LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061819\
Data File : BG041298.D
Acq On : 18 Jun 2019 15:35
Operator : HP/JU
Sample : K3376-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : NEW-DOVER-TP

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-BG061719.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	4.534	241	246	251	rBV2	71358	115401	4.53%	0.821%
2	5.151	347	351	356	rVB2	19808	30799	1.21%	0.219%
3	5.615	424	430	447	rVB	566808	941427	36.97%	6.701%
4	7.230	698	705	723	rBV	622411	1113936	43.74%	7.929%
5	7.606	762	769	777	rBV	600446	1044518	41.02%	7.435%
6	8.076	843	849	858	rBV	141509	244296	9.59%	1.739%
7	8.400	897	904	915	rBV	453544	788932	30.98%	5.616%
8	9.257	1042	1050	1061	rBV	371515	683545	26.84%	4.866%
9	10.897	1322	1329	1342	rBV	163565	320151	12.57%	2.279%
10	13.335	1737	1744	1754	rBV	1010820	1542514	60.57%	10.980%
11	14.158	1879	1884	1892	rBV	84803	137659	5.41%	0.980%
12	14.716	1973	1979	1987	rBV2	305992	486186	19.09%	3.461%
13	16.202	2225	2232	2246	rBV	881762	1354562	53.19%	9.642%
14	17.460	2440	2446	2459	rBV2	416029	642341	25.22%	4.572%
15	18.317	2587	2592	2599	rBV2	42890	77188	3.03%	0.549%
16	19.587	2803	2808	2814	rBV8	11968	26535	1.04%	0.189%
17	20.057	2882	2888	2897	rBV	1991897	2546615	100.00%	18.128%
18	21.332	3100	3105	3111	rBV3	53886	97658	3.83%	0.695%
19	21.737	3166	3174	3183	rBV2	441583	758143	29.77%	5.397%
20	21.878	3194	3198	3202	rBV2	22969	31155	1.22%	0.222%
21	22.495	3299	3303	3309	rBV2	28267	47675	1.87%	0.339%
22	23.194	3417	3422	3429	rVB	41169	74313	2.92%	0.529%
23	24.023	3556	3563	3570	rVB3	42459	91385	3.59%	0.651%
24	24.986	3719	3727	3729	rBV4	34853	76584	3.01%	0.545%
25	25.045	3729	3737	3749	rVB2	239974	703635	27.63%	5.009%
26	26.138	3914	3923	3932	rVB8	24605	70957	2.79%	0.505%

Sum of corrected areas: 14048110

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061819\
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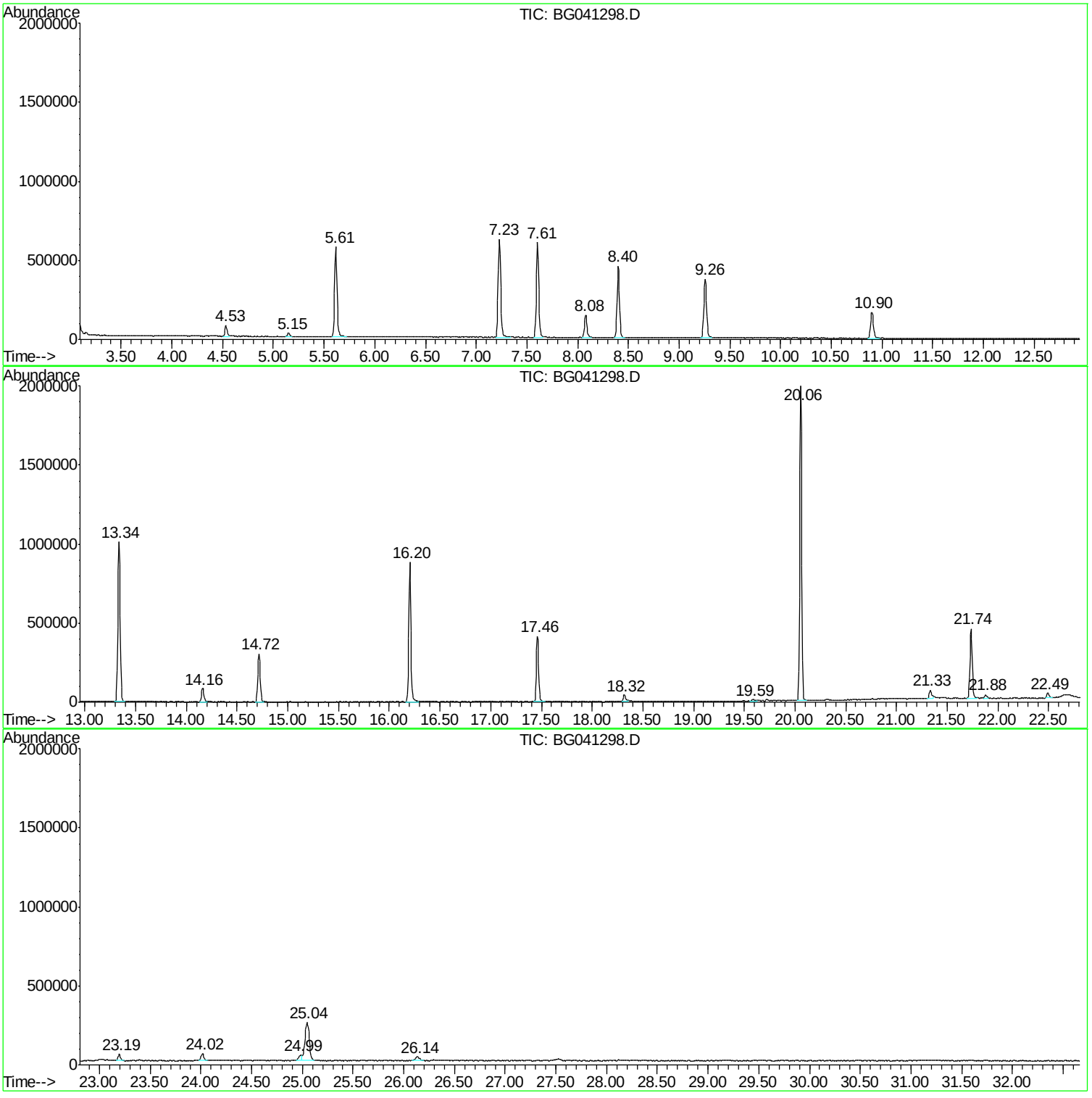
Sample : K3376-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
NEW-DOVER-TP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061719.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\BG061819\
Data File : BG041298.D
Acq On : 18 Jun 2019 15:35
Operator : HP/JU
Sample : K3376-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : NEW-DOVER-TP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

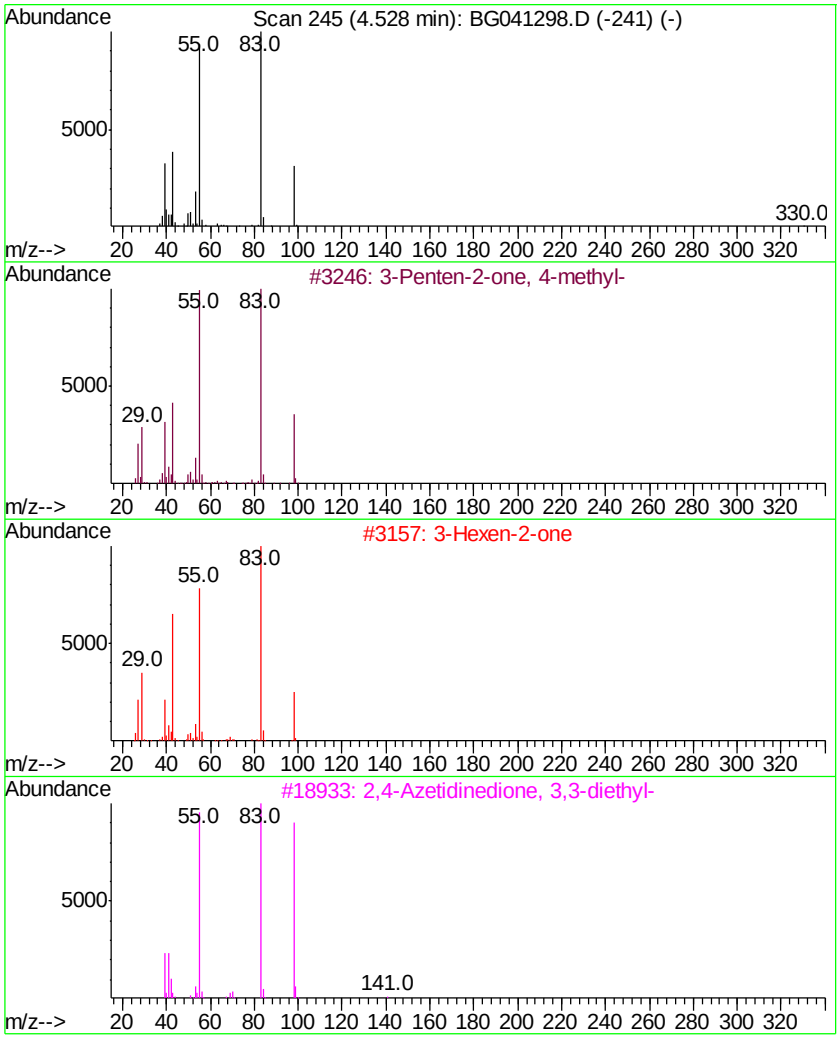
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

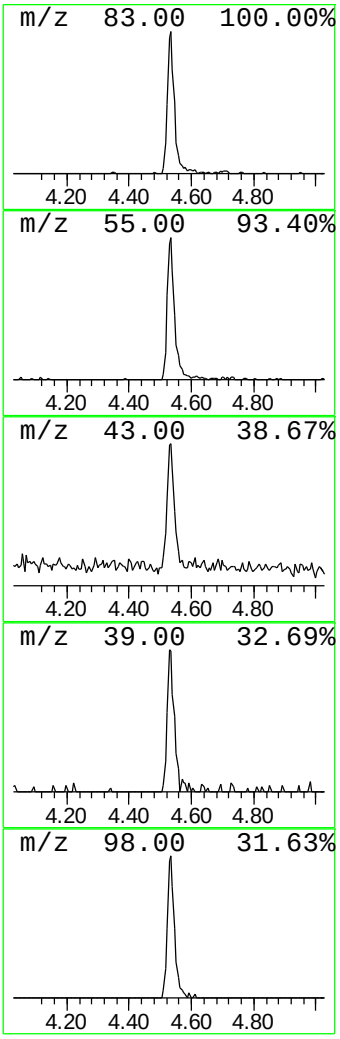
****

Peak Number 1 3-Penten-2-one, 4-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.53	9.45 ng	115401	1,4-Dichlorobenzene-d4	8.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	90
2	3-Hexen-2-one	98	C6H10O	000763-93-9	78
3	2,4-Azetidinedione, 3,3-diethyl-	141	C7H11NO2	042282-85-9	78
4	2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	72
5	2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	72





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061819\
Data File : BG041298.D
Acq On : 18 Jun 2019 15:35
Operator : HP/JU
Sample : K3376-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : NEW-DOVER-TP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061719.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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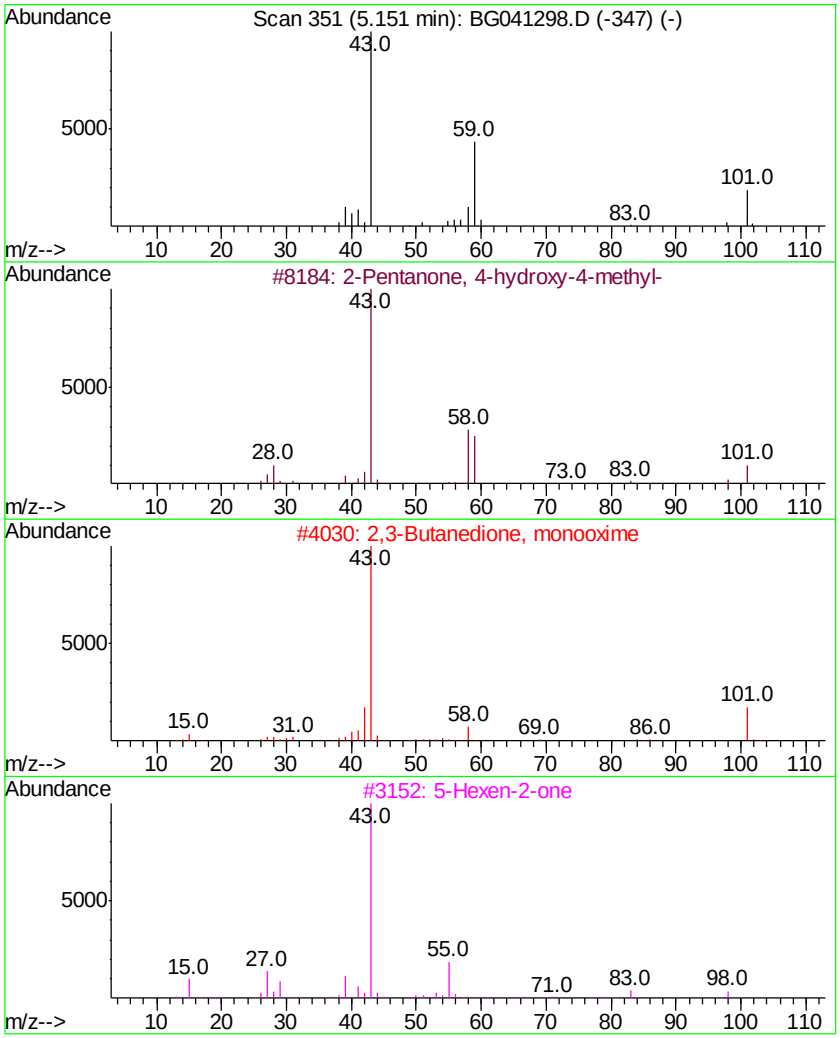
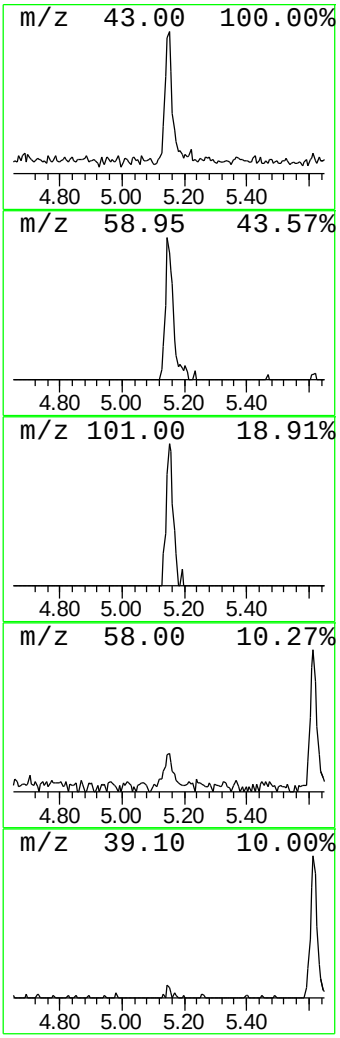
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.15	2.52 ng	30799	1,4-Dichlorobenzene-d4	8.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	28
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	16
3	5-Hexen-2-one	98	C6H10O	000109-49-9	9
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	4-Penten-2-one, 4-methyl-	98	C6H10O	003744-02-3	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061819\
Data File : BG041298.D
Acq On : 18 Jun 2019 15:35
Operator : HP/JU
Sample : K3376-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : NEW-DOVER-TP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

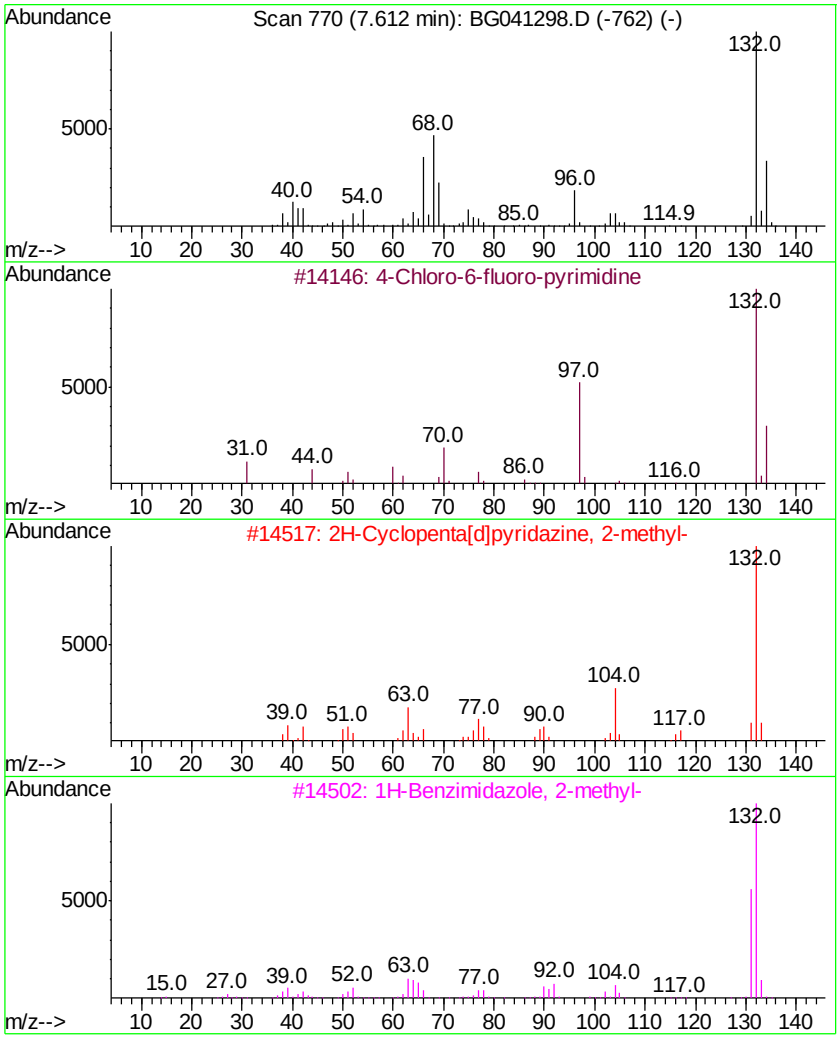
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

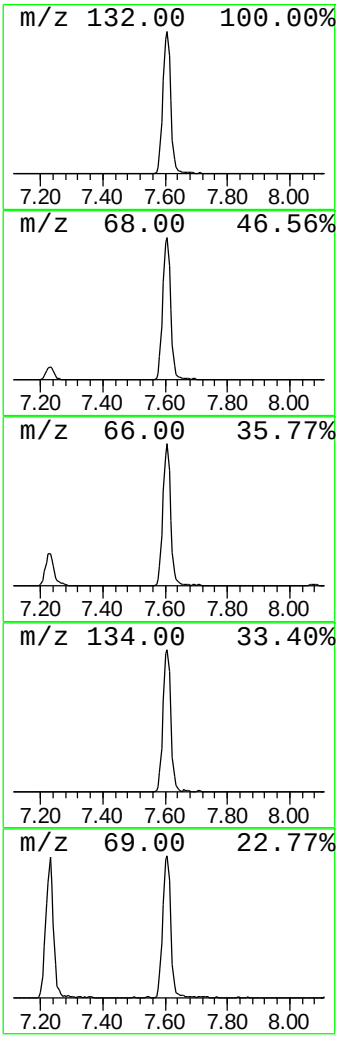
****

Peak Number 3 unknown7.61 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.61	85.51 ng	1044520	1,4-Dichlorobenzene-d4	8.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	22
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
5	Cyclopropanamine, 1-phenyl-	133	C9H11N	1000351-26-2	14





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061819\
Data File : BG041298.D
Acq On : 18 Jun 2019 15:35
Operator : HP/JU
Sample : K3376-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : NEW-DOVER-TP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061719.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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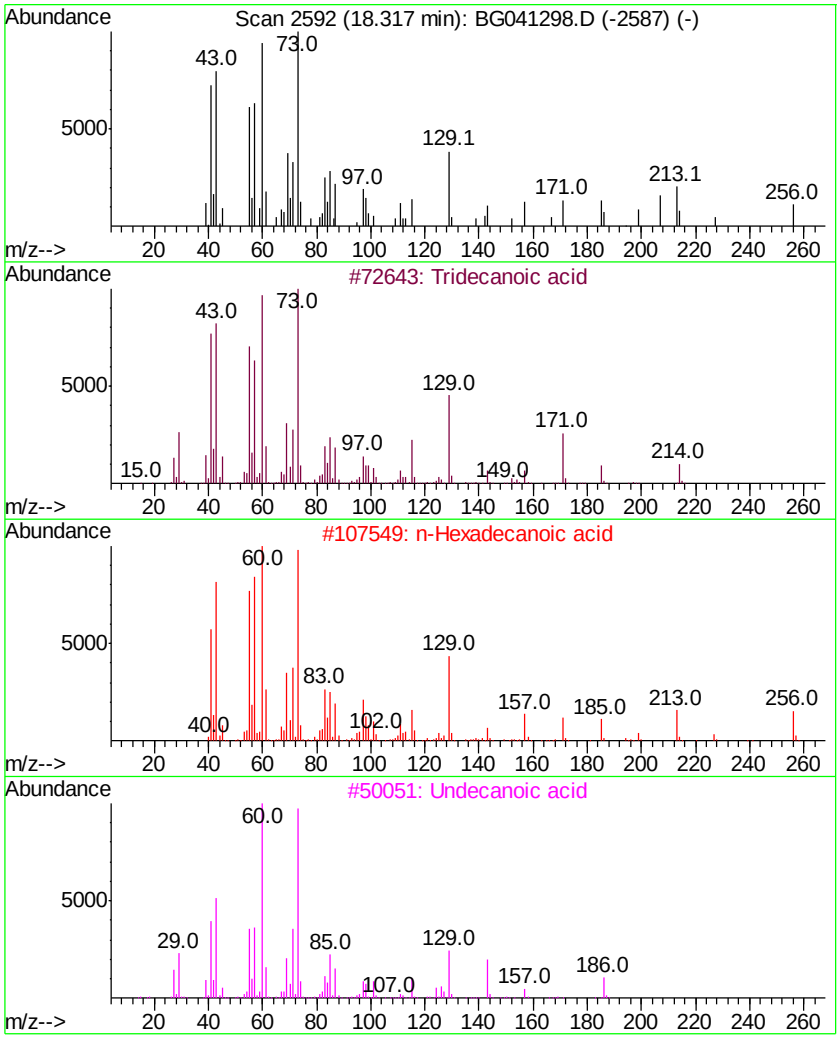
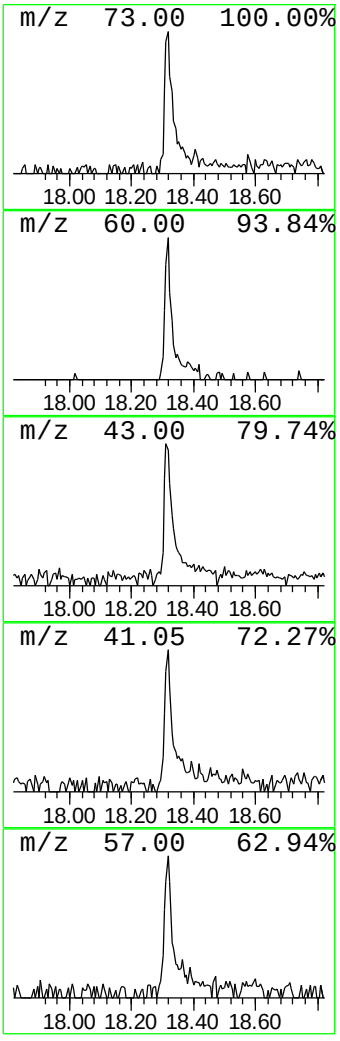
Peak Number 5 Tridecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.32	2.40 ng	77188	Phenanthrene-d10	17.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	90
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	89
3	Undecanoic acid	186	C11H22O2	000112-37-8	68
4	Dodecanoic acid	200	C12H24O2	000143-07-7	64
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	64





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061819\
Data File : BG041298.D
Acq On : 18 Jun 2019 15:35
Operator : HP/JU
Sample : K3376-01
Misc :
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Instrument : BNA_G
ClientSampleId : NEW-DOVER-TP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

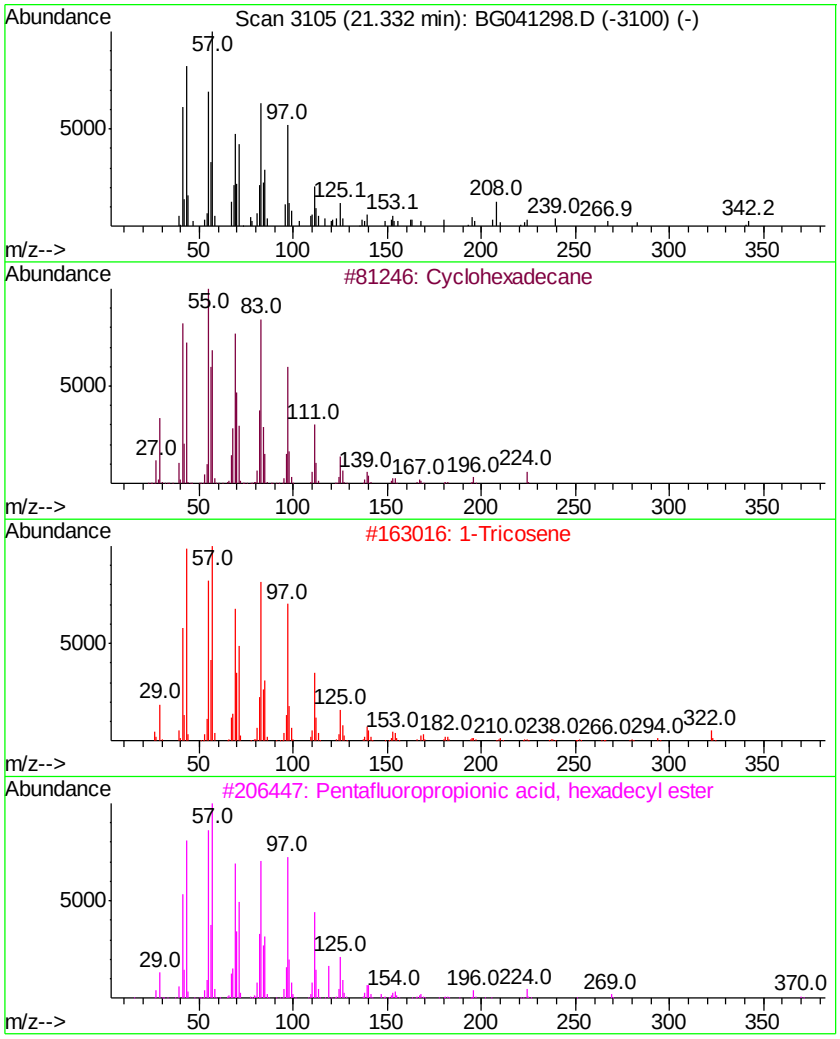
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

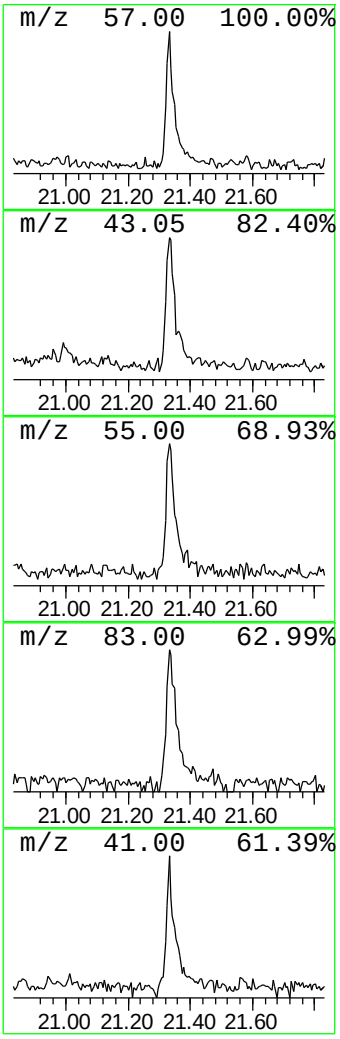
****

Peak Number 6 Cyclohexadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.33	2.58 ng	97658	Chrysene-d12	21.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	87
2	1-Tricosene	322	C23H46	018835-32-0	87
3	Pentafluoropropionic acid, hexad...	388	C19H33F5O2	006222-07-7	83
4	Pentafluoropropionic acid, octad...	416	C21H37F5O2	959261-25-7	83
5	Carbonic acid, isobutyl octadecy...	370	C23H46O3	1000314-61-5	83





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061819\
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Sample : K3376-01
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Instrument : BNA_G
ClientSampleId : NEW-DOVER-TP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

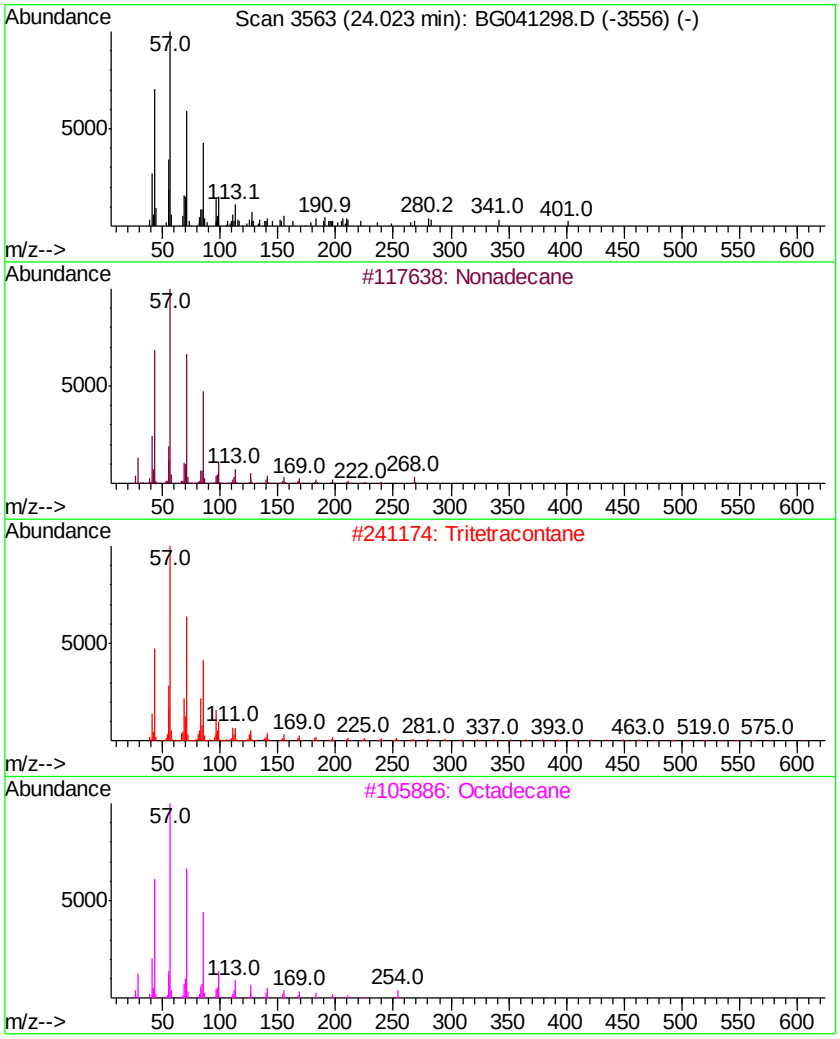
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

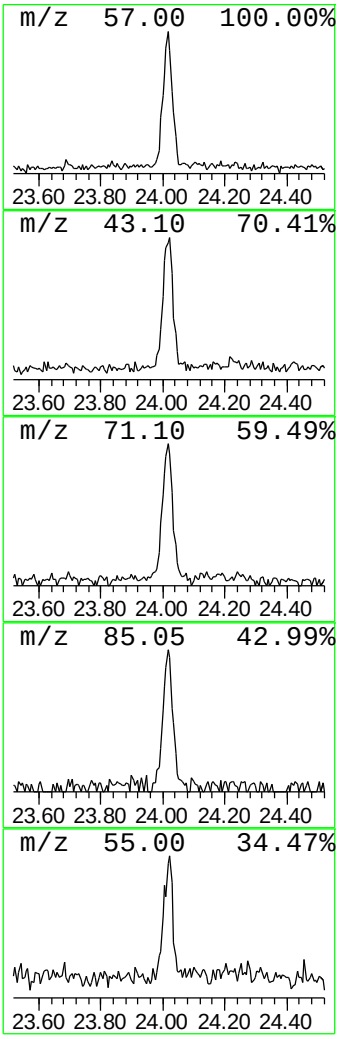
****

Peak Number 7 Nonadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.02	2.60 ng	91385	Perylene-d12	25.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	96
2	Tritetracontane	605	C43H88	007098-21-7	74
3	Octadecane	254	C18H38	000593-45-3	74
4	Tetratetracontane	619	C44H90	007098-22-8	74
5	Octacosane	394	C28H58	000630-02-4	74





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Acq On : 18 Jun 2019 15:35
Operator : HP/JU
Sample : K3376-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : NEW-DOVER-TP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

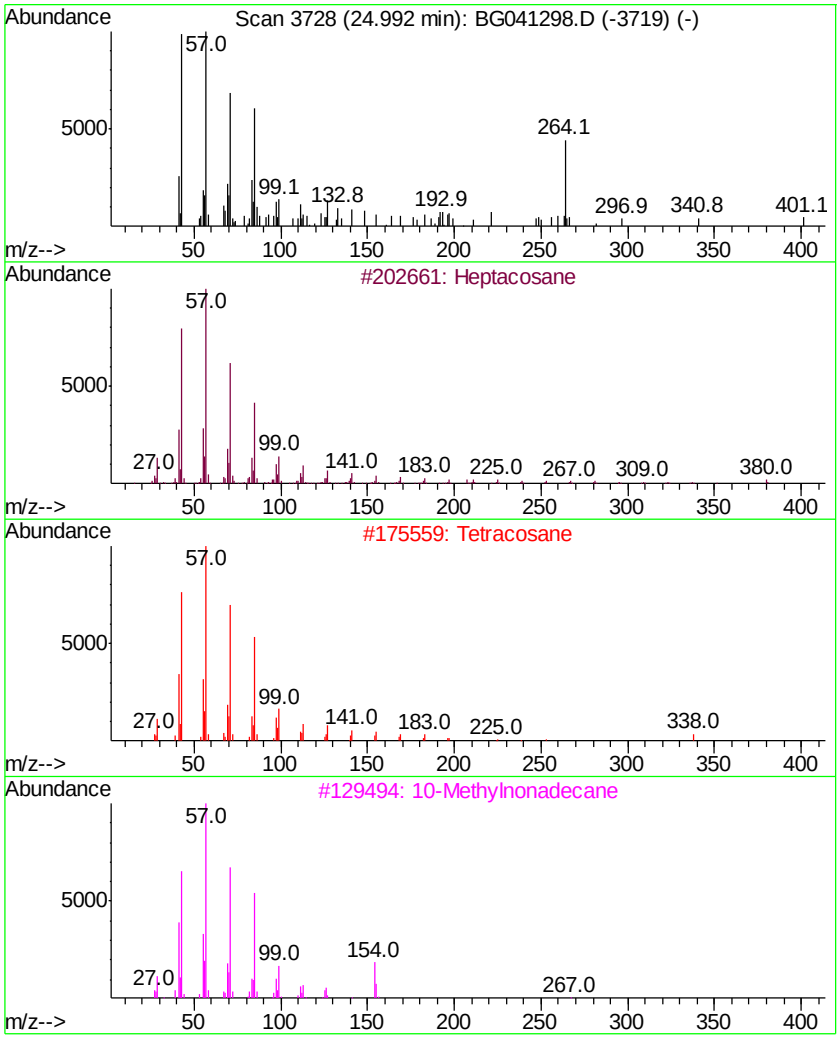
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

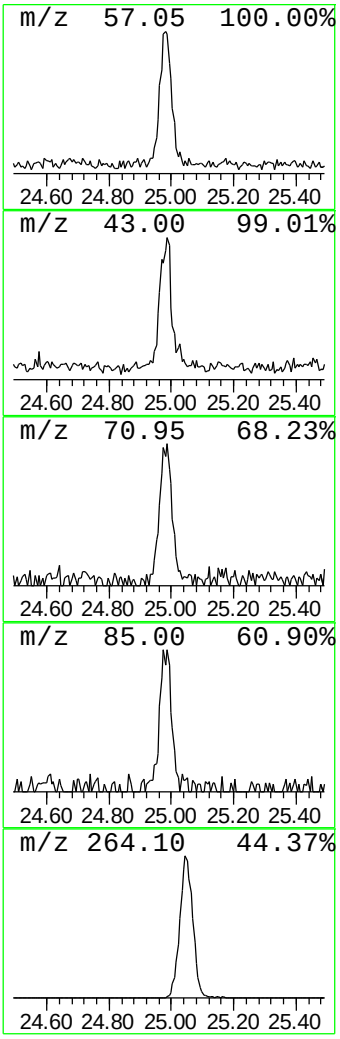
****

Peak Number 8 Heptacosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.99	2.18 ng	76584	Perylene-d12	25.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	64
2	Tetracosane	338	C24H50	000646-31-1	64
3	10-Methylnonadecane	282	C20H42	056862-62-5	60
4	Hexacosane	366	C26H54	000630-01-3	58
5	Docosane, 11-butyl-	366	C26H54	013475-76-8	58





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061819\
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Sample : K3376-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : NEW-DOVER-TP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061719.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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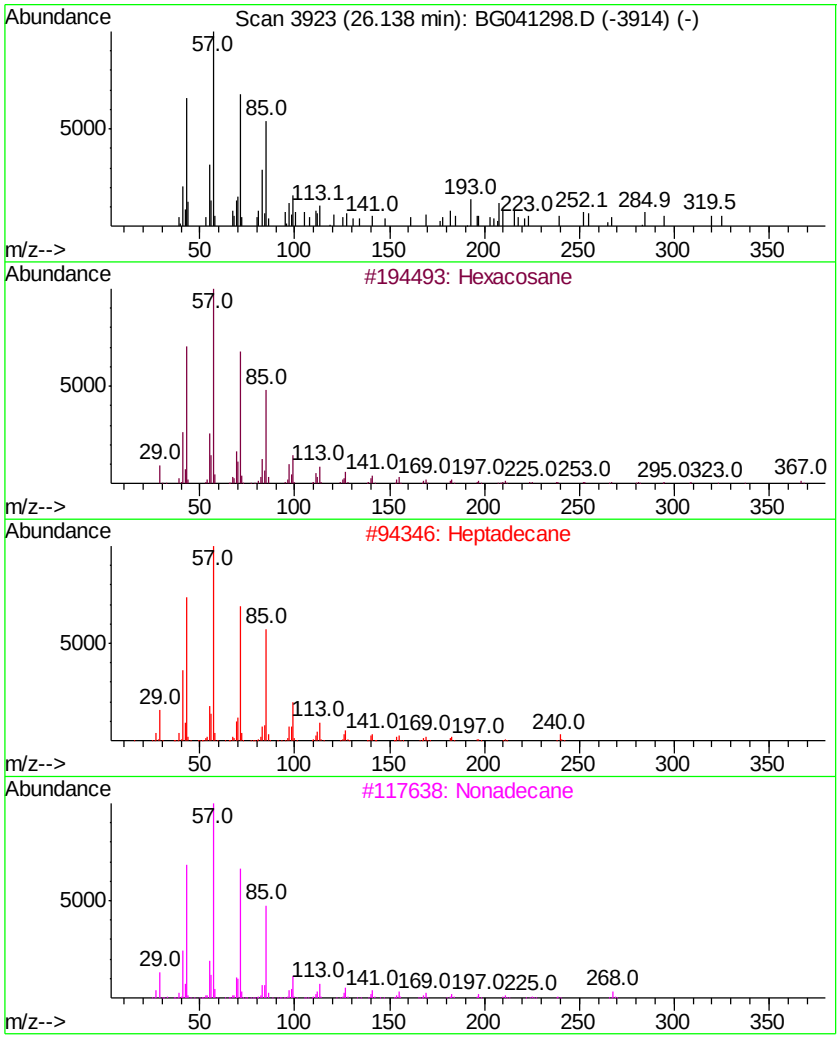
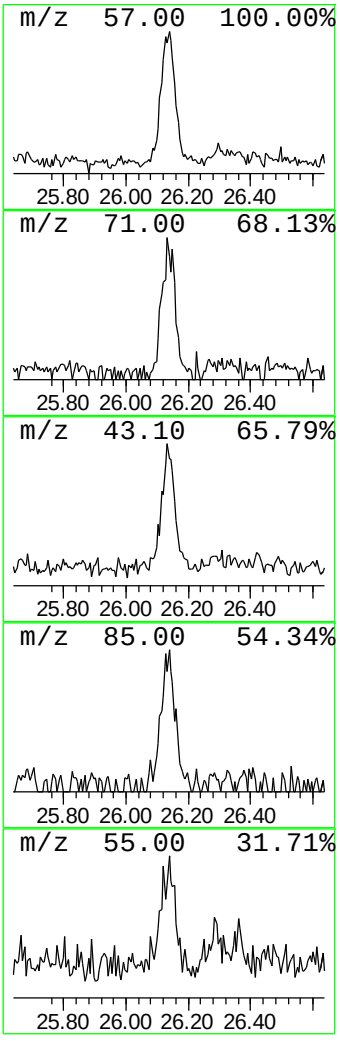
Peak Number 9 Hexacosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.14	2.02 ng	70957	Perylene-d12	25.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	53
2	Heptadecane	240	C17H36	000629-78-7	53
3	Nonadecane	268	C19H40	000629-92-5	53
4	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	53
5	Heneicosane	296	C21H44	000629-94-7	53





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG061819\
Data File : BG041298.D
Acq On : 18 Jun 2019 15:35
Operator : HP/JU
Sample : K3376-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : NEW-DOVER-TP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061719.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
3-Penten-2-one, 4...	4.53	9.4	ng	115401	1	8.08	244296	20.0
2-Pentanone, 4-hy...	5.15	2.5	ng	30799	1	8.08	244296	20.0
unknown7.61	7.61	85.5	ng	1044520	1	8.08	244296	20.0
Tridecanoic acid	18.32	2.4	ng	77188	4	17.46	642341	20.0
Cyclohexadecane	21.33	2.6	ng	97658	5	21.74	758143	20.0
Nonadecane	24.02	2.6	ng	91385	6	25.04	703635	20.0
Heptacosane	24.99	2.2	ng	76584	6	25.04	703635	20.0
Hexacosane	26.14	2.0	ng	70957	6	25.04	703635	20.0