	2903	rBV	2333212	3055781	100.00%	20.294%
17	21.386	3108	3115	3122	rBV8	15617	42762	1.40%	0.284%
18	21.797	3178	3185	3193	rVB2	453674	757998	24.81%	5.034%
19	21.938	3204	3209	3215	rVB2	30055	39967	1.31%	0.265%
20	22.561	3309	3315	3321	rBV2	50472	81803	2.68%	0.543%
21	23.271	3430	3436	3443	rVB2	73766	136989	4.48%	0.910%
22	24.100	3568	3577	3585	rBV2	84873	189043	6.19%	1.255%
23	25.087	3735	3745	3749	rBV3	71488	202723	6.63%	1.346%
24	25.151	3749	3756	3769	rVB	245557	702956	23.00%	4.669%
25	26.256	3934	3944	3955	rVB3	54480	172211	5.64%	1.144%
26	27.660	4175	4183	4193	rBV6	25461	86831	2.84%	0.577%

Sum of corrected areas: 15057245

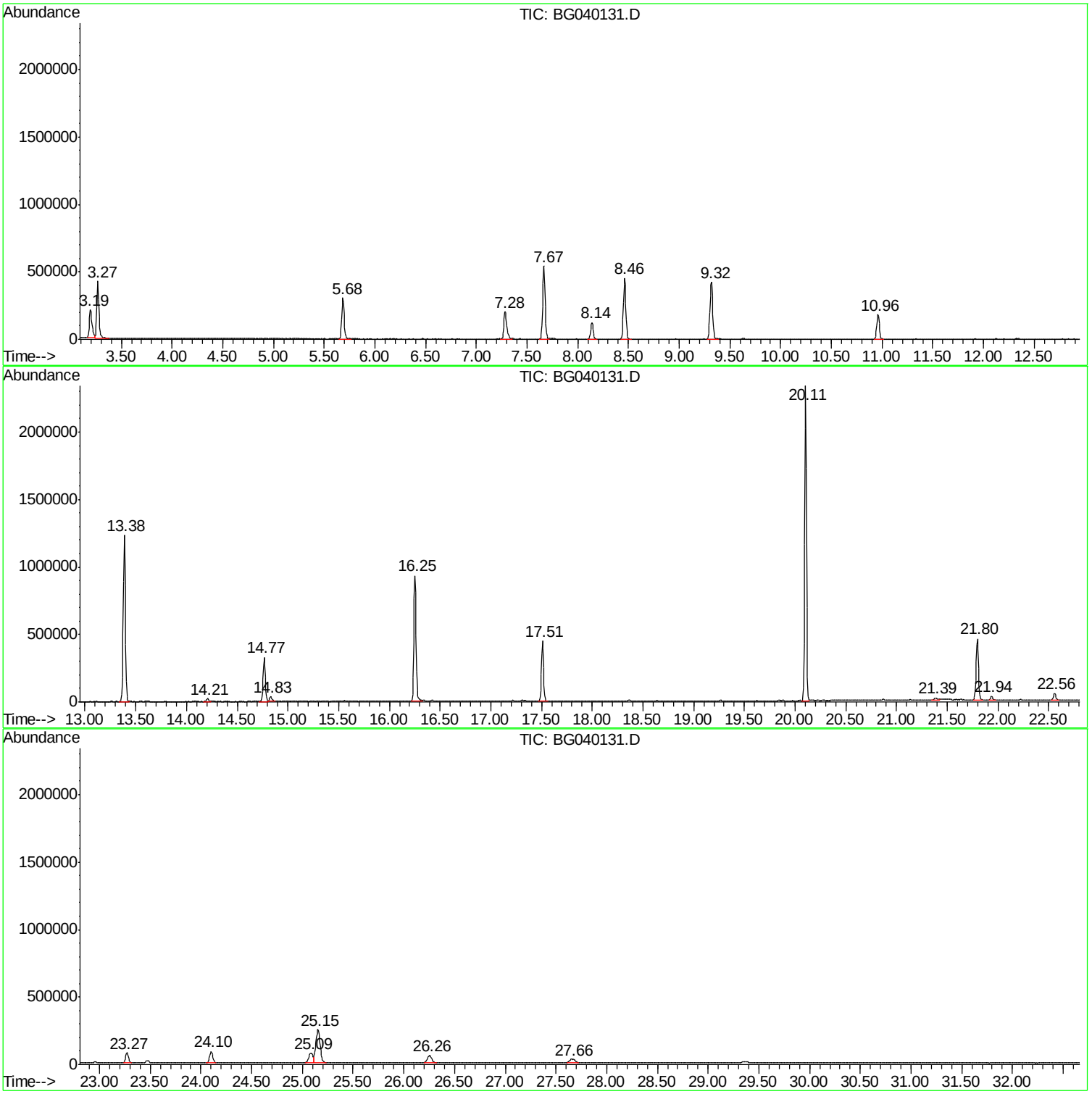
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032519\
Data File : BG040131.D
Acq On : 26 Mar 2019 00:13
Operator : JU/SJ
Sample : K2059-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-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



Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032519\
Data File : BG040131.D
Acq On : 26 Mar 2019 00:13
Operator : JU/SJ
Sample : K2059-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-1

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

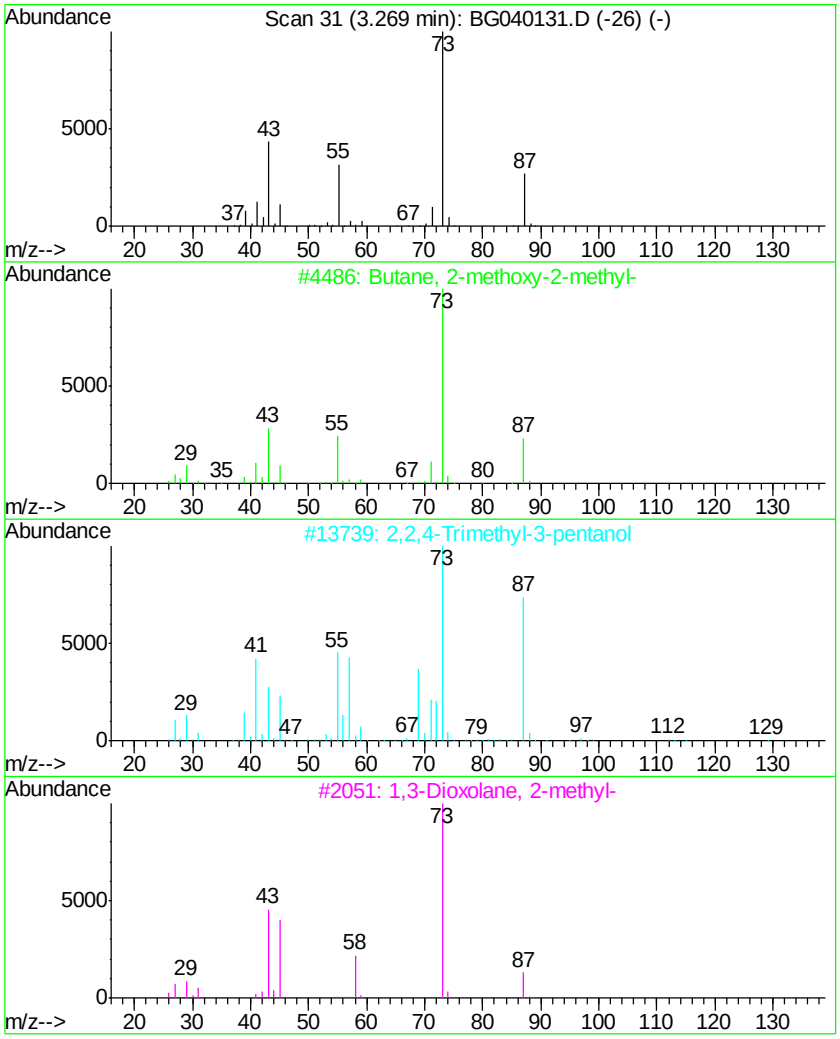
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

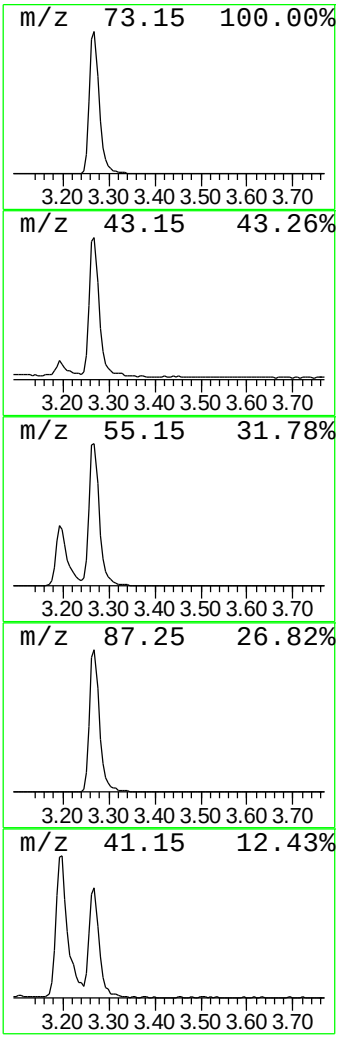
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.27	61.32 ng	630623	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	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	28
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032519\
Data File : BG040131.D
Acq On : 26 Mar 2019 00:13
Operator : JU/SJ
Sample : K2059-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-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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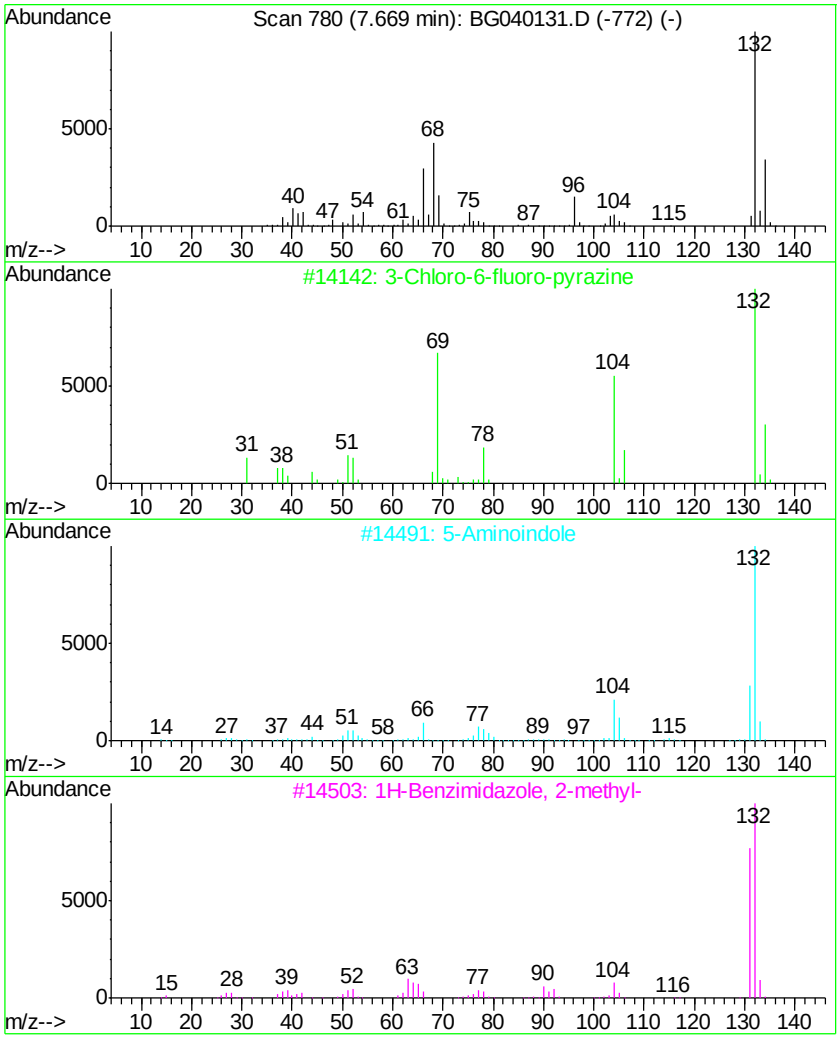
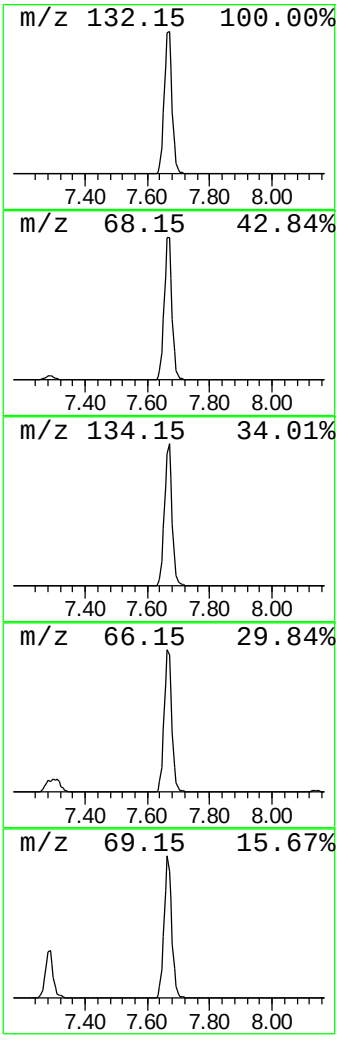
Peak Number 3 unknown7.67 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.67	92.12 ng	947339	1,4-Dichlorobenzene-d4	8.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Aminoindole	132	C8H8N2	005192-03-0	22
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	12
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
5	(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	10





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032519\
Data File : BG040131.D
Acq On : 26 Mar 2019 00:13
Operator : JU/SJ
Sample : K2059-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-1

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

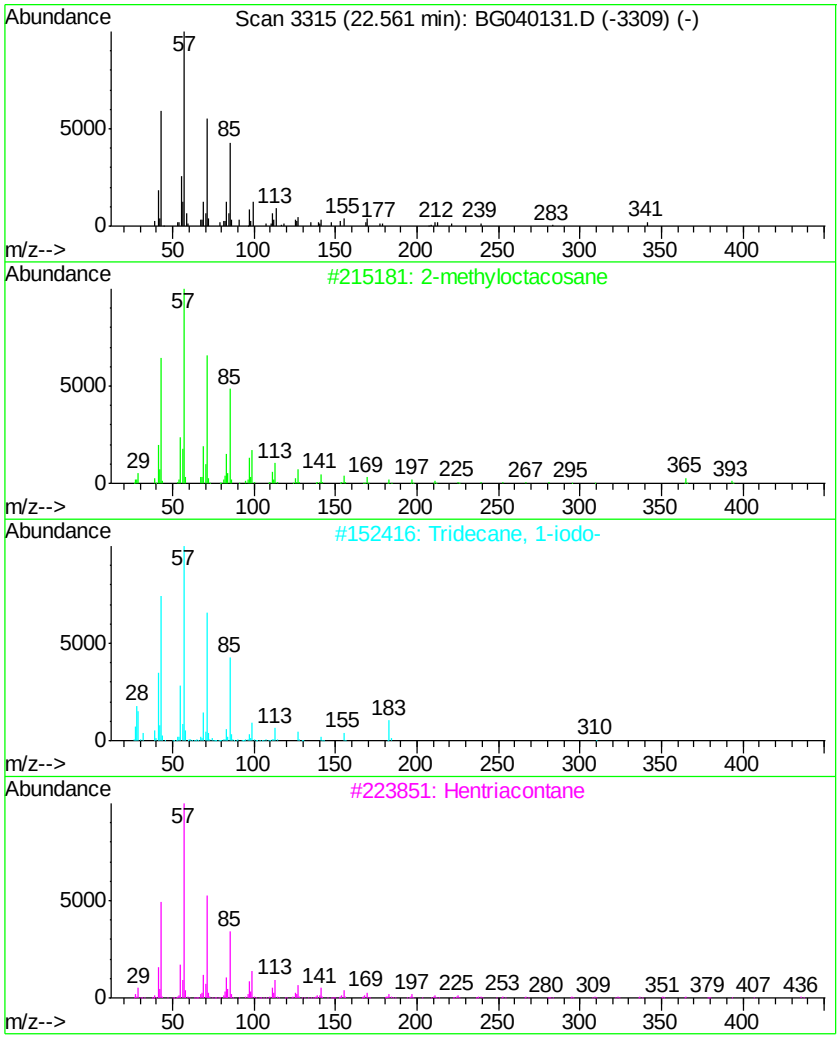
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

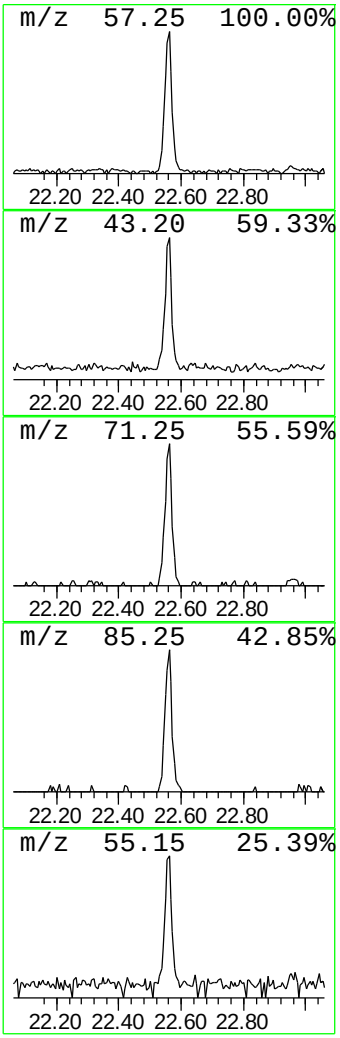
****

Peak Number 6 2-methyloctacosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.56	2.16 ng	81803	Chrysene-d12	21.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-methyloctacosane	408	C29H60	1000376-72-8	87
2	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	87
3	Hentriacontane	437	C31H64	000630-04-6	86
4	Eicosane, 10-methyl-	296	C21H44	054833-23-7	86
5	Tetracosane	338	C24H50	000646-31-1	86





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032519\
Data File : BG040131.D
Acq On : 26 Mar 2019 00:13
Operator : JU/SJ
Sample : K2059-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-1

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

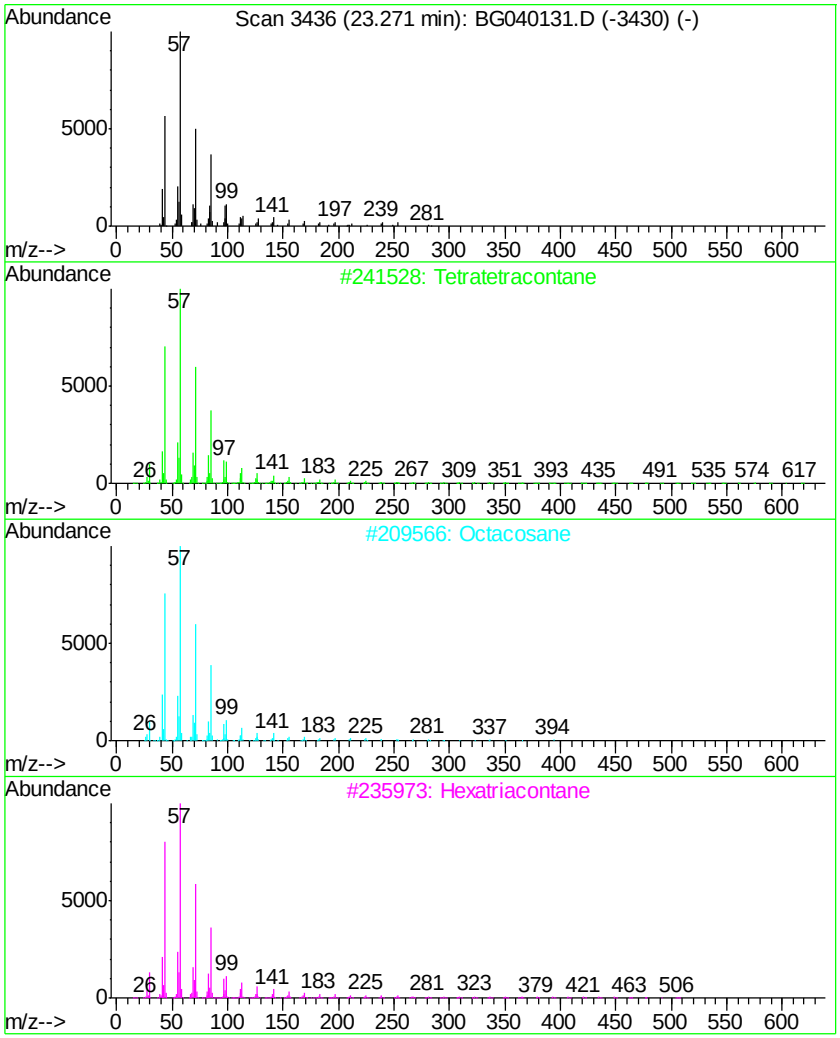
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

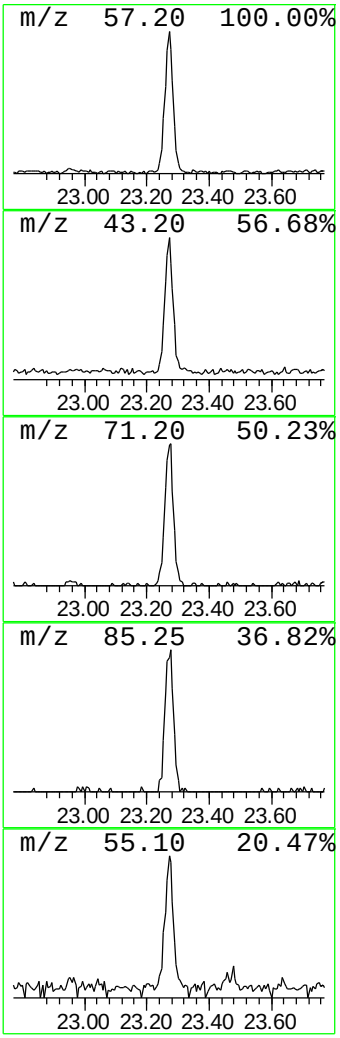
****

Peak Number 7 Tetratetracontane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.27	3.61 ng	136989	Chrysene-d12	21.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetratetracontane	619	C44H90	007098-22-8	91
2	Octacosane	394	C28H58	000630-02-4	91
3	Hexatriacontane	507	C36H74	000630-06-8	91
4	Tetracosane	338	C24H50	000646-31-1	90
5	Hexacosane	366	C26H54	000630-01-3	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032519\
Data File : BG040131.D
Acq On : 26 Mar 2019 00:13
Operator : JU/SJ
Sample : K2059-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-1

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

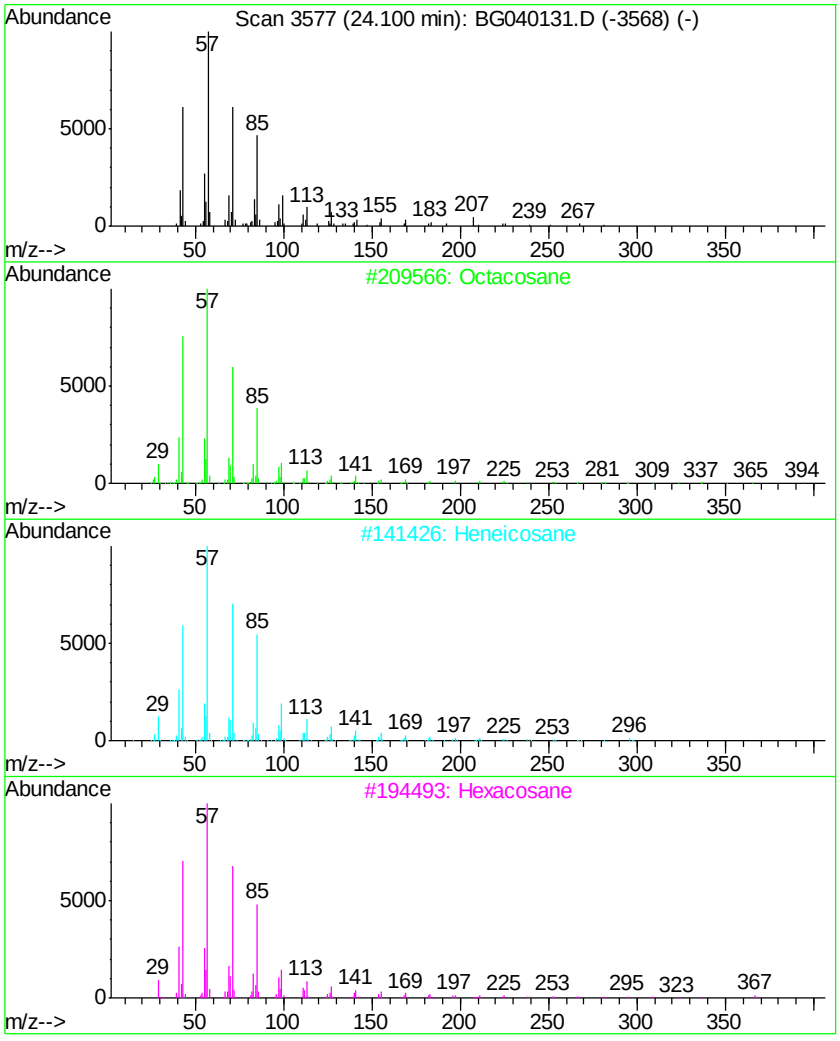
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

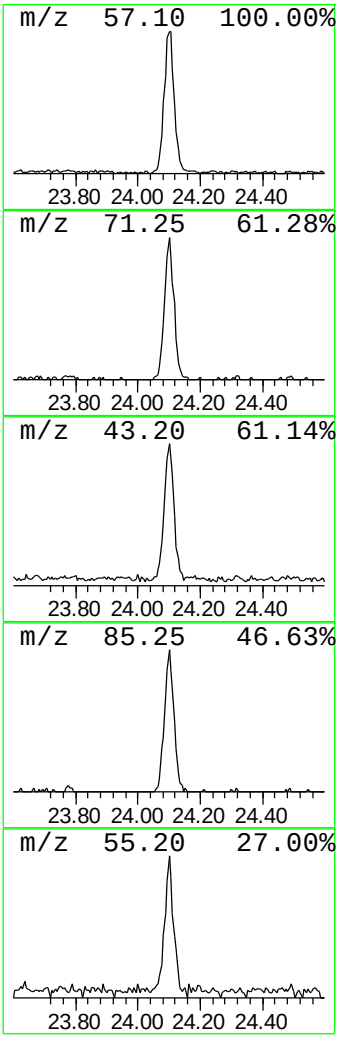
****

Peak Number 8 Octacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.10	5.38 ng	189043	Perylene-d12	25.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	90
2	Heneicosane	296	C21H44	000629-94-7	90
3	Hexacosane	366	C26H54	000630-01-3	90
4	Hentriacontane	437	C31H64	000630-04-6	90
5	2-methyloctacosane	408	C29H60	1000376-72-8	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032519\
Data File : BG040131.D
Acq On : 26 Mar 2019 00:13
Operator : JU/SJ
Sample : K2059-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-1

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

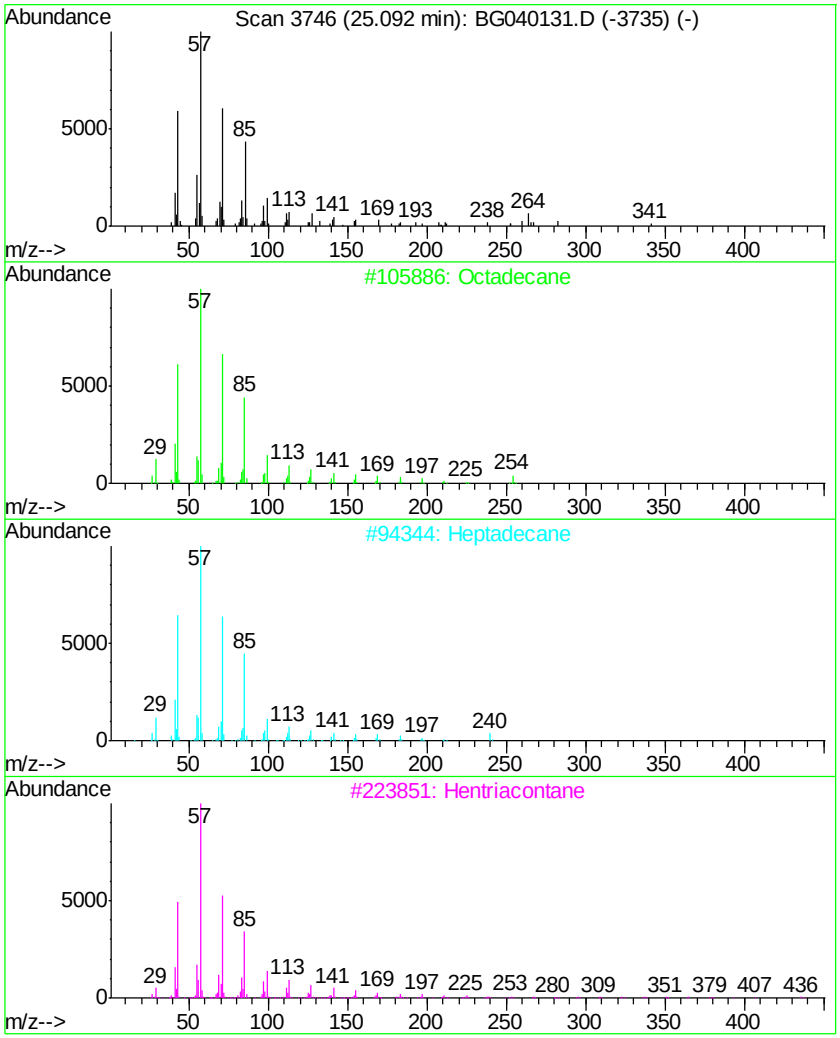
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

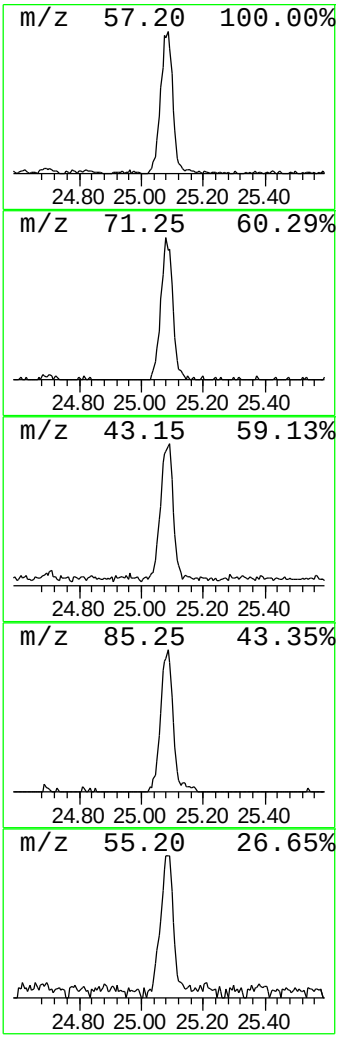
****

Peak Number 9 Octadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.09	5.77 ng	202723	Perylene-d12	25.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	87
2	Heptadecane	240	C17H36	000629-78-7	87
3	Hentriacontane	437	C31H64	000630-04-6	87
4	Octacosane	394	C28H58	000630-02-4	87
5	Hexadecane	226	C16H34	000544-76-3	86





Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032519\
Data File : BG040131.D
Acq On : 26 Mar 2019 00:13
Operator : JU/SJ
Sample : K2059-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-1

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

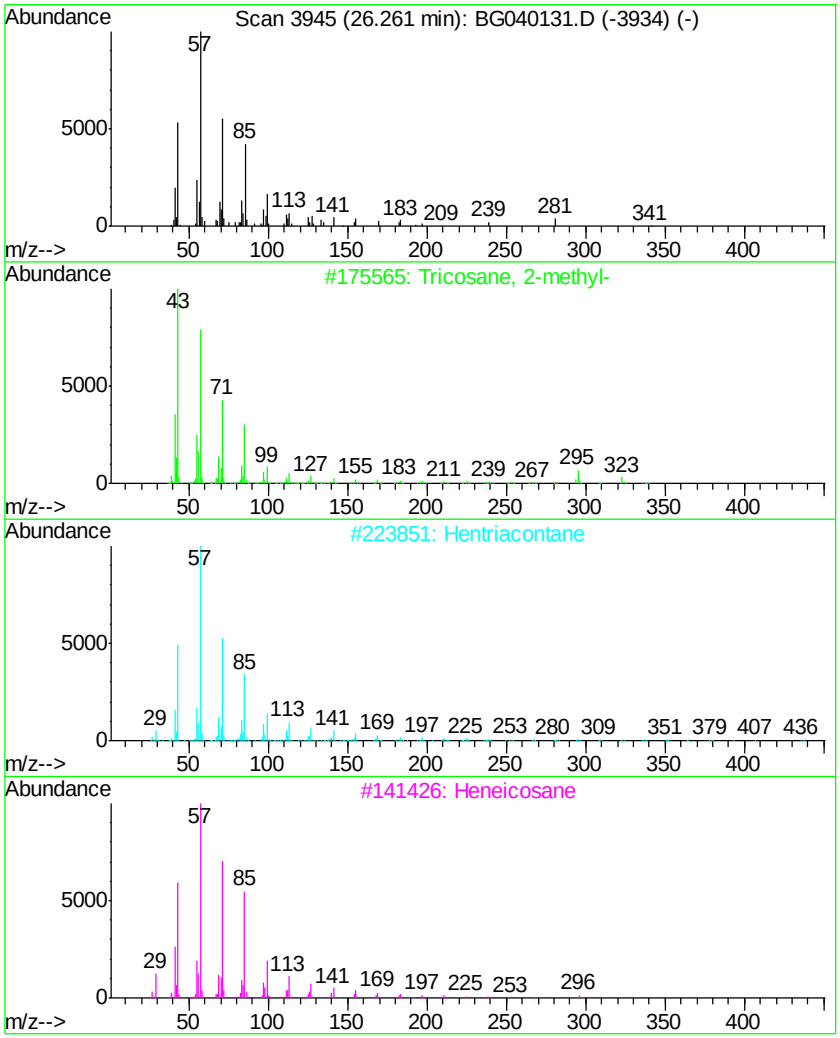
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

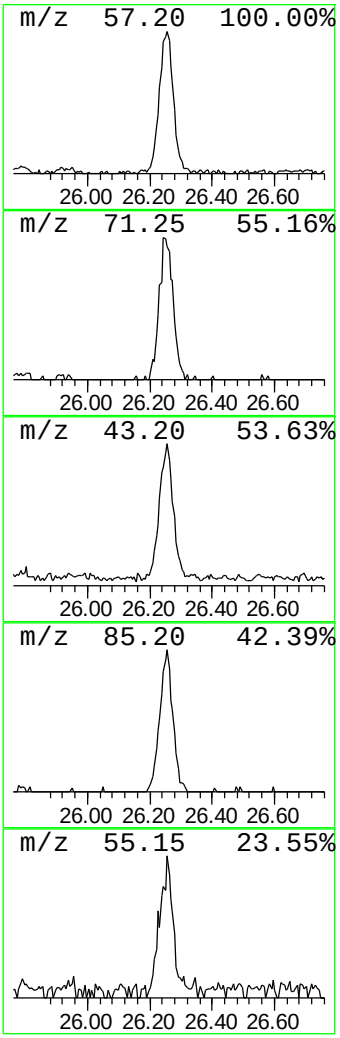
****

Peak Number 10 Tricosane, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.26	4.90 ng	172211	Perylene-d12	25.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricosane, 2-methyl-	338	C24H50	001928-30-9	86
2	Hentriacontane	437	C31H64	000630-04-6	86
3	Heneicosane	296	C21H44	000629-94-7	80
4	Eicosane	282	C20H42	000112-95-8	64
5	Hexatriacontane	507	C36H74	000630-06-8	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032519\
Data File : BG040131.D
Acq On : 26 Mar 2019 00:13
Operator : JU/SJ
Sample : K2059-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-1

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

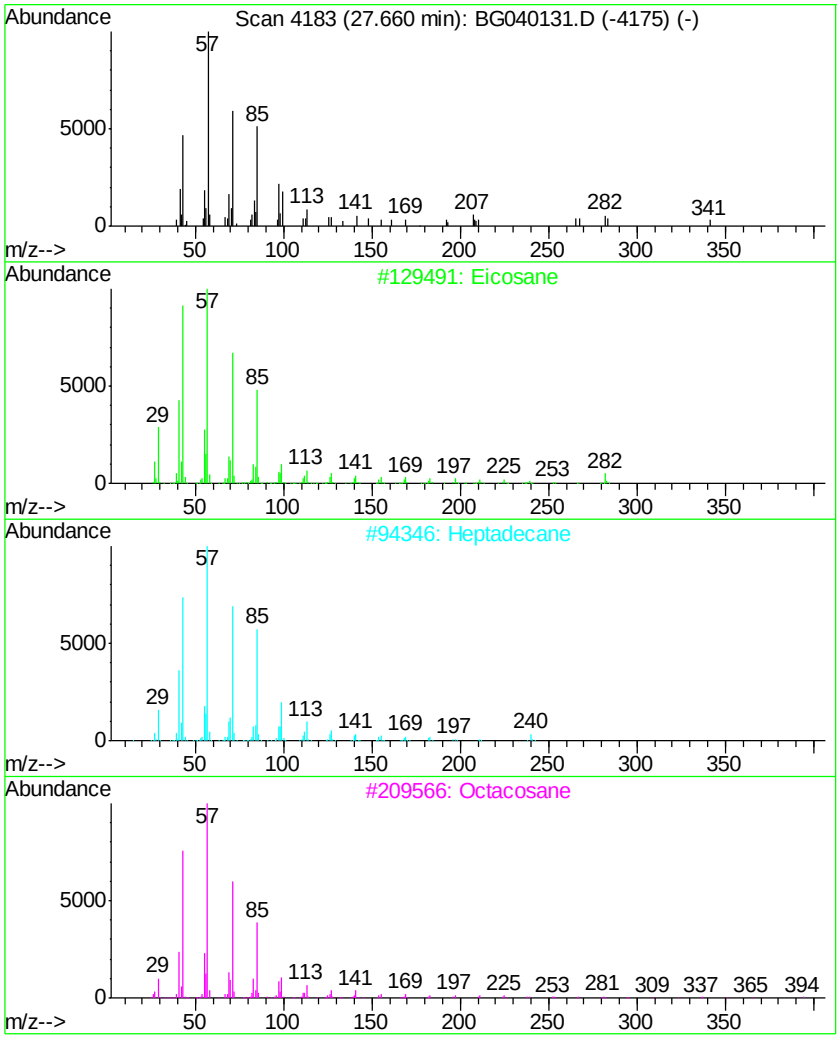
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

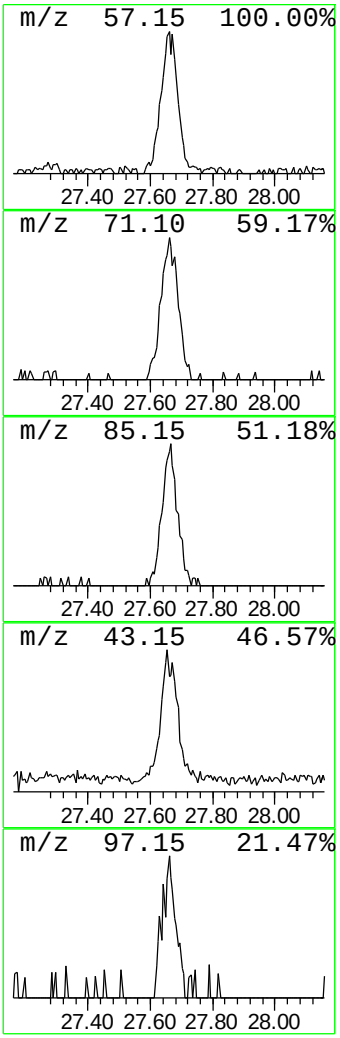
****

Peak Number 11 Eicosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.66	2.47 ng	86831	Perylene-d12	25.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	89
2	Heptadecane	240	C17H36	000629-78-7	64
3	Octacosane	394	C28H58	000630-02-4	64
4	Nonadecane	268	C19H40	000629-92-5	58
5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	53





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032519\
Data File : BG040131.D
Acq On : 26 Mar 2019 00:13
Operator : JU/SJ
Sample : K2059-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	3.27	61.3	ng	630623	1	8.14	205681	20.0
unknown7.67	7.67	92.1	ng	947339	1	8.14	205681	20.0
2-methyloctacosane	22.56	2.2	ng	81803	5	21.80	757998	20.0
Tetratetracontane	23.27	3.6	ng	136989	5	21.80	757998	20.0
Octacosane	24.10	5.4	ng	189043	6	25.15	702956	20.0
Octadecane	25.09	5.8	ng	202723	6	25.15	702956	20.0
Tricosane, 2-methyl-	26.26	4.9	ng	172211	6	25.15	702956	20.0
Eicosane	27.66	2.5	ng	86831	6	25.15	702956	20.0