LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100219\
Data File : BG042991.D
Acq On : 2 Oct 2019 19:06
Operator : JU
Sample : K5154-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-106I

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	3.183	9	16	24	rBV2	255999	677990	11.65%	2.286%
2	3.265	24	30	44	rVB	416067	797707	13.71%	2.690%
3	5.656	430	437	449	rBV	975630	1634566	28.09%	5.511%
4	7.237	699	706	718	rBV	733891	1344746	23.11%	4.534%
5	7.607	760	769	783	rBV	1328794	2314914	39.78%	7.805%
6	8.071	840	848	857	rBV	254798	450039	7.73%	1.517%
7	8.394	894	903	912	rBV	988074	1709262	29.38%	5.763%
8	9.229	1037	1045	1056	rBV	786775	1455663	25.02%	4.908%
9	10.874	1316	1325	1335	rBV	304726	574321	9.87%	1.936%
10	11.773	1471	1478	1491	rBV2	67324	154213	2.65%	0.520%
11	13.318	1733	1741	1758	rBV	2218241	3537075	60.79%	11.926%
12	14.135	1874	1880	1886	rBV	120961	171641	2.95%	0.579%
13	14.687	1967	1974	1981	rVB	548276	853841	14.67%	2.879%
14	16.173	2220	2227	2243	rBV	2083505	3209791	55.16%	10.823%
15	17.431	2434	2441	2450	rBV2	685983	1064208	18.29%	3.588%
16	18.318	2586	2592	2603	rBV2	149175	227258	3.91%	0.766%
17	19.587	2804	2808	2816	rBV3	49168	77107	1.33%	0.260%
18	20.039	2878	2885	2892	rBV	4313680	5818689	100.00%	19.619%
19	21.356	3105	3109	3111	rBV2	59245	87582	1.51%	0.295%
20	21.696	3161	3167	3177	rBV	718171	1236672	21.25%	4.170%
21	21.896	3197	3201	3205	rBV2	48203	72231	1.24%	0.244%
22	22.513	3301	3306	3311	rBV3	67701	108361	1.86%	0.365%
23	23.206	3418	3424	3432	rVB4	93665	182053	3.13%	0.614%
24	24.017	3555	3562	3572	rVB2	97352	220001	3.78%	0.742%
25	24.922	3706	3716	3735	rVB2	445606	1519804	26.12%	5.124%
26	26.103	3911	3917	3925	rVB2	62593	158605	2.73%	0.535%

Sum of corrected areas: 29658340

LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100219\
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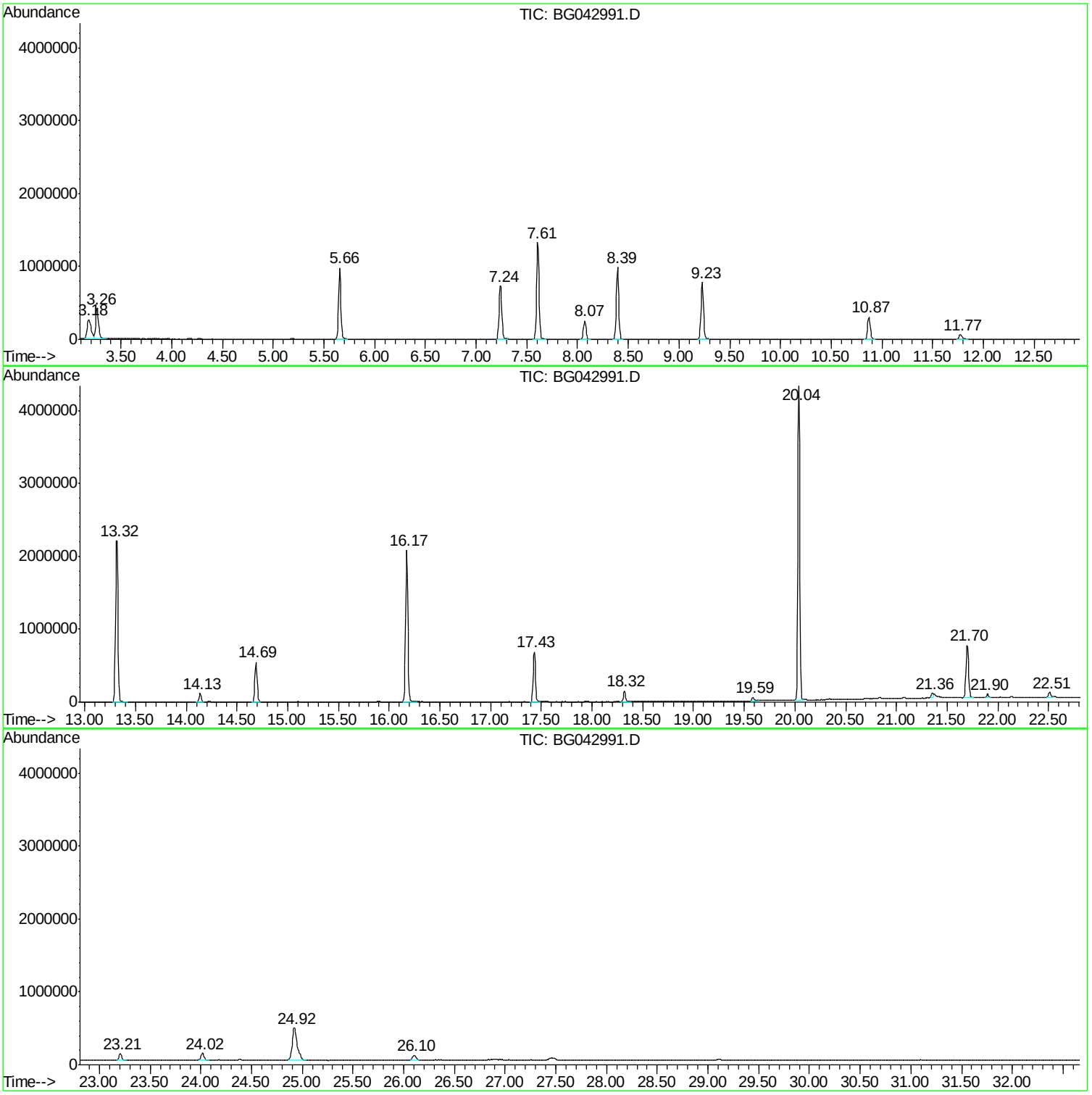
Operator : JU
Sample : K5154-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-106I

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100219\
Data File : BG042991.D
Acq On : 2 Oct 2019 19:06
Operator : JU
Sample : K5154-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-106I

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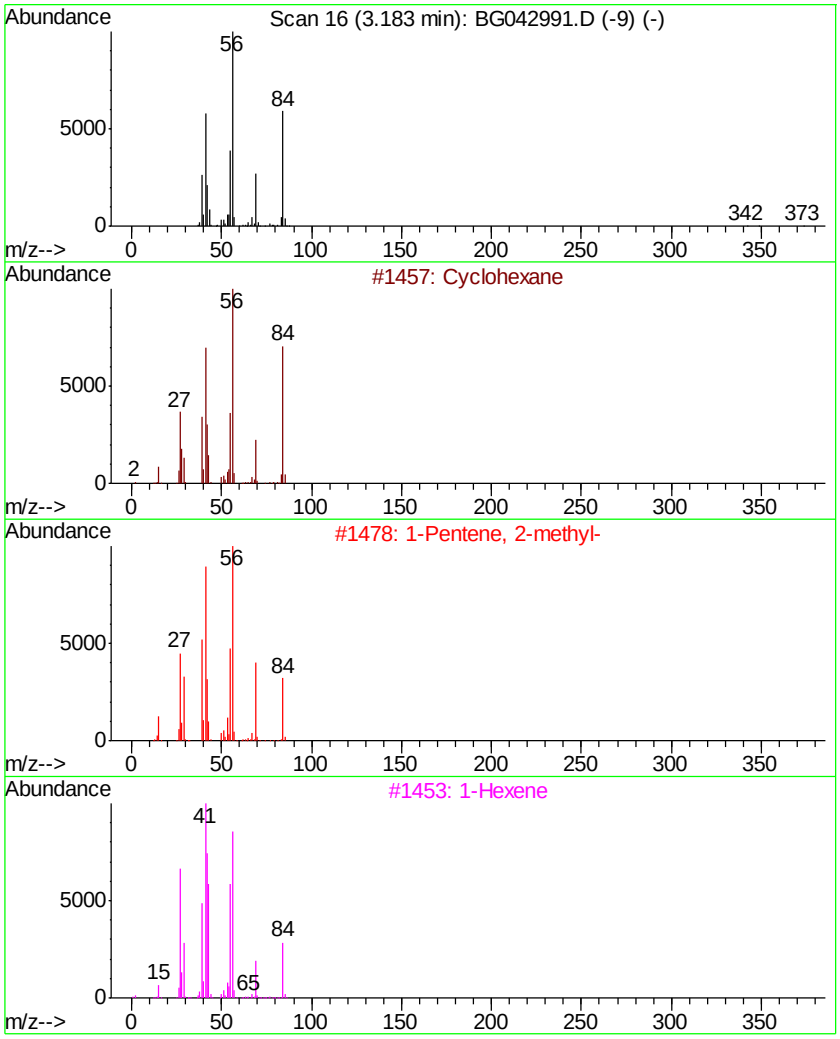
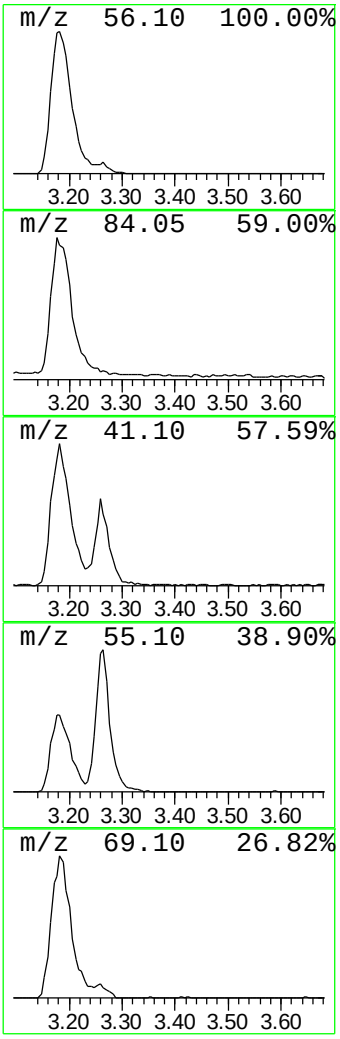
Peak Number 1 1-Pentene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.18	30.13 ng	677990	1,4-Dichlorobenzene-d4	8.07

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	78
3	1-Hexene	84	C6H12	000592-41-6	59
4	Cyclopentane, methyl-	84	C6H12	000096-37-7	50
5	Cyclobutane, ethyl-	84	C6H12	004806-61-5	50





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100219\
Data File : BG042991.D
Acq On : 2 Oct 2019 19:06
Operator : JU
Sample : K5154-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-106I

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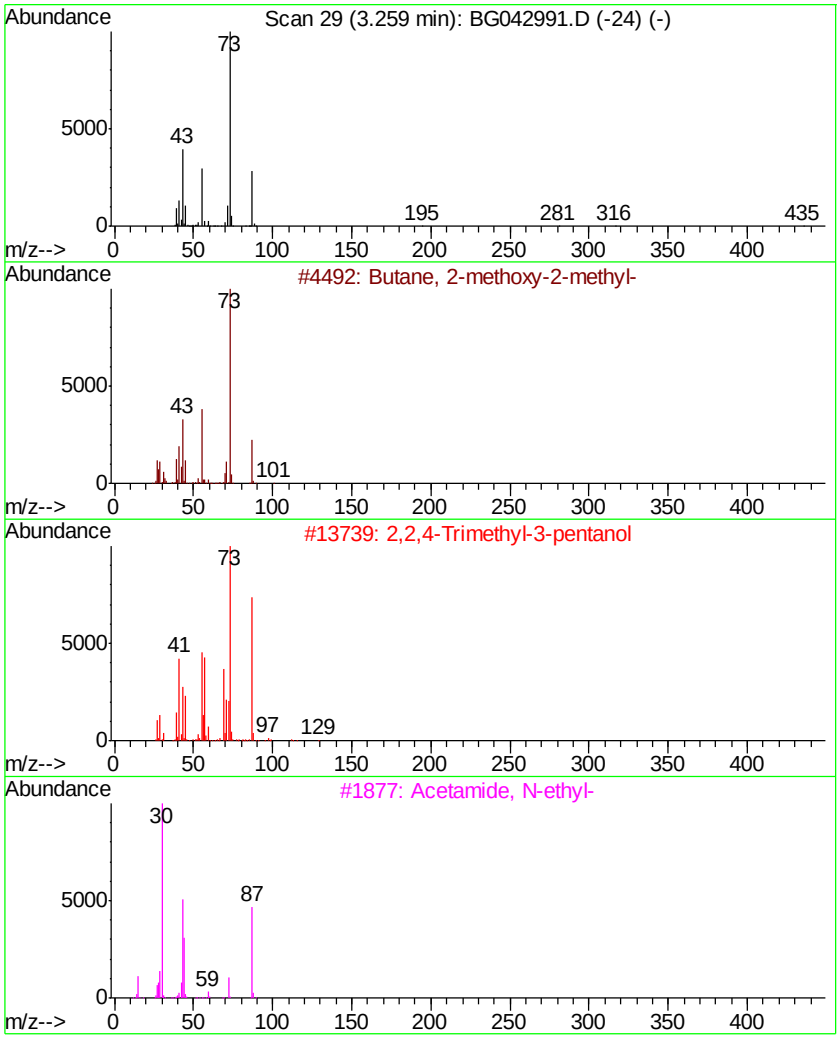
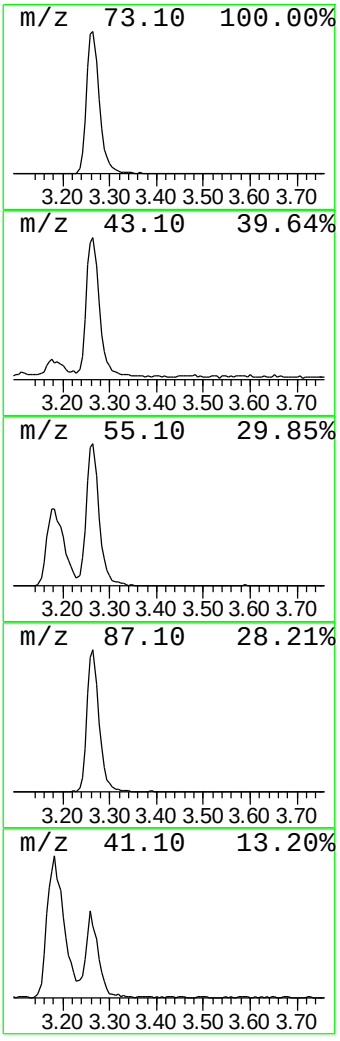
Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.26	35.45 ng	797707	1,4-Dichlorobenzene-d4	8.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	59
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9
5	1-(2-Methoxyethoxy)-2-methyl-2-p...	162	C8H18O3	1000364-24-4	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100219\
Data File : BG042991.D
Acq On : 2 Oct 2019 19:06
Operator : JU
Sample : K5154-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-106I

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

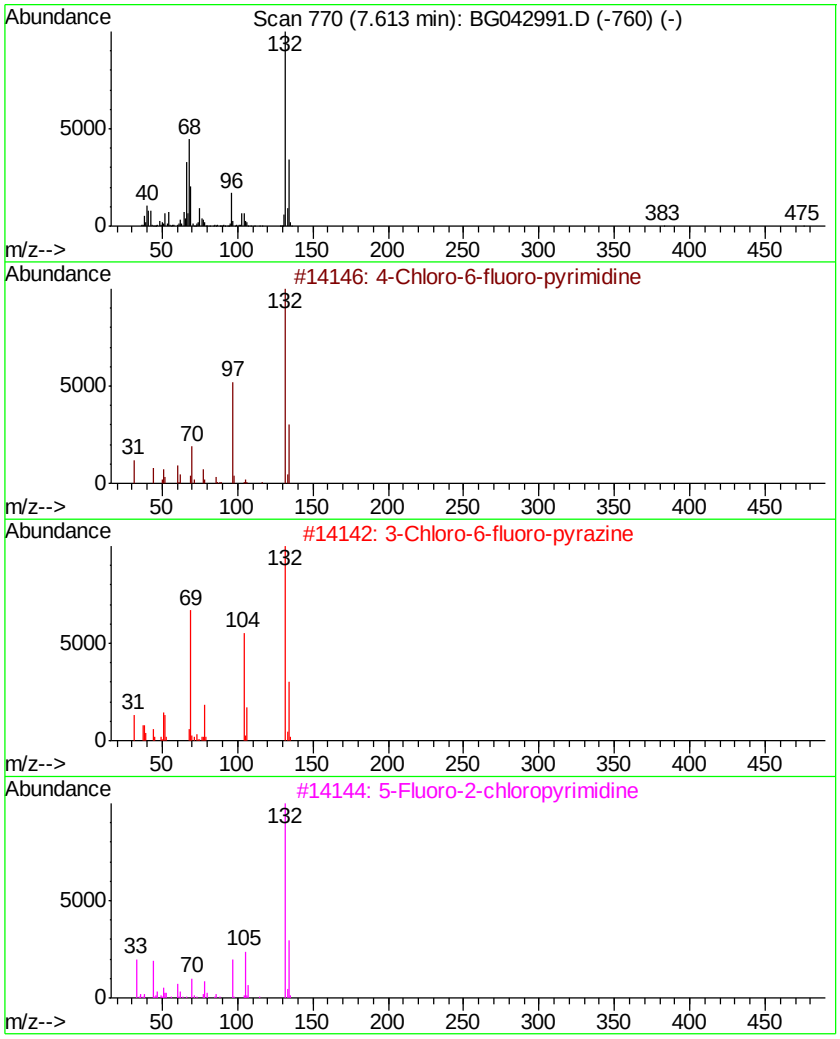
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

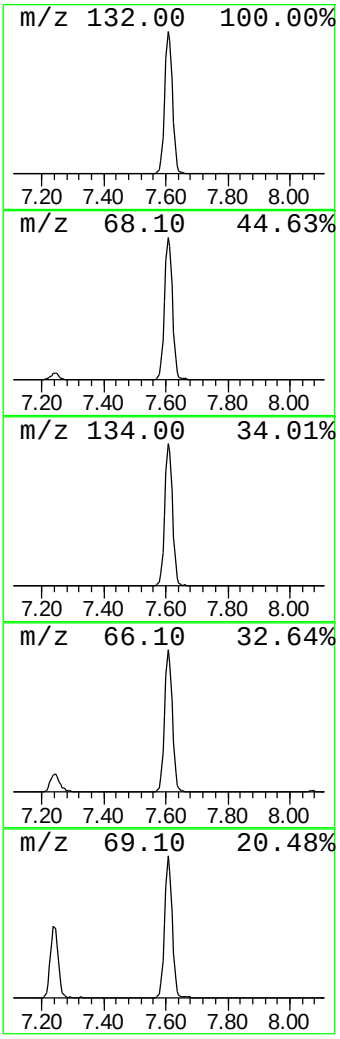
****

Peak Number 3 unknown7.61 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.61	102.88 ng	2314910	1,4-Dichlorobenzene-d4	8.07

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	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	27
4	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	25
5	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100219\
Data File : BG042991.D
Acq On : 2 Oct 2019 19:06
Operator : JU
Sample : K5154-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-106I

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

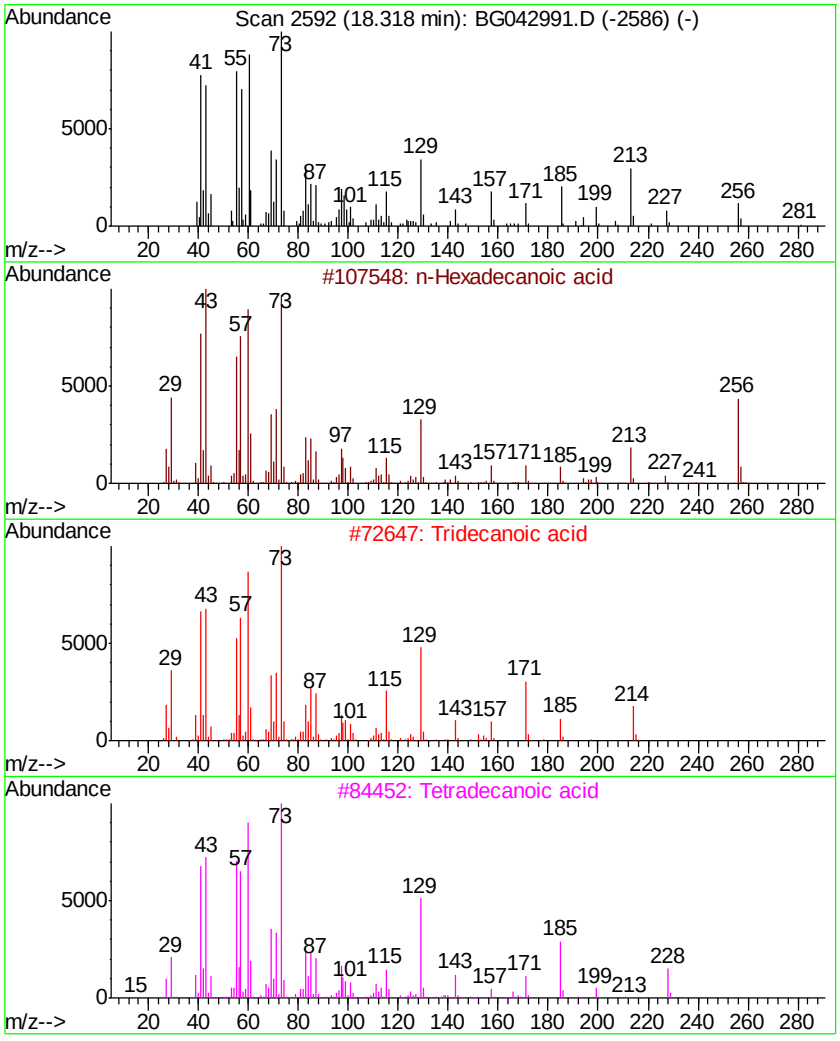
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

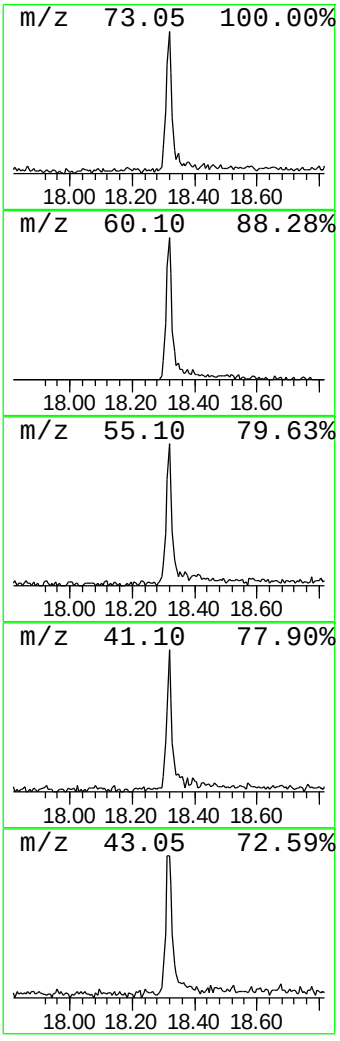
****

Peak Number 5 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.32	4.27 ng	227258	Phenanthrene-d10	17.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tridecanoic acid	214	C13H26O2	000638-53-9	95
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
4	Undecanoic acid	186	C11H22O2	000112-37-8	58
5	Dodecanoic acid	200	C12H24O2	000143-07-7	52





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100219\
Data File : BG042991.D
Acq On : 2 Oct 2019 19:06
Operator : JU
Sample : K5154-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-106I

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
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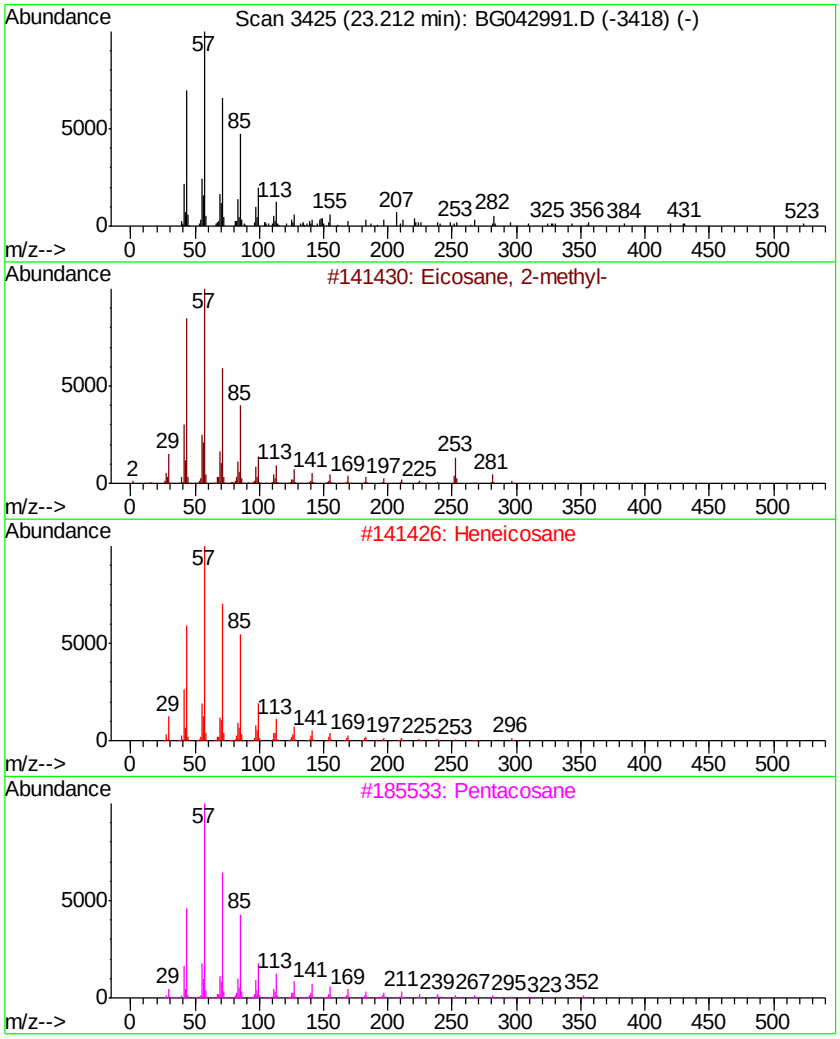
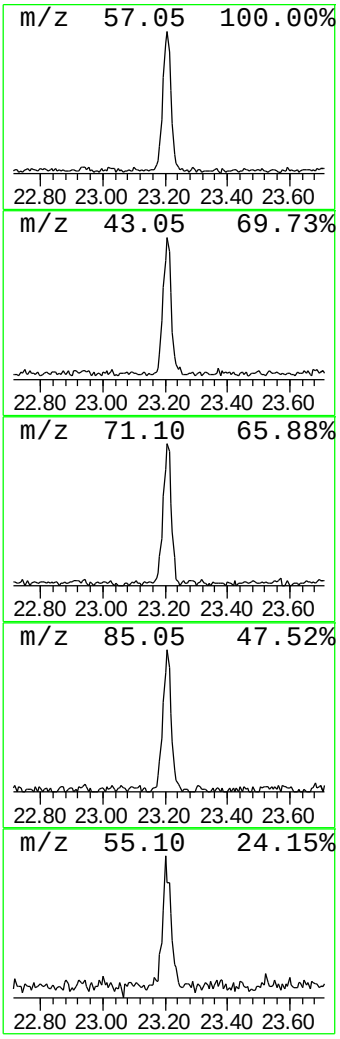
****

Peak Number 6 Eicosane, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.21	2.94 ng	182053	Chrysene-d12	21.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane, 2-methyl-	296	C21H44	001560-84-5	91
2	Heneicosane	296	C21H44	000629-94-7	90
3	Pentacosane	352	C25H52	000629-99-2	90
4	Heptadecane	240	C17H36	000629-78-7	90
5	Hentriacontane	437	C31H64	000630-04-6	90





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Operator : JU
Sample : K5154-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-106I

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

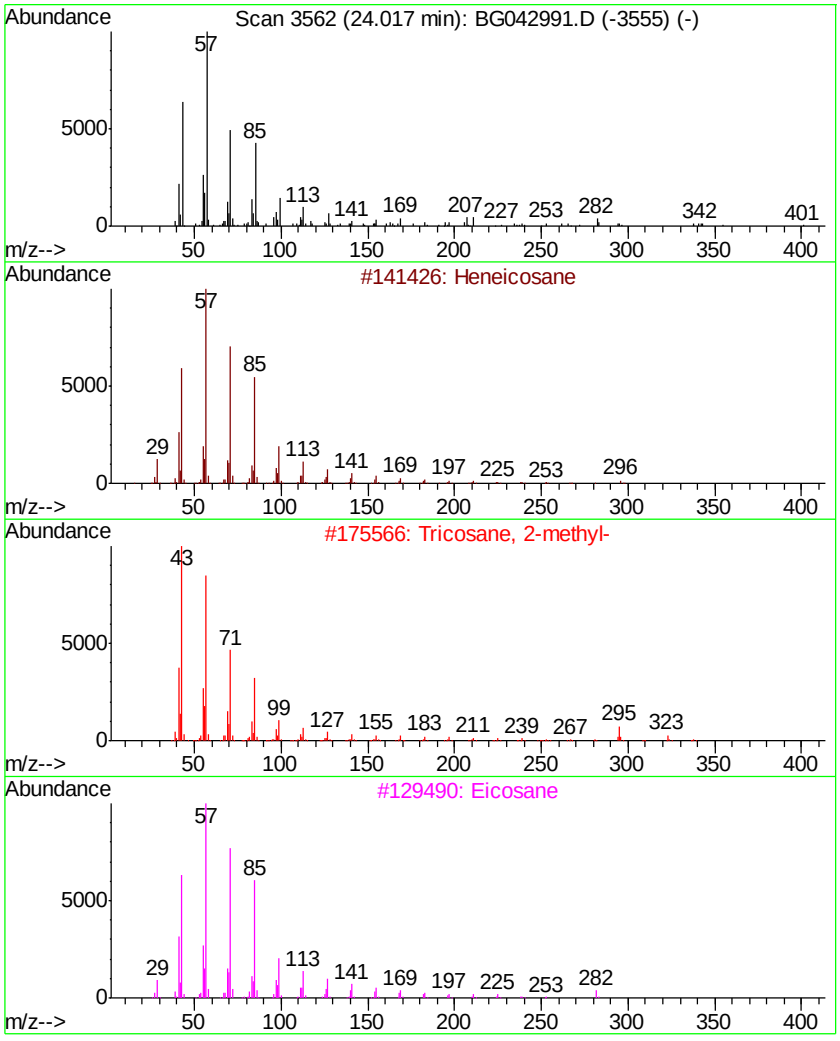
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

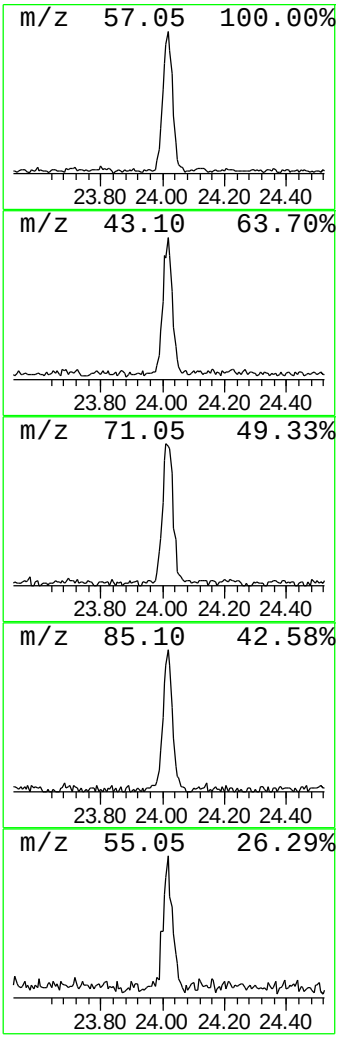
****

Peak Number 7 Heneicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.02	2.90 ng	220001	Perylene-d12	24.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	97
2	Tricosane, 2-methyl-	338	C24H50	001928-30-9	91
3	Eicosane	282	C20H42	000112-95-8	91
4	Tetracosane	338	C24H50	000646-31-1	91
5	Triacontane	422	C30H62	000638-68-6	83





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Operator : JU
Sample : K5154-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-106I

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

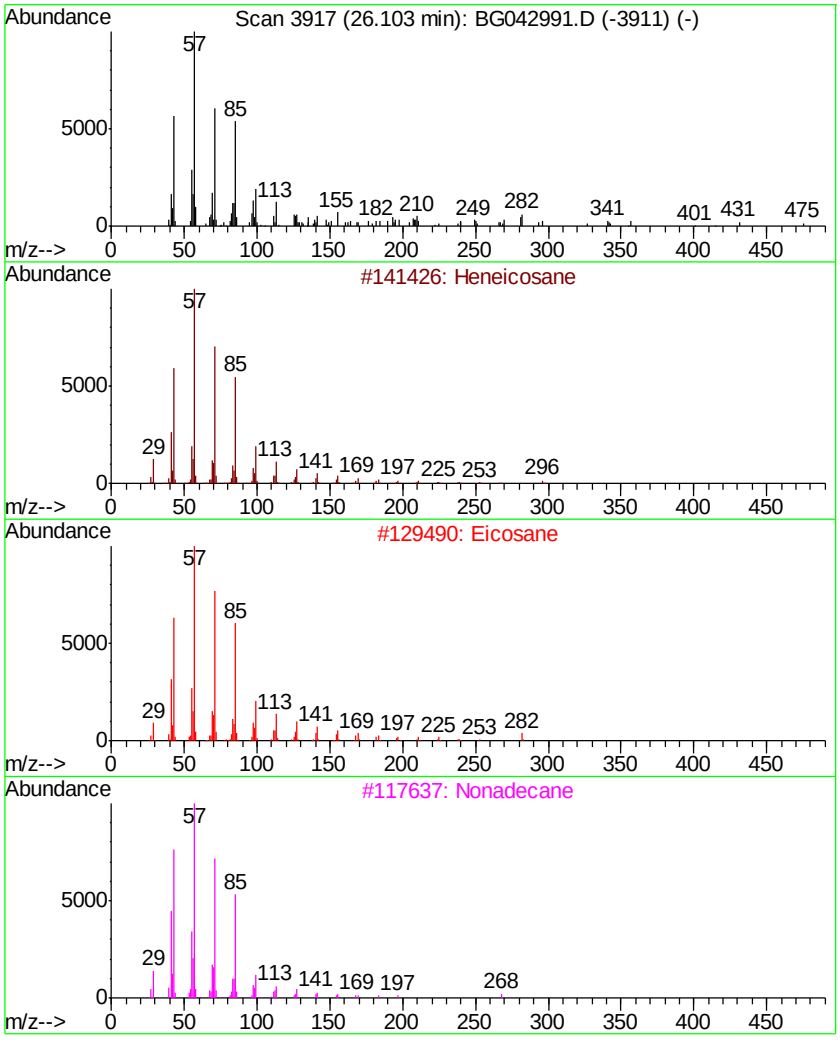
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

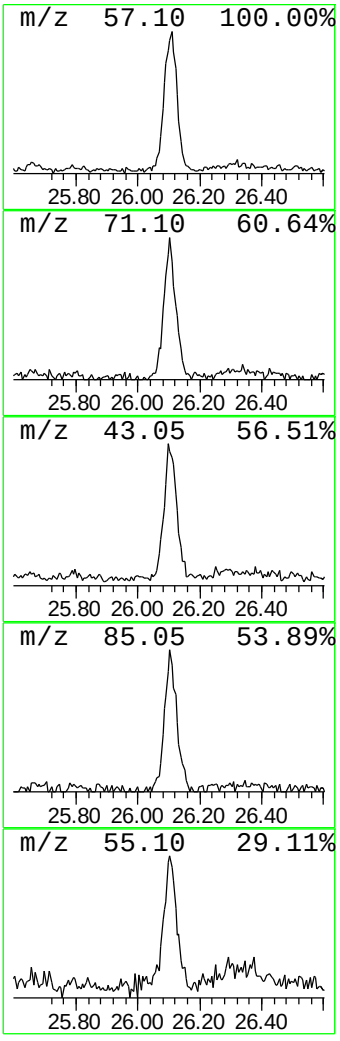
****

Peak Number 8 Nonadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.10	2.09 ng	158605	Perylene-d12	24.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	93
2	Eicosane	282	C20H42	000112-95-8	91
3	Nonadecane	268	C19H40	000629-92-5	89
4	Hexacosane	366	C26H54	000630-01-3	87
5	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	83





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG100219\
Data File : BG042991.D
Acq On : 2 Oct 2019 19:06
Operator : JU
Sample : K5154-04
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Instrument : BNA_G
ClientSampleId : MW-106I

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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-	3.18	30.1	ng	677990	1	8.07	450039	20.0
Butane, 2-methoxy...	3.26	35.5	ng	797707	1	8.07	450039	20.0
unknown7.61	7.61	102.9	ng	2314910	1	8.07	450039	20.0
n-Hexadecanoic acid	18.32	4.3	ng	227258	4	17.43	1064210	20.0
Eicosane, 2-methyl-	23.21	2.9	ng	182053	5	21.70	1236670	20.0
Heneicosane	24.02	2.9	ng	220001	6	24.92	1519800	20.0
Nonadecane	26.10	2.1	ng	158605	6	24.92	1519800	20.0