LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032919\
Data File : BG040242.D
Acq On : 30 Mar 2019 1:56
Operator : JU/SJ
Sample : K2121-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-8

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-BG032719.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	3.125	3	6	14	rVB	386727	621470	14.21%	2.808%
2	3.196	14	18	31	rVB	432791	613133	14.02%	2.770%
3	5.146	343	350	356	rBV	35027	53410	1.22%	0.241%
4	5.604	422	428	438	rBV	542451	883256	20.20%	3.991%
5	7.203	694	700	711	rBV	378859	648532	14.83%	2.930%
6	7.585	757	765	778	rVB	927578	1587638	36.31%	7.174%
7	8.055	838	845	853	rBV	196847	327707	7.49%	1.481%
8	8.378	893	900	909	rVB	744418	1289940	29.50%	5.829%
9	9.230	1037	1045	1057	rBV	689161	1206432	27.59%	5.451%
10	10.869	1316	1324	1332	rBV	260953	486489	11.13%	2.198%
11	13.307	1730	1739	1751	rVB	1868443	2917137	66.72%	13.181%
12	14.688	1964	1974	1985	rBV2	451200	754367	17.25%	3.409%
13	16.174	2220	2227	2241	rBV	1609247	2395990	54.80%	10.826%
14	17.432	2434	2441	2448	rBV2	657053	990709	22.66%	4.477%
15	18.290	2582	2587	2597	rBV5	25251	61417	1.40%	0.278%
16	20.035	2877	2884	2892	rBV	3191251	4372342	100.00%	19.756%
17	21.709	3162	3169	3175	rBV	628963	1081440	24.73%	4.887%
18	21.856	3189	3194	3201	rVB	41333	60580	1.39%	0.274%
19	22.467	3292	3298	3304	rBV	77023	132230	3.02%	0.597%
20	23.166	3410	3417	3427	rBV	101931	190329	4.35%	0.860%
21	23.983	3548	3556	3565	rBV2	82318	190823	4.36%	0.862%
22	24.952	3712	3721	3722	rBV2	56278	122161	2.79%	0.552%
23	25.011	3722	3731	3745	rVB3	293705	1057600	24.19%	4.779%
24	26.098	3906	3916	3925	rBV4	27724	86037	1.97%	0.389%

Sum of corrected areas: 22131169

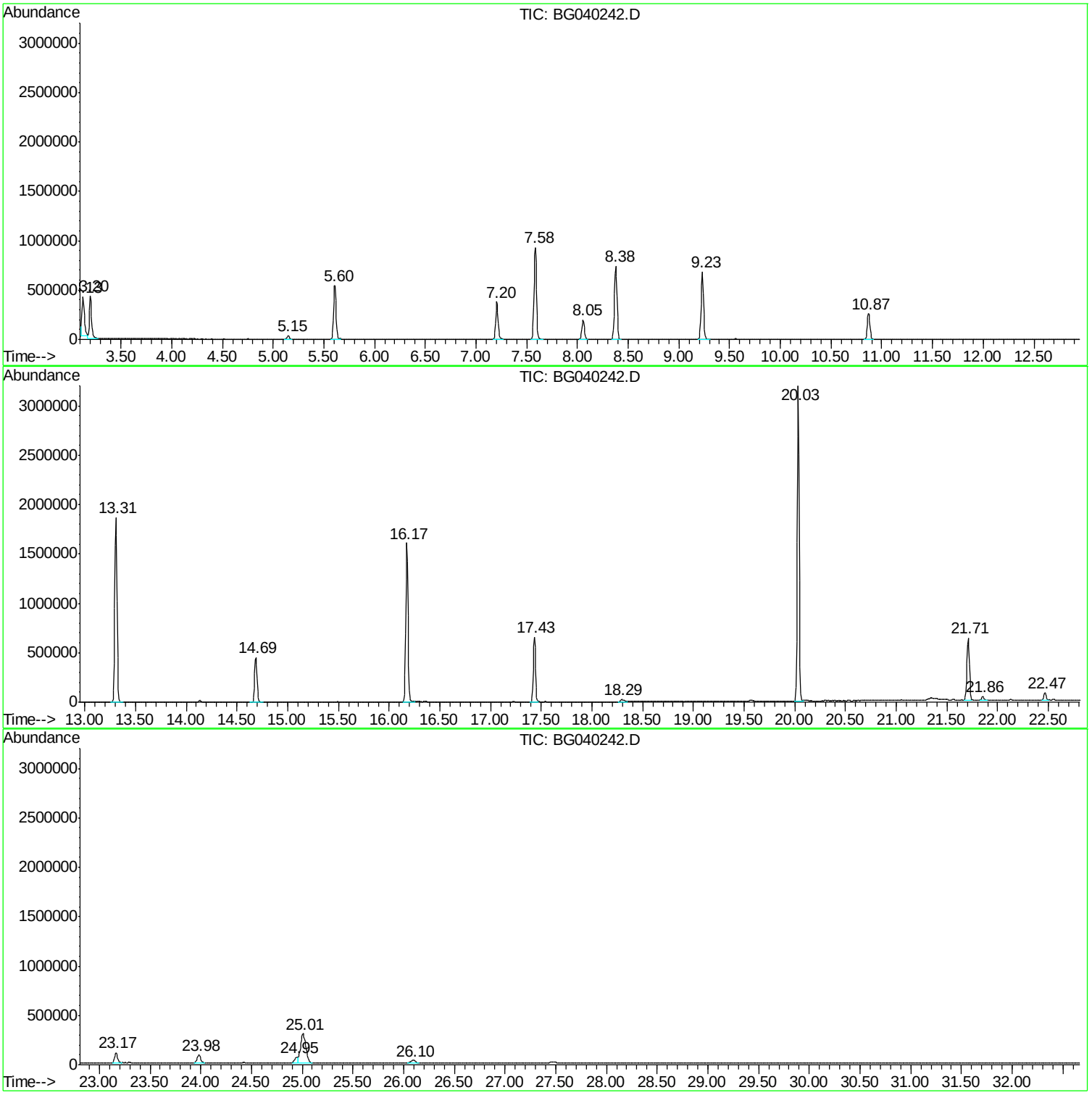
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032919\
Data File : BG040242.D
Acq On : 30 Mar 2019 1:56
Operator : JU/SJ
Sample : K2121-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.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\BG032919\
Data File : BG040242.D
Acq On : 30 Mar 2019 1:56
Operator : JU/SJ
Sample : K2121-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

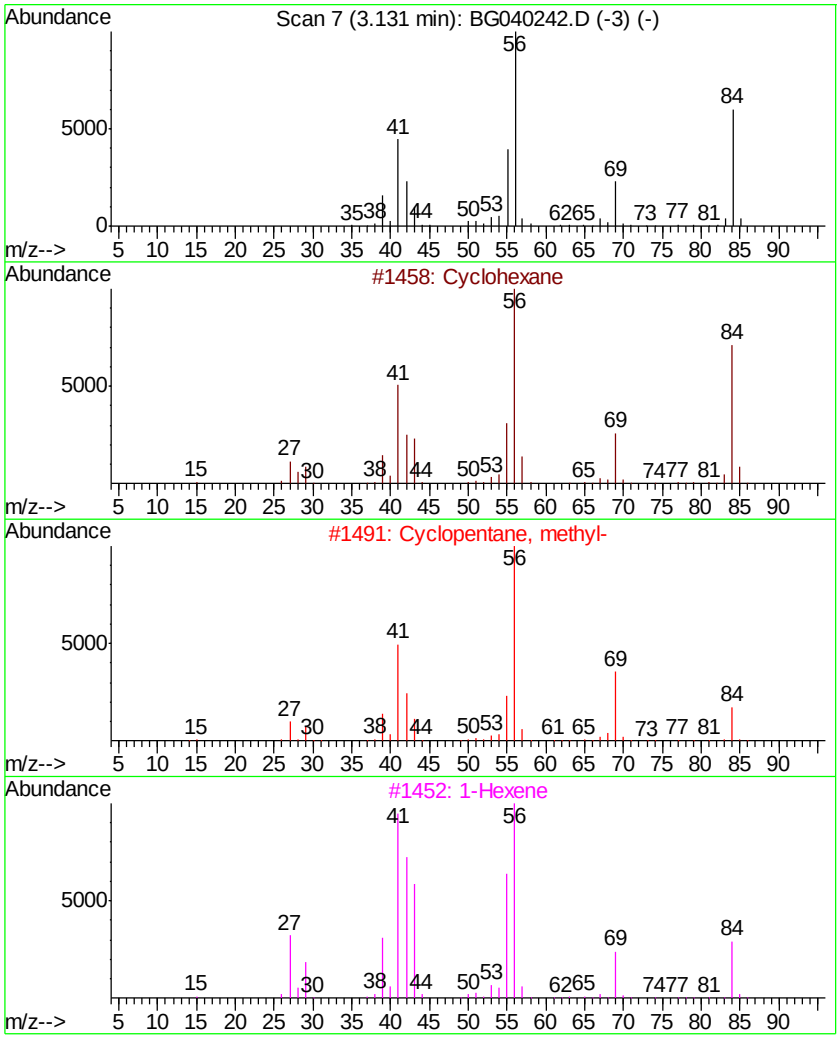
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

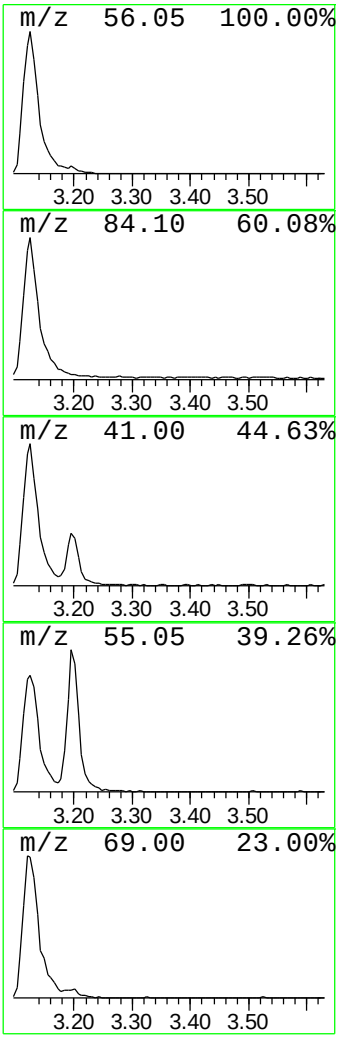
****

Peak Number 1 Cyclopentane, methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.13	37.93 ng	621470	1,4-Dichlorobenzene-d4	8.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane	84	C6H12	000110-82-7	91
2	Cyclopentane, methyl-	84	C6H12	000096-37-7	64
3	1-Hexene	84	C6H12	000592-41-6	47
4	Cyclopropane, propyl-	84	C6H12	002415-72-7	42
5	Cyclobutane, ethyl-	84	C6H12	004806-61-5	40





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032919\
Data File : BG040242.D
Acq On : 30 Mar 2019 1:56
Operator : JU/SJ
Sample : K2121-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

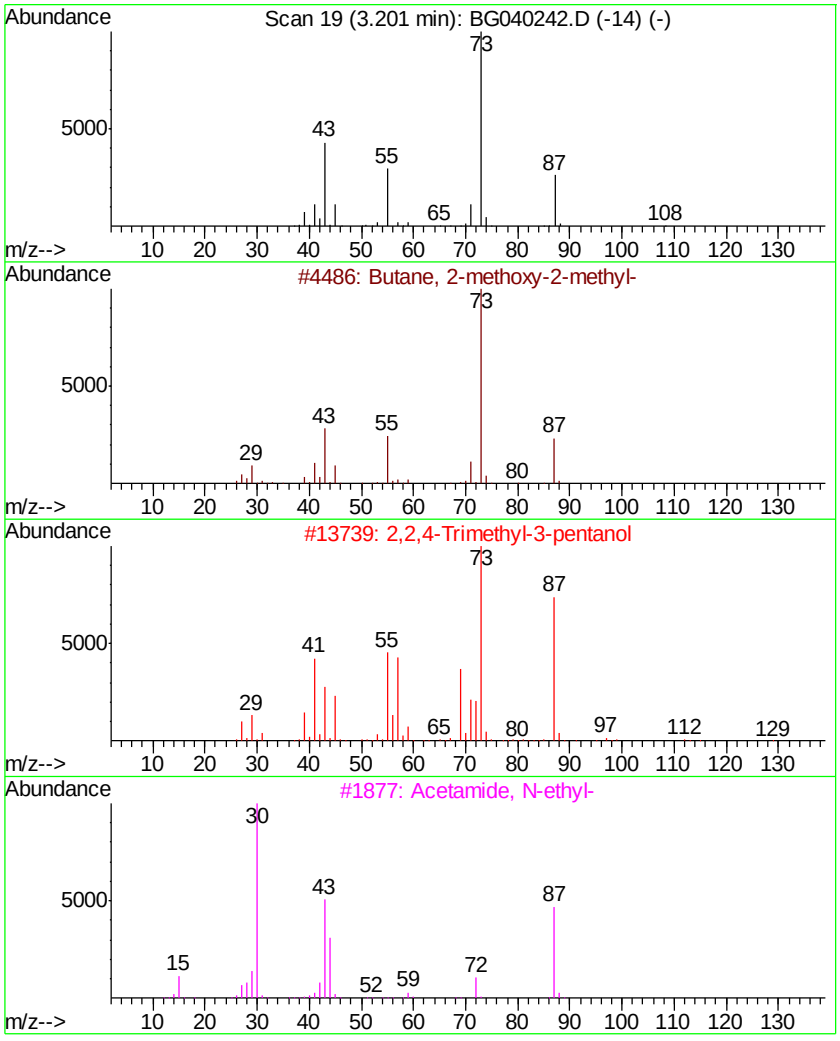
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

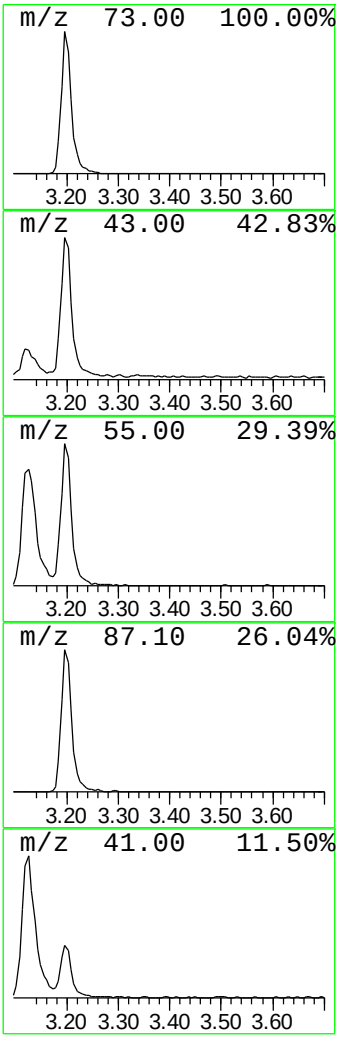
****

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.20	37.42 ng	613133	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	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	27
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12





Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032919\
Data File : BG040242.D
Acq On : 30 Mar 2019 1:56
Operator : JU/SJ
Sample : K2121-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

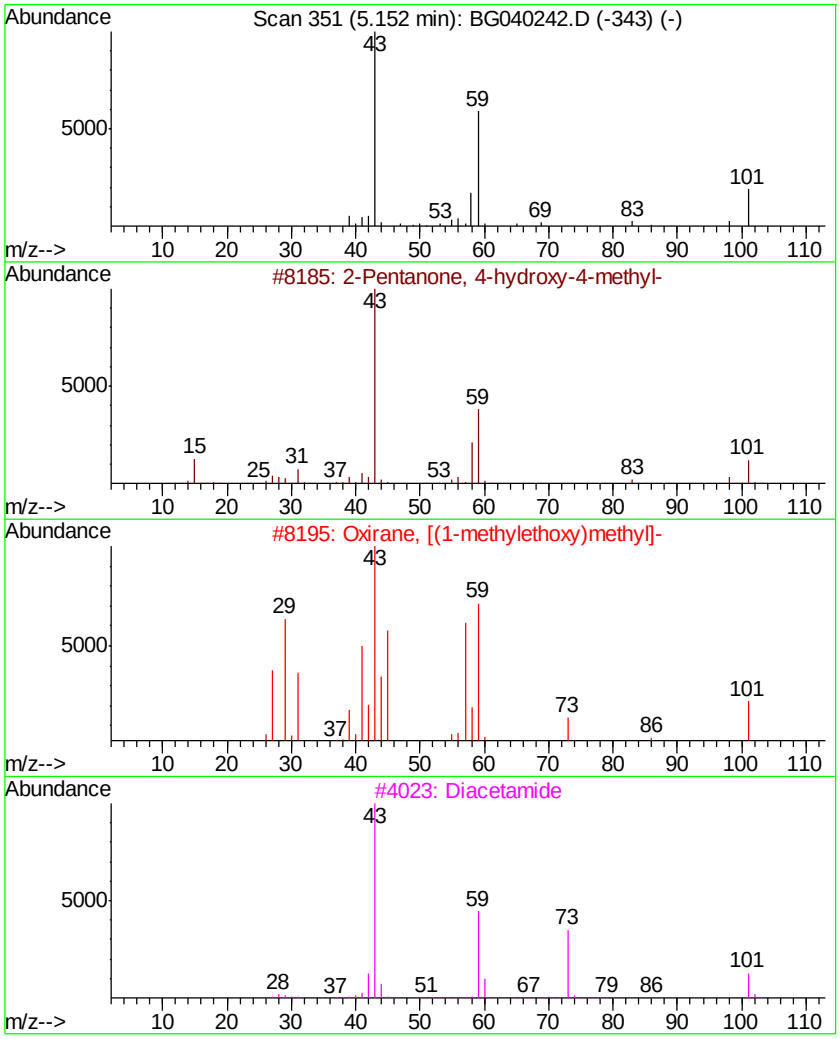
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

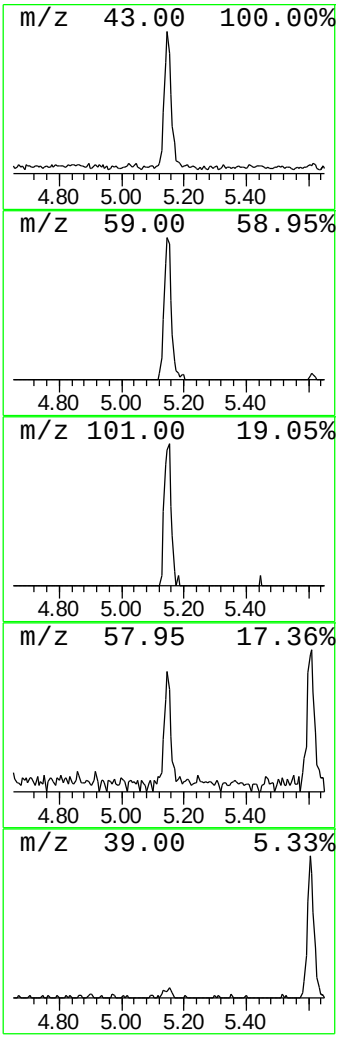
****

Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.15	3.26 ng	53410	1,4-Dichlorobenzene-d4	8.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Oxirane, [(1-methylethoxy)methyl]-	116	C6H12O2	004016-14-2	40
3	Diacetamide	101	C4H7NO2	000625-77-4	36
4	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032919\
Data File : BG040242.D
Acq On : 30 Mar 2019 1:56
Operator : JU/SJ
Sample : K2121-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

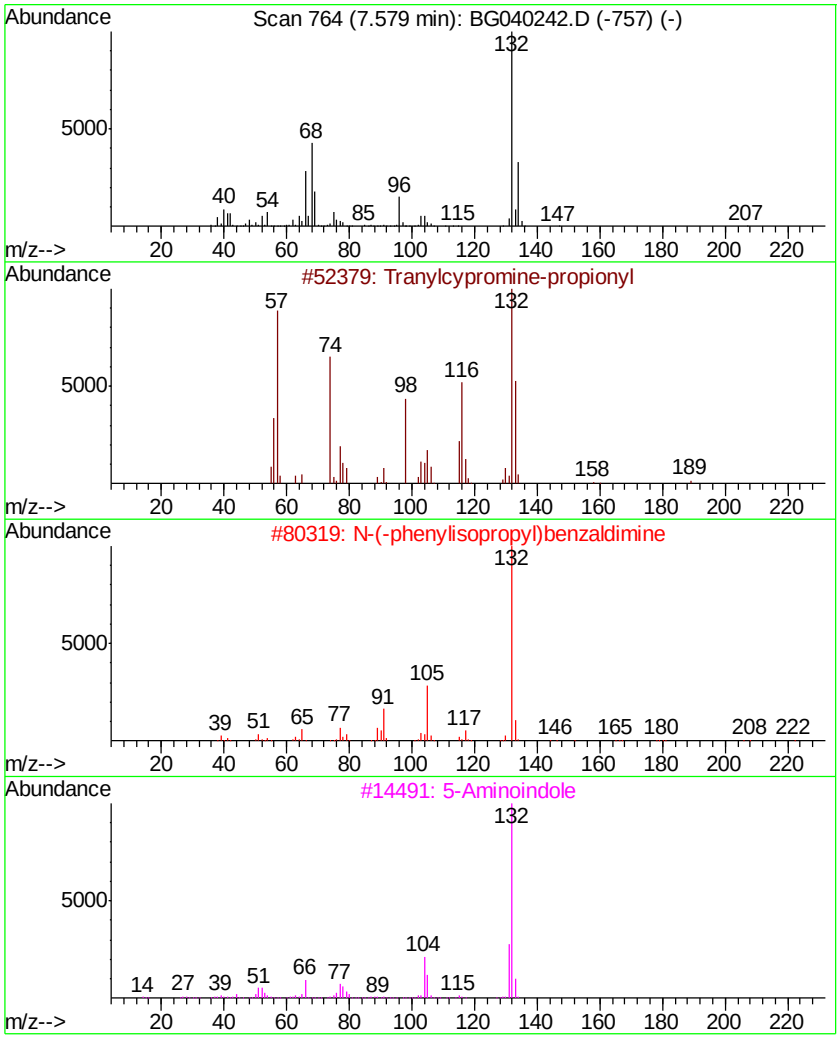
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

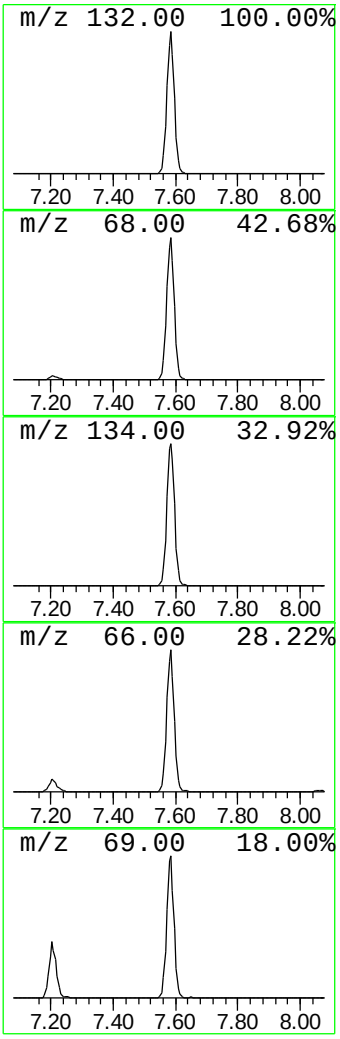
****

Peak Number 4 unknown7.58 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.58	96.89 ng	1587640	1,4-Dichlorobenzene-d4	8.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
2	N-(-phenylisopropyl)benzaldimine	223	C16H17N	1000379-01-3	10
3	5-Aminoindole	132	C8H8N2	005192-03-0	10
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032919\
Data File : BG040242.D
Acq On : 30 Mar 2019 1:56
Operator : JU/SJ
Sample : K2121-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

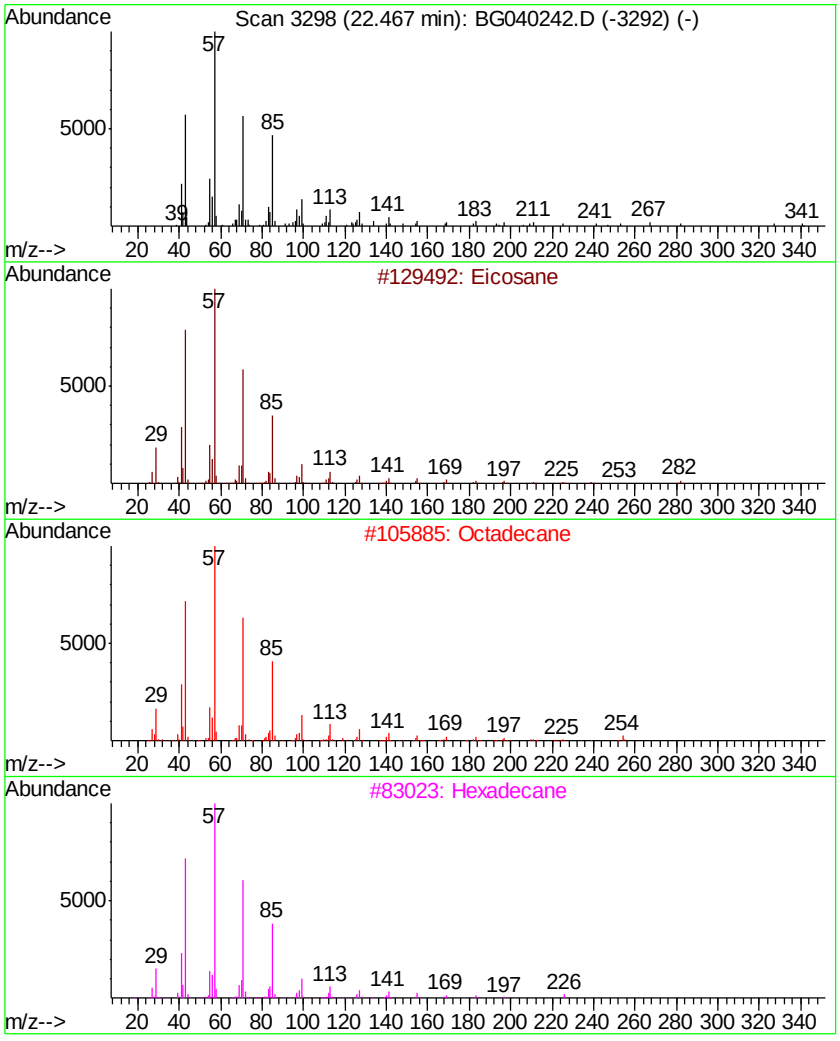
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

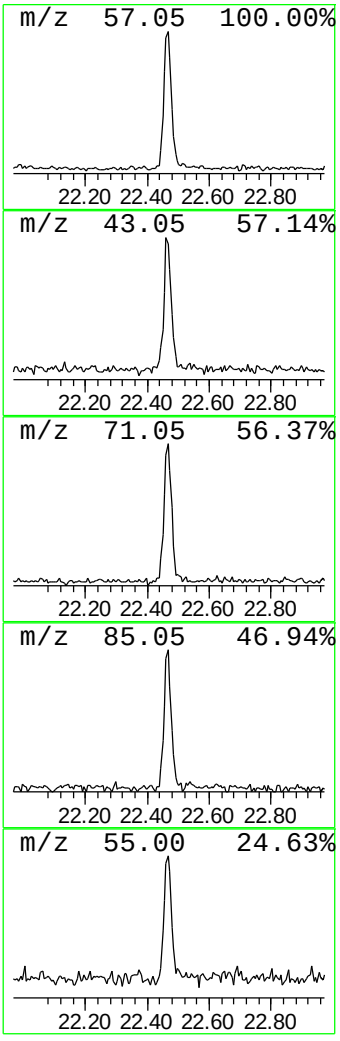
****

Peak Number 6 Eicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.47	2.45 ng	132230	Chrysene-d12	21.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	95
2	Octadecane	254	C18H38	000593-45-3	91
3	Hexadecane	226	C16H34	000544-76-3	91
4	Heptadecane	240	C17H36	000629-78-7	91
5	Heneicosane	296	C21H44	000629-94-7	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032919\
Data File : BG040242.D
Acq On : 30 Mar 2019 1:56
Operator : JU/SJ
Sample : K2121-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

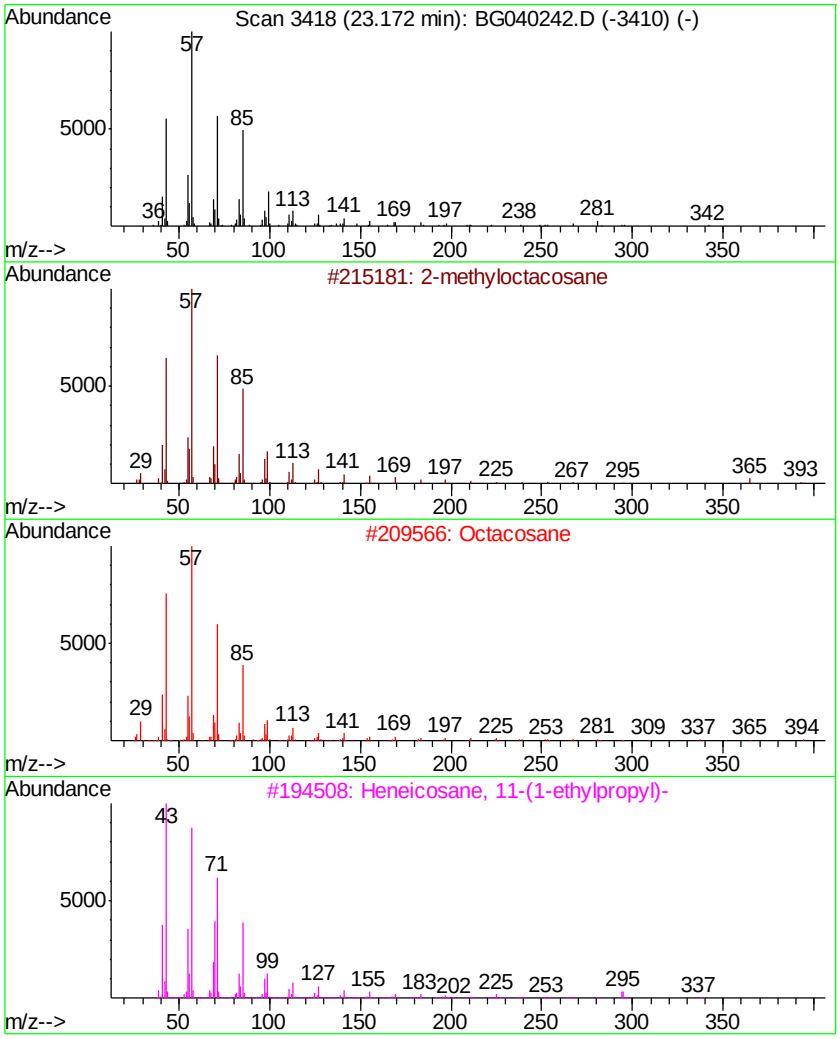
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

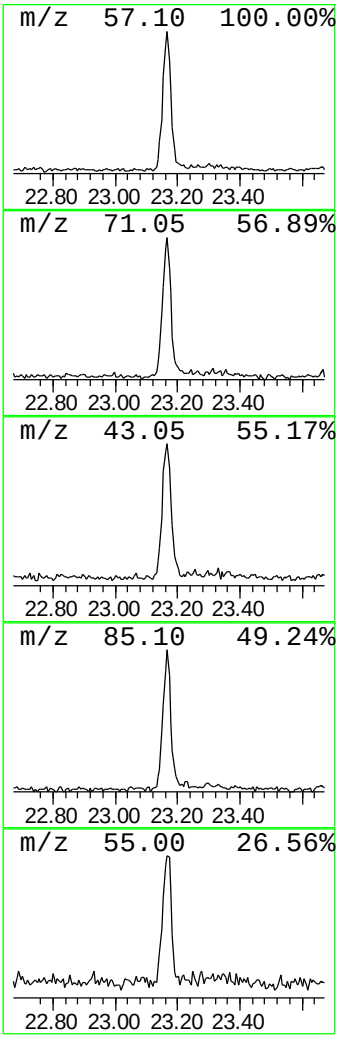
****

Peak Number 7 2-methyloctacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.17	3.52 ng	190329	Chrysene-d12	21.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-methyloctacosane	408	C29H60	1000376-72-8	91
2	Octacosane	394	C28H58	000630-02-4	91
3	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	90
4	Octadecane	254	C18H38	000593-45-3	87
5	Heneicosane	296	C21H44	000629-94-7	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032919\
Data File : BG040242.D
Acq On : 30 Mar 2019 1:56
Operator : JU/SJ
Sample : K2121-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

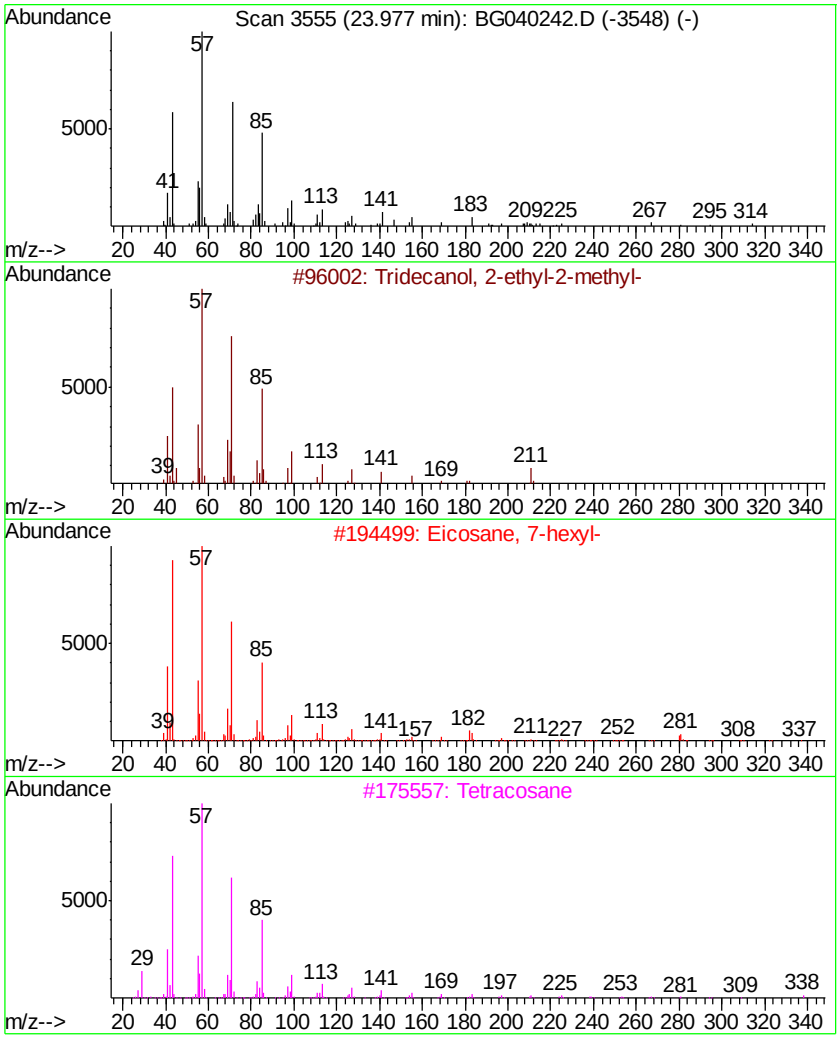
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

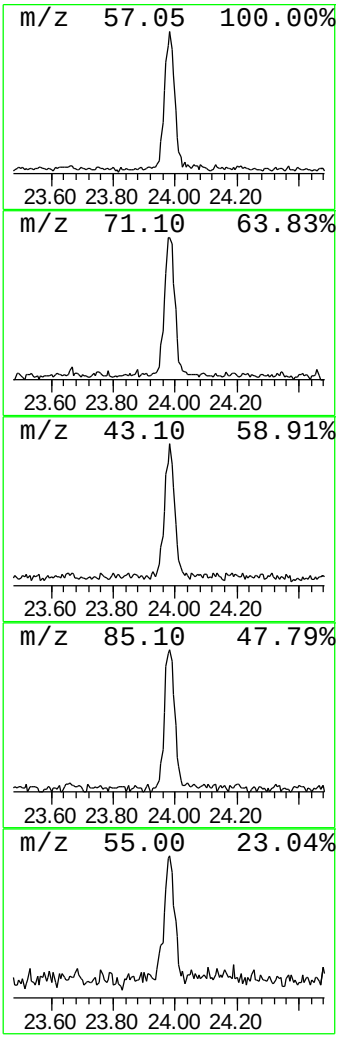
****

Peak Number 8 Tridecanol, 2-ethyl-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.98	3.61 ng	190823	Perylene-d12	25.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanol, 2-ethyl-2-methyl-	242	C16H34O	1000115-66-1	87
2	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	87
3	Tetracosane	338	C24H50	000646-31-1	87
4	Docosane, 11-butyl-	366	C26H54	013475-76-8	86
5	Nonadecane	268	C19H40	000629-92-5	83





Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032919\
Data File : BG040242.D
Acq On : 30 Mar 2019 1:56
Operator : JU/SJ
Sample : K2121-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

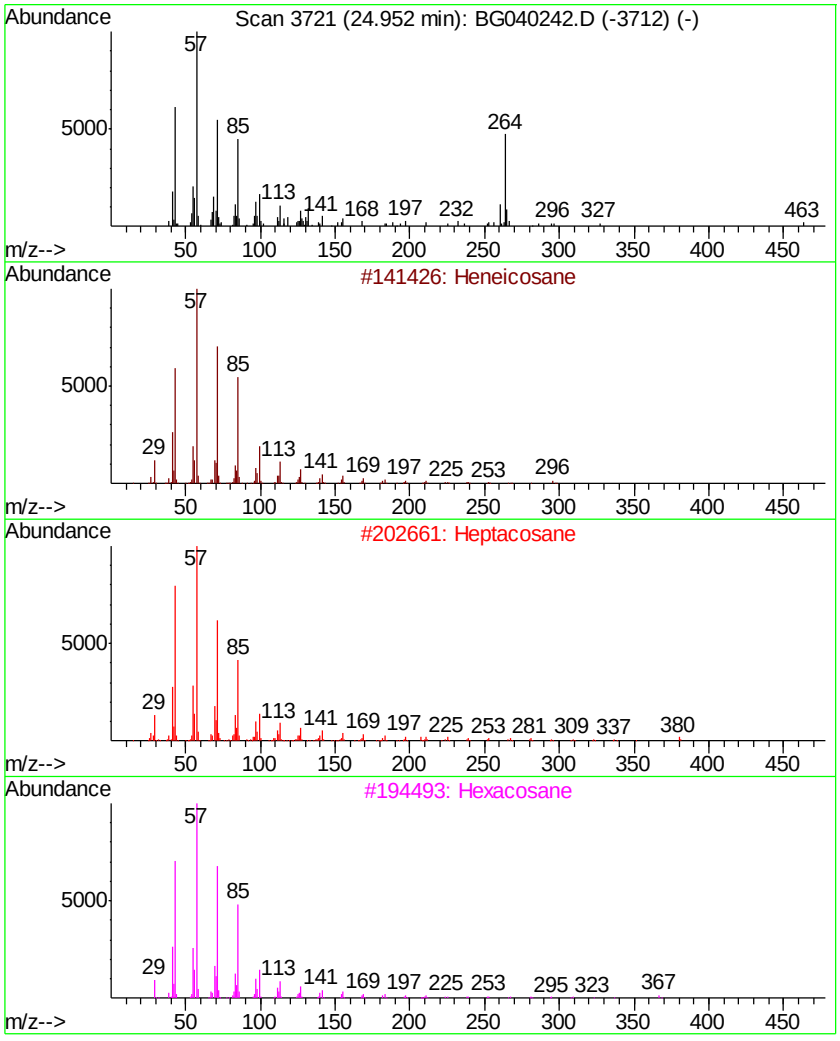
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

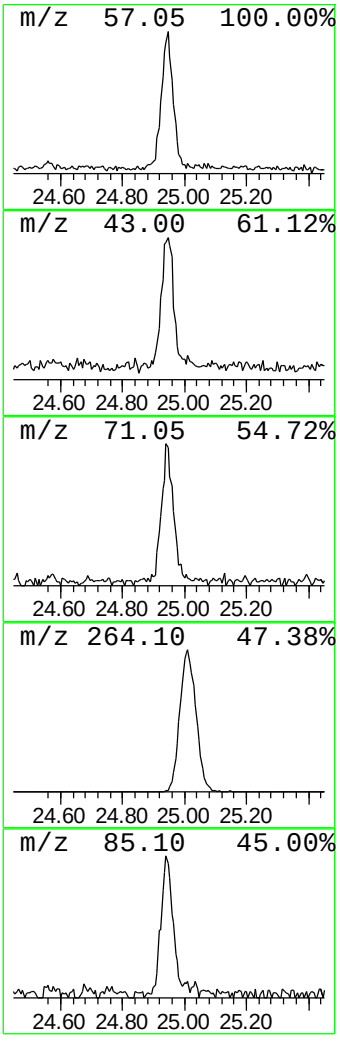
****

Peak Number 9 Heneicosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.95	2.31 ng	122161	Perylene-d12	25.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	96
2	Heptacosane	380	C27H56	000593-49-7	60
3	Hexacosane	366	C26H54	000630-01-3	60
4	Hentriacontane	437	C31H64	000630-04-6	60
5	Octacosane	394	C28H58	000630-02-4	60





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032919\
Data File : BG040242.D
Acq On : 30 Mar 2019 1:56
Operator : JU/SJ
Sample : K2121-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.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
Cyclopentane, met...	3.13	37.9	ng	621470	1	8.05	327707	20.0
Butane, 2-methoxy...	3.20	37.4	ng	613133	1	8.05	327707	20.0
2-Pentanone, 4-hy...	5.15	3.3	ng	53410	1	8.05	327707	20.0
unknown7.58	7.58	96.9	ng	1587640	1	8.05	327707	20.0
Eicosane	22.47	2.5	ng	132230	5	21.71	1081440	20.0
2-methyloctacosane	23.17	3.5	ng	190329	5	21.71	1081440	20.0
Tridecanol, 2-eth...	23.98	3.6	ng	190823	6	25.01	1057600	20.0
Heneicosane	24.95	2.3	ng	122161	6	25.01	1057600	20.0