LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG053019\
Data File : BG040958.D
Acq On : 30 May 2019 20:11
Operator : HP/JU
Sample : K3080-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MASONRY-COMPOSITE

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-BG052919.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	3.126	3	6	15	rVB	126250	218445	2.10%	0.614%
2	3.208	15	20	35	rVB	361620	549300	5.28%	1.545%
3	3.960	142	148	154	rBV	153286	223790	2.15%	0.629%
4	4.589	247	255	270	rVB	6406768	10402118	100.00%	29.251%
5	5.206	349	360	369	rBV	2639138	4385467	42.16%	12.332%
6	7.262	703	710	721	rBV	171662	293597	2.82%	0.826%
7	8.120	849	856	871	rVB	258119	452412	4.35%	1.272%
8	8.443	903	911	920	rBV	823152	1424373	13.69%	4.005%
9	8.778	960	968	976	rBV	144838	255194	2.45%	0.718%
10	9.301	1049	1057	1066	rVV	687101	1225230	11.78%	3.445%
11	10.946	1329	1337	1346	rBV	328246	580370	5.58%	1.632%
12	13.373	1743	1750	1760	rBV	1808744	2957800	28.43%	8.317%
13	14.195	1881	1890	1897	rBV	250660	360846	3.47%	1.015%
14	14.754	1977	1985	1995	rBV2	548959	886532	8.52%	2.493%
15	16.410	2263	2267	2279	rBV2	61346	147923	1.42%	0.416%
16	17.497	2445	2452	2458	rBV2	789935	1195644	11.49%	3.362%
17	20.089	2887	2893	2899	rBV	3585641	4884615	46.96%	13.736%
18	21.369	3106	3111	3122	rBV2	293361	470374	4.52%	1.323%
19	21.775	3172	3180	3188	rBV2	822673	1369881	13.17%	3.852%
20	21.928	3201	3206	3211	rVB	100408	139208	1.34%	0.391%
21	22.057	3222	3228	3232	rVB2	73773	120766	1.16%	0.340%
22	22.544	3306	3311	3317	rBV	133522	215786	2.07%	0.607%
23	23.255	3426	3432	3441	rVB	174191	333341	3.20%	0.937%
24	24.090	3567	3574	3583	rVB	162767	368429	3.54%	1.036%
25	25.112	3733	3748	3764	rVB3	446050	1627532	15.65%	4.577%
26	26.246	3930	3941	3950	rBV3	97373	306314	2.94%	0.861%
27	27.644	4172	4179	4193	rVB4	45729	166454	1.60%	0.468%

Sum of corrected areas: 35561741

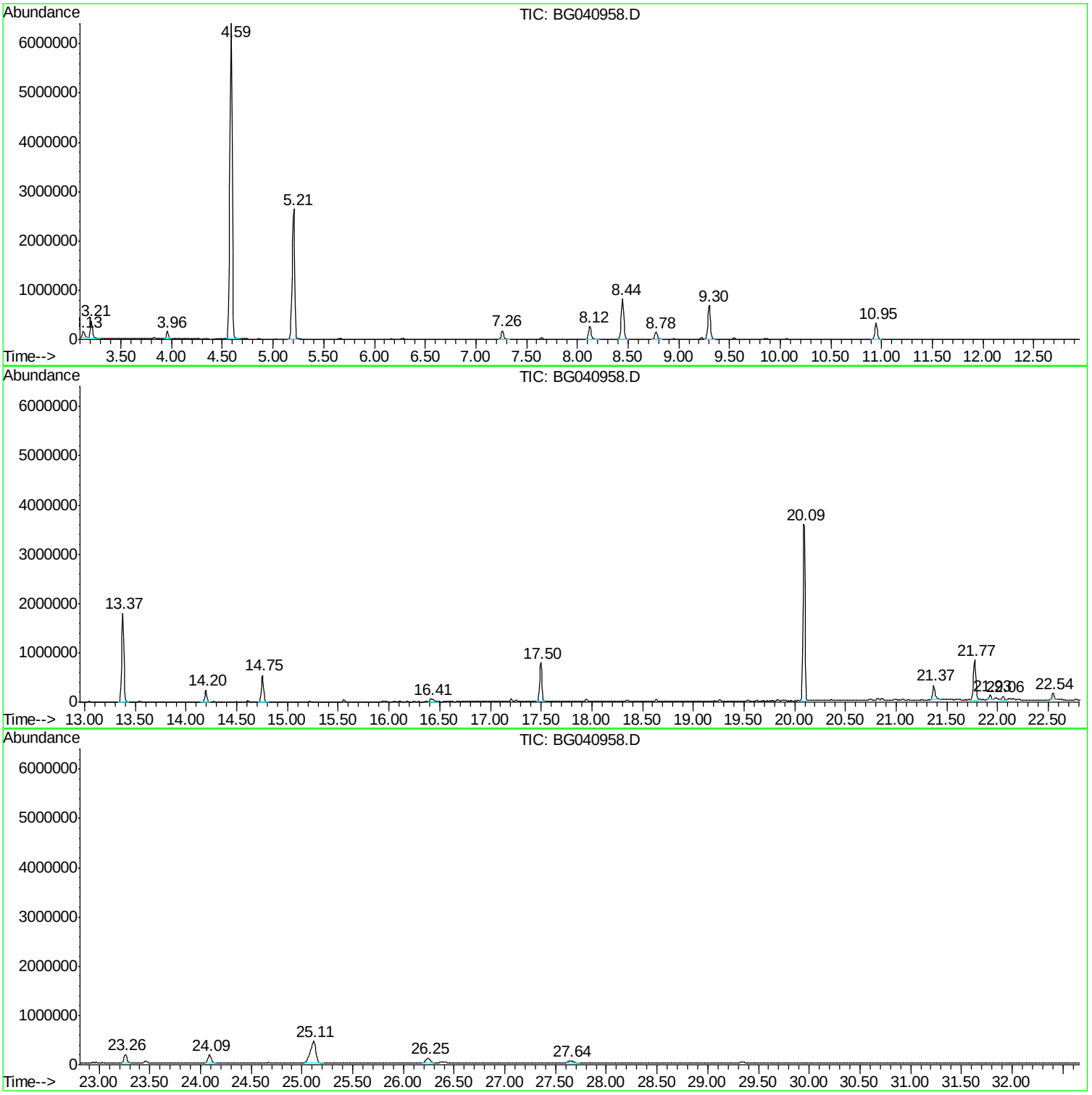
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG053019\
Data File : BG040958.D
Acq On : 30 May 2019 20:11
Operator : HP/JU
Sample : K3080-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MASONRY-COMPOSITE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG052919.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\BG053019\
Data File : BG040958.D
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Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MASONRY-COMPOSITE

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

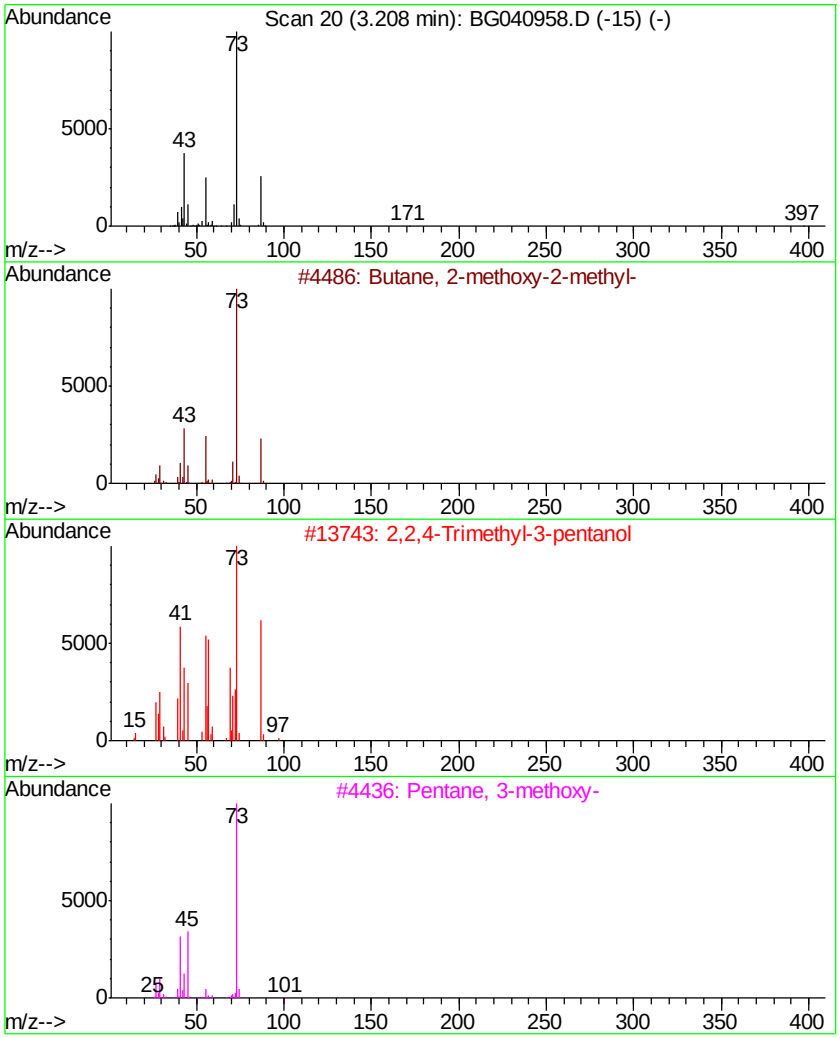
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

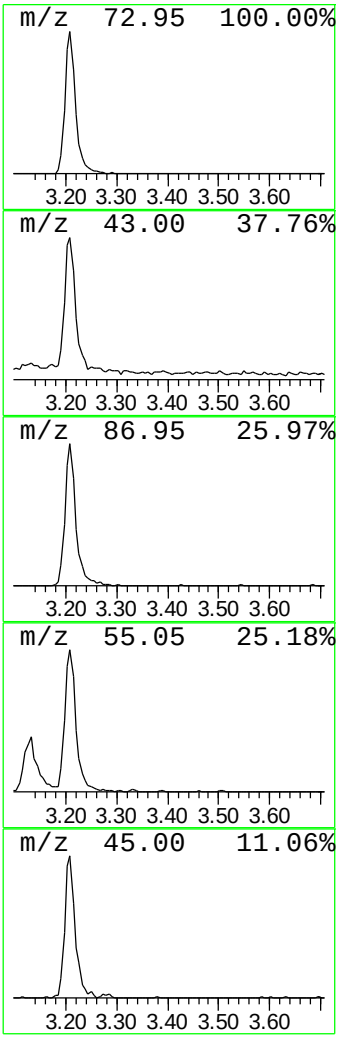
****

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.21	24.28 ng	549300	1,4-Dichlorobenzene-d4	8.13

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	64
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
4	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	10
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





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Operator : HP/JU
Sample : K3080-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MASONRY-COMPOSITE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

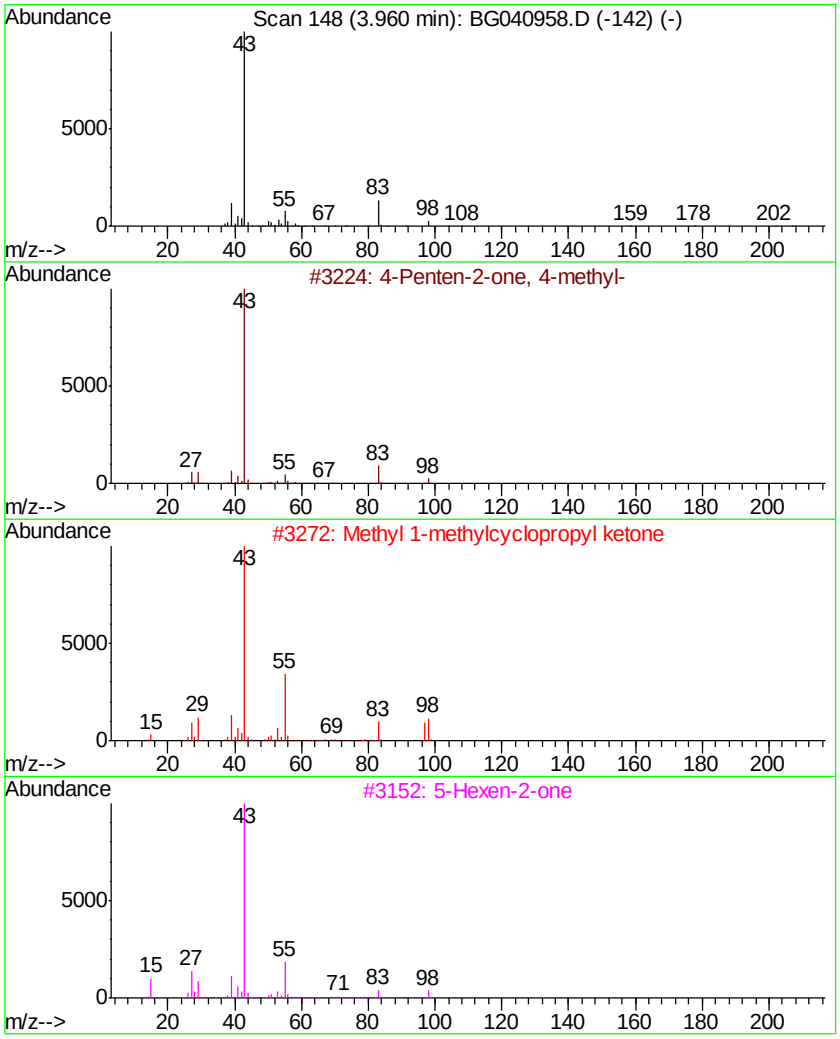
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

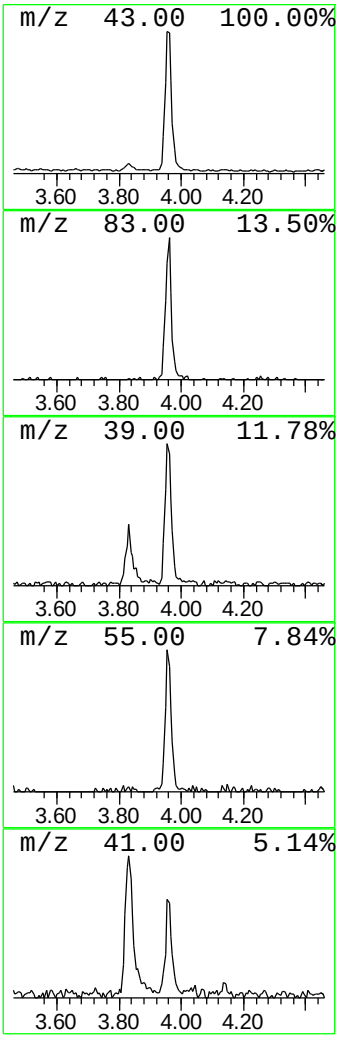
****

Peak Number 3 4-Penten-2-one, 4-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.96	9.89 ng	223790	1,4-Dichlorobenzene-d4	8.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Penten-2-one, 4-methyl-	98	C6H10O	003744-02-3	72
2	Methyl 1-methylcyclopropyl ketone	98	C6H10O	001567-75-5	47
3	5-Hexen-2-one	98	C6H10O	000109-49-9	46
4	4-Penten-2-one, 3-methyl-	98	C6H10O	000758-87-2	27
5	2-Pentanone, 3-methylene-	98	C6H10O	004359-77-7	12





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG053019\
Data File : BG040958.D
Acq On : 30 May 2019 20:11
Operator : HP/JU
Sample : K3080-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MASONRY-COMPOSITE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

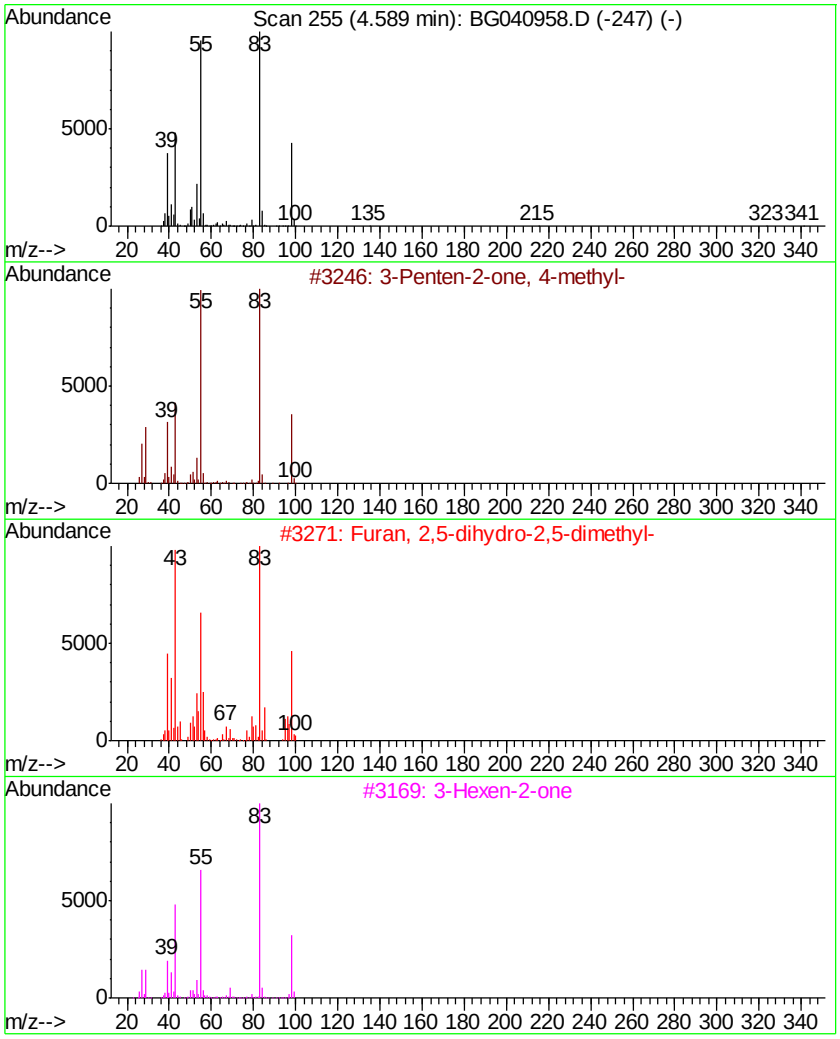
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

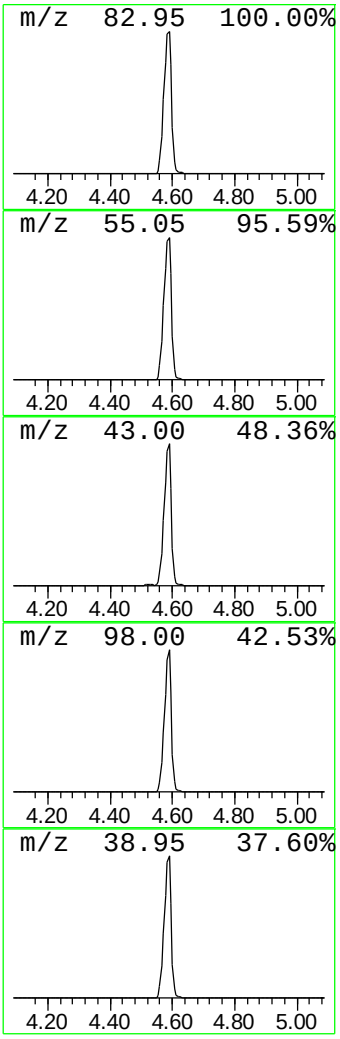
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.59	459.85 ng	10402100	1,4-Dichlorobenzene-d4	8.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	90
2	Furan, 2,5-dihydro-2,5-dimethyl-	98	C6H10O	059242-27-2	86
3	3-Hexen-2-one	98	C6H10O	000763-93-9	80
4	2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	78
5	2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	78





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG053019\
Data File : BG040958.D
Acq On : 30 May 2019 20:11
Operator : HP/JU
Sample : K3080-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MASONRY-COMPOSITE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

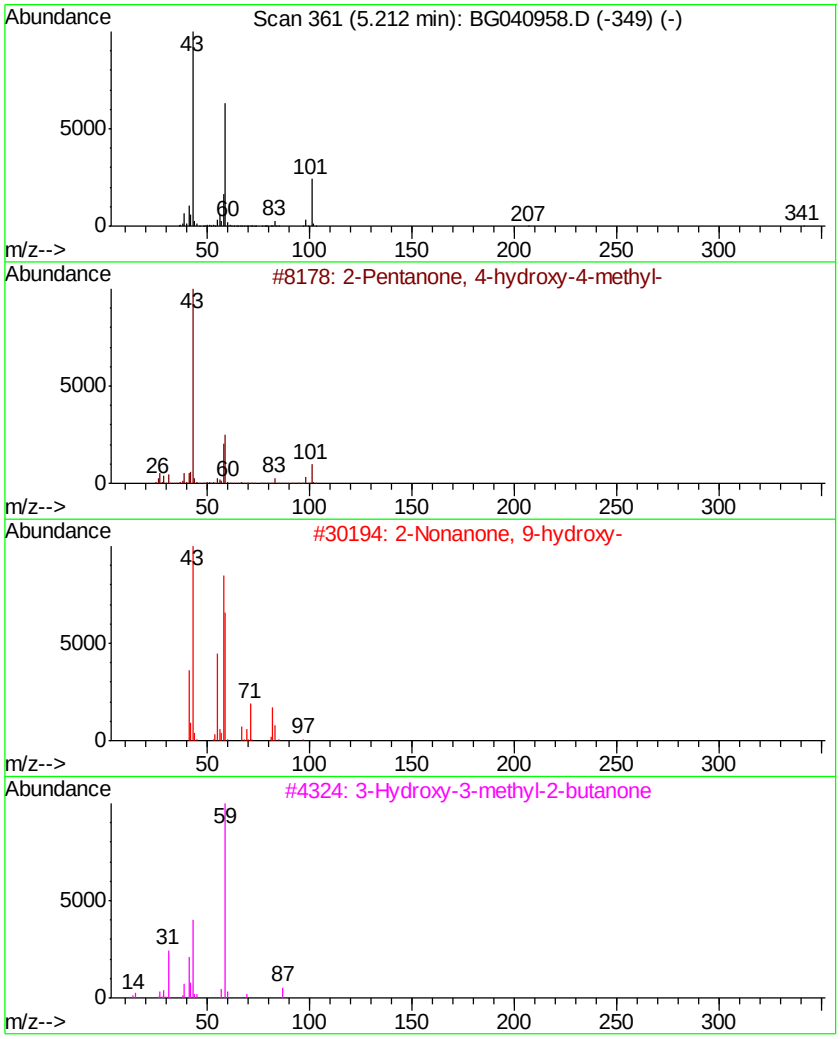
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

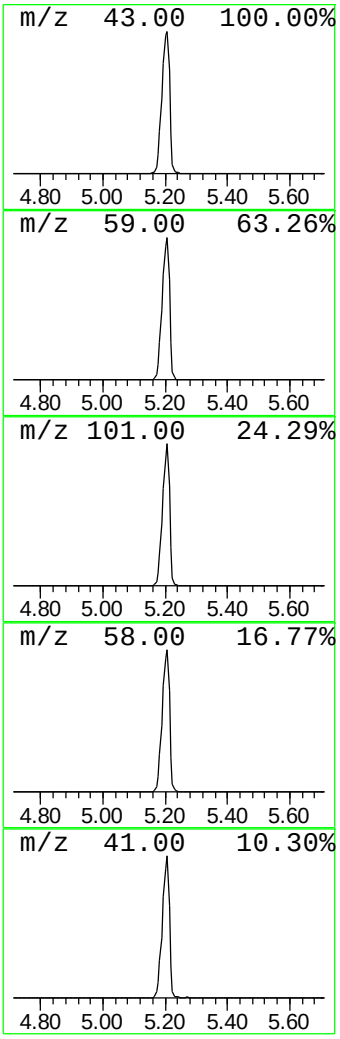
****

Peak Number 5 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.21	193.87 ng	4385470	1,4-Dichlorobenzene-d4	8.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2	2-Nonanone, 9-hydroxy-	158	C9H18O2	025368-56-3	28
3	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	25
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25





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Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MASONRY-COMPOSITE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

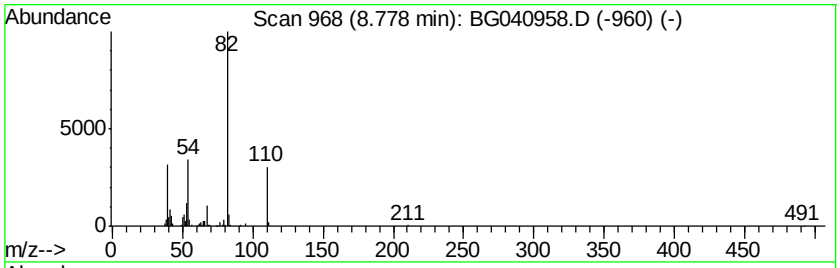
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

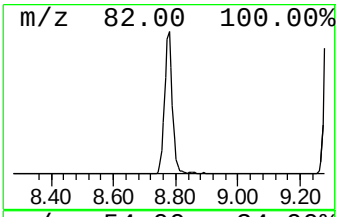
****

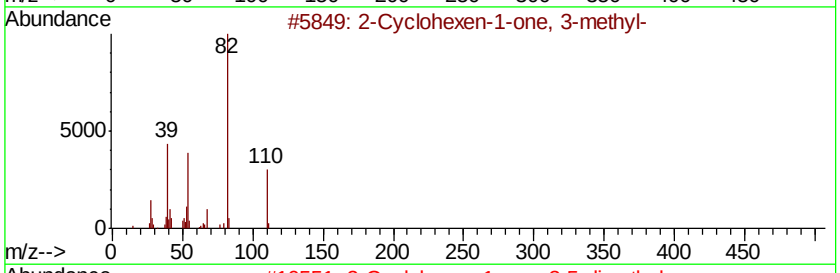
Peak Number 7 2-Cyclohexen-1-one, 3-methyl- Concentration Rank 5

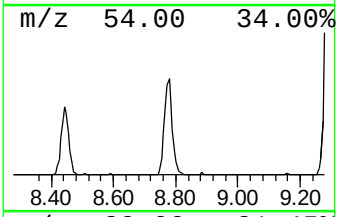
R.T.	EstConc	Area	Relative to ISTD	R.T.
8.78	11.28 ng	255194	1,4-Dichlorobenzene-d4	8.13

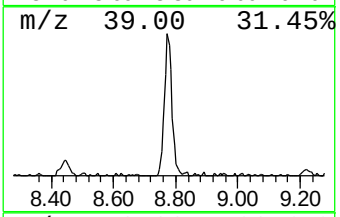
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Cyclohexen-1-one, 3-methyl-	110	C7H10O	001193-18-6	90
2	2-Cyclohexen-1-one, 3,5-dimethyl-	124	C8H12O	001123-09-7	64
3	1H-Pyrazole, 1-methyl-	82	C4H6N2	000930-36-9	53
4	2-Cyclopenten-1-one	82	C5H6O	000930-30-3	47
5	1H-Pyrazole, 3-methyl-	82	C4H6N2	001453-58-3	45

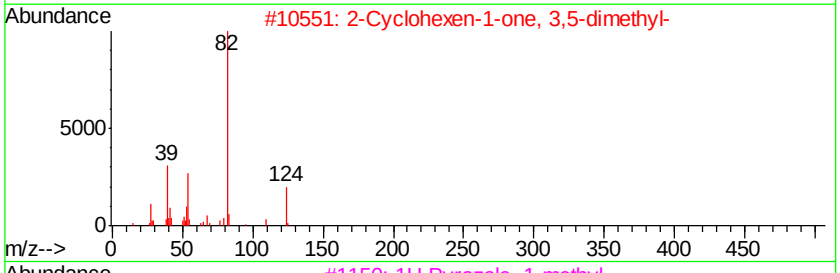


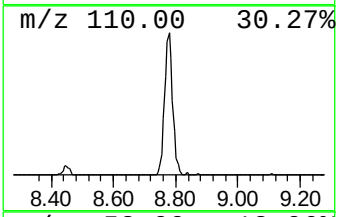


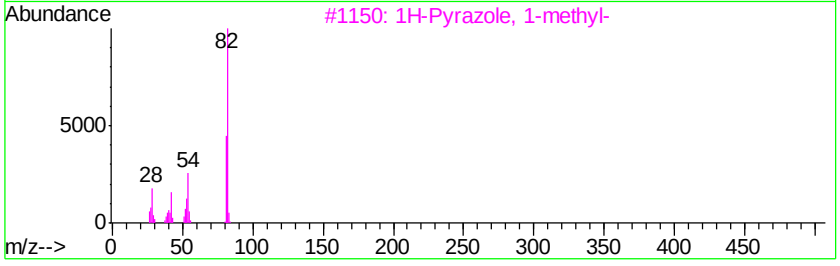


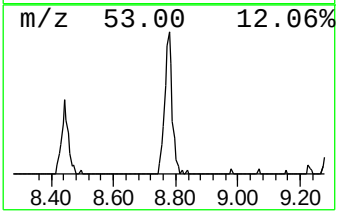












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Instrument : BNA_G
ClientSampleId : MASONRY-COMPOSITE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

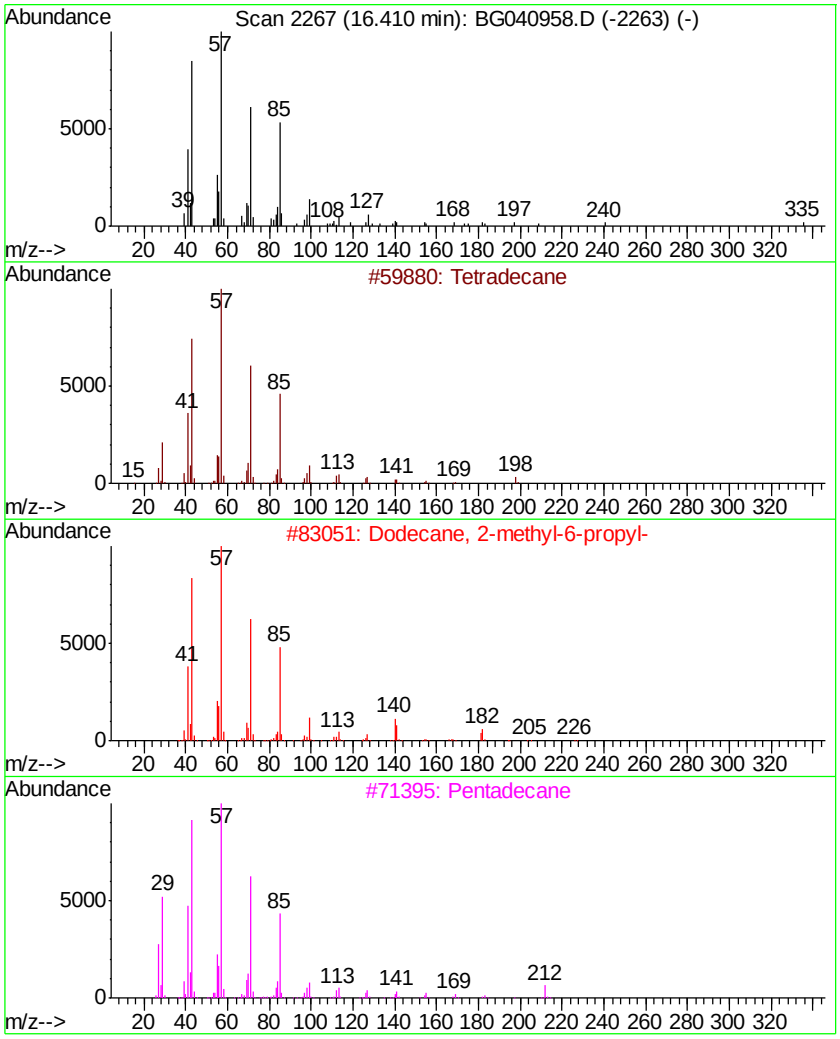
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

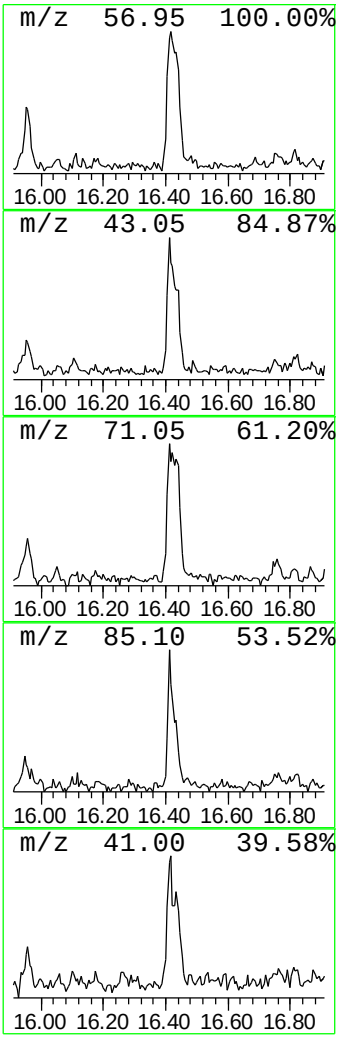
****

Peak Number 8 Tetradecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.41	2.47 ng	147923	Phenanthrene-d10	17.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	91
2	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	90
3	Pentadecane	212	C15H32	000629-62-9	90
4	Tetracosane	338	C24H50	000646-31-1	86
5	Heneicosane	296	C21H44	000629-94-7	86





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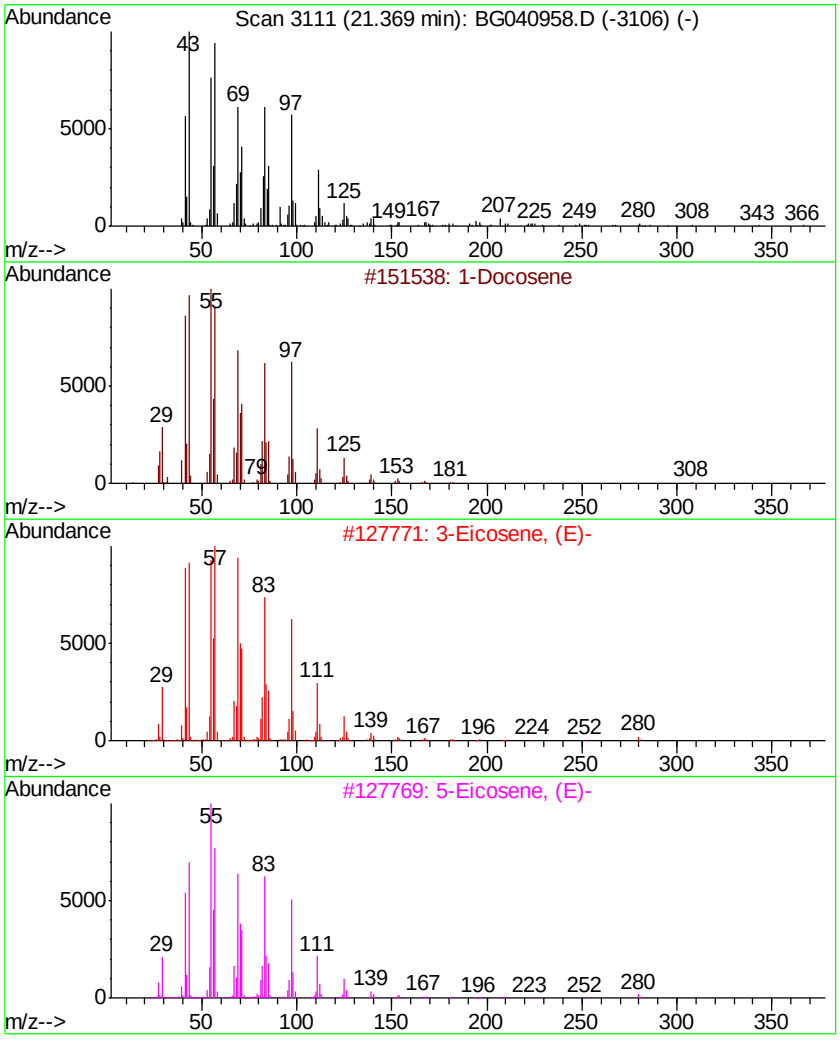
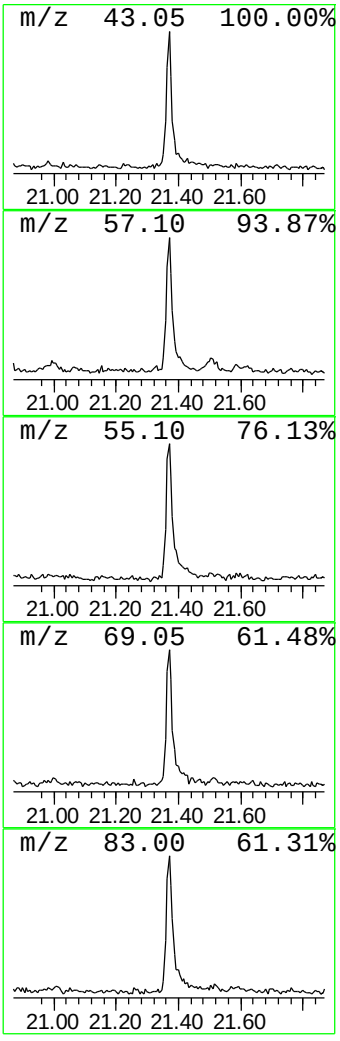
****

Peak Number 9 1-Docosene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.37	6.87 ng	470374	Chrysene-d12	21.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	99
2	3-Eicosene, (E)-	280	C20H40	074685-33-9	97
3	5-Eicosene, (E)-	280	C20H40	074685-30-6	96
4	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94
5	Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	93





Library Search Compound Report

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Data File : BG040958.D
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Operator : HP/JU
Sample : K3080-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MASONRY-COMPOSITE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

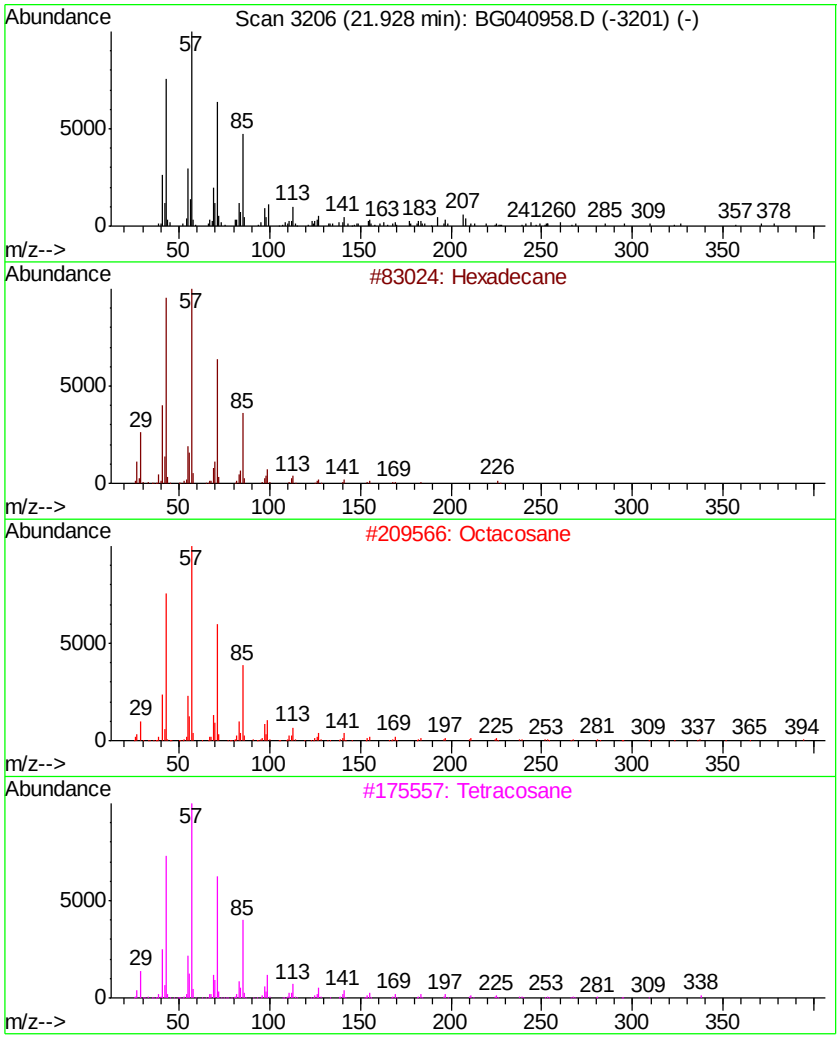
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

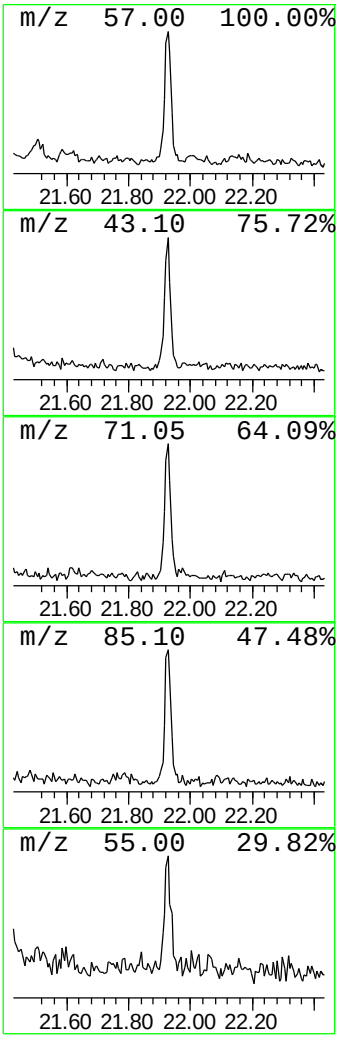
****

Peak Number 10 Hexadecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.93	2.03 ng	139208	Chrysene-d12	21.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	90
2	Octacosane	394	C28H58	000630-02-4	90
3	Tetracosane	338	C24H50	000646-31-1	90
4	Eicosane	282	C20H42	000112-95-8	90
5	Heneicosane, 11-decyl-	437	C31H64	055320-06-4	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG053019\
Data File : BG040958.D
Acq On : 30 May 2019 20:11
Operator : HP/JU
Sample : K3080-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MASONRY-COMPOSITE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG052919.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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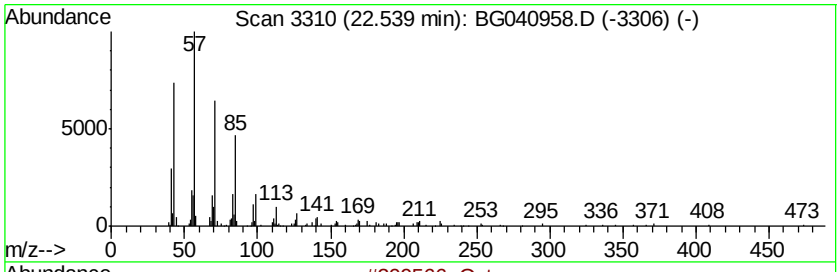
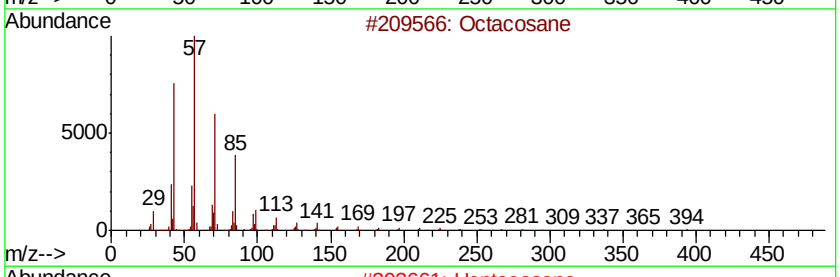
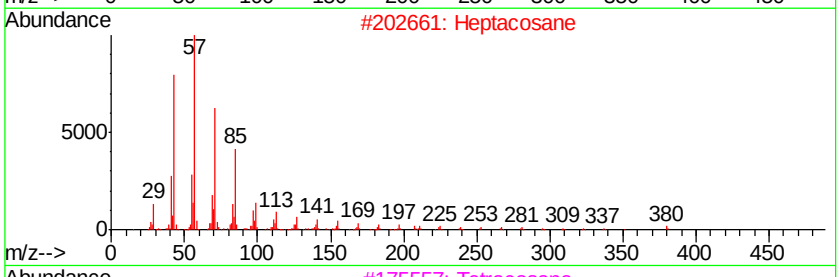
Peak Number 11 Octacosane Concentration Rank 12

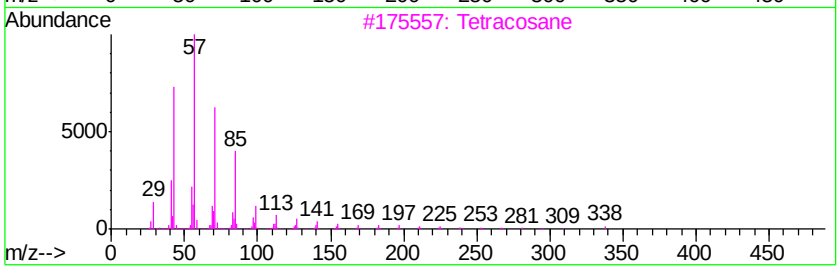
R.T.	EstConc	Area	Relative to ISTD	R.T.
22.54	3.15 ng	215786	Chrysene-d12	21.77

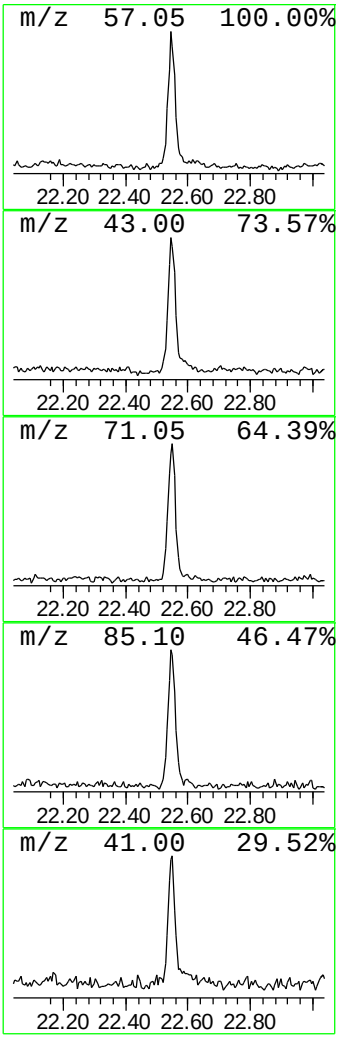
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	90
2	Heptacosane	380	C27H56	000593-49-7	87
3	Tetracosane	338	C24H50	000646-31-1	87
4	Hexatriacontane	507	C36H74	000630-06-8	87
5	Hentriacontane	437	C31H64	000630-04-6	87











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Misc :
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Instrument : BNA_G
ClientSampleId : MASONRY-COMPOSITE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG052919.M
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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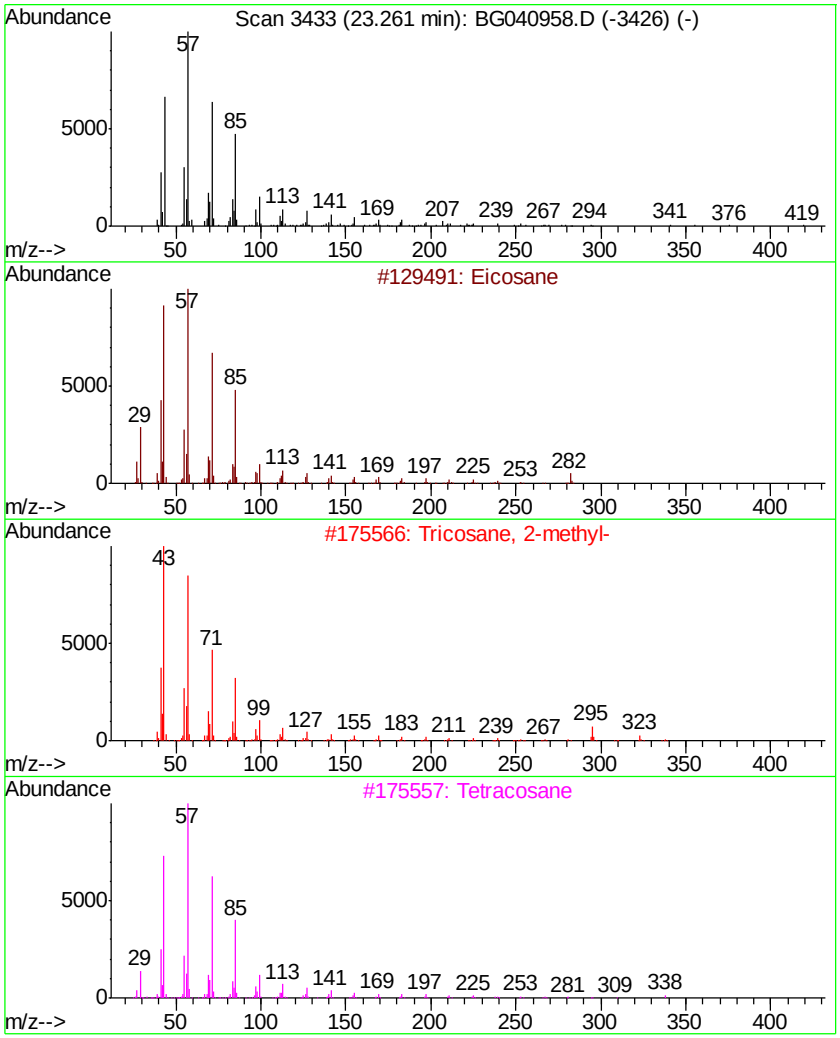
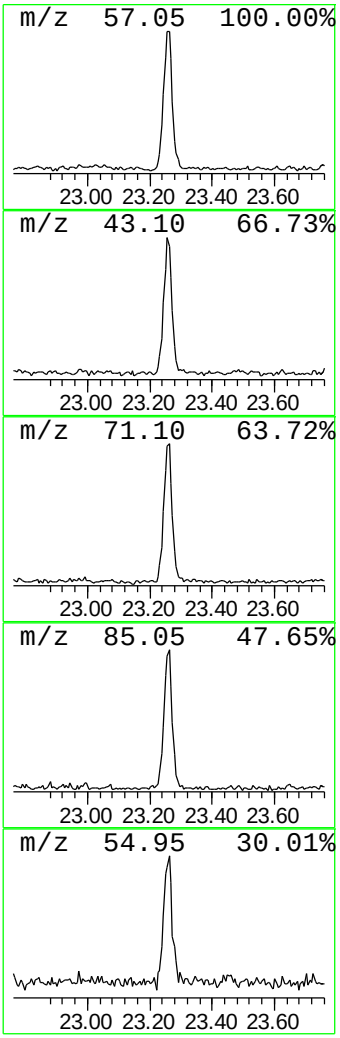
Peak Number 12 Eicosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.26	4.87 ng	333341	Chrysene-d12	21.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	95
2	Tricosane, 2-methyl-	338	C24H50	001928-30-9	94
3	Tetracosane	338	C24H50	000646-31-1	91
4	Heneicosane	296	C21H44	000629-94-7	91
5	Hexacosane	366	C26H54	000630-01-3	91





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Operator : HP/JU
Sample : K3080-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MASONRY-COMPOSITE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG052919.M
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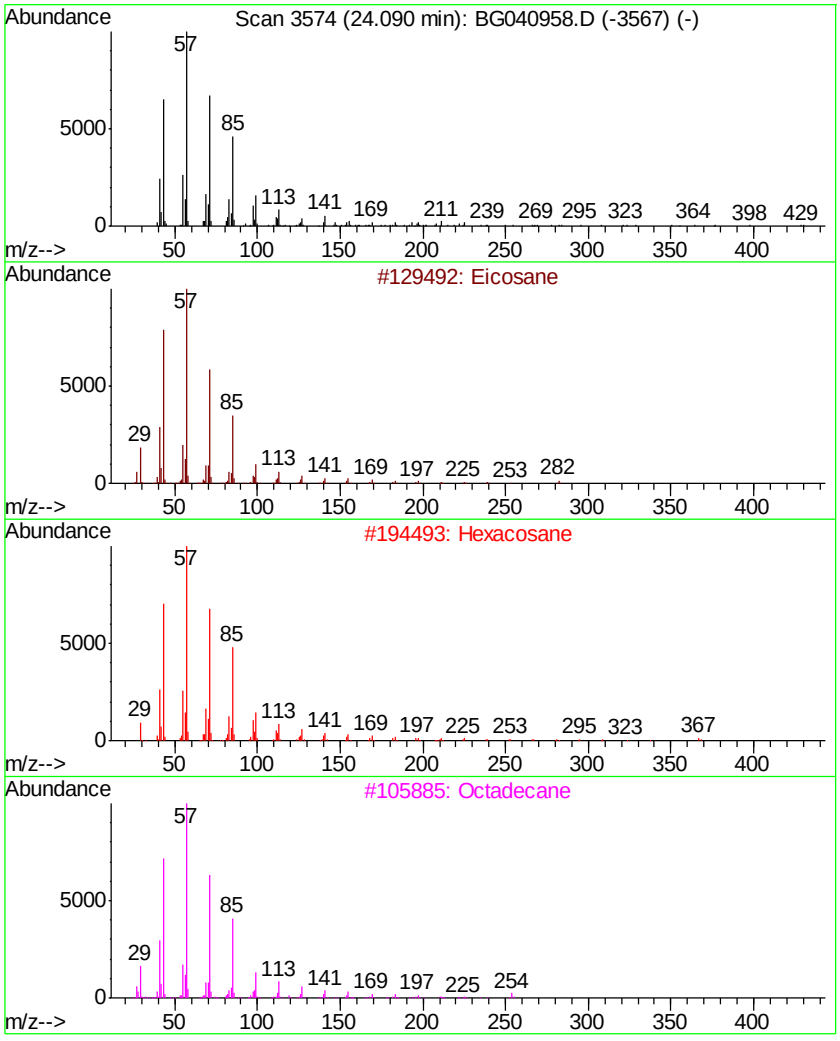
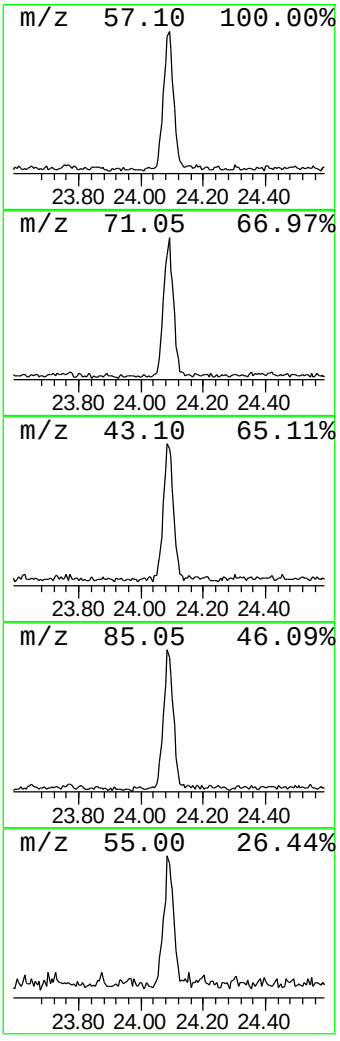
Peak Number 13 Heneicosane, 11-(1-ethylpro... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.09	4.53 ng	368429	Perylene-d12	25.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	94
2	Hexacosane	366	C26H54	000630-01-3	90
3	Octadecane	254	C18H38	000593-45-3	90
4	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	87
5	Heptadecane	240	C17H36	000629-78-7	87





Library Search Compound Report

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Data File : BG040958.D
Acq On : 30 May 2019 20:11
Operator : HP/JU
Sample : K3080-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MASONRY-COMPOSITE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG052919.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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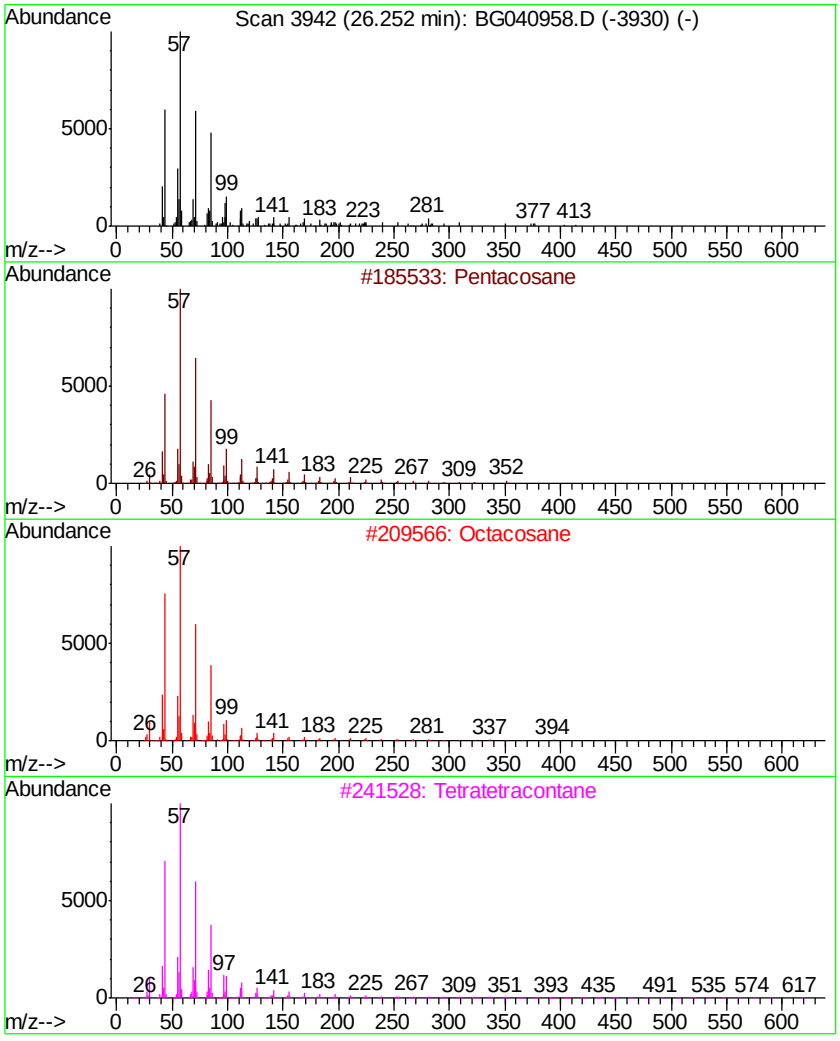
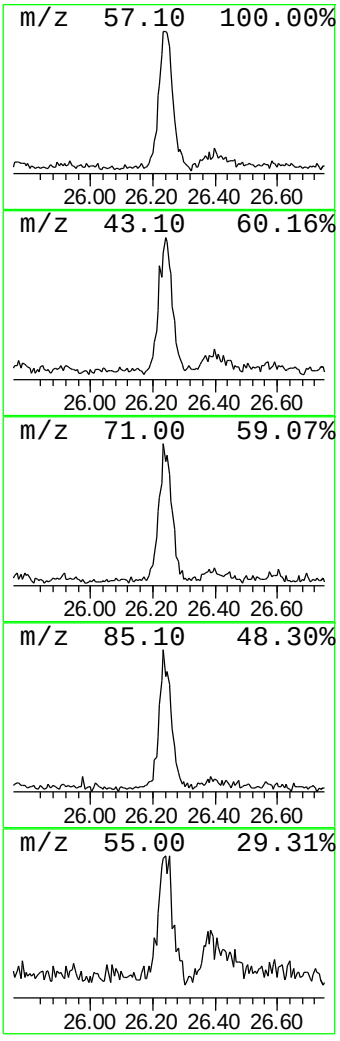
Peak Number 14 Pentacosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.25	3.76 ng	306314	Perylene-d12	25.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentacosane	352	C25H52	000629-99-2	96
2	Octacosane	394	C28H58	000630-02-4	95
3	Tetratetracontane	619	C44H90	007098-22-8	90
4	Triacontane	422	C30H62	000638-68-6	90
5	2-methyloctacosane	408	C29H60	1000376-72-8	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG053019\
Data File : BG040958.D
Acq On : 30 May 2019 20:11
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Instrument : BNA_G
ClientSampleId : MASONRY-COMPOSITE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG052919.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
Butane, 2-methoxy...	3.21	24.3	ng	549300	1	8.13	452412	20.0
4-Penten-2-one, 4...	3.96	9.9	ng	223790	1	8.13	452412	20.0
3-Penten-2-one, 4...	4.59	459.9	ng	10402100	1	8.13	452412	20.0
2-Pentanone, 4-hy...	5.21	193.9	ng	4385470	1	8.13	452412	20.0
2-Cyclohexen-1-on...	8.78	11.3	ng	255194	1	8.13	452412	20.0
Tetradecane	16.41	2.5	ng	147923	4	17.50	1195640	20.0
1-Docosene	21.37	6.9	ng	470374	5	21.77	1369880	20.0
Hexadecane	21.93	2.0	ng	139208	5	21.77	1369880	20.0
Octacosane	22.54	3.1	ng	215786	5	21.77	1369880	20.0
Eicosane	23.26	4.9	ng	333341	5	21.77	1369880	20.0
Heneicosane, 11-(...	24.09	4.5	ng	368429	6	25.11	1627530	20.0
Pentacosane	26.25	3.8	ng	306314	6	25.11	1627530	20.0