LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG100719\
Data File : BG043074.D
Acq On : 7 Oct 2019 19:10
Operator : JU
Sample : K5154-22
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-102I

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-BG092519.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	3.167	7	13	21	rBV	222977	424088	7.85%	1.718%
2	3.243	21	26	42	rVB	526718	804243	14.88%	3.259%
3	4.783	283	288	296	rVB3	39018	66731	1.23%	0.270%
4	5.640	424	434	446	rBV	508824	858404	15.89%	3.478%
5	7.227	695	704	721	rBV	348632	684253	12.66%	2.772%
6	7.597	758	767	778	rBV	817962	1459807	27.02%	5.915%
7	8.055	837	845	852	rBV	162357	279687	5.18%	1.133%
8	8.378	893	900	909	rBV	592109	1067609	19.76%	4.326%
9	9.219	1034	1043	1053	rBV	511563	939466	17.39%	3.806%
10	10.858	1316	1322	1332	rBV	208963	380325	7.04%	1.541%
11	13.302	1731	1738	1751	rBV	1595579	2495796	46.19%	10.112%
12	14.125	1870	1878	1886	rBV	122665	183745	3.40%	0.744%
13	14.677	1965	1972	1981	rBV	409601	646217	11.96%	2.618%
14	16.163	2216	2225	2243	rBV	1685880	2600787	48.13%	10.538%
15	17.421	2432	2439	2447	rBV	592218	918844	17.00%	3.723%
16	17.538	2454	2459	2464	rVB3	92787	122853	2.27%	0.498%
17	18.314	2585	2591	2606	rBV3	314471	637995	11.81%	2.585%
18	19.589	2802	2808	2819	rBV4	90851	273812	5.07%	1.109%
19	20.029	2877	2883	2894	rBV	4088133	5403541	100.00%	21.893%
20	20.335	2930	2935	2939	rBV	56625	71848	1.33%	0.291%
21	20.829	3014	3019	3022	rBV2	86871	105759	1.96%	0.428%
22	21.334	3101	3105	3112	rVB	99421	122489	2.27%	0.496%
23	21.686	3159	3165	3179	rVB	649368	1158790	21.45%	4.695%
24	21.880	3194	3198	3203	rVB	126681	188369	3.49%	0.763%
25	22.491	3296	3302	3307	rBV2	153760	257278	4.76%	1.042%
26	23.185	3413	3420	3427	rVB	156864	286281	5.30%	1.160%
27	23.990	3550	3557	3566	rVB2	140524	314494	5.82%	1.274%
28	24.912	3701	3714	3727	rBV3	417057	1498852	27.74%	6.073%
29	26.069	3902	3911	3921	rVB5	92691	284860	5.27%	1.154%
30	27.427	4135	4142	4151	rVB4	50248	144003	2.66%	0.583%

Sum of corrected areas: 24681226

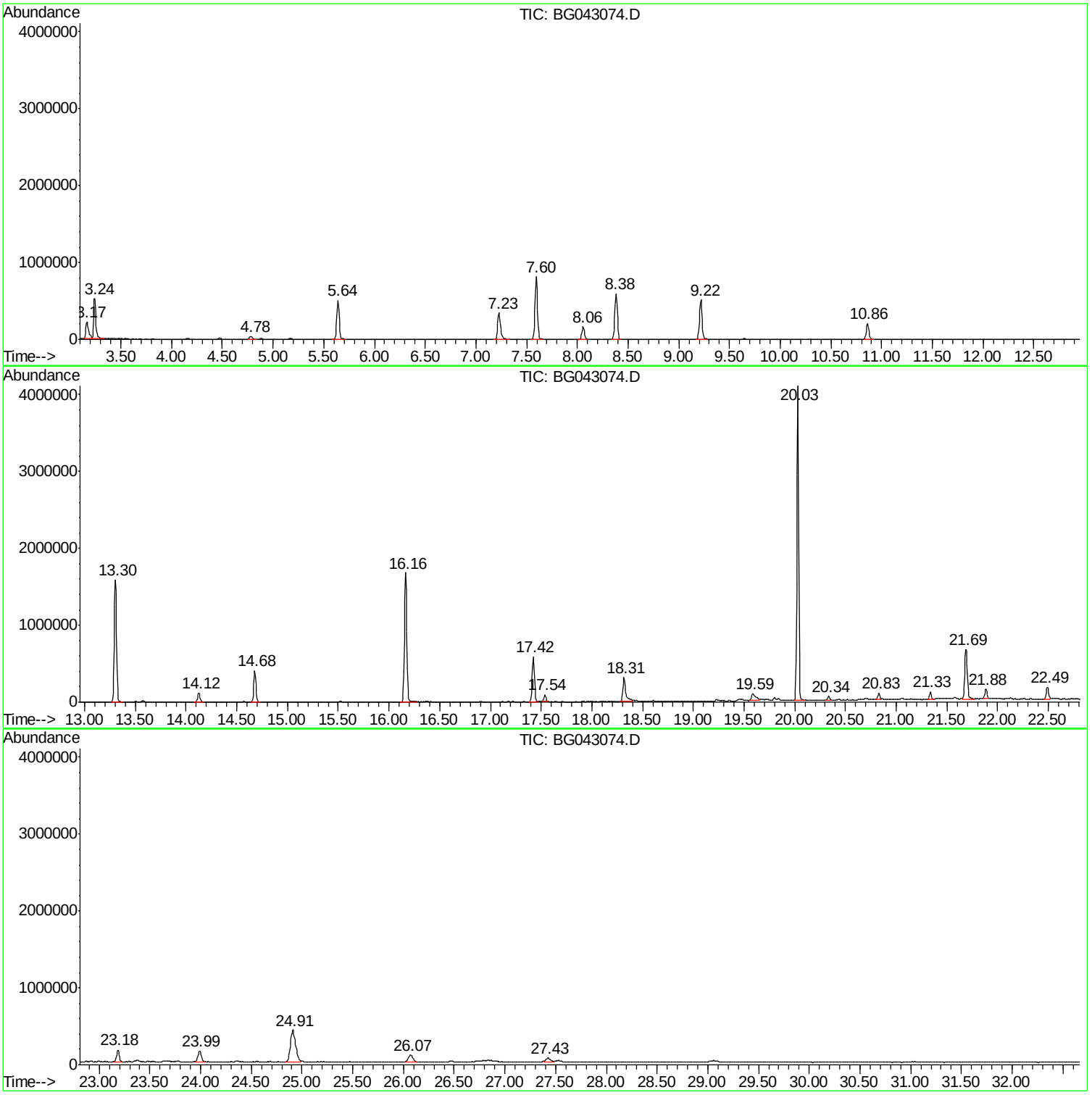
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG100719\
Data File : BG043074.D
Acq On : 7 Oct 2019 19:10
Operator : JU
Sample : K5154-22
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-102I

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092519.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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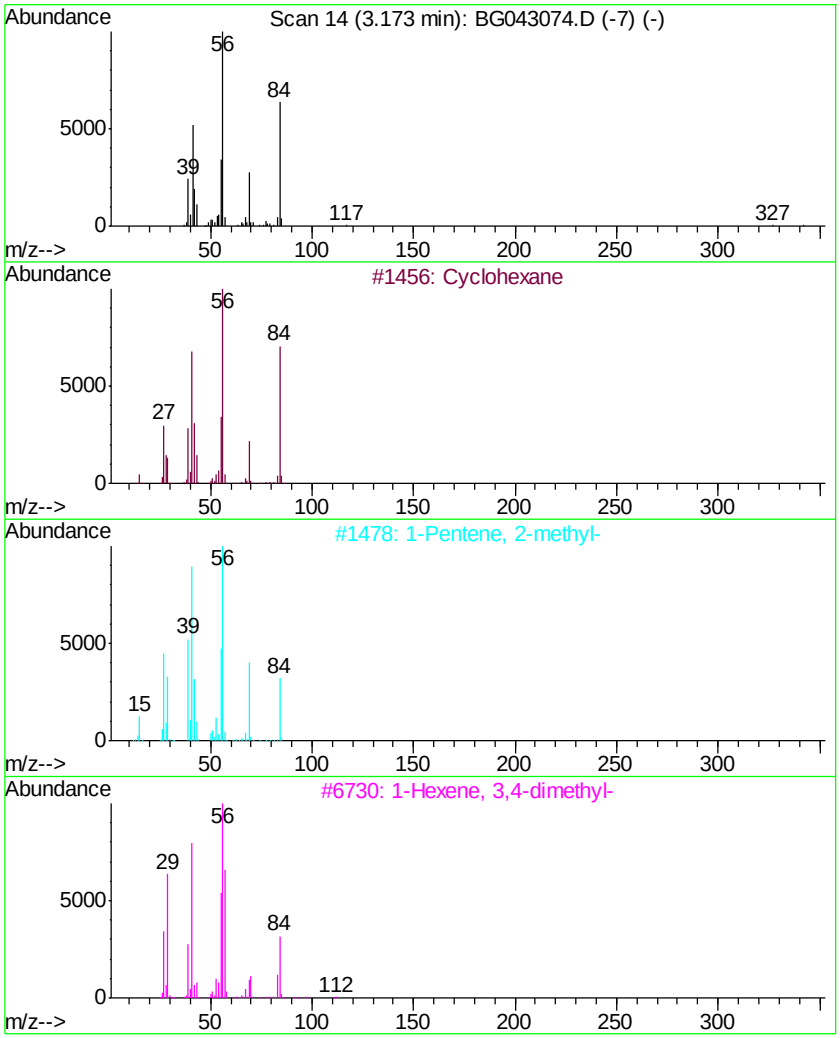
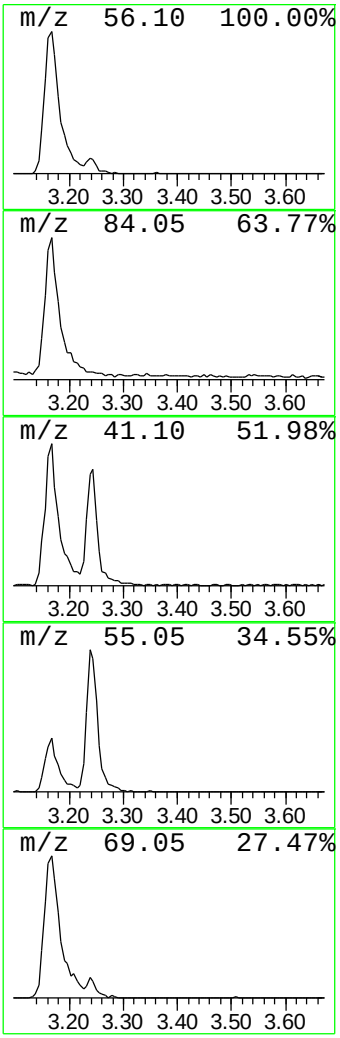
****

Peak Number 1 1-Pentene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.17	30.33 ng	424088	1,4-Dichlorobenzene-d4	8.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane	84	C6H12	000110-82-7	91
2	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	86
3	1-Hexene, 3,4-dimethyl-	112	C8H16	016745-94-1	56
4	Cyclopentane, methyl-	84	C6H12	000096-37-7	53
5	Pyridine-D5-	84	C5D5N	007291-22-7	50





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Data File : BG043074.D
Acq On : 7 Oct 2019 19:10
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Sample : K5154-22
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-102I

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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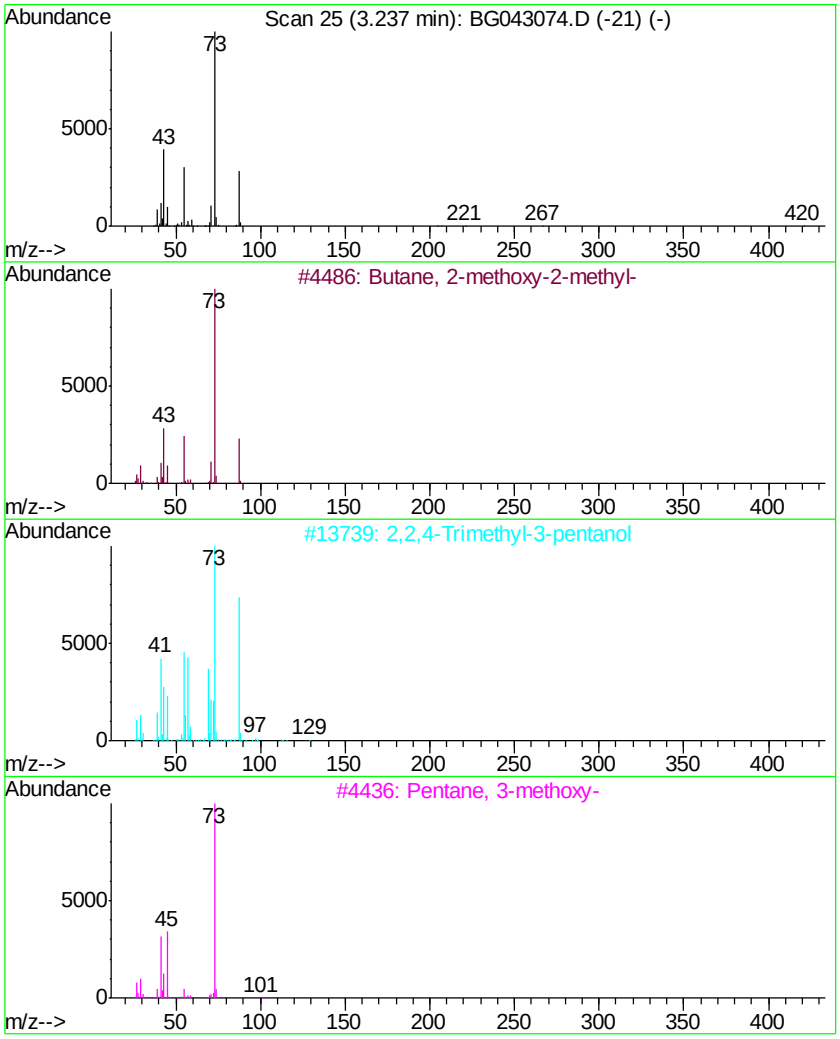
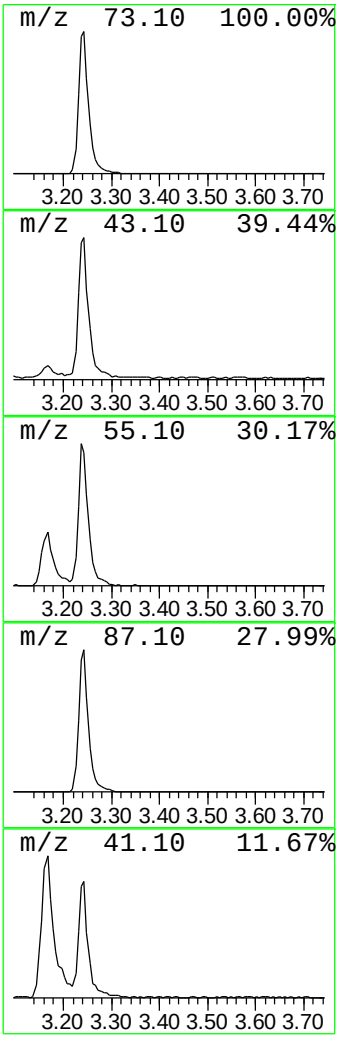
Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.24	57.51 ng	804243	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	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9





Library Search Compound Report

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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-102I

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

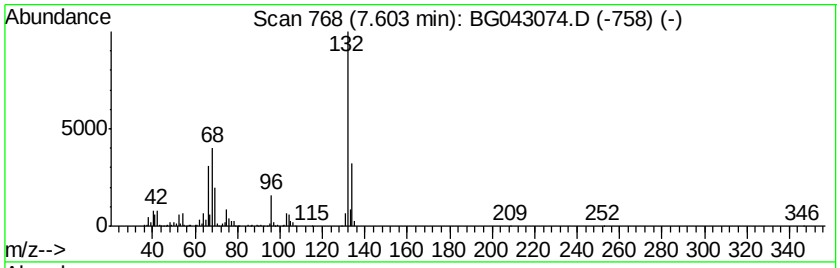
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

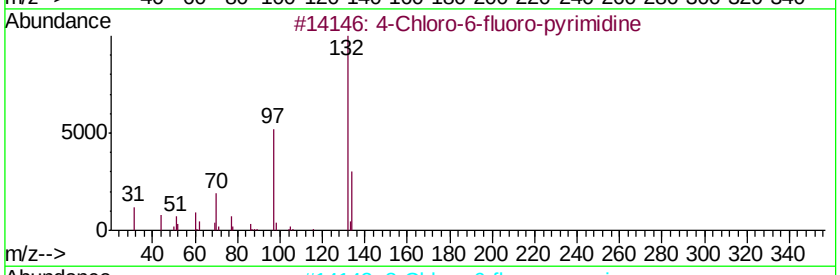
****

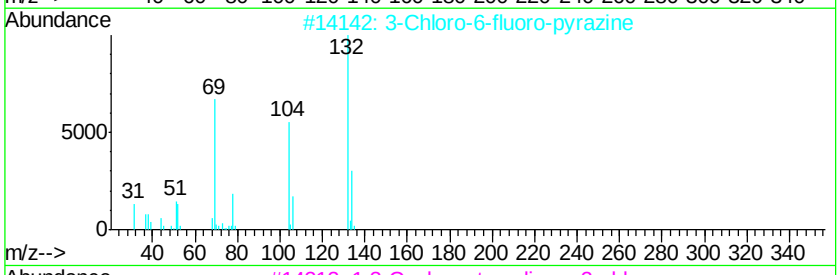
Peak Number 4 unknown7.60 Concentration Rank 1

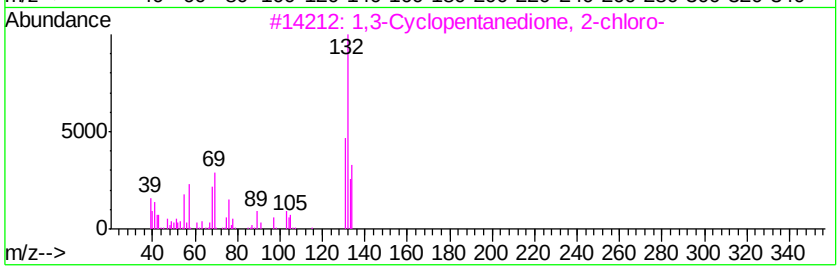
R.T.	EstConc	Area	Relative to ISTD	R.T.
7.60	104.39 ng	1459810	1,4-Dichlorobenzene-d4	8.06

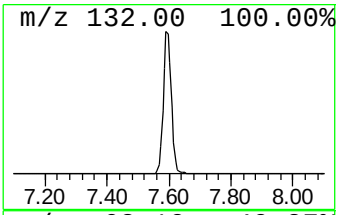
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
3	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	25
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
5	5-Aminoindole	132	C8H8N2	005192-03-0	22

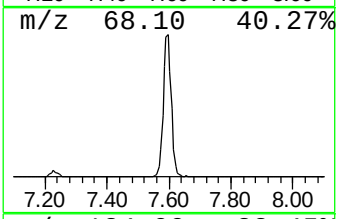


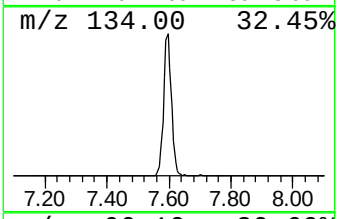


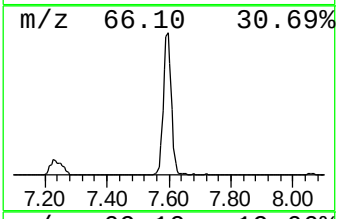


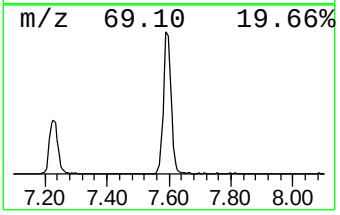












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Instrument : BNA_G
ClientSampleId : MW-102I

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

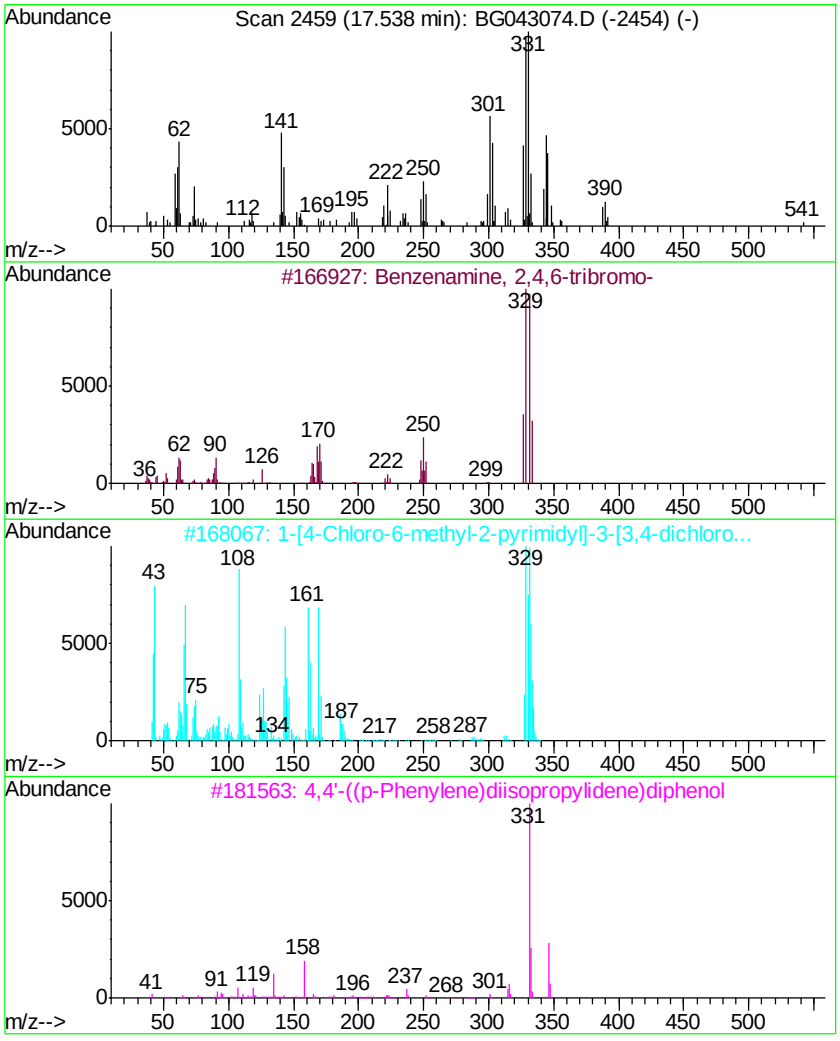
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

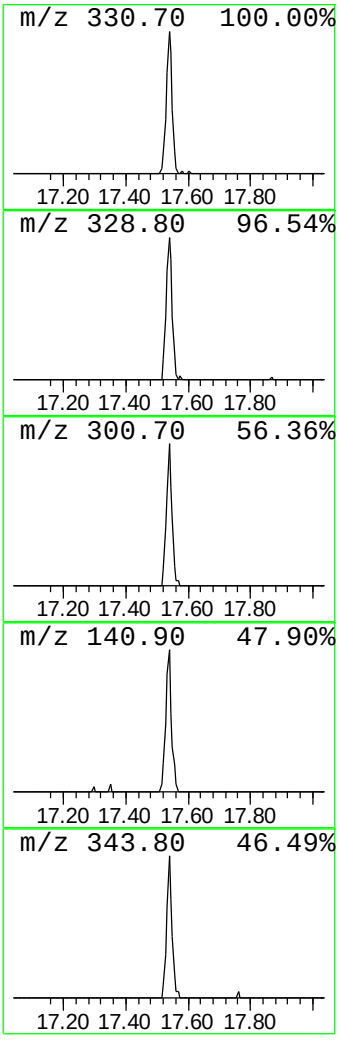
****

Peak Number 6 unknown17.54 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.54	2.67 ng	122853	Phenanthrene-d10	17.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenamine, 2,4,6-tribromo-	327	C6H4Br3N	000147-82-0	35
2	1-[4-Chloro-6-methyl-2-pyrimidyl...	329	C12H10Cl3N5	051387-79-2	18
3	4,4'-((p-Phenylene)diisopropylid...	346	C24H26O2	002167-51-3	11
4	1,3,4-Oxadiazole, 2-(2,2,3,3-tet...	331	C13H9F4N3O3	1000266-87-7	10
5	2-Isopropyl-5-methylphenyl 2,2,3...	346	C14H13F7O2	1000366-95-7	9





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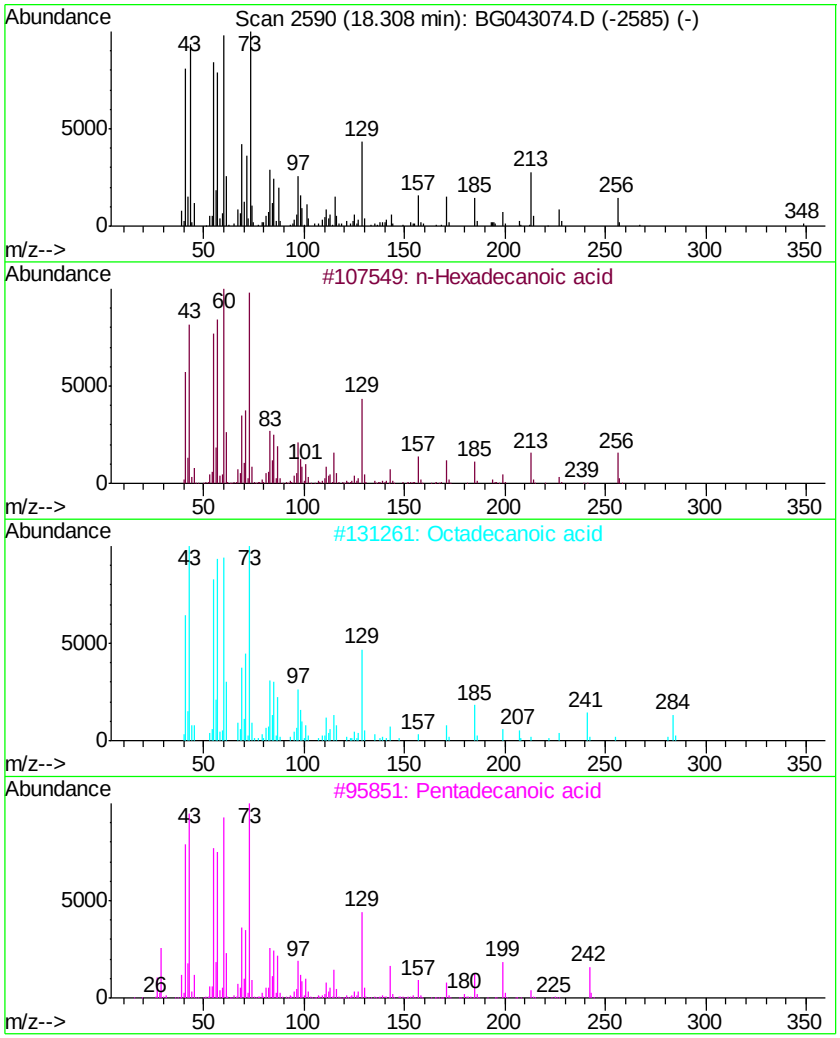
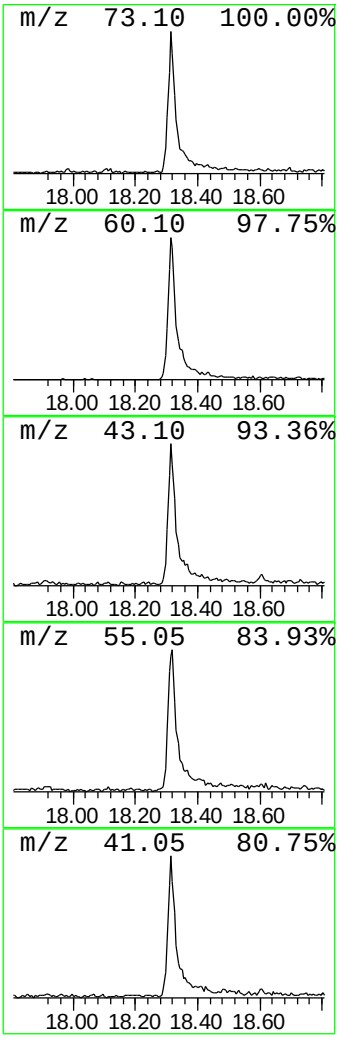
****

Peak Number 7 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.31	13.89 ng	637995	Phenanthrene-d10	17.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Octadecanoic acid	284	C18H36O2	000057-11-4	93
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4	n-Decanoic acid	172	C10H20O2	000334-48-5	76
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	72





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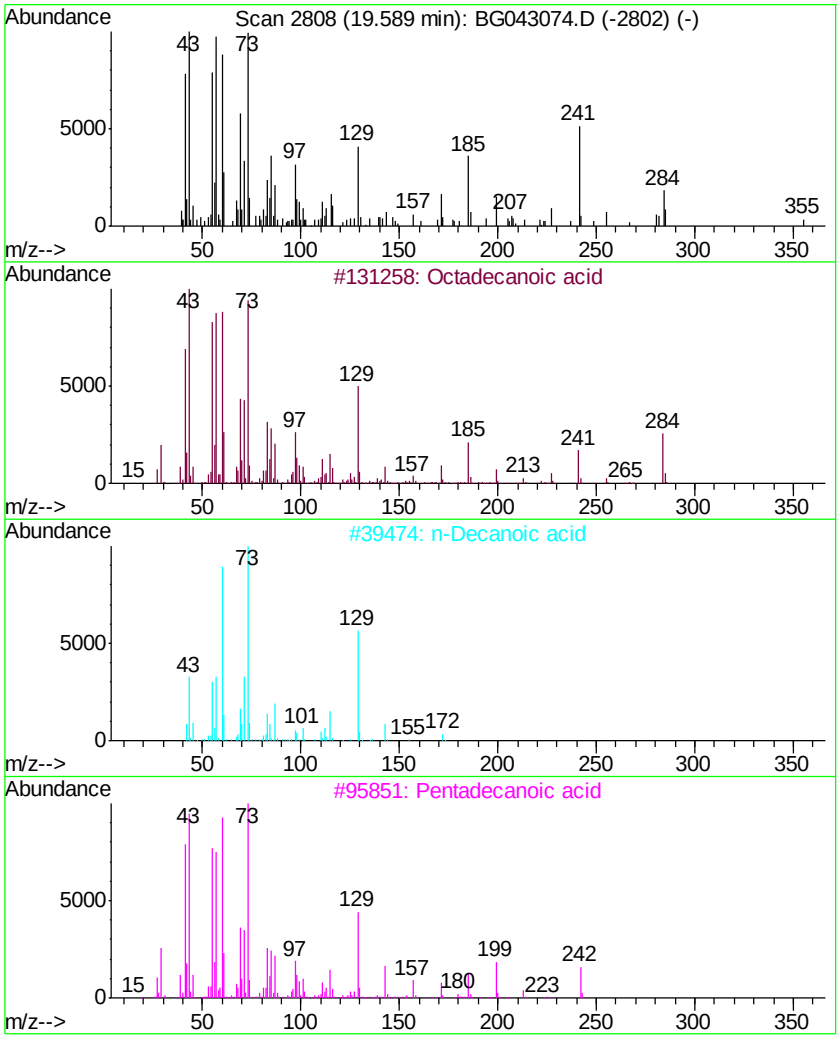
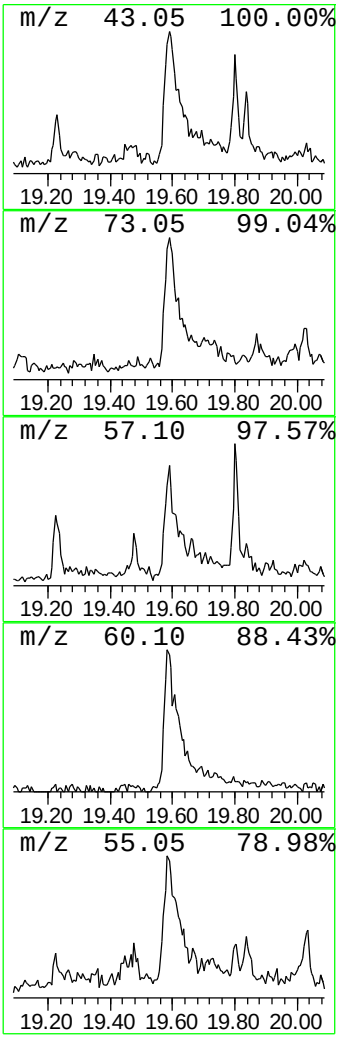
Peak Number 8 Octadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.59	4.73 ng	273812	Chrysene-d12	21.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	98
2	n-Decanoic acid	172	C10H20O2	000334-48-5	92
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	68
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	68
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	59





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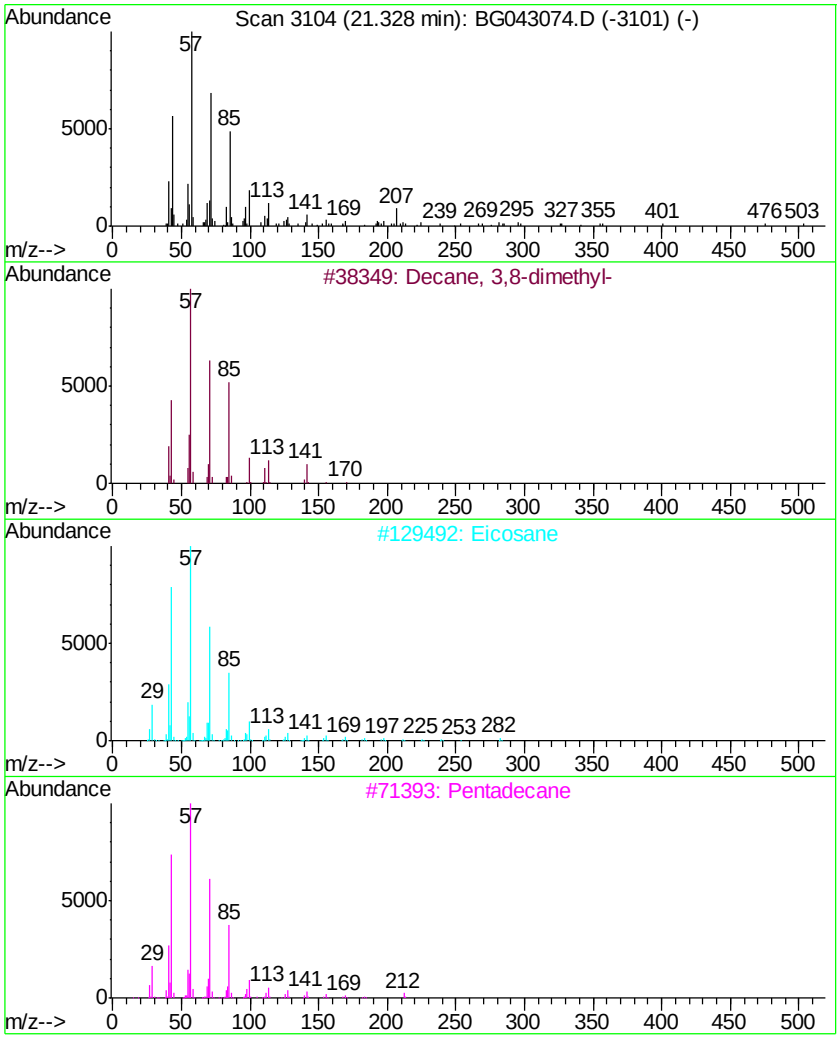
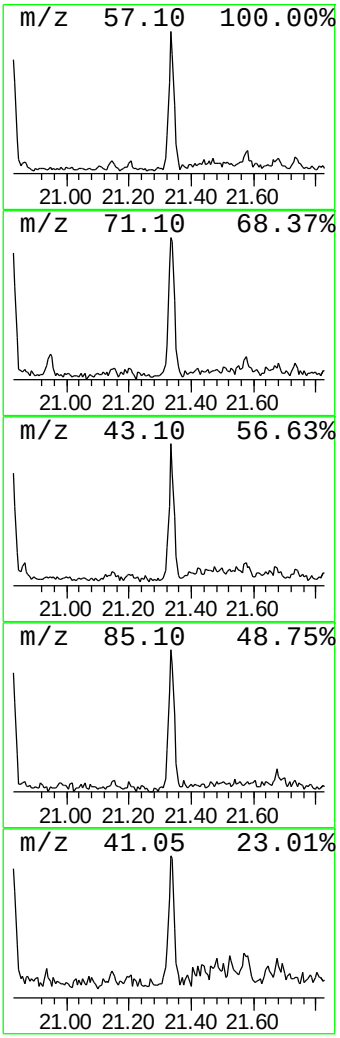
****

Peak Number 9 Decane, 3,8-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.33	2.11 ng	122489	Chrysene-d12	21.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	90
2	Eicosane	282	C20H42	000112-95-8	90
3	Pentadecane	212	C15H32	000629-62-9	87
4	Hexadecane	226	C16H34	000544-76-3	86
5	Heneicosane	296	C21H44	000629-94-7	74





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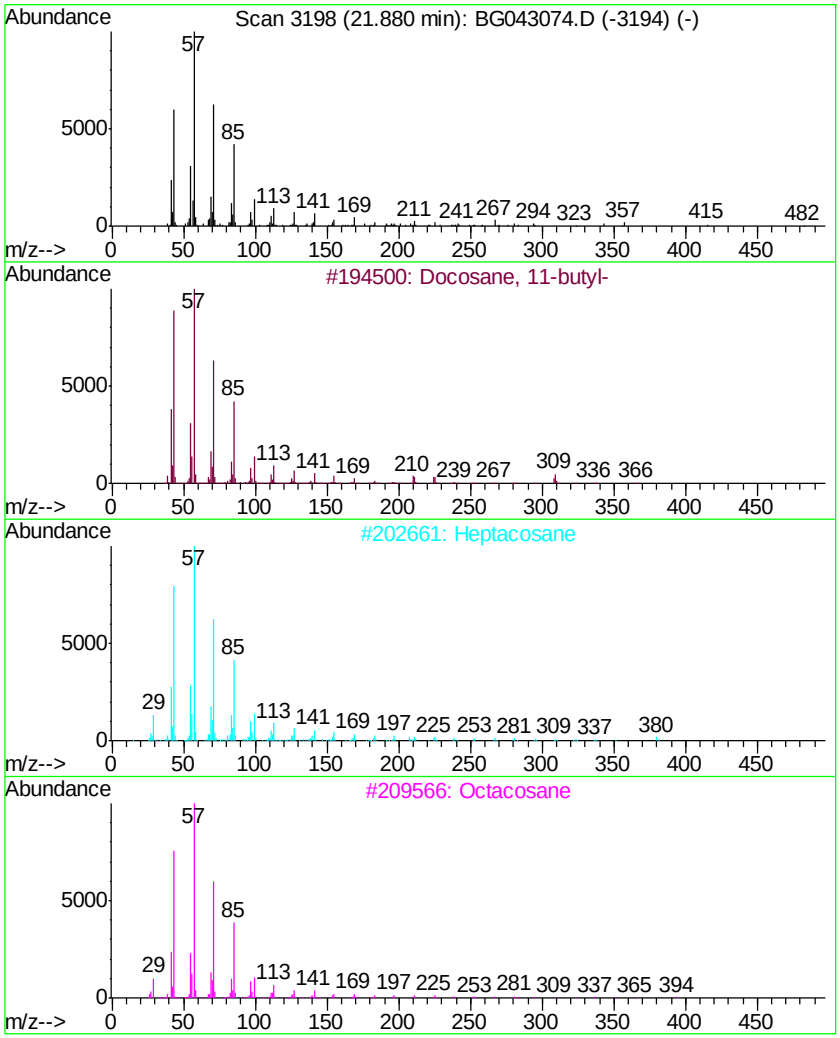
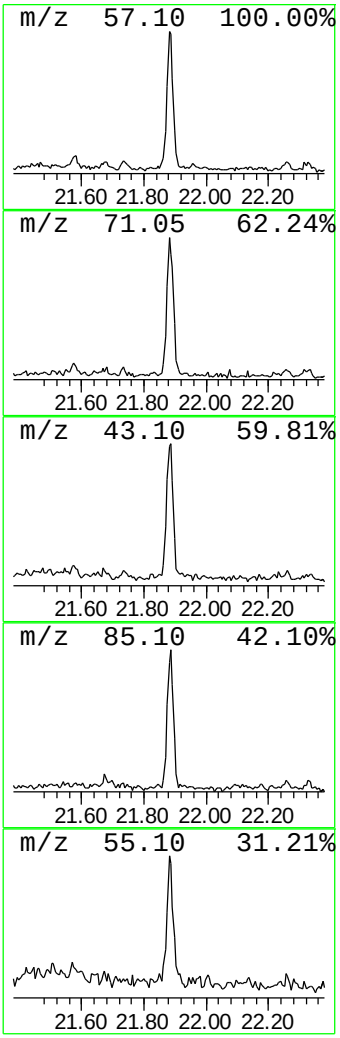
****

Peak Number 10 Docosane, 11-butyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.88	3.25 ng	188369	Chrysene-d12	21.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane, 11-butyl-	366	C26H54	013475-76-8	90
2	Heptacosane	380	C27H56	000593-49-7	90
3	Octacosane	394	C28H58	000630-02-4	90
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
5	Octadecane	254	C18H38	000593-45-3	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG100719\
Data File : BG043074.D
Acq On : 7 Oct 2019 19:10
Operator : JU
Sample : K5154-22
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-102I

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

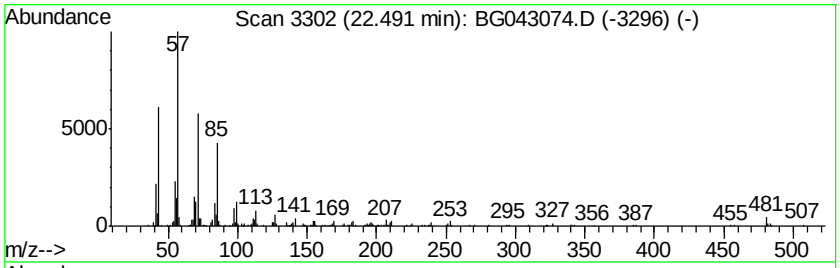
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

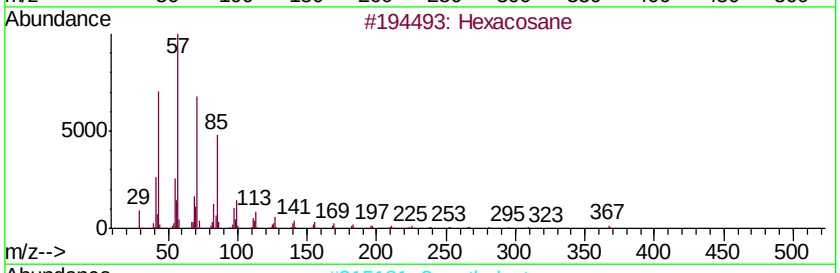
****

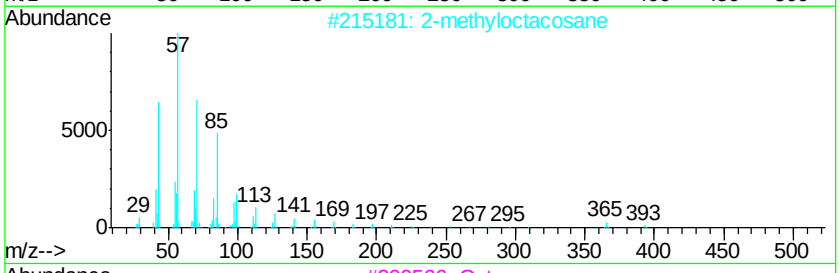
Peak Number 11 Hexacosane Concentration Rank 9

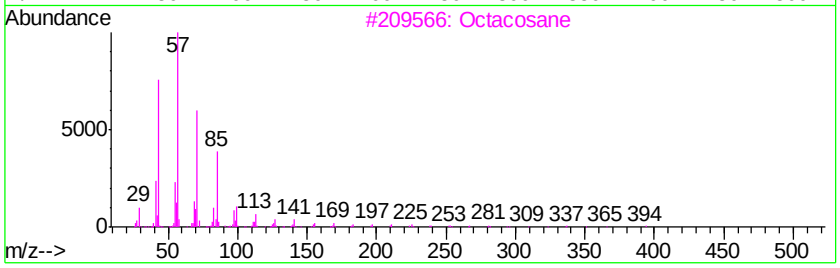
R.T.	EstConc	Area	Relative to ISTD	R.T.
22.49	4.44 ng	257278	Chrysene-d12	21.69

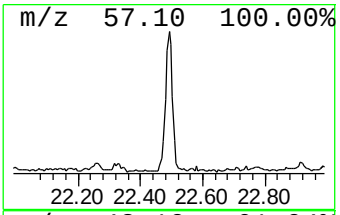
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	87
2	2-methyloctacosane	408	C29H60	1000376-72-8	87
3	Octacosane	394	C28H58	000630-02-4	87
4	Heptadecane, 2-methyl-	254	C18H38	001560-89-0	86
5	Eicosane	282	C20H42	000112-95-8	83

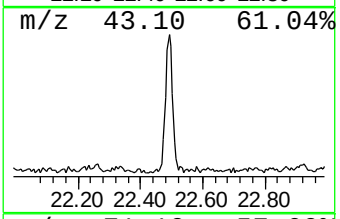


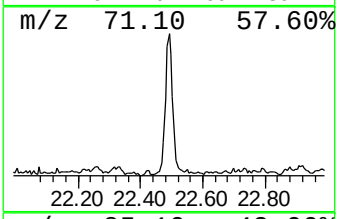


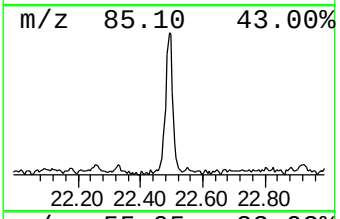


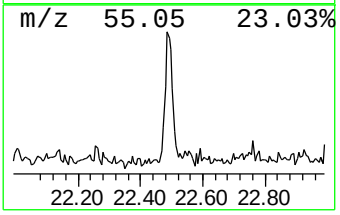












Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG100719\
Data File : BG043074.D
Acq On : 7 Oct 2019 19:10
Operator : JU
Sample : K5154-22
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-102I

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092519.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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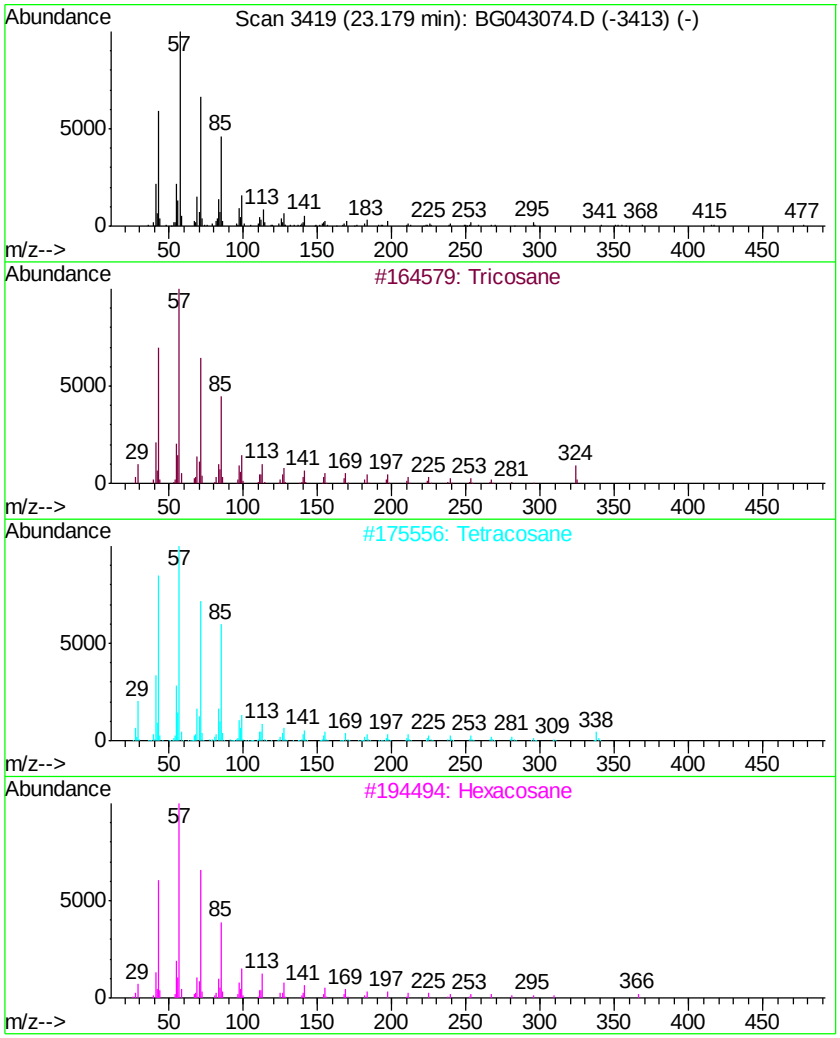
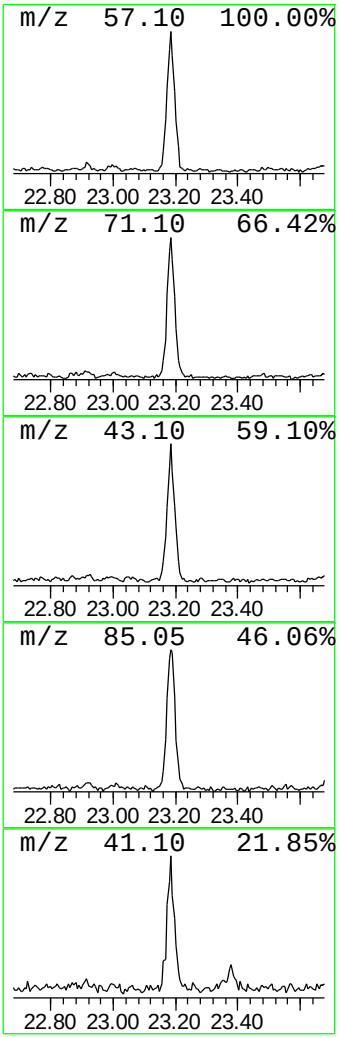
Peak Number 12 Tricosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.18	4.94 ng	286281	Chrysene-d12	21.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricosane	324	C23H48	000638-67-5	93
2	Tetracosane	338	C24H50	000646-31-1	91
3	Hexacosane	366	C26H54	000630-01-3	91
4	2-methyloctacosane	408	C29H60	1000376-72-8	90
5	Heneicosane	296	C21H44	000629-94-7	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG100719\
Data File : BG043074.D
Acq On : 7 Oct 2019 19:10
Operator : JU
Sample : K5154-22
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-102I

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092519.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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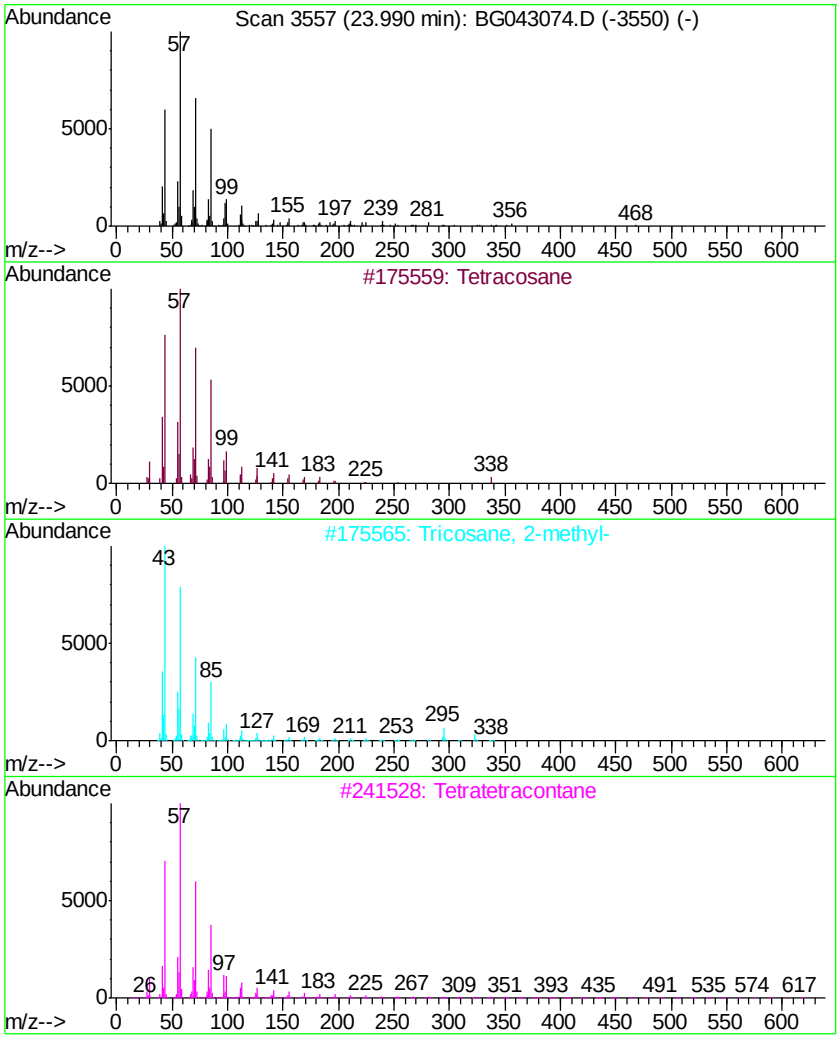
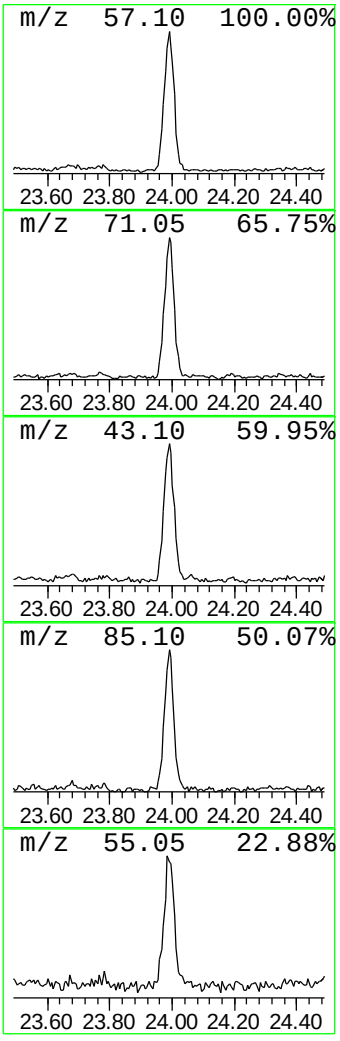
Peak Number 13 Tetracosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.99	4.20 ng	314494	Perylene-d12	24.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	93
2	Tricosane, 2-methyl-	338	C24H50	001928-30-9	93
3	Tetratetracontane	619	C44H90	007098-22-8	90
4	Docosane, 2,21-dimethyl-	338	C24H50	077536-31-3	89
5	Hentriacontane	437	C31H64	000630-04-6	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG100719\
Data File : BG043074.D
Acq On : 7 Oct 2019 19:10
Operator : JU
Sample : K5154-22
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-102I

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092519.M
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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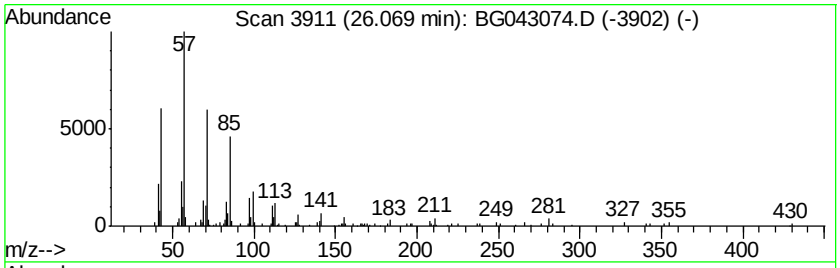
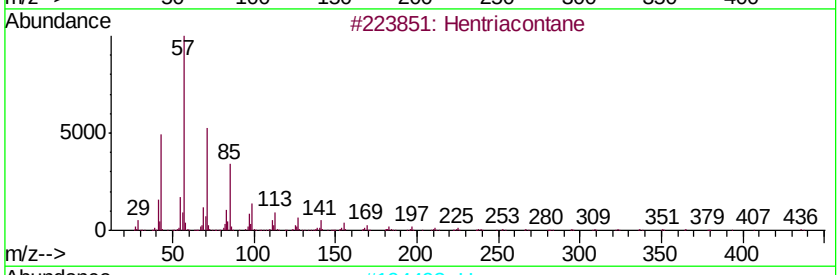
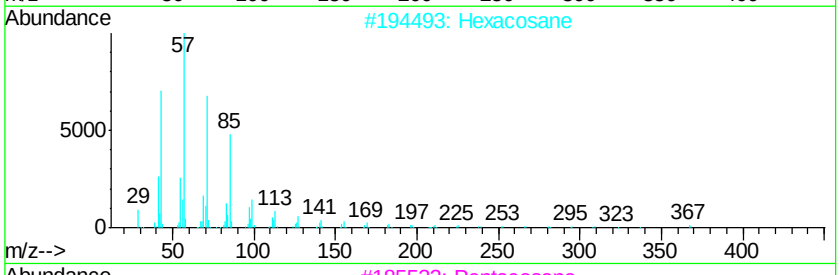
Peak Number 14 Hentriacontane Concentration Rank 11

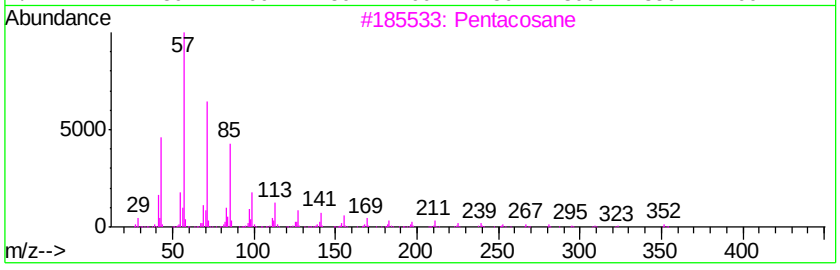
R.T.	EstConc	Area	Relative to ISTD	R.T.
26.07	3.80 ng	284860	Perylene-d12	24.91

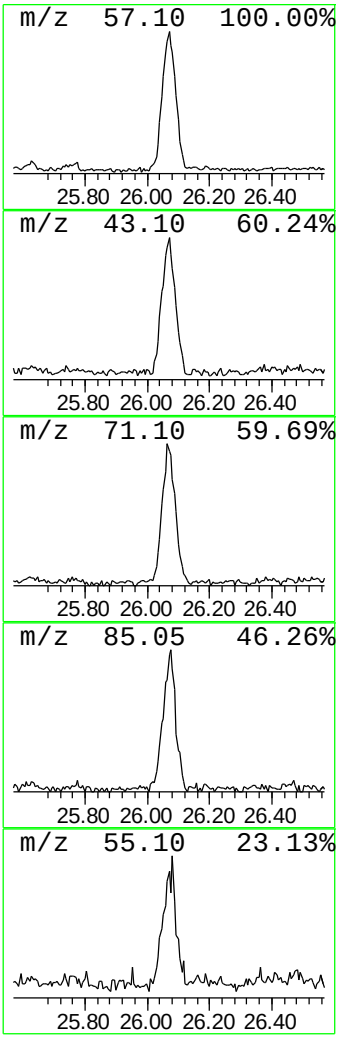
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hentriacontane	437	C31H64	000630-04-6	90
2	Hexacosane	366	C26H54	000630-01-3	87
3	Pentacosane	352	C25H52	000629-99-2	87
4	Heneicosane	296	C21H44	000629-94-7	87
5	2-methyloctacosane	408	C29H60	1000376-72-8	87











Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG100719\
Data File : BG043074.D
Acq On : 7 Oct 2019 19:10
Operator : JU
Sample : K5154-22
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-102I

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092519.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
1-Pentene, 2-methyl-	3.17	30.3	ng	424088	1	8.06	279687	20.0
Butane, 2-methoxy...	3.24	57.5	ng	804243	1	8.06	279687	20.0
unknown7.60	7.60	104.4	ng	1459810	1	8.06	279687	20.0
unknown17.54	17.54	2.7	ng	122853	4	17.42	918844	20.0
n-Hexadecanoic acid	18.31	13.9	ng	637995	4	17.42	918844	20.0
Octadecanoic acid	19.59	4.7	ng	273812	5	21.69	1158790	20.0
Decane, 3,8-dimet...	21.33	2.1	ng	122489	5	21.69	1158790	20.0
Docosane, 11-butyl-	21.88	3.3	ng	188369	5	21.69	1158790	20.0
Hexacosane	22.49	4.4	ng	257278	5	21.69	1158790	20.0
Tricosane	23.18	4.9	ng	286281	5	21.69	1158790	20.0
Tetracosane	23.99	4.2	ng	314494	6	24.91	1498850	20.0
Hentriacontane	26.07	3.8	ng	284860	6	24.91	1498850	20.0