LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062719\
Data File : BG041500.D
Acq On : 27 Jun 2019 22:45
Operator : HP/JU
Sample : K3552-13
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : M-7

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-BG062619.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	5.567	415	422	438	rBV	471366	802634	34.12%	6.713%
2	7.188	691	698	713	rBV	544278	928108	39.45%	7.762%
3	7.559	754	761	771	rBV	520916	891602	37.90%	7.457%
4	8.029	835	841	851	rVB	93550	166265	7.07%	1.391%
5	8.352	889	896	906	rVB	394658	673644	28.63%	5.634%
6	9.210	1035	1042	1053	rBV	320606	608425	25.86%	5.089%
7	10.855	1316	1322	1330	rVB	114696	204157	8.68%	1.707%
8	13.293	1730	1737	1747	rBV	932067	1389679	59.07%	11.623%
9	13.534	1773	1778	1785	rVB3	36626	58452	2.48%	0.489%
10	14.121	1872	1878	1892	rVB	153633	230063	9.78%	1.924%
11	14.674	1966	1972	1985	rBV2	211272	336629	14.31%	2.815%
12	16.166	2219	2226	2240	rBV	782732	1244239	52.89%	10.406%
13	17.423	2433	2440	2453	rBV2	299971	461585	19.62%	3.861%
14	18.281	2582	2586	2596	rBV3	26216	59604	2.53%	0.499%
15	19.157	2728	2735	2736	rBV4	16578	23801	1.01%	0.199%
16	20.026	2877	2883	2889	rBV	1838244	2352687	100.00%	19.677%
17	21.695	3160	3167	3178	rBV2	329624	535165	22.75%	4.476%
18	21.830	3187	3190	3196	rVB2	23502	33223	1.41%	0.278%
19	22.441	3288	3294	3299	rBV2	44527	83775	3.56%	0.701%
20	23.140	3406	3413	3419	rBV	46244	85741	3.64%	0.717%
21	23.945	3543	3550	3556	rBV2	43762	94310	4.01%	0.789%
22	24.897	3704	3712	3717	rBV4	35571	87741	3.73%	0.734%
23	24.979	3717	3726	3739	rVB3	170276	504837	21.46%	4.222%
24	26.037	3898	3906	3914	rVB6	25439	71070	3.02%	0.594%
25	27.406	4133	4139	4147	rVB6	13351	29116	1.24%	0.244%

Sum of corrected areas: 11956552

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062719\
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Misc :
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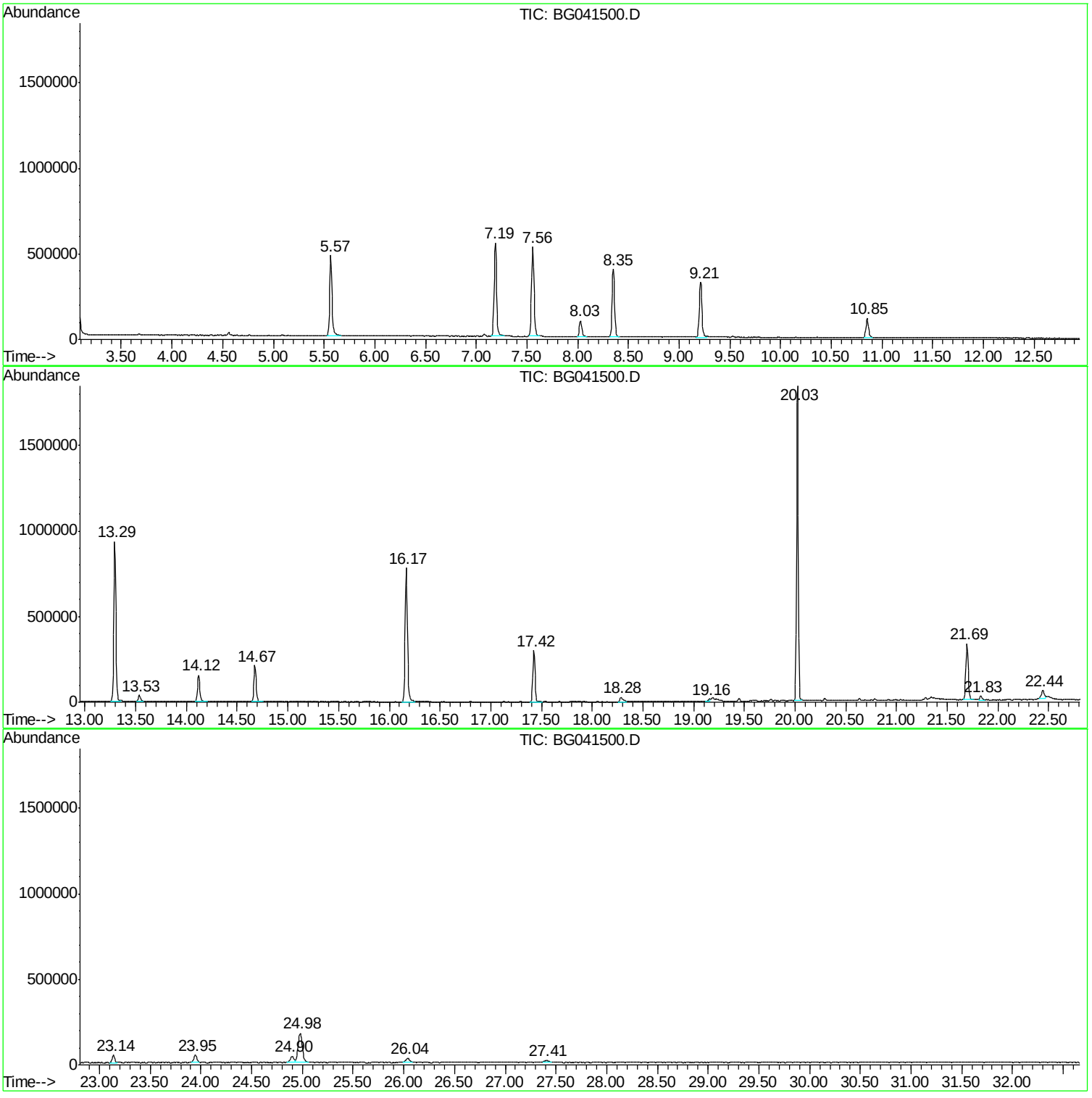
Instrument :
BNA_G
ClientSampleId :
M-7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG062619.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\BG062719\
Data File : BG041500.D
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Operator : HP/JU
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

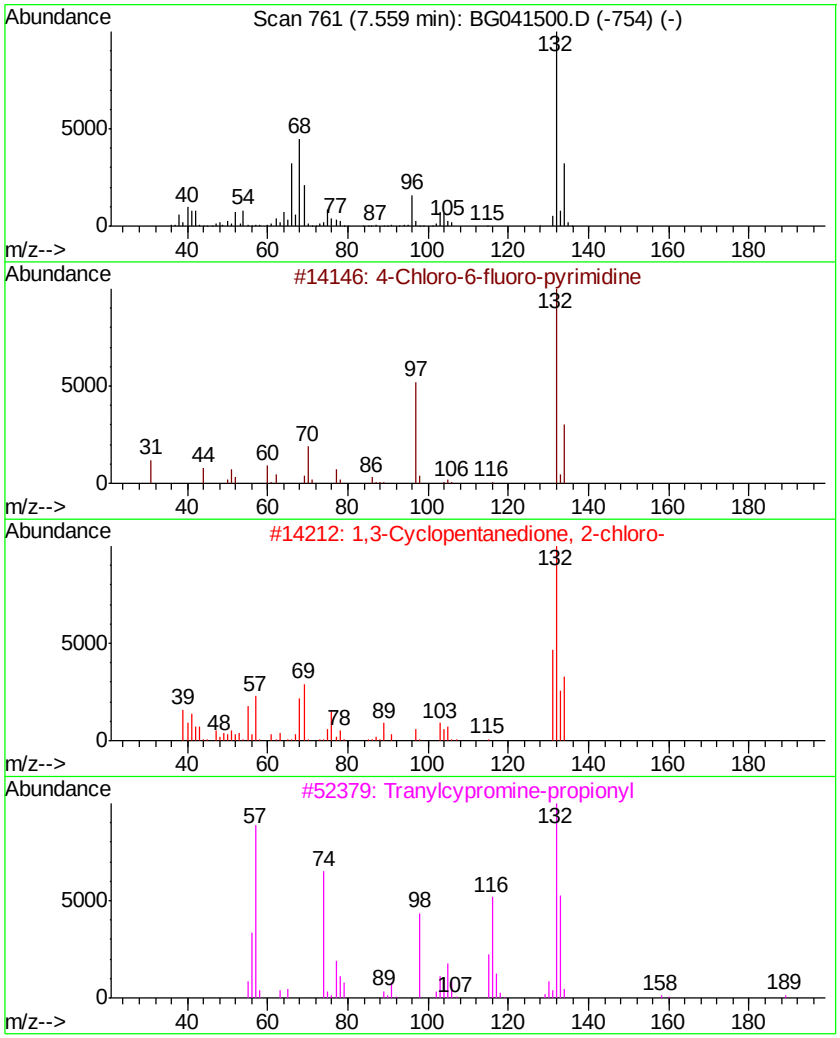
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

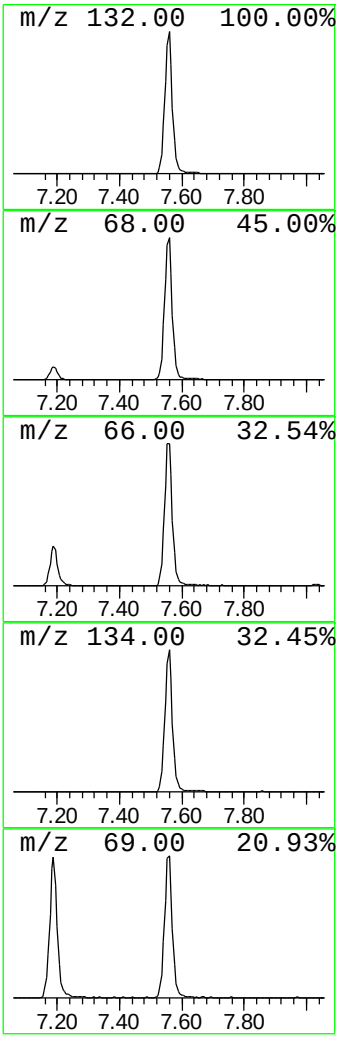
****

Peak Number 1 unknown7.56 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.56	107.25 ng	891602	1,4-Dichlorobenzene-d4	8.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	23
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	22
4	5-Aminoindole	132	C8H8N2	005192-03-0	22
5	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062719\
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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : M-7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG062619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

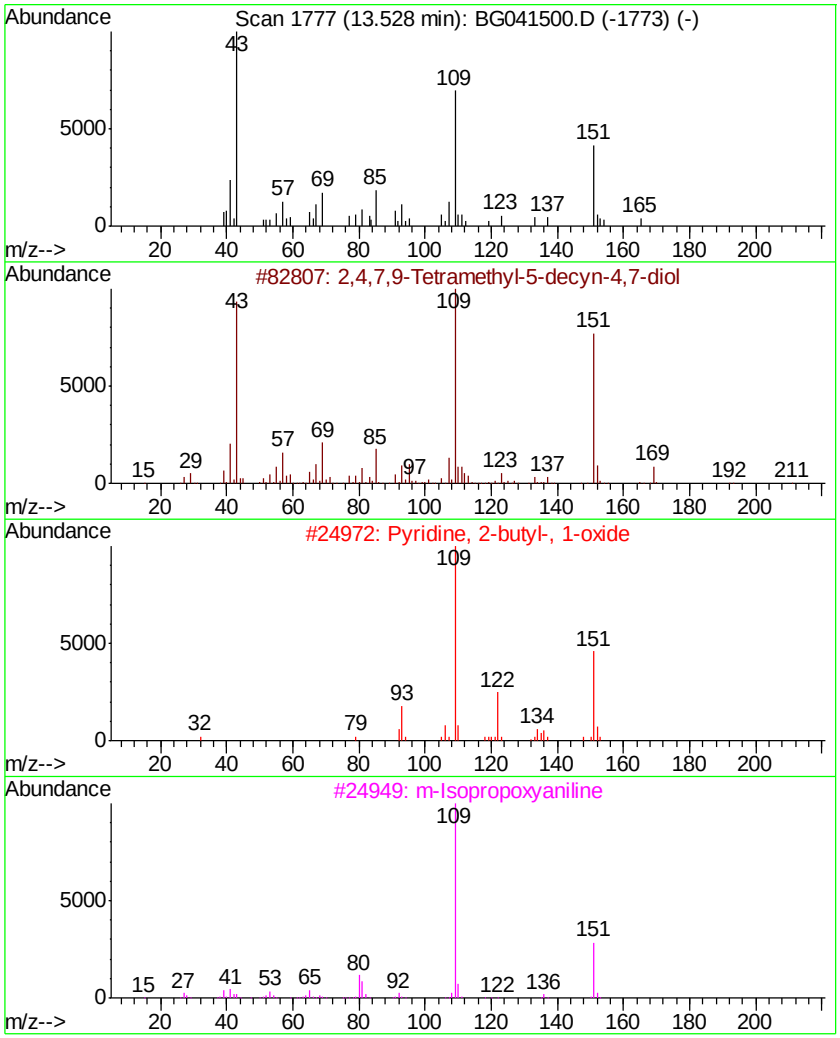
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

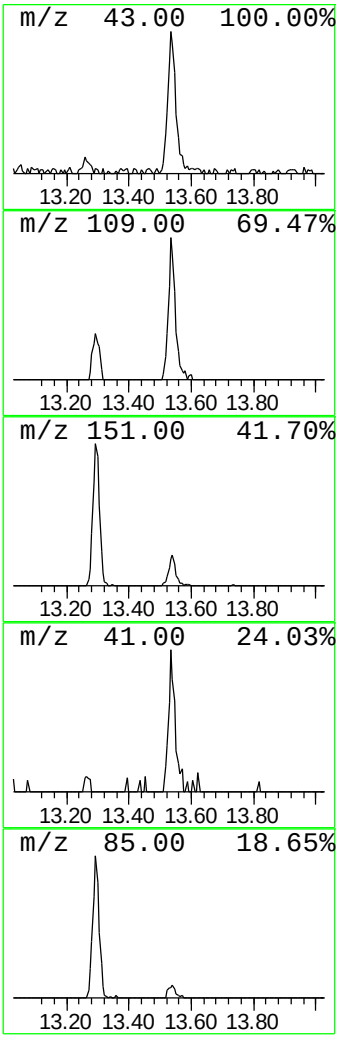
****

Peak Number 3 2,4,7,9-Tetramethyl-5-decyn... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.53	3.47 ng	58452	Acenaphthene-d10	14.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	91
2	Pyridine, 2-butyl-, 1-oxide	151	C9H13NO	031396-32-4	59
3	m-Isopropoxyaniline	151	C9H13NO	041406-00-2	53
4	Acetaminophen	151	C8H9NO2	000103-90-2	53
5	3-Pyridinol, 4-methyl-, acetate ...	151	C8H9NO2	001006-96-8	53





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062719\
Data File : BG041500.D
Acq On : 27 Jun 2019 22:45
Operator : HP/JU
Sample : K3552-13
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : M-7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG062619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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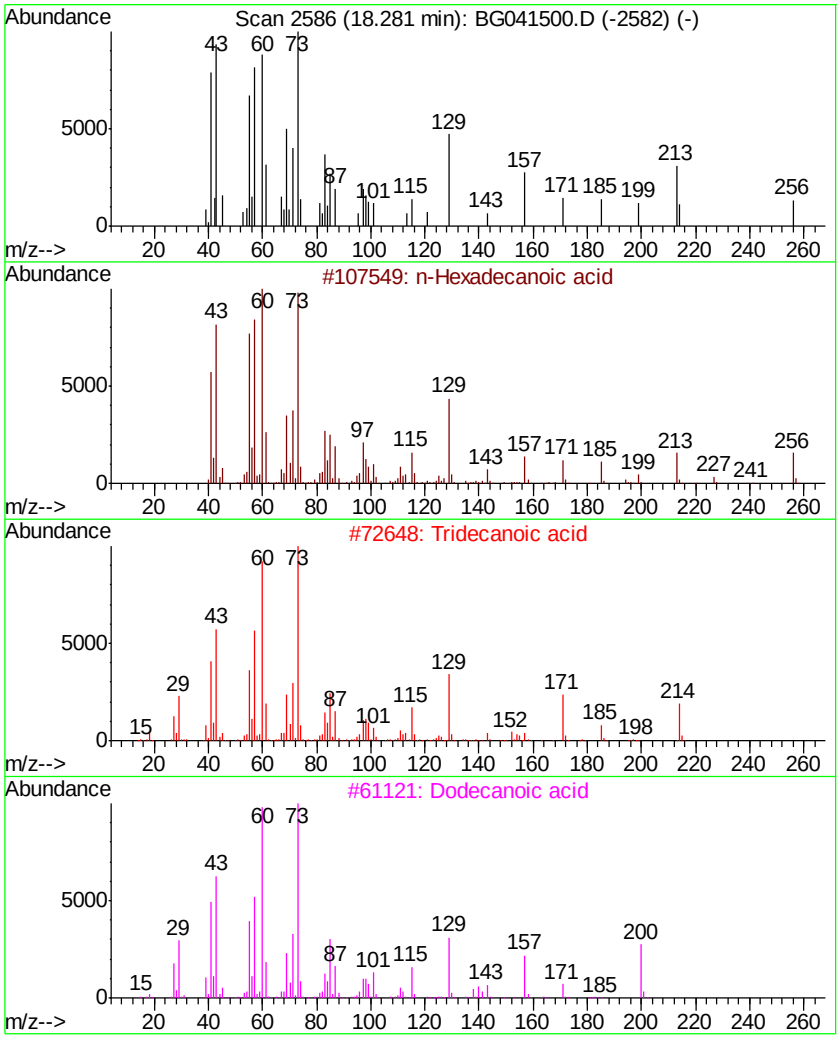
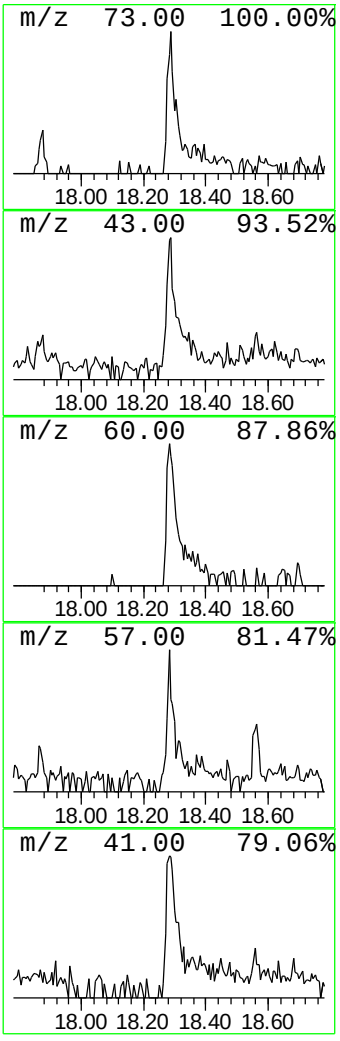
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.28	2.58 ng	59604	Phenanthrene-d10	17.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	91
3	Dodecanoic acid	200	C12H24O2	000143-07-7	72
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	72
5	n-Decanoic acid	172	C10H20O2	000334-48-5	53





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062719\
Data File : BG041500.D
Acq On : 27 Jun 2019 22:45
Operator : HP/JU
Sample : K3552-13
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : M-7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG062619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

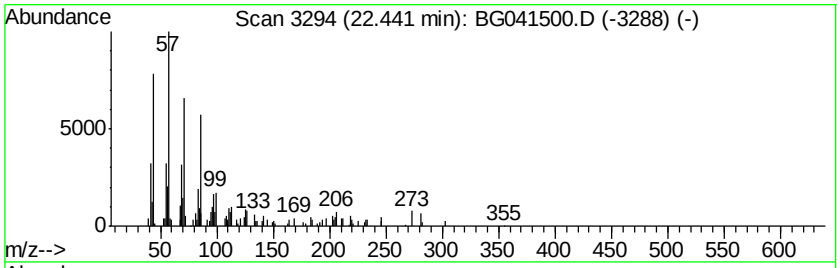
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

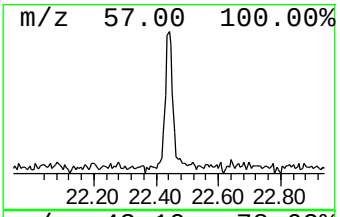
****

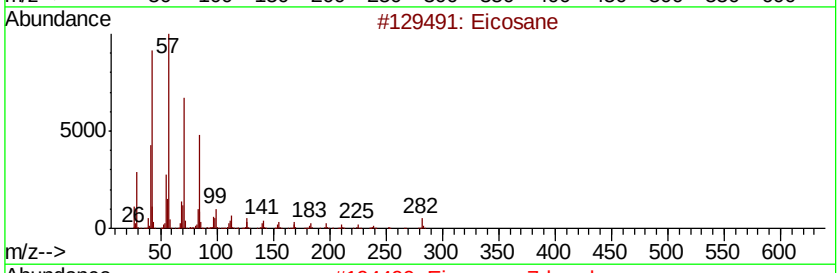
Peak Number 5 Eicosane Concentration Rank 7

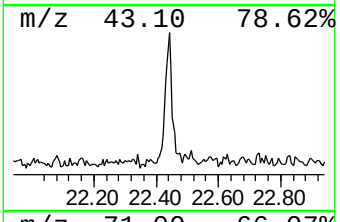
R.T.	EstConc	Area	Relative to ISTD	R.T.
22.44	3.13 ng	83775	Chrysene-d12	21.69

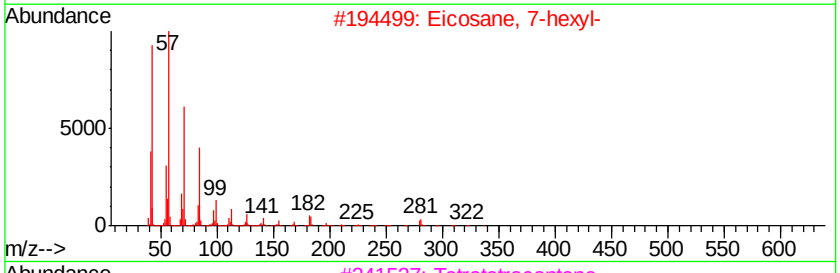
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	93
2	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	80
3	Tetratetracontane	619	C44H90	007098-22-8	74
4	Hexacosane	366	C26H54	000630-01-3	74
5	10-Methylnonadecane	282	C20H42	056862-62-5	74

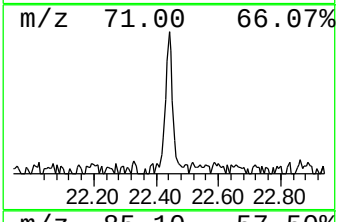


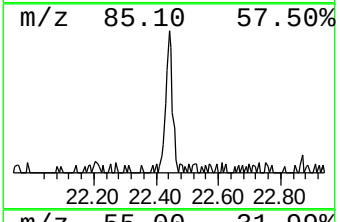


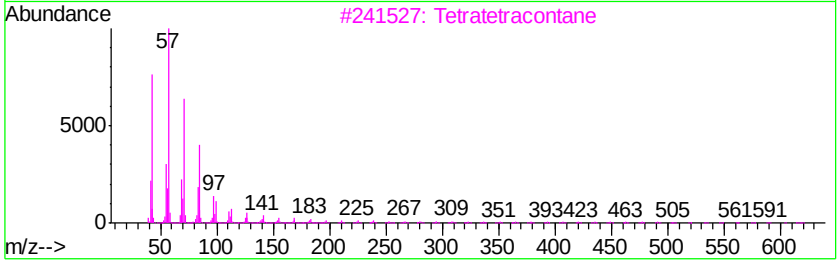


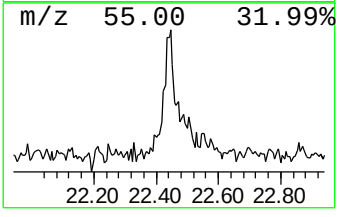












Library Search Compound Report

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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : M-7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG062619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

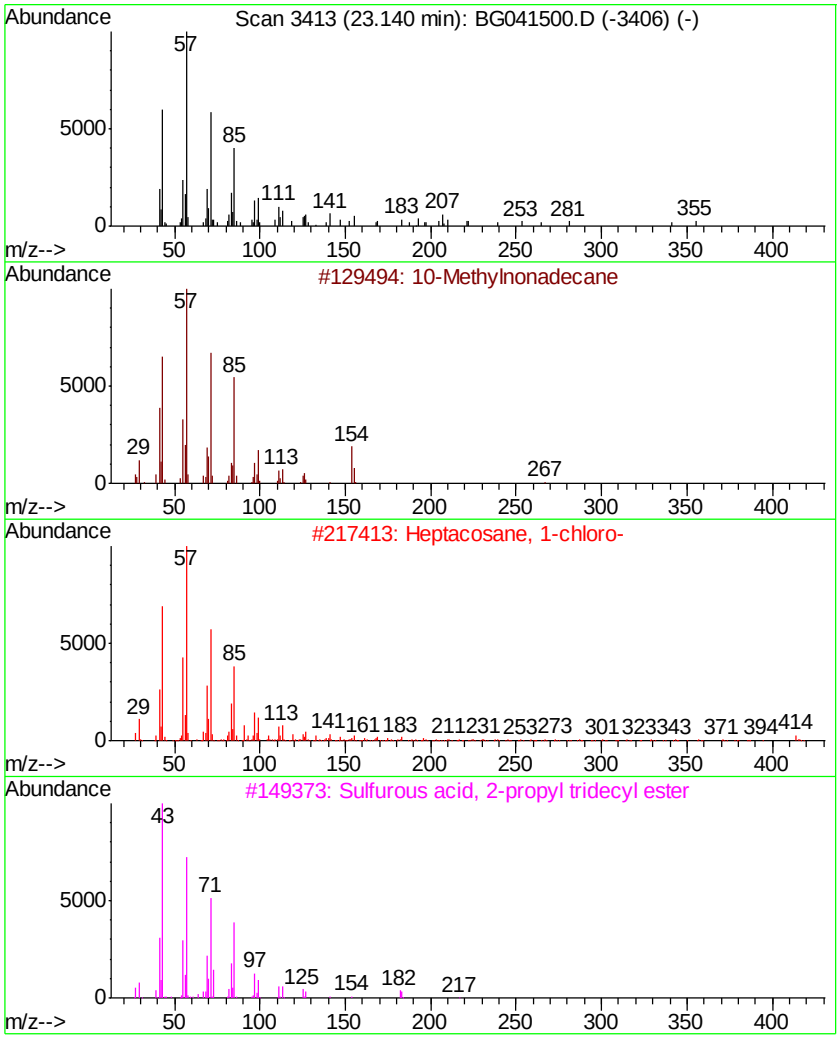
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

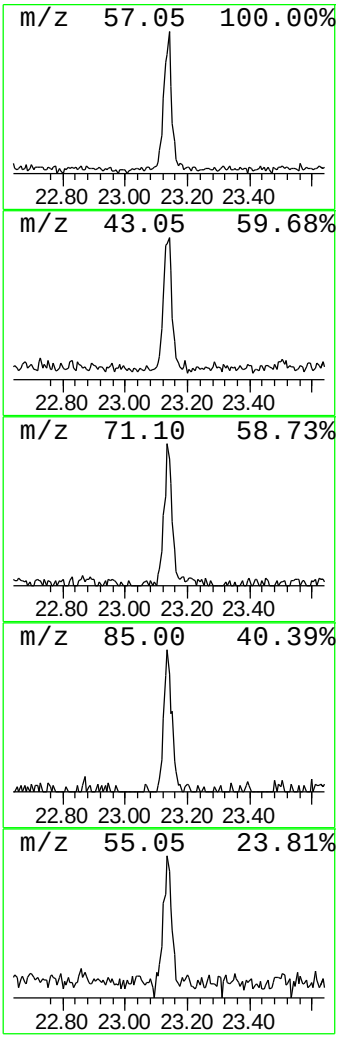
****

Peak Number 6 10-Methylnonadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.14	3.20 ng	85741	Chrysene-d12	21.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10-Methylnonadecane	282	C20H42	056862-62-5	90
2	Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	90
3	Sulfurous acid, 2-propyl tridecy...	306	C16H34O3S	1000309-12-4	90
4	Tetratetracontane	619	C44H90	007098-22-8	90
5	2-methyloctacosane	408	C29H60	1000376-72-8	90





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Instrument : BNA_G
ClientSampleId : M-7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG062619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

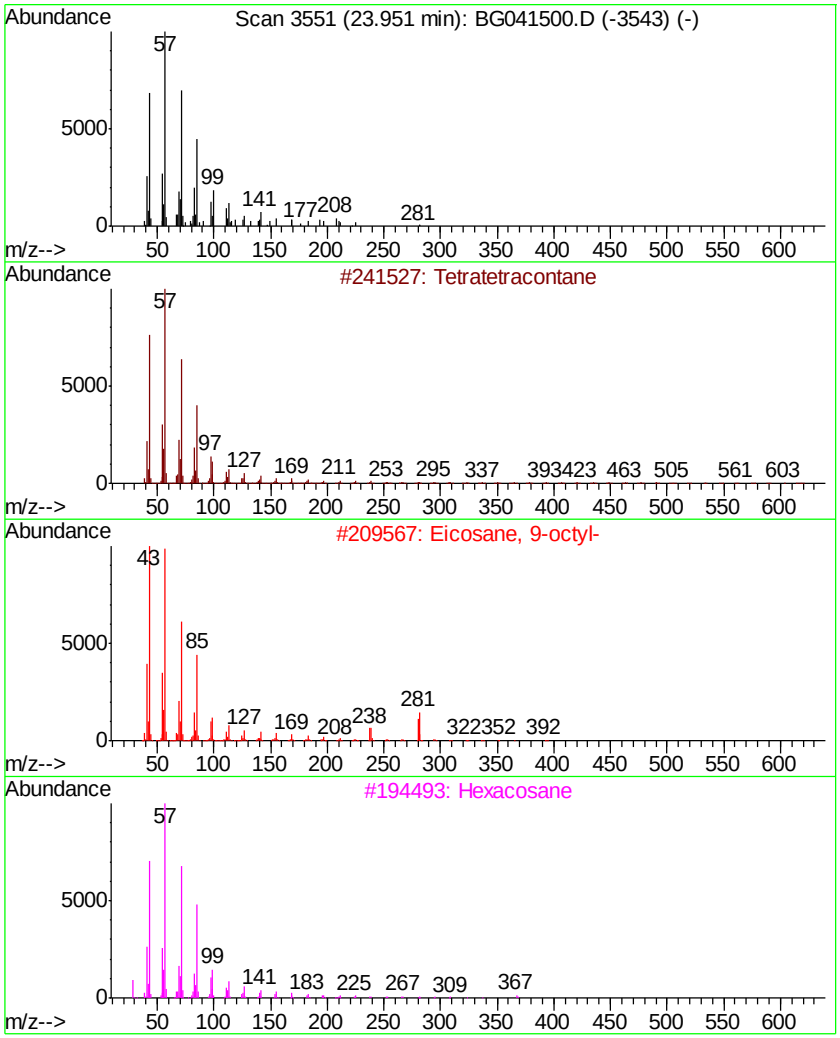
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

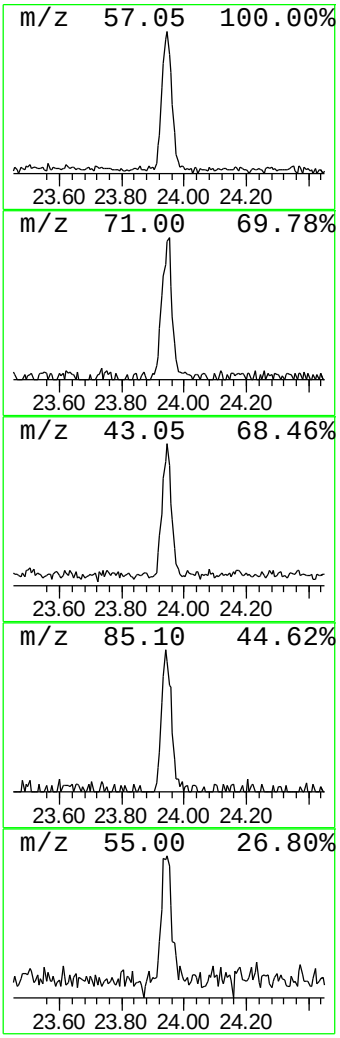
****

Peak Number 7 Tetratetracontane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.95	3.74 ng	94310	Perylene-d12	24.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetratetracontane	619	C44H90	007098-22-8	91
2	Eicosane, 9-octyl-	394	C28H58	013475-77-9	91
3	Hexacosane	366	C26H54	000630-01-3	90
4	Heptacosane	380	C27H56	000593-49-7	90
5	Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	87





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Sample : K3552-13
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Instrument : BNA_G
ClientSampleId : M-7

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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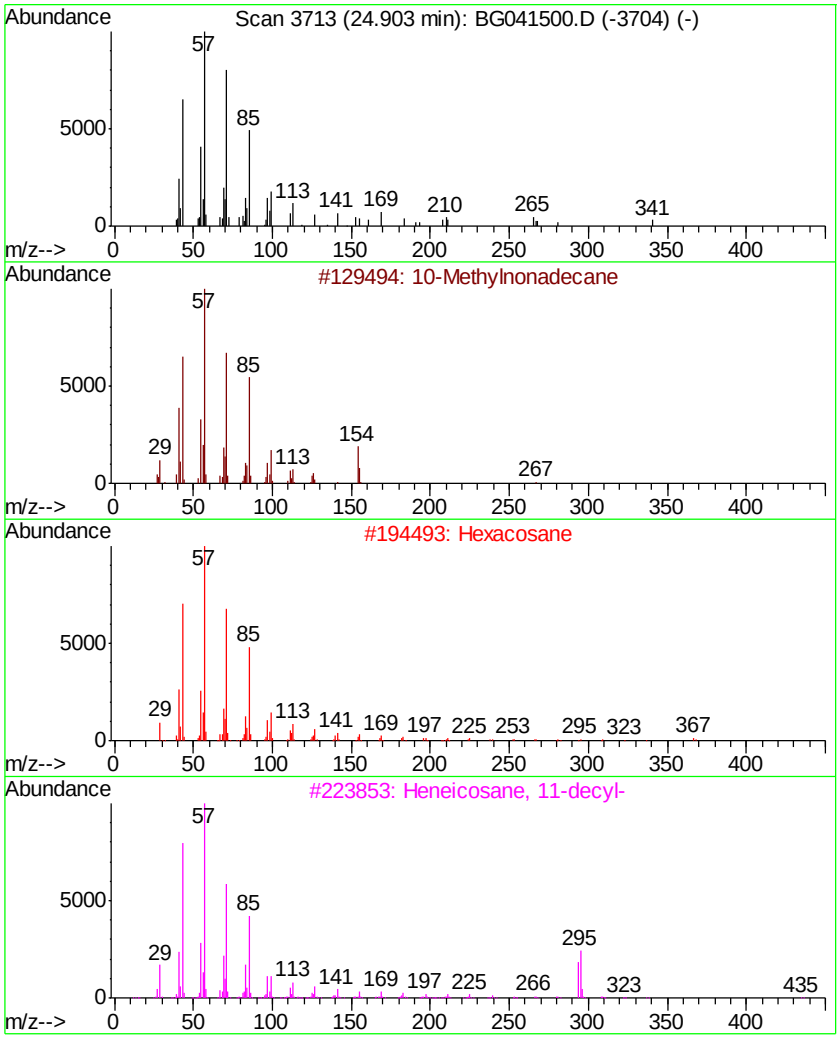
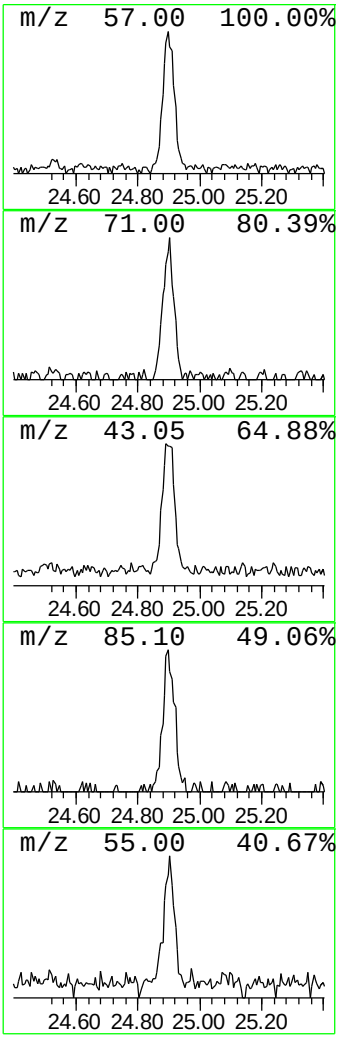
****

Peak Number 8 Hexacosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.90	3.48 ng	87741	Perylene-d12	24.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10-Methylnonadecane	282	C20H42	056862-62-5	90
2	Hexacosane	366	C26H54	000630-01-3	87
3	Heneicosane, 11-decyl-	437	C31H64	055320-06-4	86
4	Eicosane, 2-methyl-	296	C21H44	001560-84-5	86
5	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	86





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Instrument : BNA_G
ClientSampleId : M-7

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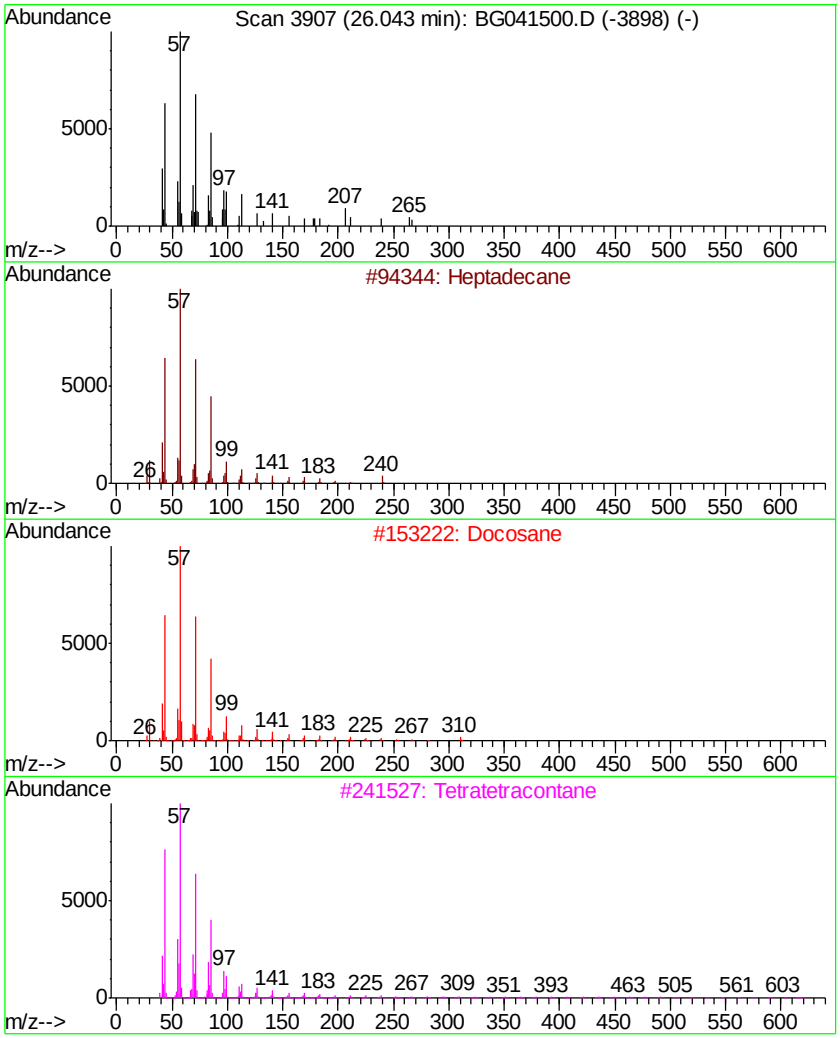
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

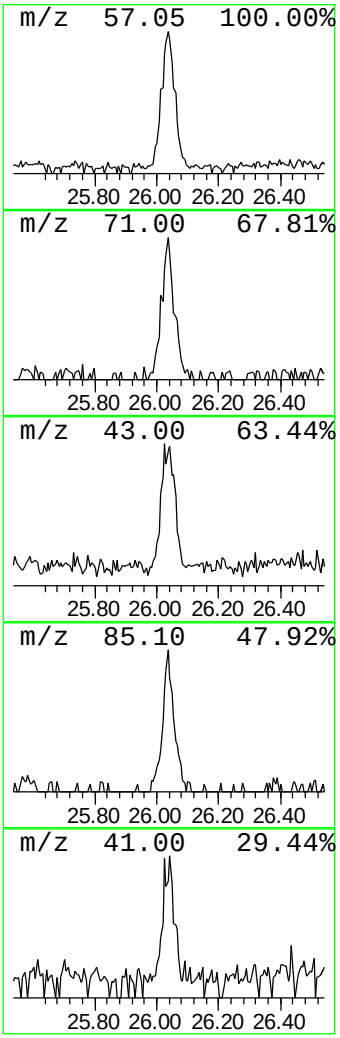
****

Peak Number 9 Heptadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.04	2.82 ng	71070	Perylene-d12	24.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	83
2	Docosane	310	C22H46	000629-97-0	80
3	Tetratetracontane	619	C44H90	007098-22-8	80
4	Nonadecane	268	C19H40	000629-92-5	72
5	Hexadecane	226	C16H34	000544-76-3	72





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG062719\
Data File : BG041500.D
Acq On : 27 Jun 2019 22:45
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown7.56	7.56	107.3	ng	891602	1	8.03	166265	20.0
2,4,7,9-Tetrameth...	13.53	3.5	ng	58452	3	14.67	336629	20.0
n-Hexadecanoic acid	18.28	2.6	ng	59604	4	17.42	461585	20.0
Eicosane	22.44	3.1	ng	83775	5	21.69	535165	20.0
10-Methylnonadecane	23.14	3.2	ng	85741	5	21.69	535165	20.0
Tetratetracontane	23.95	3.7	ng	94310	6	24.98	504837	20.0
Hexacosane	24.90	3.5	ng	87741	6	24.98	504837	20.0
Heptadecane	26.04	2.8	ng	71070	6	24.98	504837	20.0