LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071619\
Data File : BG041666.D
Acq On : 16 Jul 2019 13:47
Operator : HP/JU
Sample : K3820-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : RBR-200050

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-BG071519.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	3.118	3	5	14	rVB	228722	354693	5.30%	0.880%
2	3.194	14	18	33	rVB	591164	912346	13.64%	2.262%
3	5.609	422	429	441	rBV	1763734	2823872	42.22%	7.002%
4	7.201	690	700	716	rBV	1887367	3250829	48.60%	8.061%
5	7.583	756	765	773	rBV	1751849	3071544	45.92%	7.616%
6	8.047	837	844	853	rBV	345655	586927	8.78%	1.455%
7	8.376	892	900	910	rVB	1325153	2310157	34.54%	5.728%
8	9.204	1032	1041	1050	rBV	1097618	1937986	28.98%	4.805%
9	10.856	1313	1322	1331	rVB	485007	855319	12.79%	2.121%
10	13.300	1730	1738	1746	rVB	2888095	4518764	67.56%	11.205%
11	14.011	1853	1859	1865	rBV2	98031	141462	2.12%	0.351%
12	14.116	1868	1877	1889	rVV	379701	557048	8.33%	1.381%
13	14.669	1959	1971	1981	rBV2	736648	1207249	18.05%	2.994%
14	16.143	2215	2222	2230	rBV	2364462	3596885	53.78%	8.919%
15	17.401	2430	2436	2445	rBV2	1006223	1555439	23.26%	3.857%
16	18.300	2580	2589	2598	rBV	234117	387999	5.80%	0.962%
17	19.563	2800	2804	2815	rBV2	97403	147399	2.20%	0.365%
18	20.009	2874	2880	2887	rBV	4990882	6688473	100.00%	16.585%
19	21.331	3100	3105	3125	rBV2	143438	647957	9.69%	1.607%
20	21.655	3153	3160	3168	rBV2	1055951	1767516	26.43%	4.383%
21	21.878	3195	3198	3207	rVB	56465	83856	1.25%	0.208%
22	22.495	3299	3303	3309	rBV	101227	165089	2.47%	0.409%
23	23.194	3417	3422	3430	rVB	124917	216834	3.24%	0.538%
24	24.011	3555	3561	3571	rVB	121793	266218	3.98%	0.660%
25	24.851	3694	3704	3715	rVB2	664049	1822437	27.25%	4.519%
26	24.968	3718	3724	3733	rVB2	98724	241720	3.61%	0.599%
27	26.126	3914	3921	3931	rVB3	69184	212707	3.18%	0.527%

Sum of corrected areas: 40328725

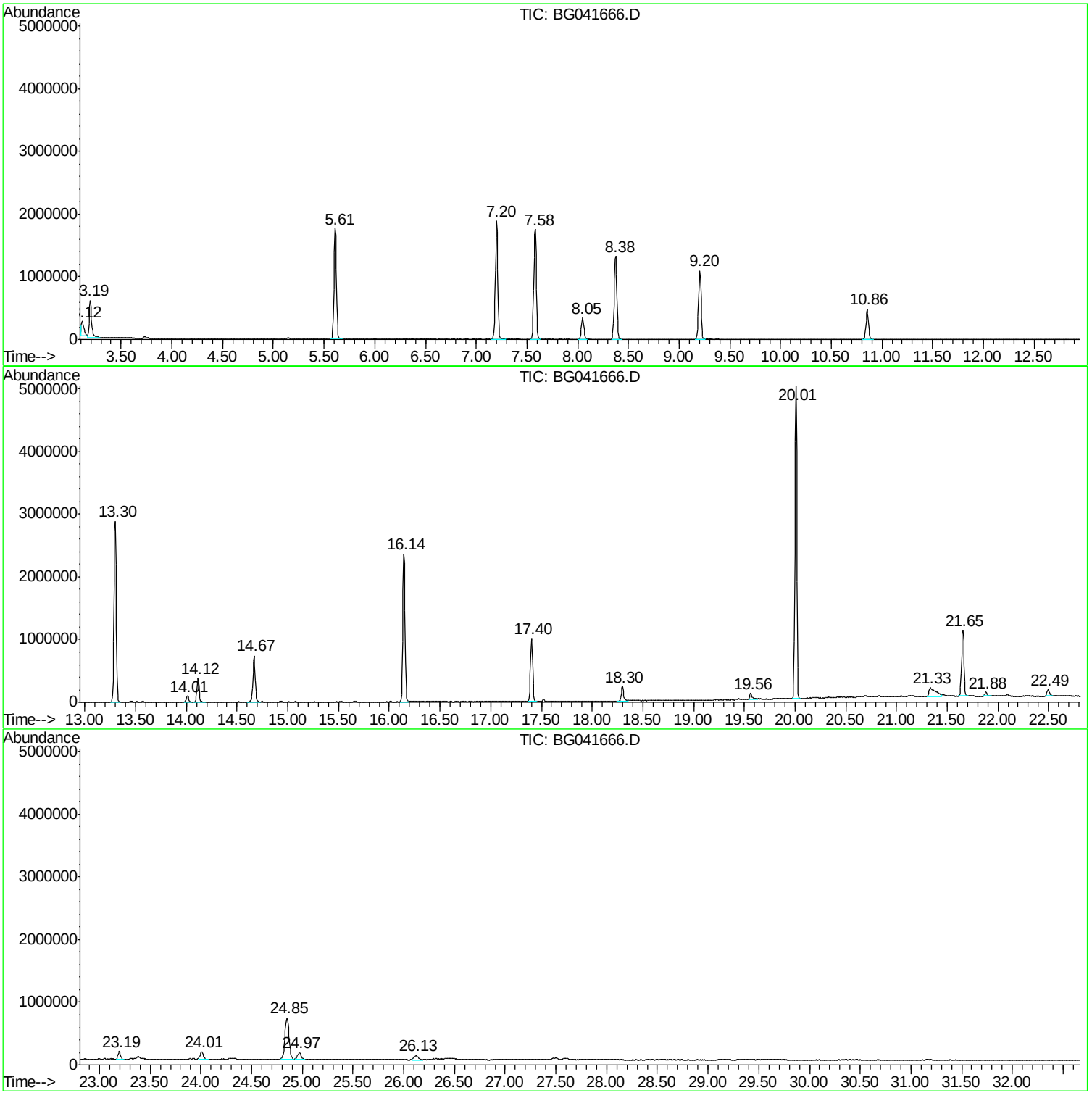
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071619\
Data File : BG041666.D
Acq On : 16 Jul 2019 13:47
Operator : HP/JU
Sample : K3820-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : RBR-200050

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071519.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\BG071619\
Data File : BG041666.D
Acq On : 16 Jul 2019 13:47
Operator : HP/JU
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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : RBR-200050

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

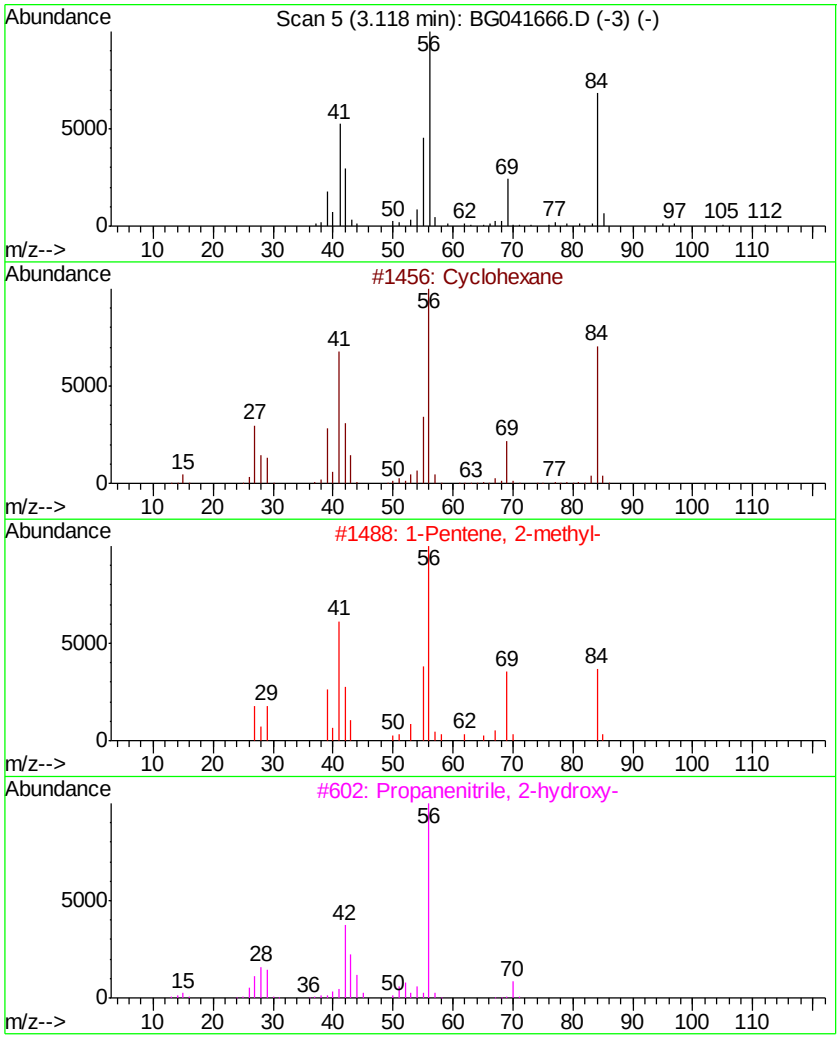
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

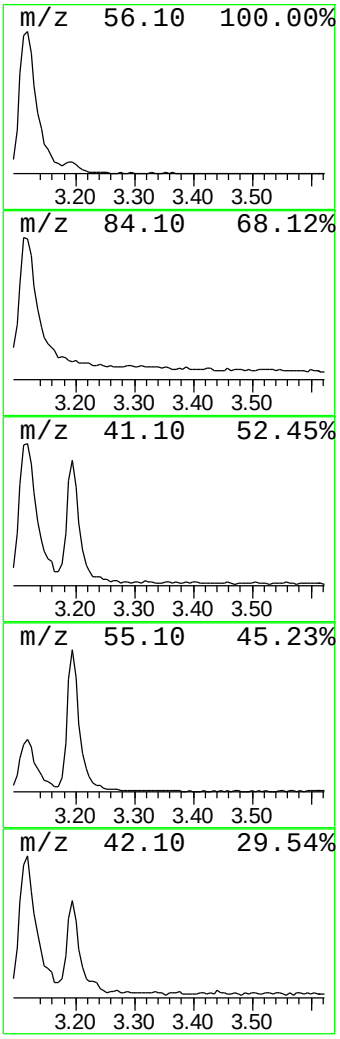
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.12	12.09 ng	354693	1,4-Dichlorobenzene-d4	8.05

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	Propanenitrile, 2-hydroxy-	71	C3H5NO	000078-97-7	47
4	1-Hexene	84	C6H12	000592-41-6	47
5	2-Pentene, 2-methyl-	84	C6H12	000625-27-4	43





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071619\
Data File : BG041666.D
Acq On : 16 Jul 2019 13:47
Operator : HP/JU
Sample : K3820-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : RBR-200050

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

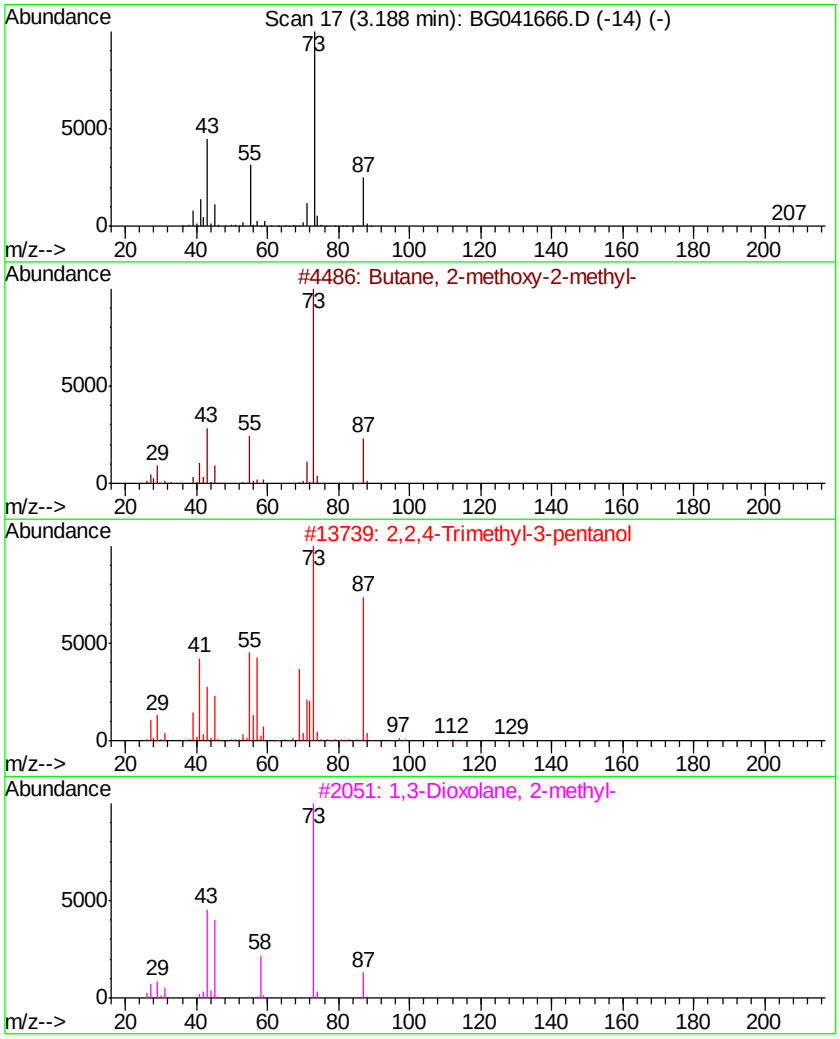
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

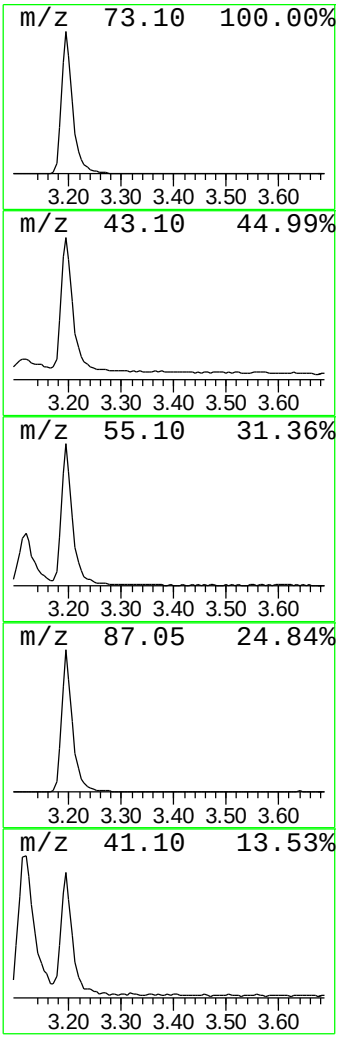
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.19	31.09 ng	912346	1,4-Dichlorobenzene-d4	8.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	38
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	38
4	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	35
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071619\
Data File : BG041666.D
Acq On : 16 Jul 2019 13:47
Operator : HP/JU
Sample : K3820-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : RBR-200050

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

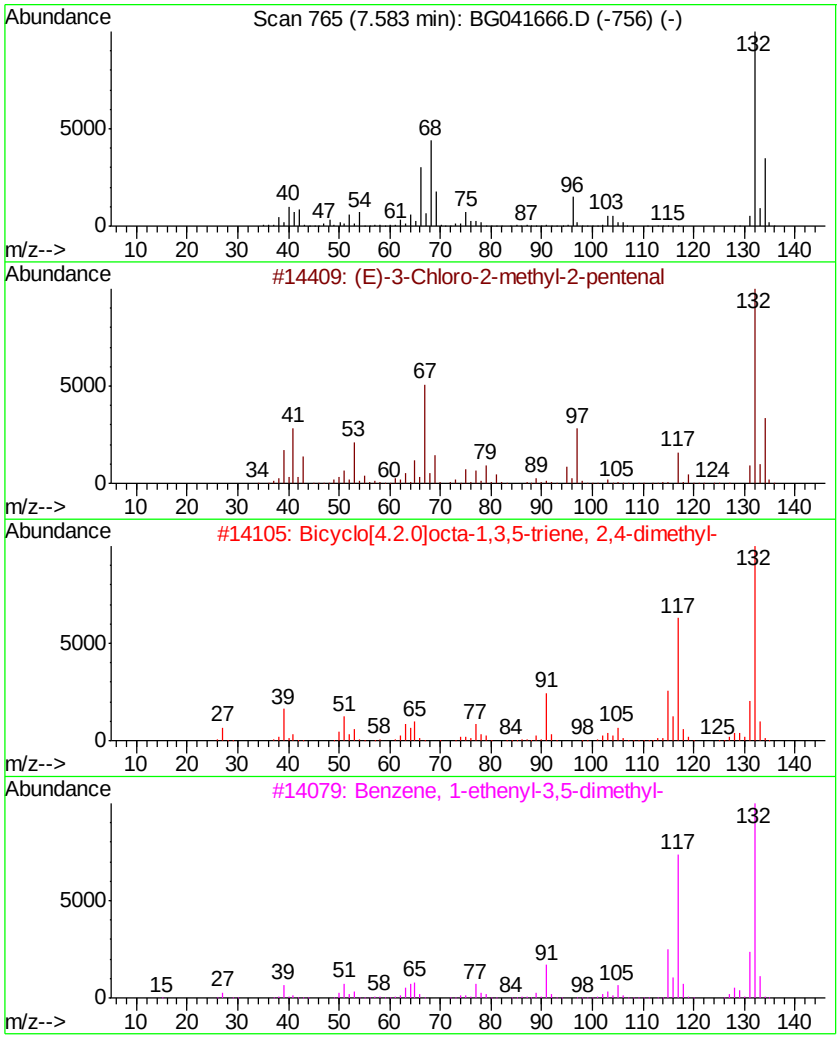
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

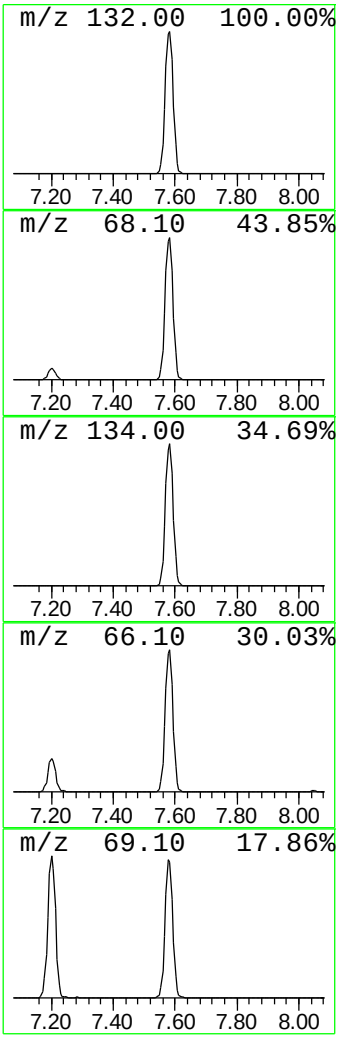
****

Peak Number 3 unknown7.58 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.58	104.67 ng	3071540	1,4-Dichlorobenzene-d4	8.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
2	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
3	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9
4	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
5	Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071619\
Data File : BG041666.D
Acq On : 16 Jul 2019 13:47
Operator : HP/JU
Sample : K3820-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : RBR-200050

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

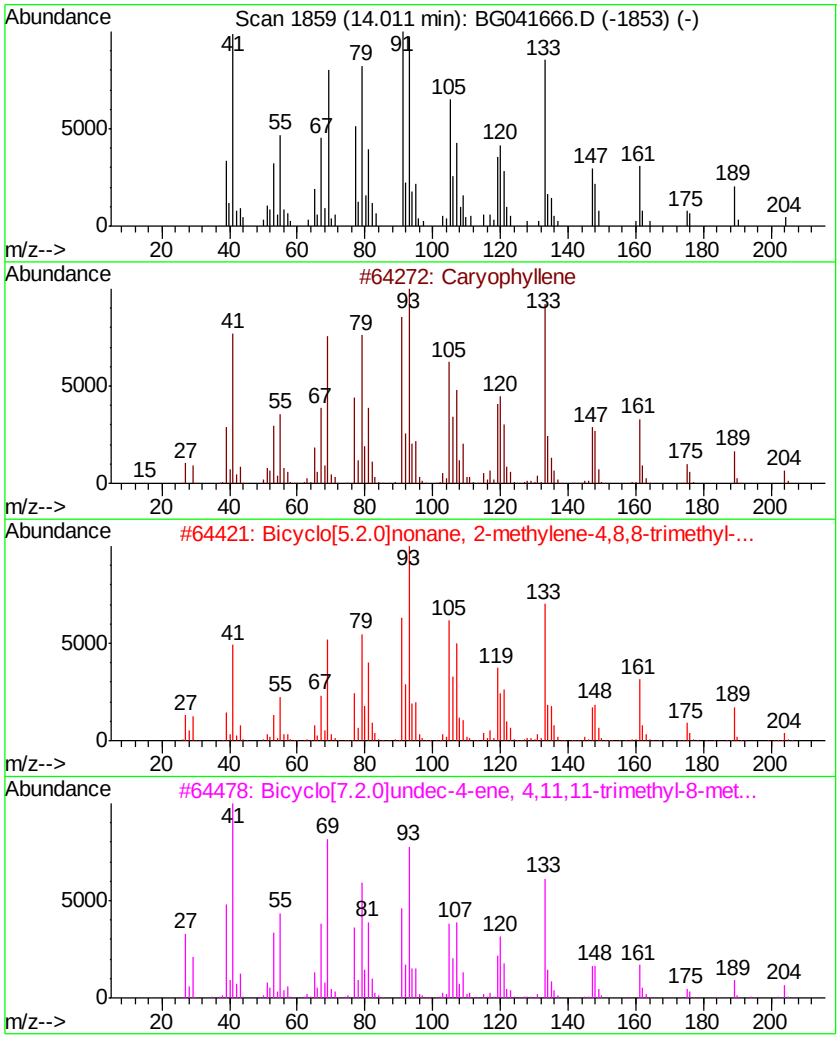
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

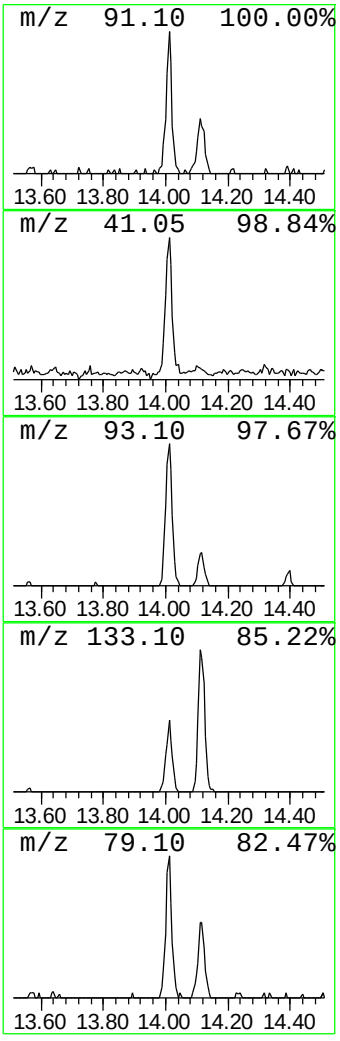
****

Peak Number 5 Caryophyllene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.01	2.34 ng	141462	Acenaphthene-d10	14.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Caryophyllene	204	C15H24	000087-44-5	99
2	Bicyclo[5.2.0]nonane, 2-methylen...	204	C15H24	242794-76-9	95
3	Bicyclo[7.2.0]undec-4-ene, 4,11,...	204	C15H24	000118-65-0	87
4	Bicyclo[7.2.0]undec-4-ene, 4,11,...	204	C15H24	013877-93-5	83
5	.alpha.-Farnesene	204	C15H24	000502-61-4	43





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071619\
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Operator : HP/JU
Sample : K3820-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : RBR-200050

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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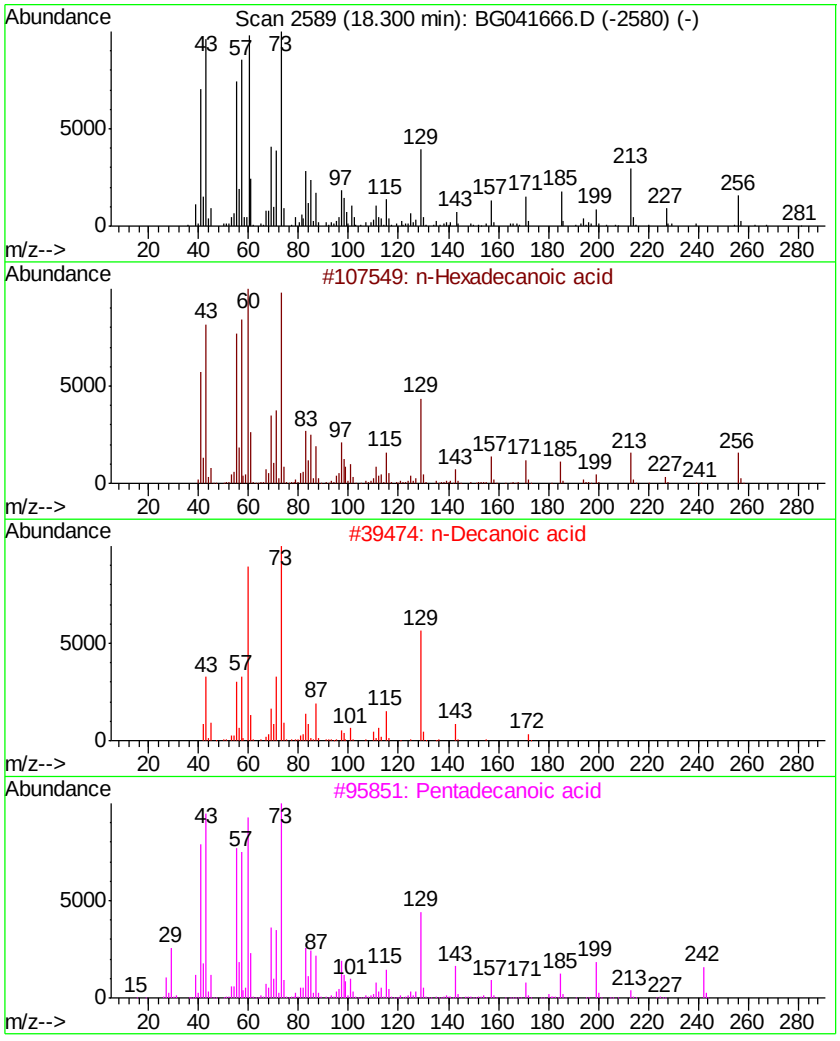
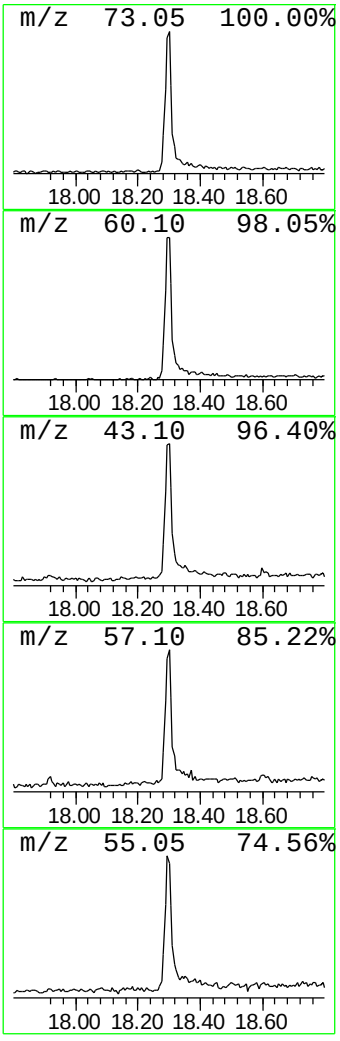
****

Peak Number 6 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.30	4.99 ng	387999	Phenanthrene-d10	17.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	n-Decanoic acid	172	C10H20O2	000334-48-5	86
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	74
5	Dodecanoic acid	200	C12H24O2	000143-07-7	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071619\
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Operator : HP/JU
Sample : K3820-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : RBR-200050

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

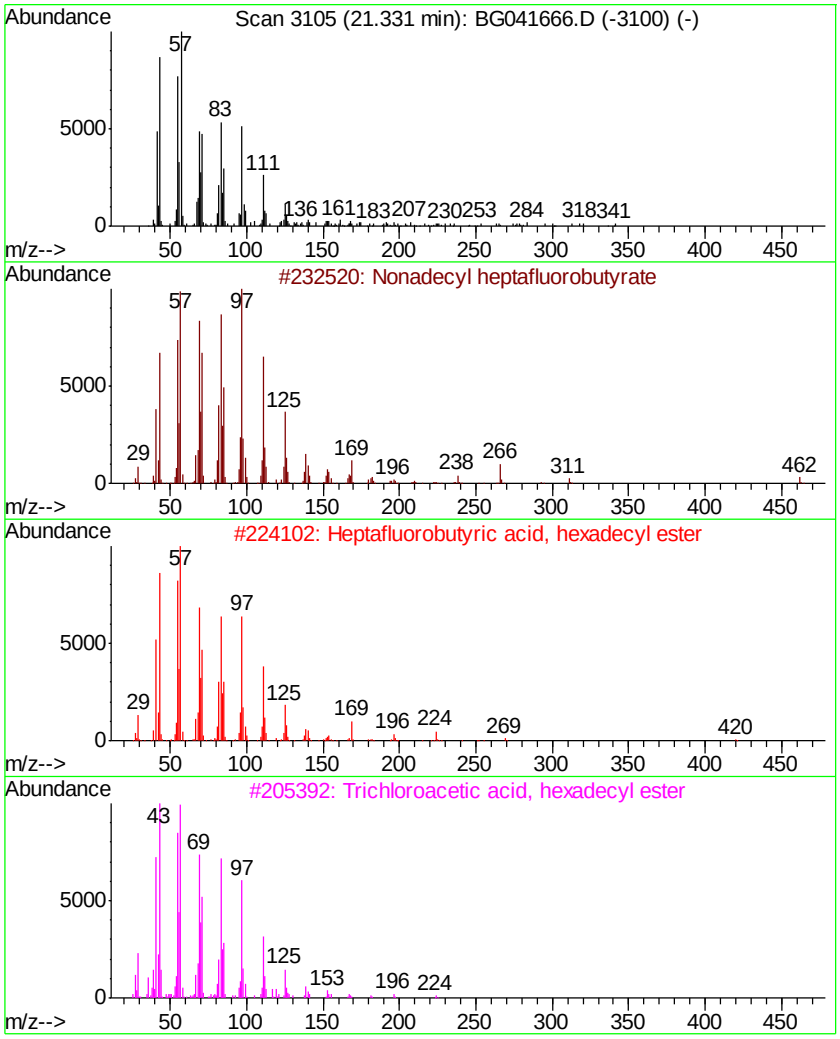
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

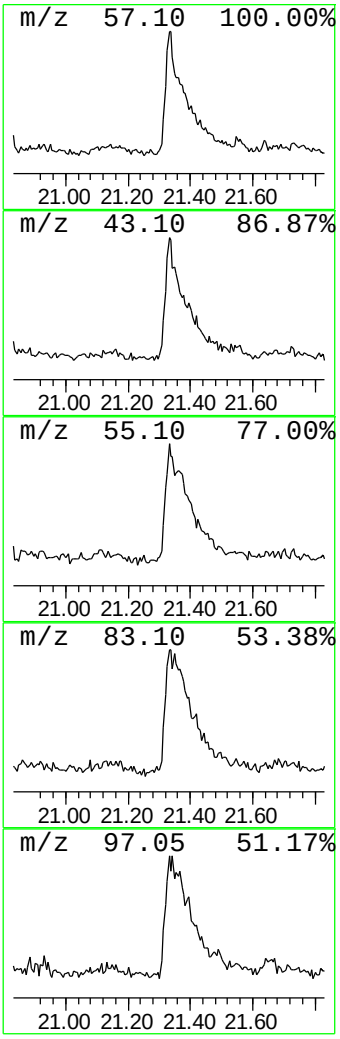
****

Peak Number 7 Nonadecyl heptafluorobutyrate Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.33	7.33 ng	647957	Chrysene-d12	21.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecyl heptafluorobutyrate	480	C23H39F7O2	1000351-83-9	91
2	Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	91
3	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
4	17-Pentatriacontene	491	C35H70	006971-40-0	91
5	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071619\
Data File : BG041666.D
Acq On : 16 Jul 2019 13:47
Operator : HP/JU
Sample : K3820-01
Misc :
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Instrument : BNA_G
ClientSampleId : RBR-200050

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

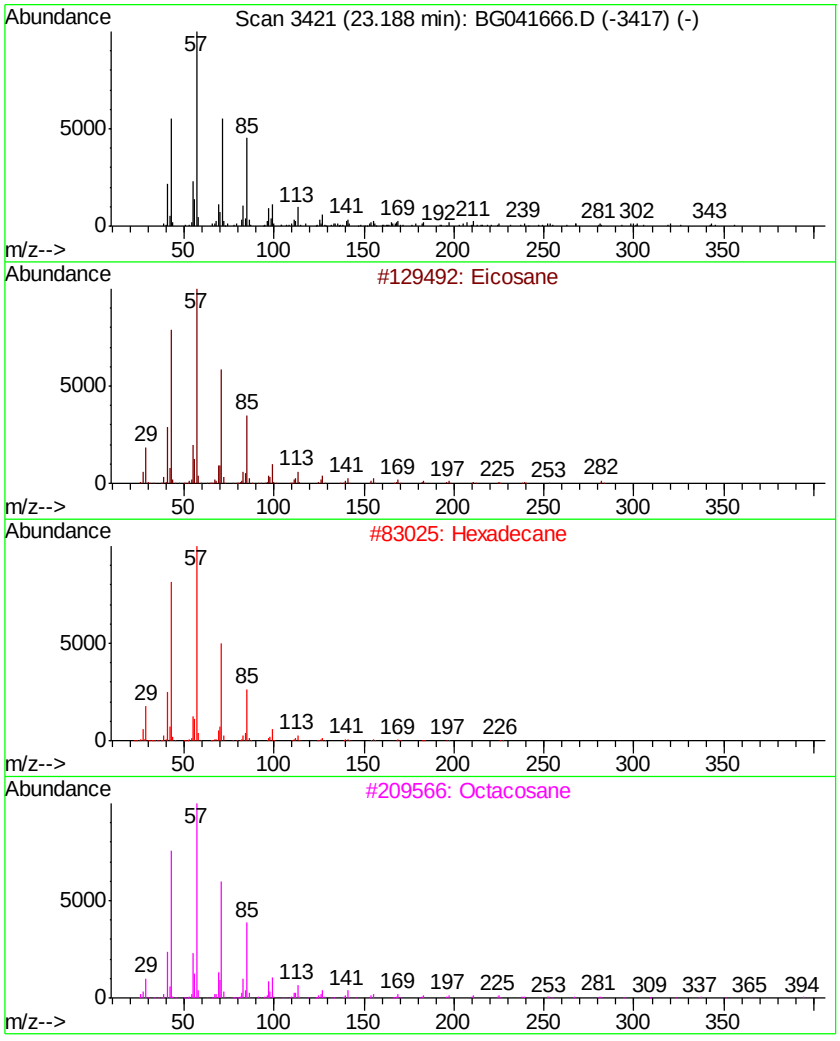
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

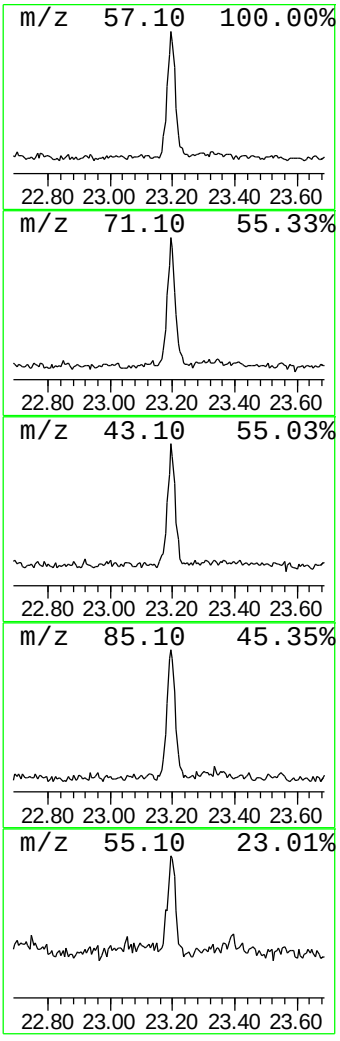
****

Peak Number 8 Eicosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.19	2.45 ng	216834	Chrysene-d12	21.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	97
2	Hexadecane	226	C16H34	000544-76-3	93
3	Octacosane	394	C28H58	000630-02-4	87
4	Hexatriacontane	507	C36H74	000630-06-8	87
5	Heneicosane	296	C21H44	000629-94-7	87





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Data File : BG041666.D
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Operator : HP/JU
Sample : K3820-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : RBR-200050

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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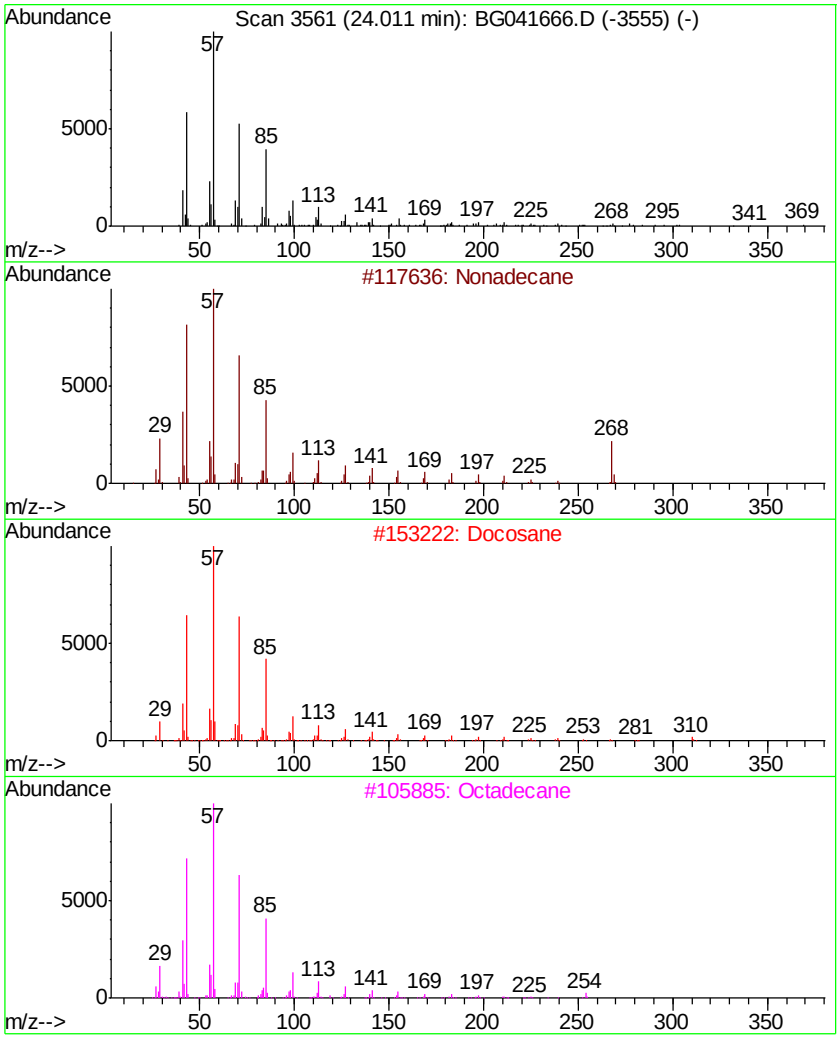
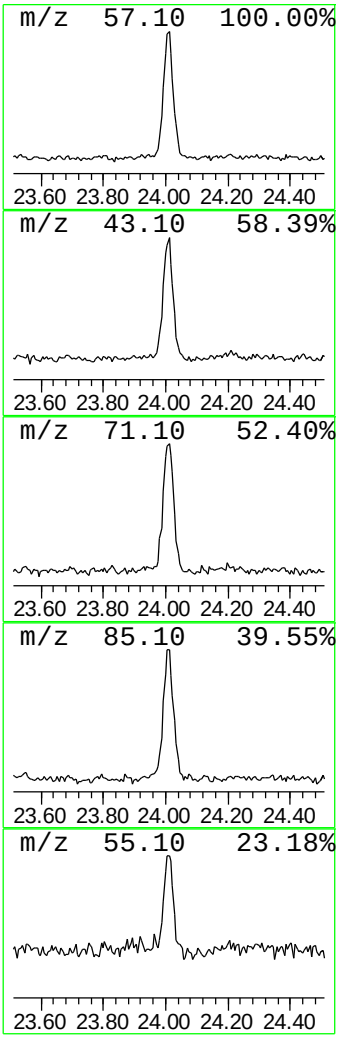
****

Peak Number 9 Nonadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.01	2.92 ng	266218	Perylene-d12	24.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	95
2	Docosane	310	C22H46	000629-97-0	91
3	Octadecane	254	C18H38	000593-45-3	91
4	Hentriacontane	437	C31H64	000630-04-6	90
5	Octacosane	394	C28H58	000630-02-4	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071619\
Data File : BG041666.D
Acq On : 16 Jul 2019 13:47
Operator : HP/JU
Sample : K3820-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : RBR-200050

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

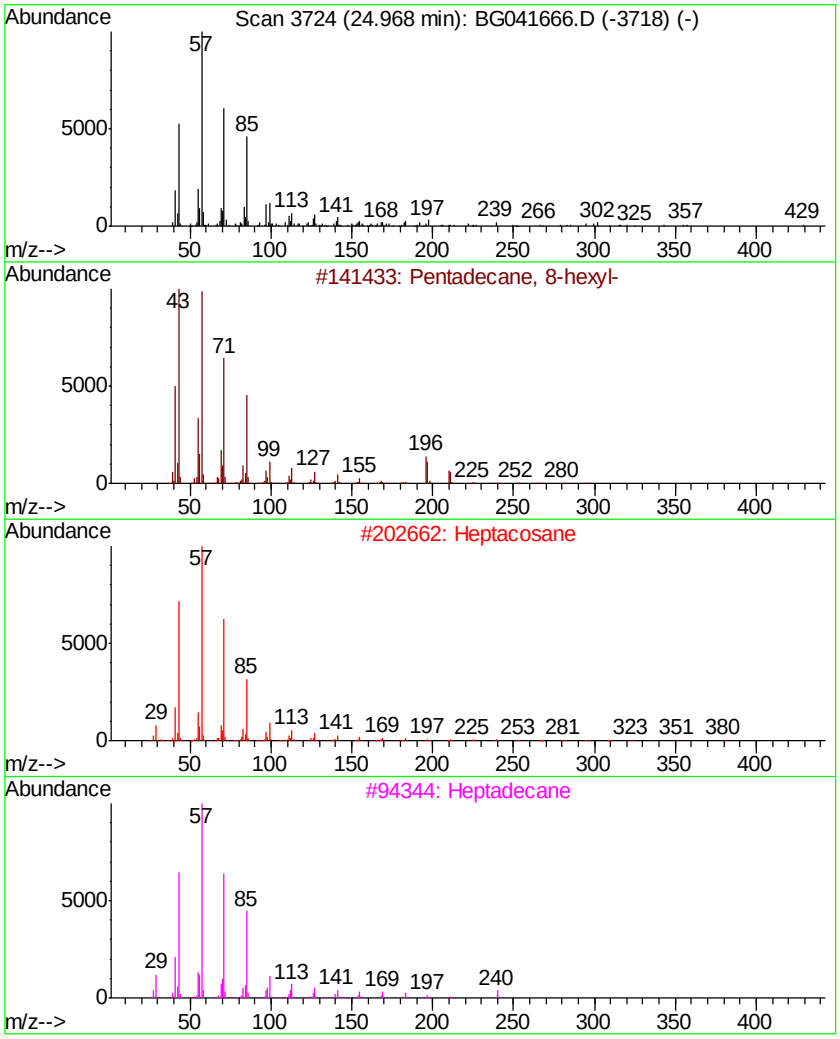
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

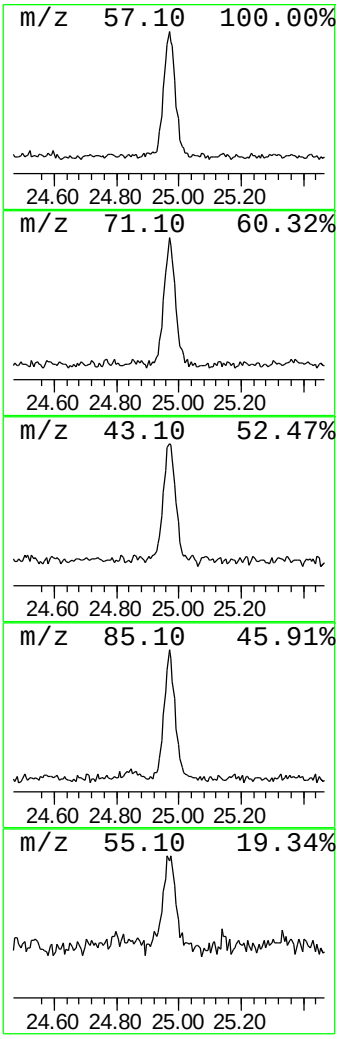
****

Peak Number 10 Pentadecane, 8-hexyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.97	2.65 ng	241720	Perylene-d12	24.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	86
2	Heptacosane	380	C27H56	000593-49-7	83
3	Heptadecane	240	C17H36	000629-78-7	80
4	Nonadecane	268	C19H40	000629-92-5	80
5	Eicosane	282	C20H42	000112-95-8	80





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071619\
Data File : BG041666.D
Acq On : 16 Jul 2019 13:47
Operator : HP/JU
Sample : K3820-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : RBR-200050

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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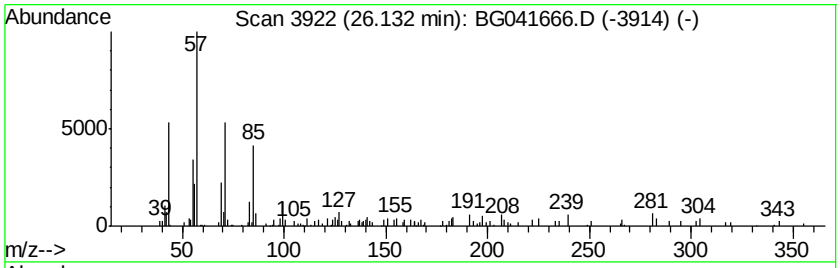
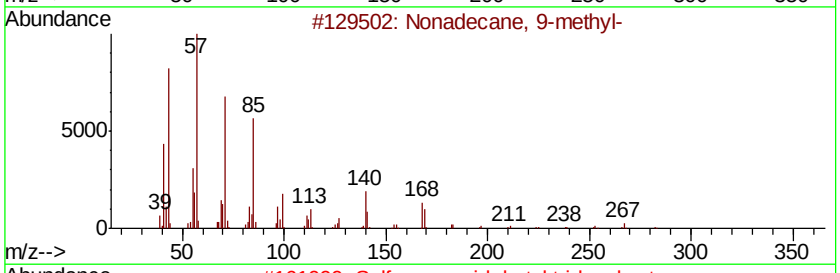
****

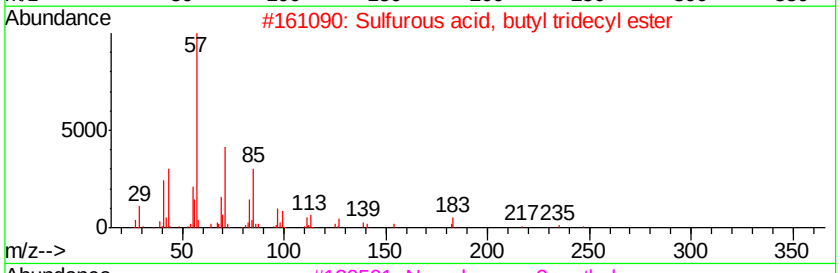
Peak Number 11 Nonadecane, 9-methyl- Concentration Rank 11

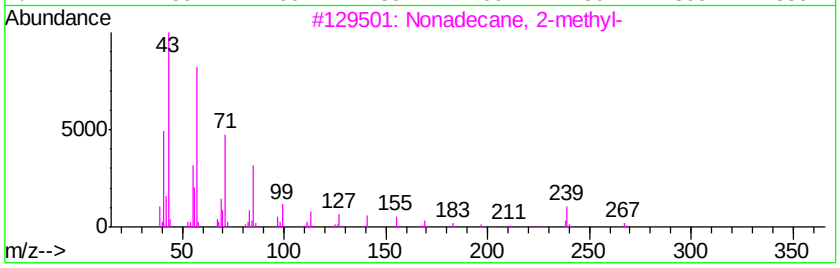
R.T.	EstConc	Area	Relative to ISTD	R.T.
26.13	2.33 ng	212707	Perylene-d12	24.85

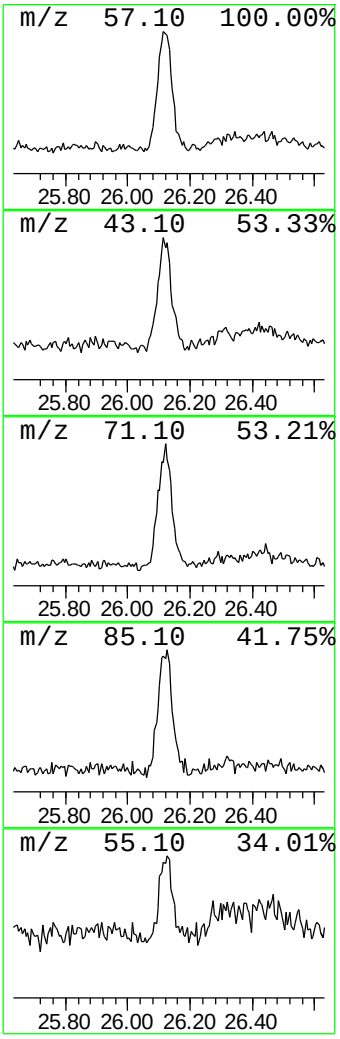
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	81
2	Sulfurous acid, butyl tridecyl e...	320	C17H36O3S	1000309-18-0	74
3	Nonadecane, 2-methyl-	282	C20H42	001560-86-7	72
4	Heptadecane	240	C17H36	000629-78-7	72
5	Sulfurous acid, butyl tetradecyl...	334	C18H38O3S	1000309-18-1	72











Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG071619\
Data File : BG041666.D
Acq On : 16 Jul 2019 13:47
Operator : HP/JU
Sample : K3820-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : RBR-200050

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071519.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-	3.12	12.1	ng	354693	1	8.05	586927	20.0
Butane, 2-methoxy...	3.19	31.1	ng	912346	1	8.05	586927	20.0
unknown7.58	7.58	104.7	ng	3071540	1	8.05	586927	20.0
Caryophyllene	14.01	2.3	ng	141462	3	14.67	1207250	20.0
n-Hexadecanoic acid	18.30	5.0	ng	387999	4	17.40	1555440	20.0
Nonadecyl heptafl...	21.33	7.3	ng	647957	5	21.65	1767520	20.0
Eicosane	23.19	2.5	ng	216834	5	21.65	1767520	20.0
Nonadecane	24.01	2.9	ng	266218	6	24.85	1822440	20.0
Pentadecane, 8-he...	24.97	2.6	ng	241720	6	24.85	1822440	20.0
Nonadecane, 9-met...	26.13	2.3	ng	212707	6	24.85	1822440	20.0