LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032919\
Data File : BG040252.D
Acq On : 30 Mar 2019 8:35
Operator : JU/SJ
Sample : K2124-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SUMP-PIT-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-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	3.122	3	6	15	rVV	331509	530989	11.58%	2.330%
2	3.199	15	19	30	rVB	360067	512304	11.17%	2.248%
3	5.149	345	351	356	rBV	31084	49552	1.08%	0.217%
4	5.607	422	429	440	rBV	505584	796306	17.37%	3.495%
5	7.206	693	701	712	rBV	337117	622266	13.57%	2.731%
6	7.582	758	765	774	rBV	881269	1537105	33.53%	6.746%
7	8.058	837	846	856	rBV	199676	346180	7.55%	1.519%
8	8.375	892	900	911	rBV	730904	1273342	27.77%	5.589%
9	9.233	1037	1046	1063	rBV	702973	1237122	26.98%	5.430%
10	10.872	1317	1325	1338	rBV	294942	525370	11.46%	2.306%
11	13.310	1729	1740	1749	rVB	1757925	2945283	64.24%	12.927%
12	14.133	1873	1880	1886	rBV2	53174	78501	1.71%	0.345%
13	14.685	1967	1974	1982	rBV2	489458	800240	17.46%	3.512%
14	16.172	2219	2227	2242	rBV	1541691	2431876	53.05%	10.673%
15	17.429	2435	2441	2452	rBV2	680669	1060328	23.13%	4.654%
16	18.293	2584	2588	2594	rBV4	28790	51271	1.12%	0.225%
17	20.038	2878	2885	2894	rBV	2953258	4584493	100.00%	20.121%
18	21.706	3162	3169	3177	rBV2	668218	1184921	25.85%	5.201%
19	21.853	3190	3194	3200	rVB	40684	57119	1.25%	0.251%
20	22.464	3293	3298	3304	rBV2	79634	128423	2.80%	0.564%
21	23.163	3408	3417	3427	rBV	129323	249481	5.44%	1.095%
22	23.980	3549	3556	3564	rBV2	101518	236326	5.15%	1.037%
23	24.949	3712	3721	3722	rBV3	97638	190355	4.15%	0.835%
24	25.008	3723	3731	3748	rVB2	300903	1180556	25.75%	5.181%
25	26.089	3906	3915	3929	rVB4	53728	174802	3.81%	0.767%

Sum of corrected areas: 22784511

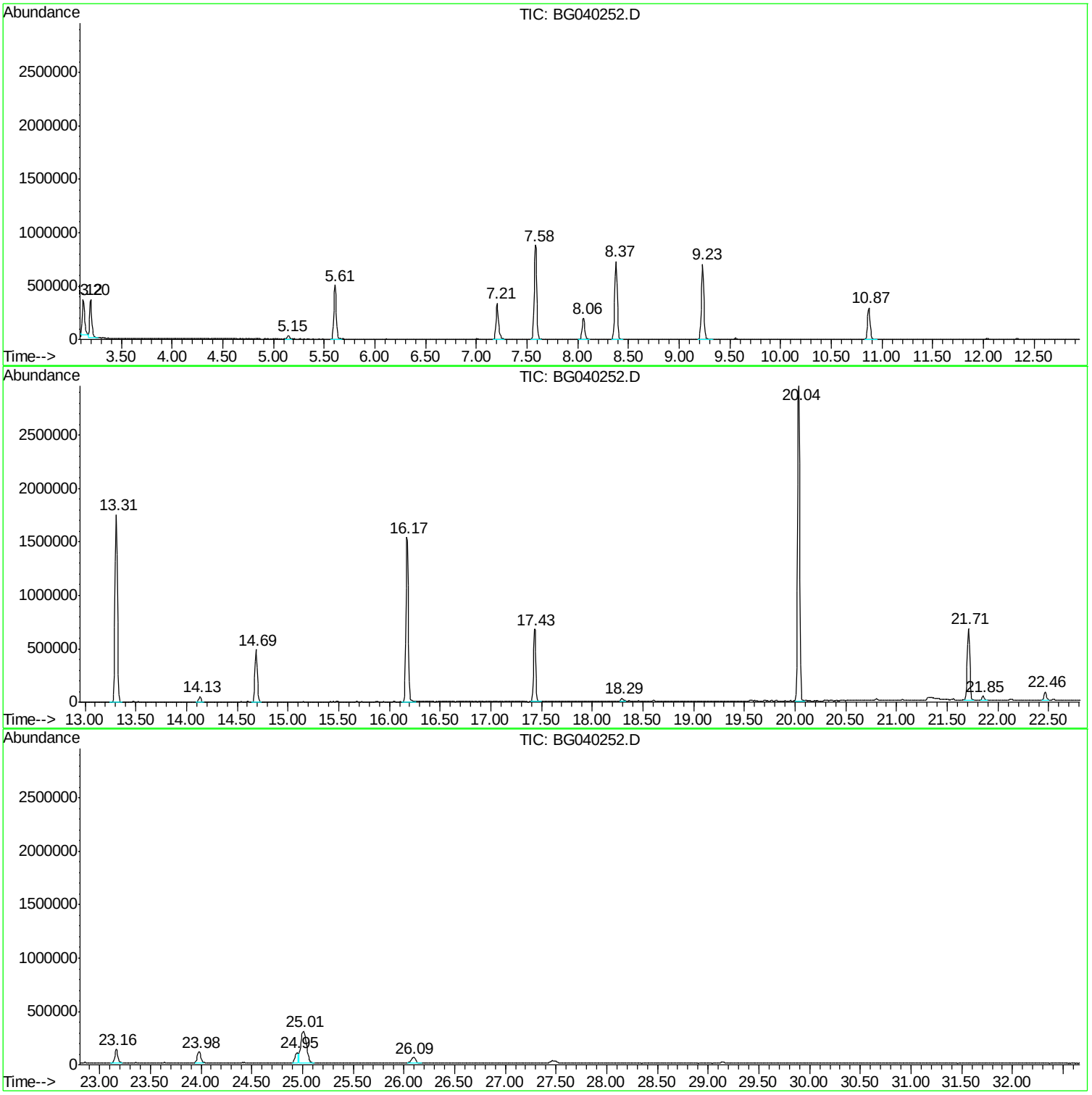
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032919\
Data File : BG040252.D
Acq On : 30 Mar 2019 8:35
Operator : JU/SJ
Sample : K2124-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SUMP-PIT-1

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 : BG040252.D
Acq On : 30 Mar 2019 8:35
Operator : JU/SJ
Sample : K2124-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SUMP-PIT-1

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

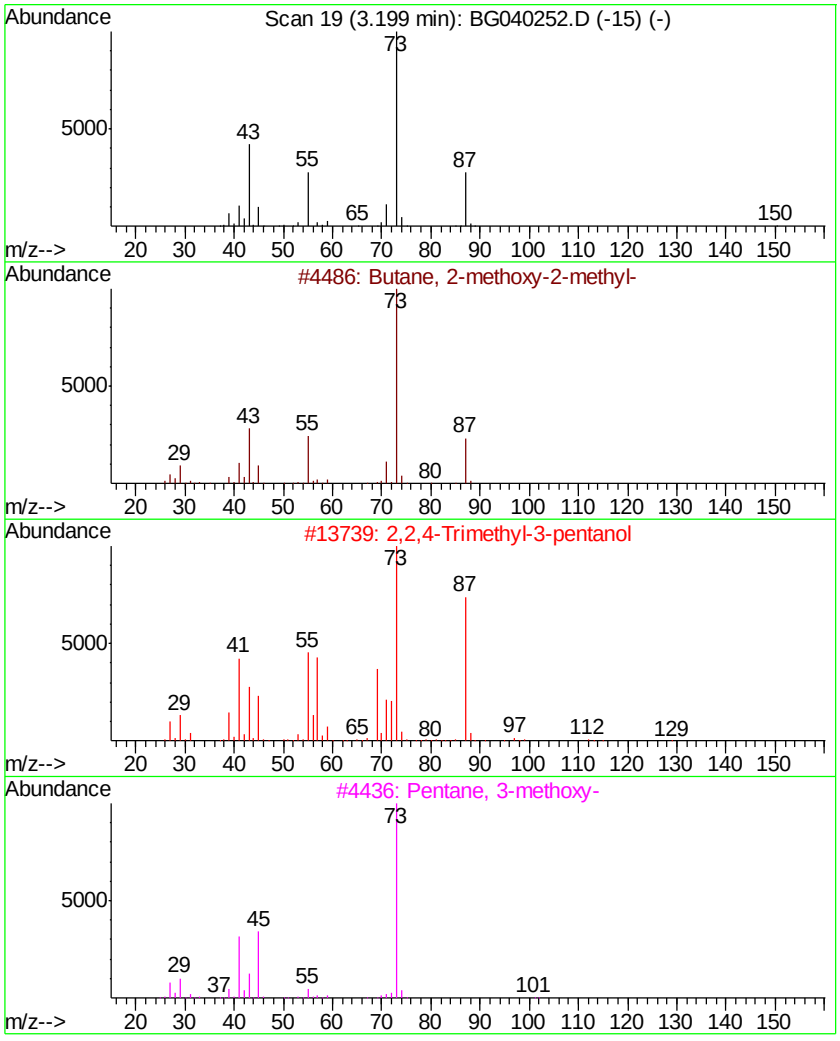
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

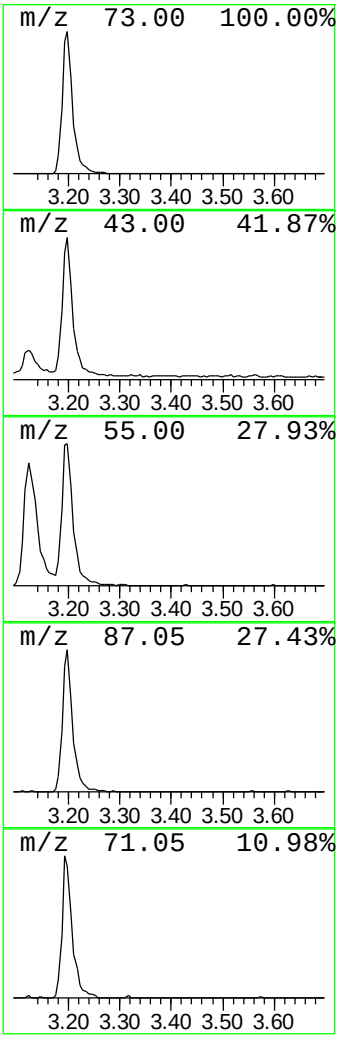
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.20	29.60 ng	512304	1,4-Dichlorobenzene-d4	8.06

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	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032919\
Data File : BG040252.D
Acq On : 30 Mar 2019 8:35
Operator : JU/SJ
Sample : K2124-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SUMP-PIT-1

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

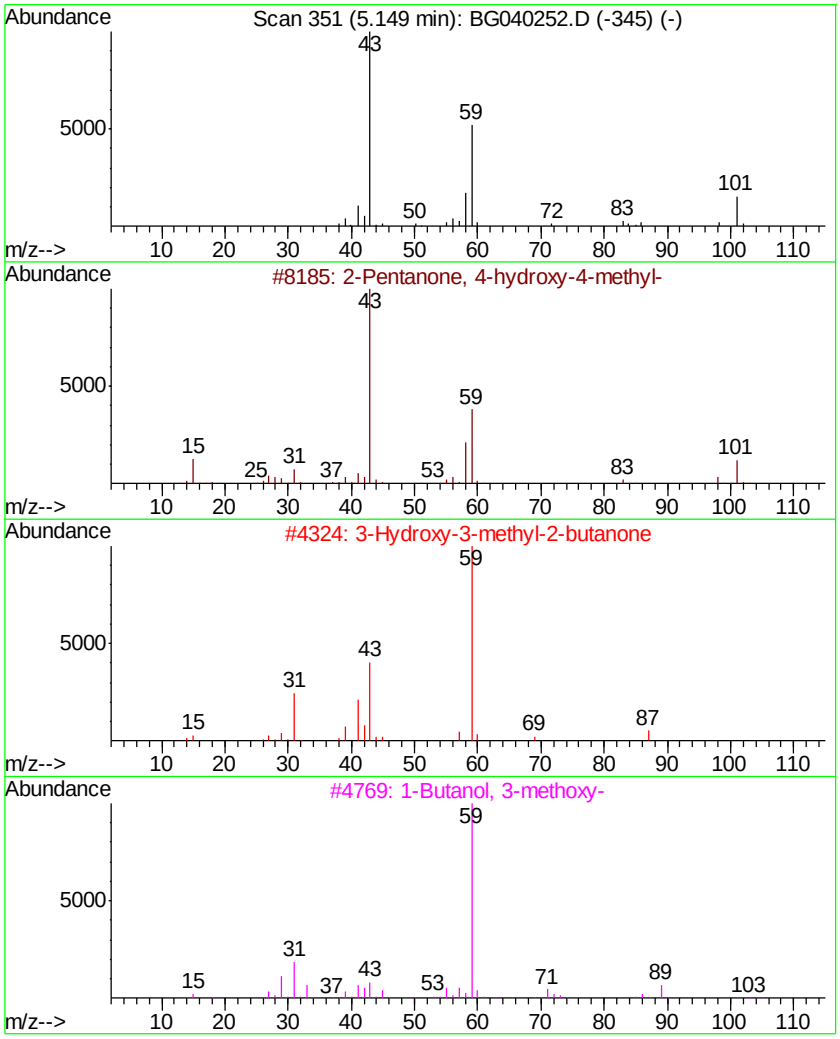
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

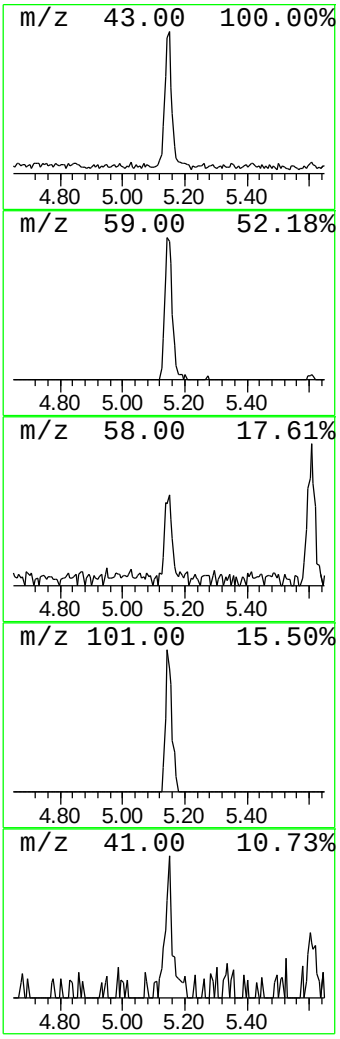
****

Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.15	2.86 ng	49552	1,4-Dichlorobenzene-d4	8.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	42
2	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	35
3	1-Butanol, 3-methoxy-	104	C5H12O2	002517-43-3	23
4	1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	17
5	Diacetamide	101	C4H7NO2	000625-77-4	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032919\
Data File : BG040252.D
Acq On : 30 Mar 2019 8:35
Operator : JU/SJ
Sample : K2124-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SUMP-PIT-1

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

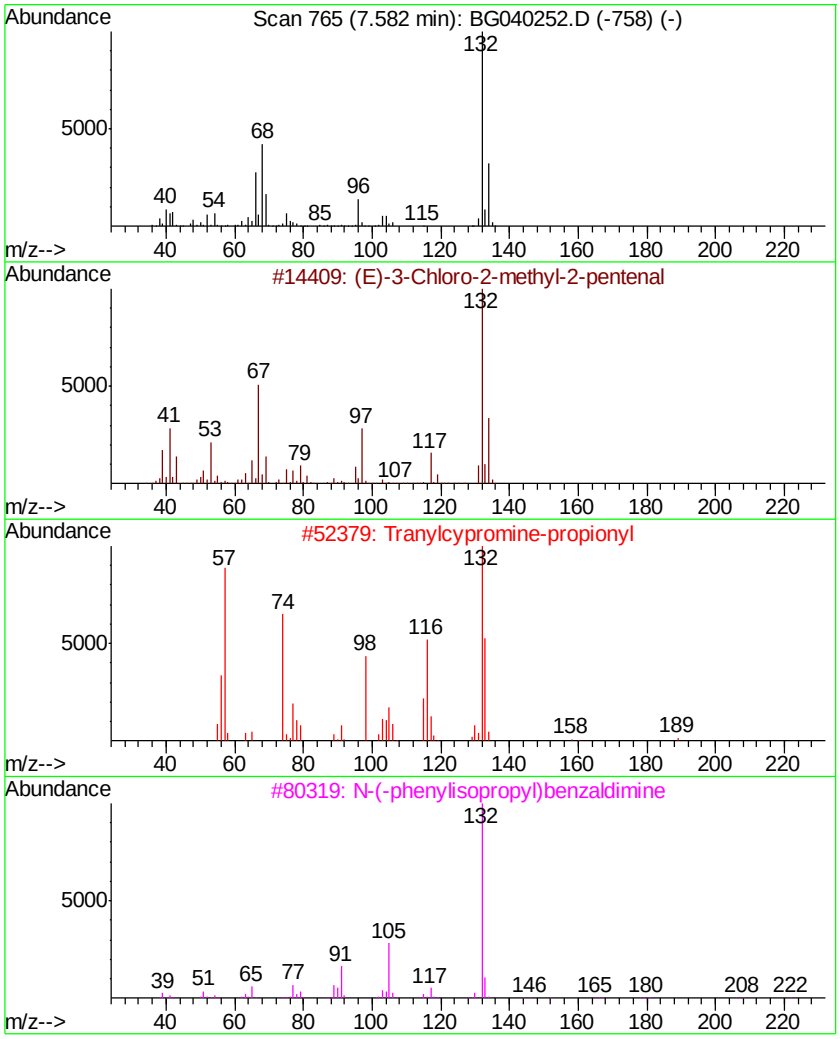
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

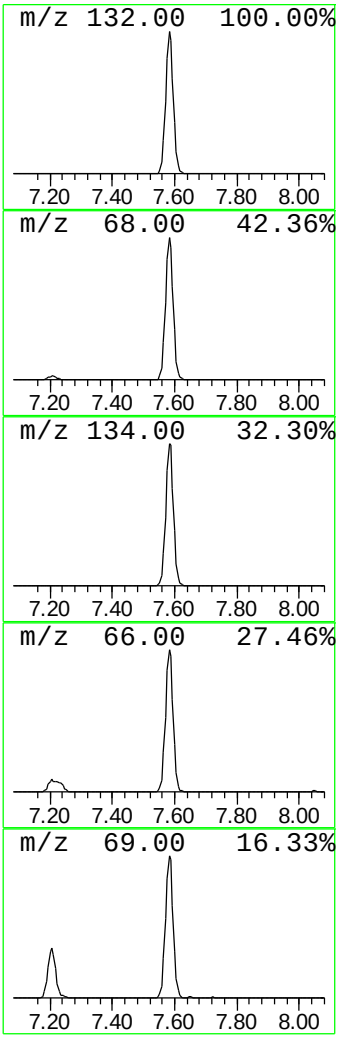
****

Peak Number 4 unknown7.58 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.58	88.80 ng	1537110	1,4-Dichlorobenzene-d4	8.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
3	N-(-phenylisopropyl)benzaldimine	223	C16H17N	1000379-01-3	10
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032919\
Data File : BG040252.D
Acq On : 30 Mar 2019 8:35
Operator : JU/SJ
Sample : K2124-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SUMP-PIT-1

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

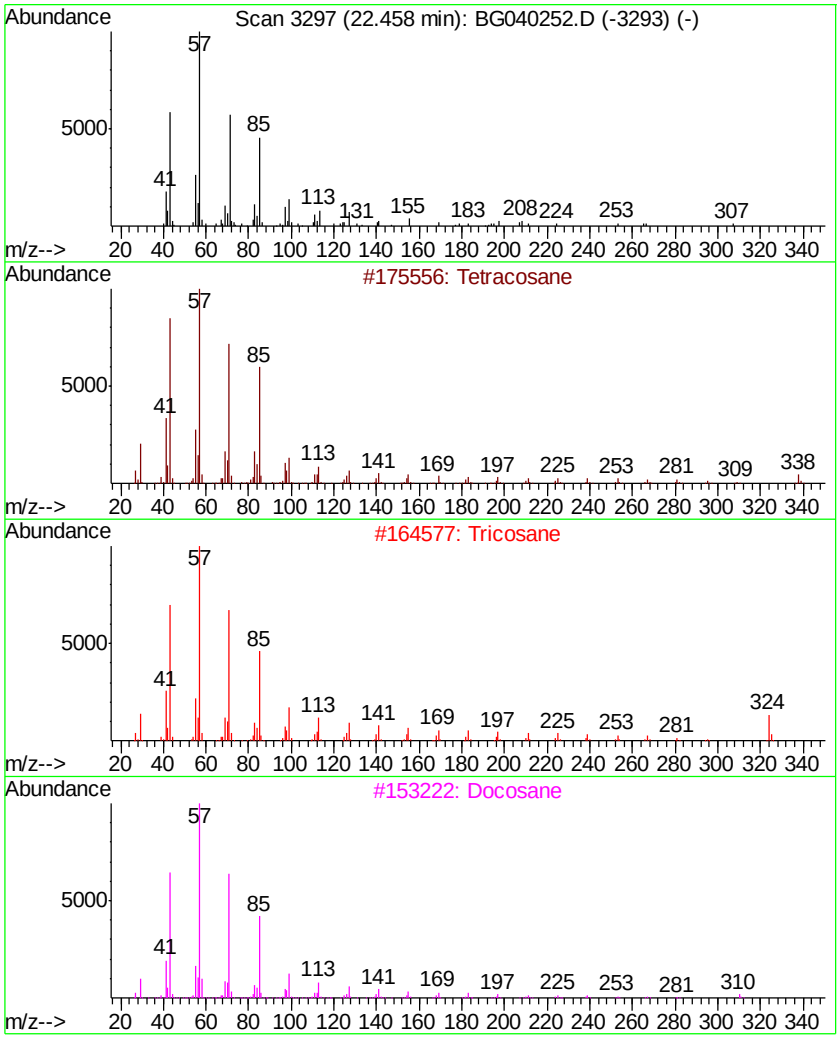
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

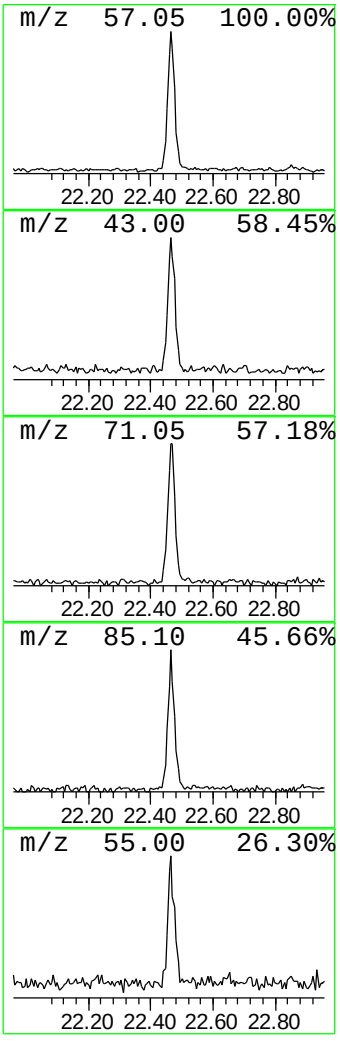
****

Peak Number 6 Tetracosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.46	2.17 ng	128423	Chrysene-d12	21.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	87
2	Tricosane	324	C23H48	000638-67-5	81
3	Docosane	310	C22H46	000629-97-0	72
4	Tetratetracontane	619	C44H90	007098-22-8	70
5	Octacosane	394	C28H58	000630-02-4	68





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032919\
Data File : BG040252.D
Acq On : 30 Mar 2019 8:35
Operator : JU/SJ
Sample : K2124-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SUMP-PIT-1

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

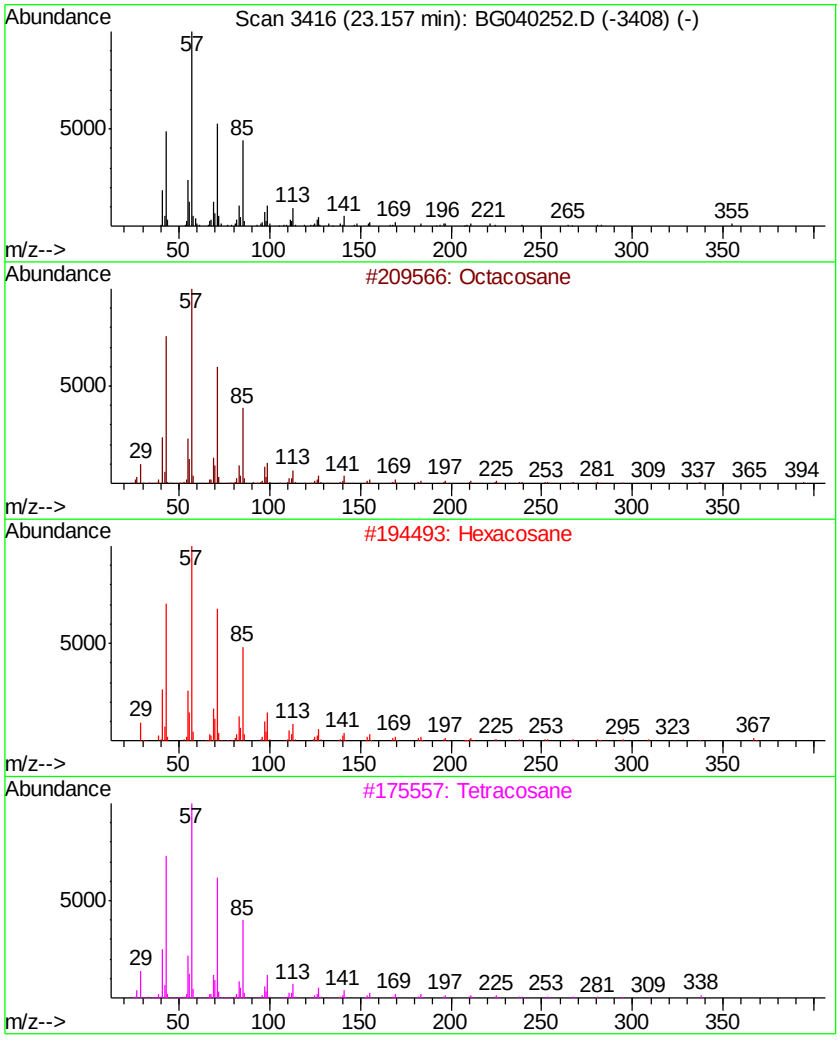
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

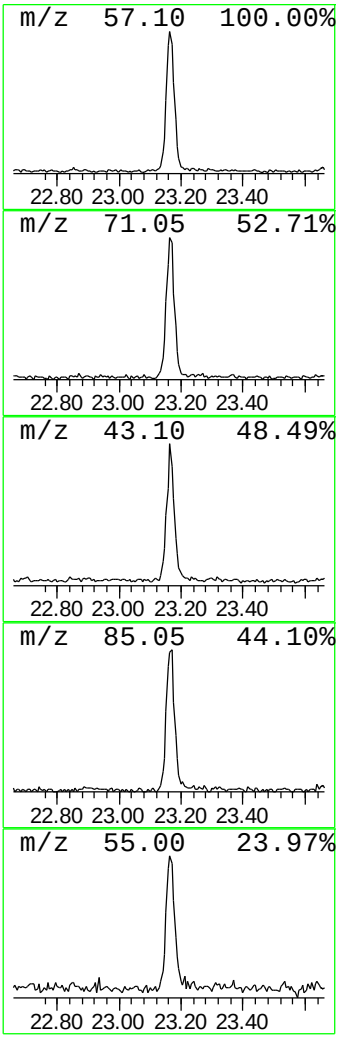
****

Peak Number 7 Octacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.16	4.21 ng	249481	Chrysene-d12	21.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	90
2	Hexacosane	366	C26H54	000630-01-3	87
3	Tetracosane	338	C24H50	000646-31-1	87
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87
5	Pentacosane	352	C25H52	000629-99-2	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032919\
Data File : BG040252.D
Acq On : 30 Mar 2019 8:35
Operator : JU/SJ
Sample : K2124-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SUMP-PIT-1

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

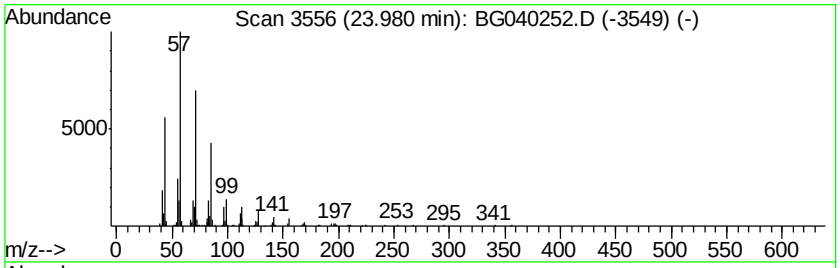
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

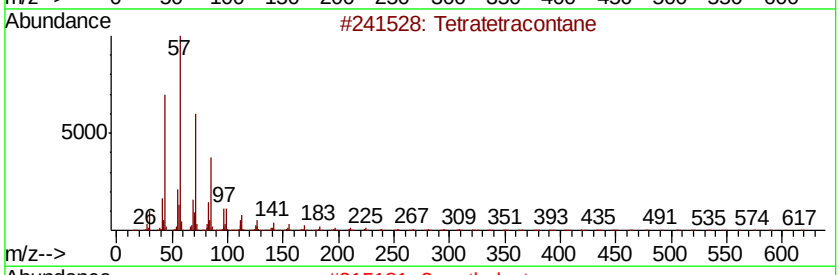
****

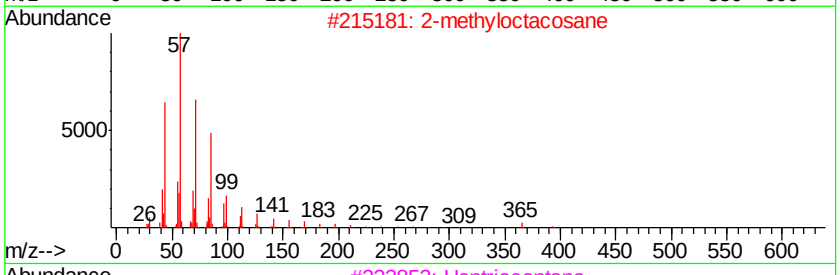
Peak Number 8 Tetratetracontane Concentration Rank 6

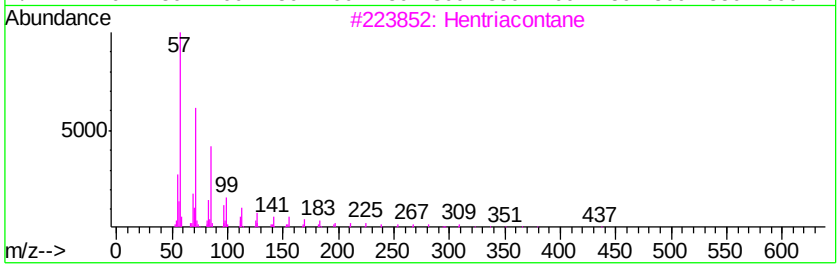
R.T.	EstConc	Area	Relative to ISTD	R.T.
23.98	4.00 ng	236326	Perylene-d12	25.01

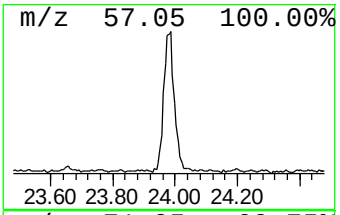
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetratetracontane	619	C44H90	007098-22-8	91
2	2-methyloctacosane	408	C29H60	1000376-72-8	91
3	Hentriacontane	437	C31H64	000630-04-6	91
4	Tetracosane, 11-decyl-	479	C34H70	055429-84-0	91
5	Docosane	310	C22H46	000629-97-0	91

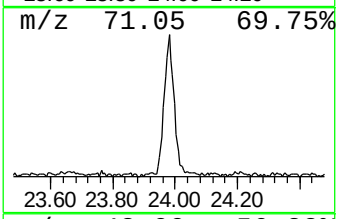


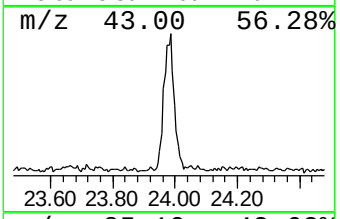


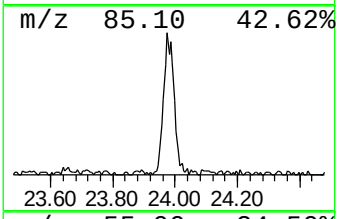


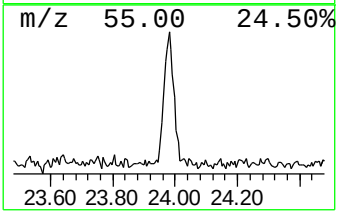












Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032919\
Data File : BG040252.D
Acq On : 30 Mar 2019 8:35
Operator : JU/SJ
Sample : K2124-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SUMP-PIT-1

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

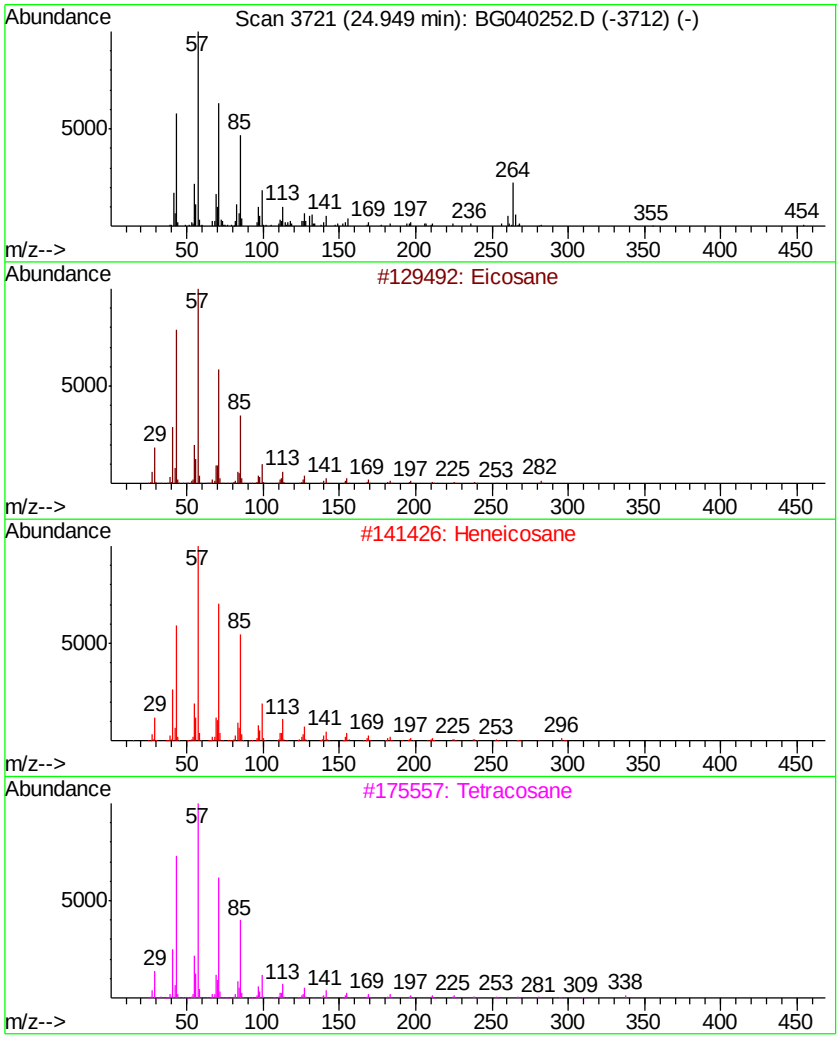
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

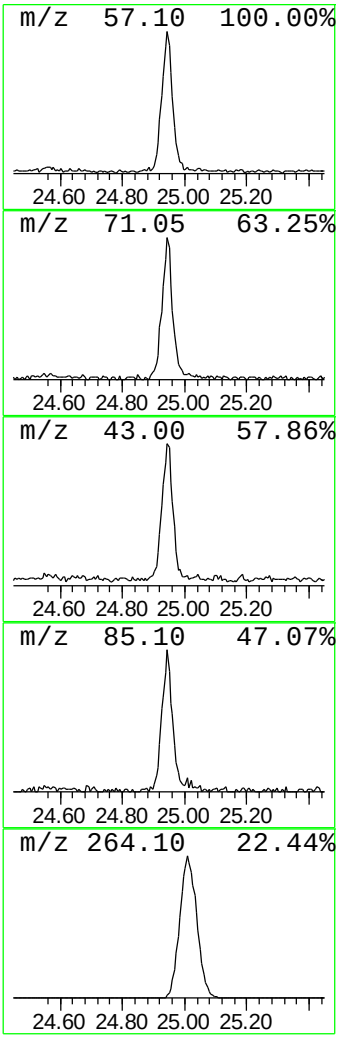
****

Peak Number 9 Eicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.95	3.22 ng	190355	Perylene-d12	25.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	86
2	Heneicosane	296	C21H44	000629-94-7	81
3	Tetracosane	338	C24H50	000646-31-1	74
4	Heptacosane	380	C27H56	000593-49-7	74
5	Triacontane	422	C30H62	000638-68-6	74





Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032919\
Data File : BG040252.D
Acq On : 30 Mar 2019 8:35
Operator : JU/SJ
Sample : K2124-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SUMP-PIT-1

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

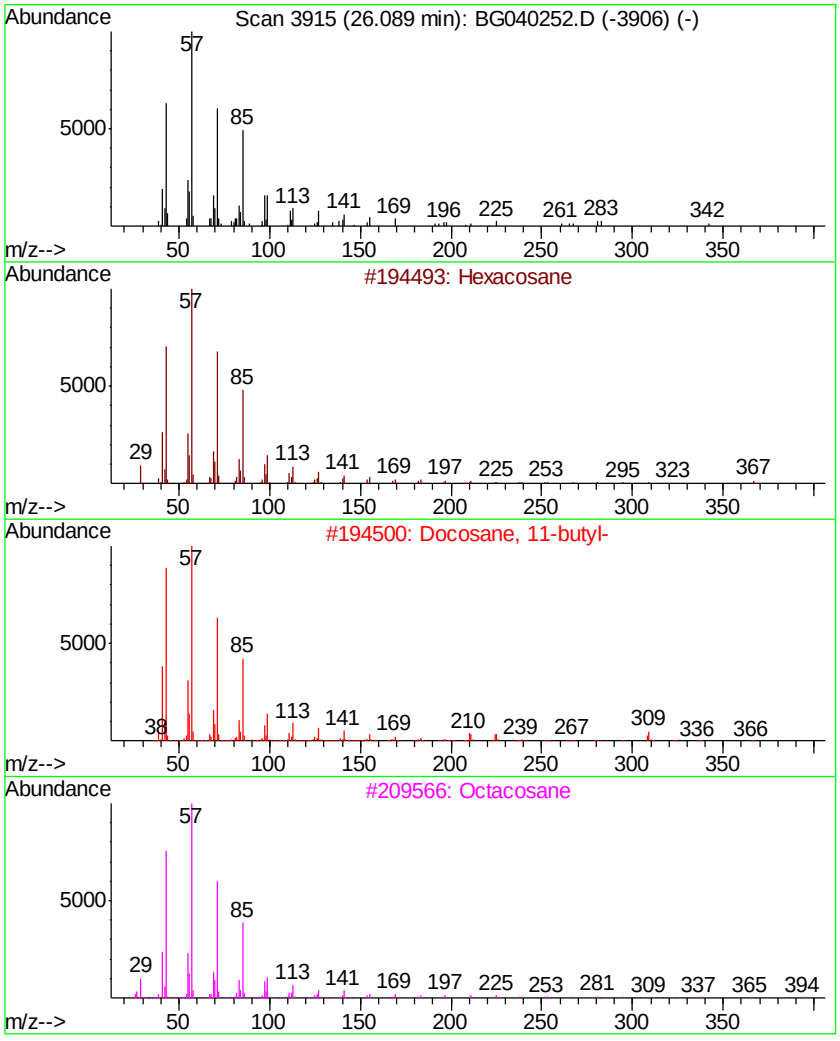
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

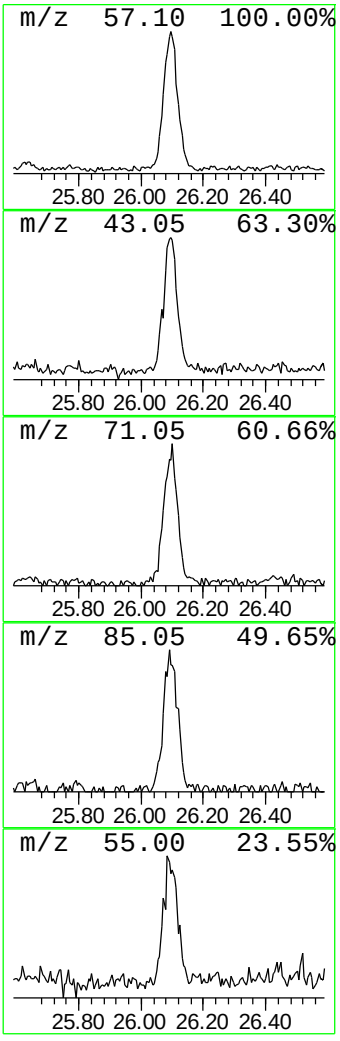
****

Peak Number 10 Hexacosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.09	2.96 ng	174802	Perylene-d12	25.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	90
2	Docosane, 11-butyl-	366	C26H54	013475-76-8	90
3	Octacosane	394	C28H58	000630-02-4	90
4	Tetratetracontane	619	C44H90	007098-22-8	90
5	Heptadecane, 2-methyl-	254	C18H38	001560-89-0	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032919\
Data File : BG040252.D
Acq On : 30 Mar 2019 8:35
Operator : JU/SJ
Sample : K2124-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SUMP-PIT-1

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
Butane, 2-methoxy...	3.20	29.6	ng	512304	1	8.06	346180	20.0
2-Pentanone, 4-hy...	5.15	2.9	ng	49552	1	8.06	346180	20.0
unknown7.58	7.58	88.8	ng	1537110	1	8.06	346180	20.0
Tetracosane	22.46	2.2	ng	128423	5	21.71	1184920	20.0
Octacosane	23.16	4.2	ng	249481	5	21.71	1184920	20.0
Tetratetracontane	23.98	4.0	ng	236326	6	25.01	1180560	20.0
Eicosane	24.95	3.2	ng	190355	6	25.01	1180560	20.0
Hexacosane	26.09	3.0	ng	174802	6	25.01	1180560	20.0