LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG060119\
Data File : BG041021.D
Acq On : 1 Jun 2019 20:37
Operator : HP/JU
Sample : K3097-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 0421-HR-1(HACKENSACK)

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	3.124	3	6	16	rVV	124814	223872	5.10%	0.846%
2	3.206	16	20	33	rVB	370587	549141	12.51%	2.076%
3	5.656	428	437	447	rBV	1124106	1783851	40.65%	6.743%
4	7.266	703	711	722	rBV	1242595	2152491	49.04%	8.137%
5	7.648	767	776	787	rBV	1145649	1968533	44.85%	7.441%
6	8.118	850	856	868	rVB	220535	381371	8.69%	1.442%
7	8.441	903	911	922	rBV	786324	1375659	31.34%	5.200%
8	9.299	1048	1057	1067	rBV	738603	1325234	30.20%	5.010%
9	10.938	1329	1336	1345	rBV	290652	528783	12.05%	1.999%
10	13.370	1743	1750	1760	rBV	1886316	3014306	68.68%	11.394%
11	14.193	1884	1890	1896	rBV	305815	453417	10.33%	1.714%
12	14.751	1977	1985	1993	rBV2	505976	807991	18.41%	3.054%
13	16.238	2229	2238	2248	rBV	1769763	2753855	62.75%	10.410%
14	17.495	2446	2452	2463	rBV	695387	1035253	23.59%	3.913%
15	18.347	2592	2597	2605	rBV2	122745	197858	4.51%	0.748%
16	19.610	2808	2812	2820	rBV4	59364	95134	2.17%	0.360%
17	20.092	2885	2894	2904	rBV	3140540	4388826	100.00%	16.590%
18	20.856	3020	3024	3027	rBV3	36786	45137	1.03%	0.171%
19	21.367	3105	3111	3121	rBV	232621	370902	8.45%	1.402%
20	21.772	3173	3180	3187	rBV2	673082	1120387	25.53%	4.235%
21	21.919	3201	3205	3212	rBV2	55600	83788	1.91%	0.317%
22	22.542	3306	3311	3320	rBV3	68183	128628	2.93%	0.486%
23	23.253	3426	3432	3439	rVB2	78192	154034	3.51%	0.582%
24	24.081	3566	3573	3583	rVB3	74258	171354	3.90%	0.648%
25	25.110	3733	3748	3759	rVB	365112	1226328	27.94%	4.636%
26	26.232	3932	3939	3947	rVB3	46954	118004	2.69%	0.446%

Sum of corrected areas: 26454137

LSC Report - Integrated Chromatogram

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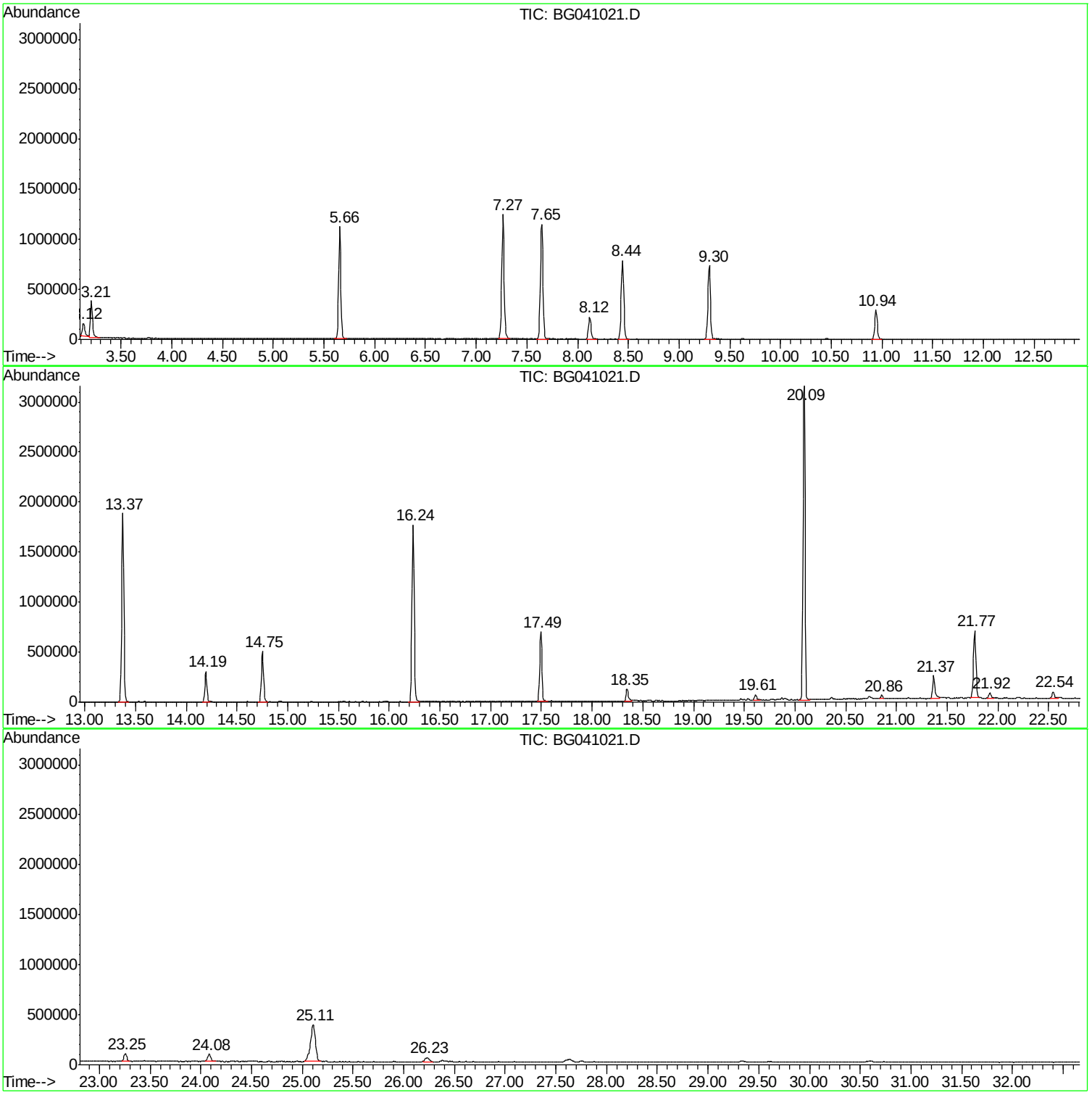
Operator : HP/JU
Sample : K3097-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 0421-HR-1(HACKENSACK)

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG060119\
Data File : BG041021.D
Acq On : 1 Jun 2019 20:37
Operator : HP/JU
Sample : K3097-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
0421-HR-1(HACKENSACK)

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

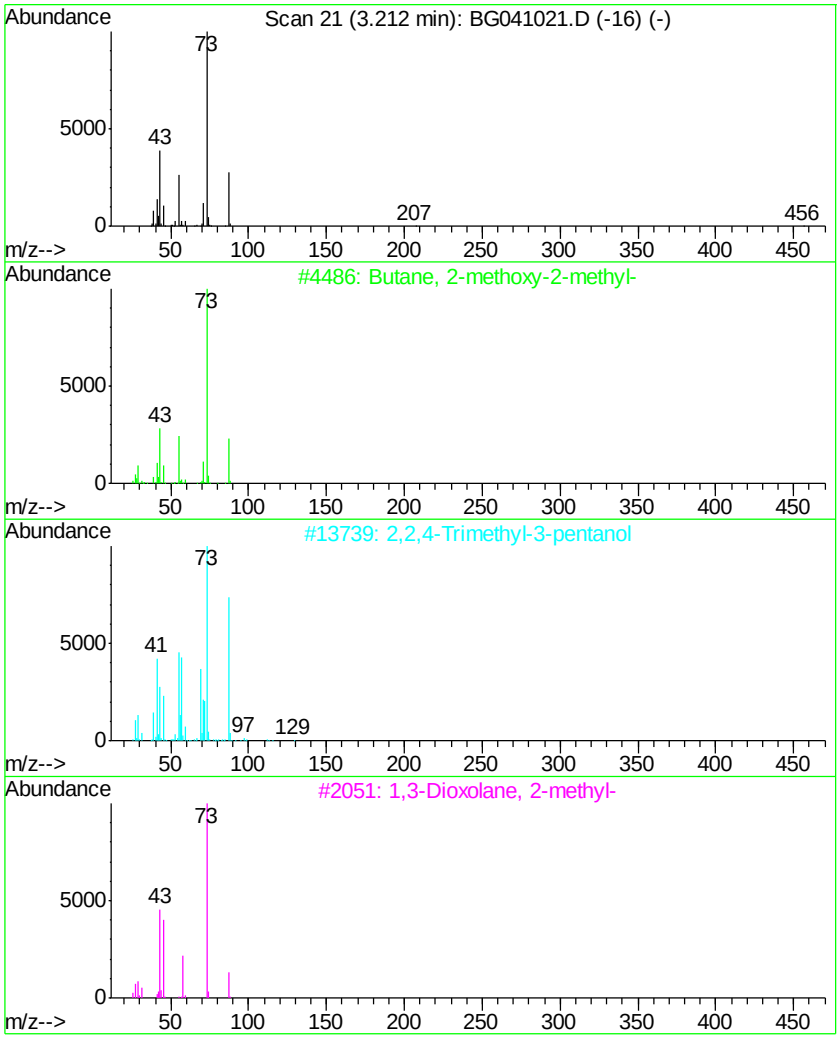
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

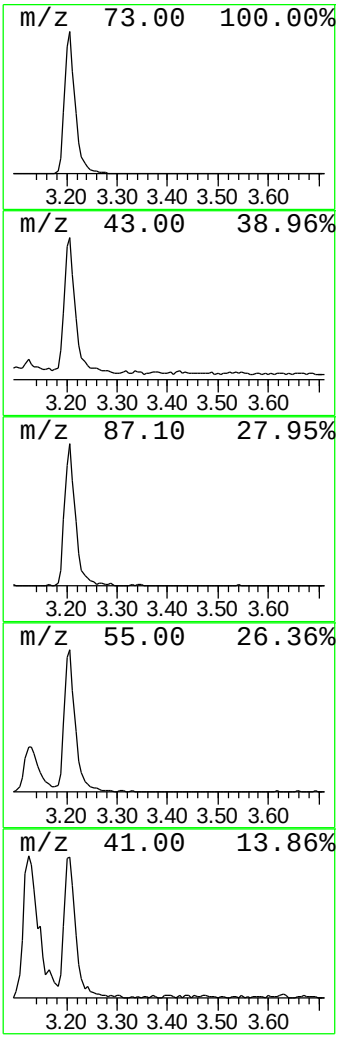
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.21	28.80 ng	549141	1,4-Dichlorobenzene-d4	8.12

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	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	37
4	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	16
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12





Library Search Compound Report

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Data File : BG041021.D
Acq On : 1 Jun 2019 20:37
Operator : HP/JU
Sample : K3097-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 0421-HR-1(HACKENSACK)

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

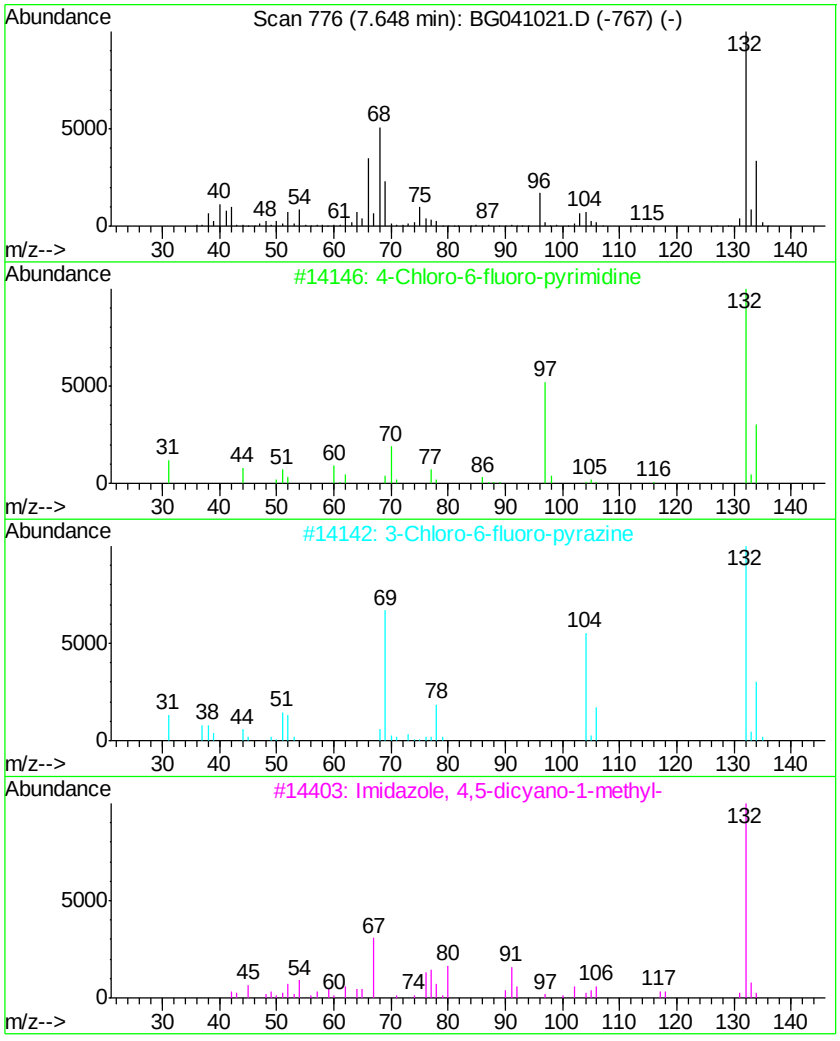
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

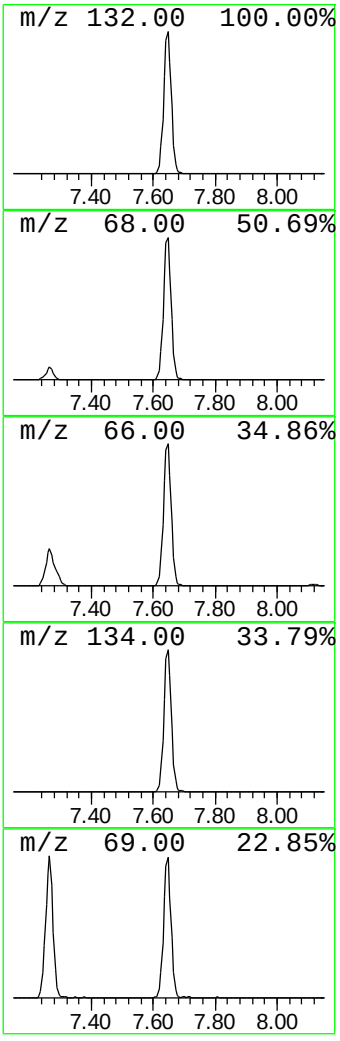
****

Peak Number 3 unknown7.65 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.65	103.24 ng	1968530	1,4-Dichlorobenzene-d4	8.12

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	Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	25
4	5-Aminoindole	132	C8H8N2	005192-03-0	22
5	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	17





Library Search Compound Report

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Operator : HP/JU
Sample : K3097-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 0421-HR-1(HACKENSACK)

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

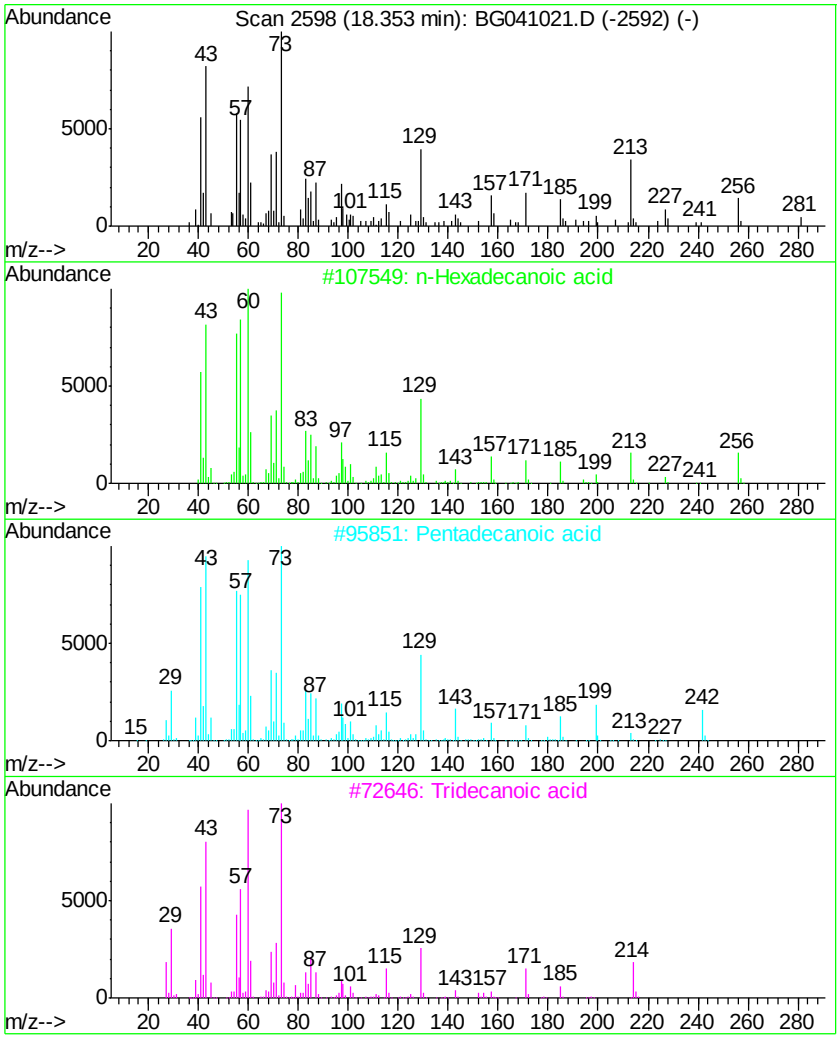
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

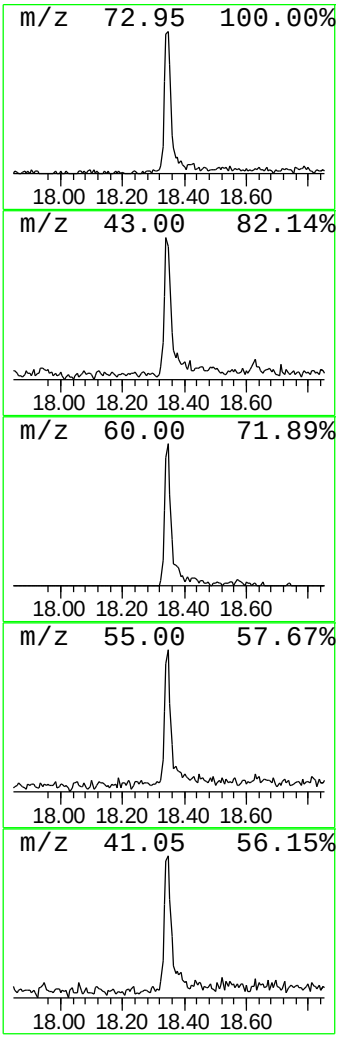
****

Peak Number 5 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.35	3.82 ng	197858	Phenanthrene-d10	17.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
3	Tridecanoic acid	214	C13H26O2	000638-53-9	89
4	n-Decanoic acid	172	C10H20O2	000334-48-5	81
5	Dodecanoic acid	200	C12H24O2	000143-07-7	70





Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG060119\
Data File : BG041021.D
Acq On : 1 Jun 2019 20:37
Operator : HP/JU
Sample : K3097-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 0421-HR-1(HACKENSACK)

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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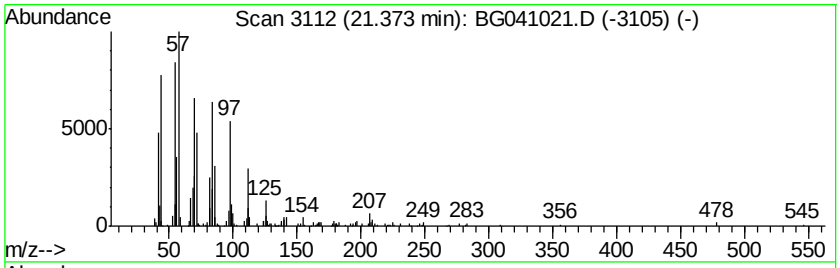
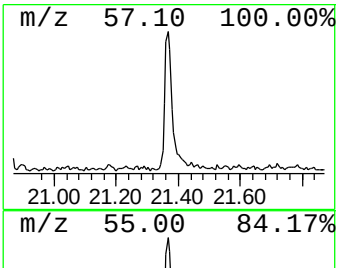
Peak Number 6 Pentafluoropropionic acid, ... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.37	6.62 ng	370902	Chrysene-d12	21.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentafluoropropionic acid, octad...	416	C21H37F5O2	959261-25-7	91
2	Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	91
3	5-Eicosene, (E)-	280	C20H40	074685-30-6	91
4	Isobutyl tetradecyl carbonate	314	C19H38O3	959275-58-2	91
5	1-Tricosene	322	C23H46	018835-32-0	91





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Operator : HP/JU
Sample : K3097-01
Misc :
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Instrument : BNA_G
ClientSampleId : 0421-HR-1(HACKENSACK)

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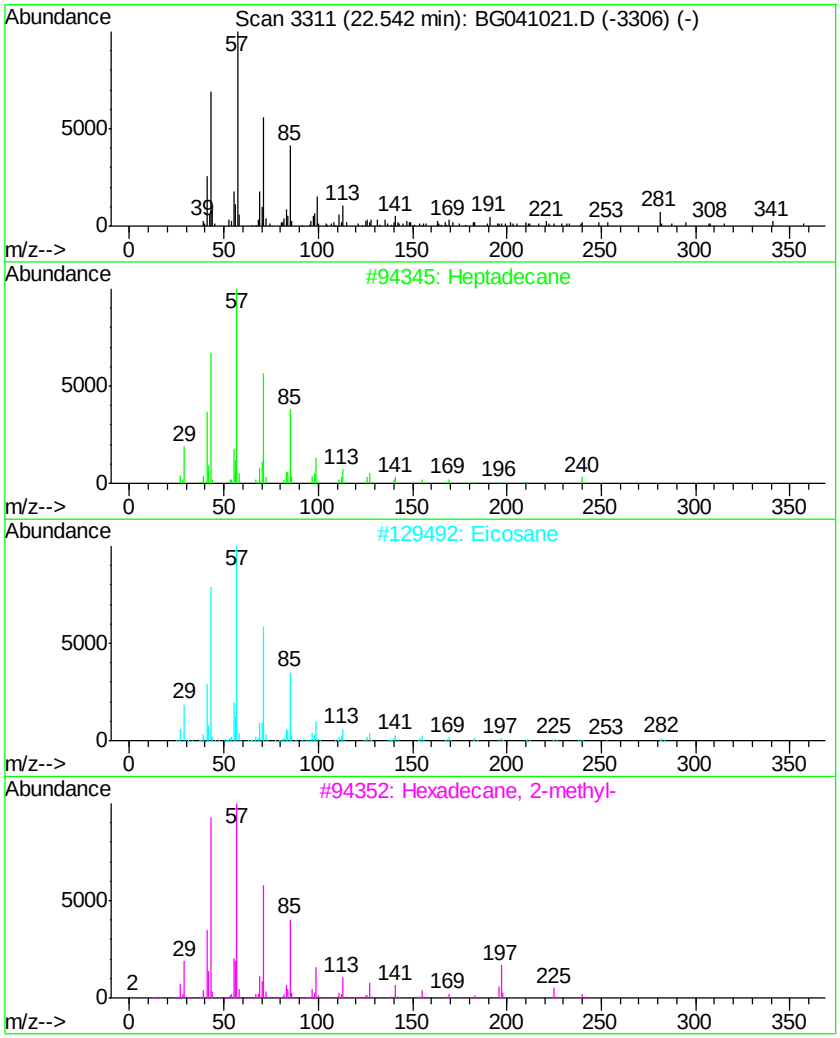
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

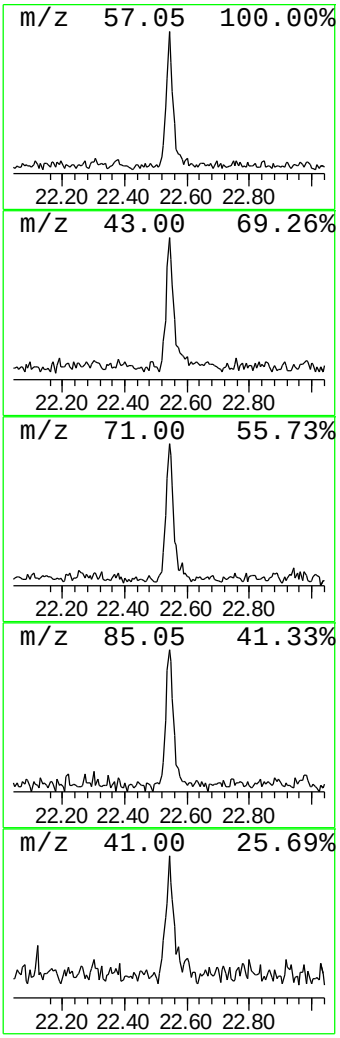
****

Peak Number 7 Heptadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.54	2.30 ng	128628	Chrysene-d12	21.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	91
2	Eicosane	282	C20H42	000112-95-8	89
3	Hexadecane, 2-methyl-	240	C17H36	001560-92-5	87
4	Octadecane	254	C18H38	000593-45-3	83
5	Tetratetracontane	619	C44H90	007098-22-8	83





Library Search Compound Report

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Sample : K3097-01
Misc :
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Instrument : BNA_G
ClientSampleId : 0421-HR-1(HACKENSACK)

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
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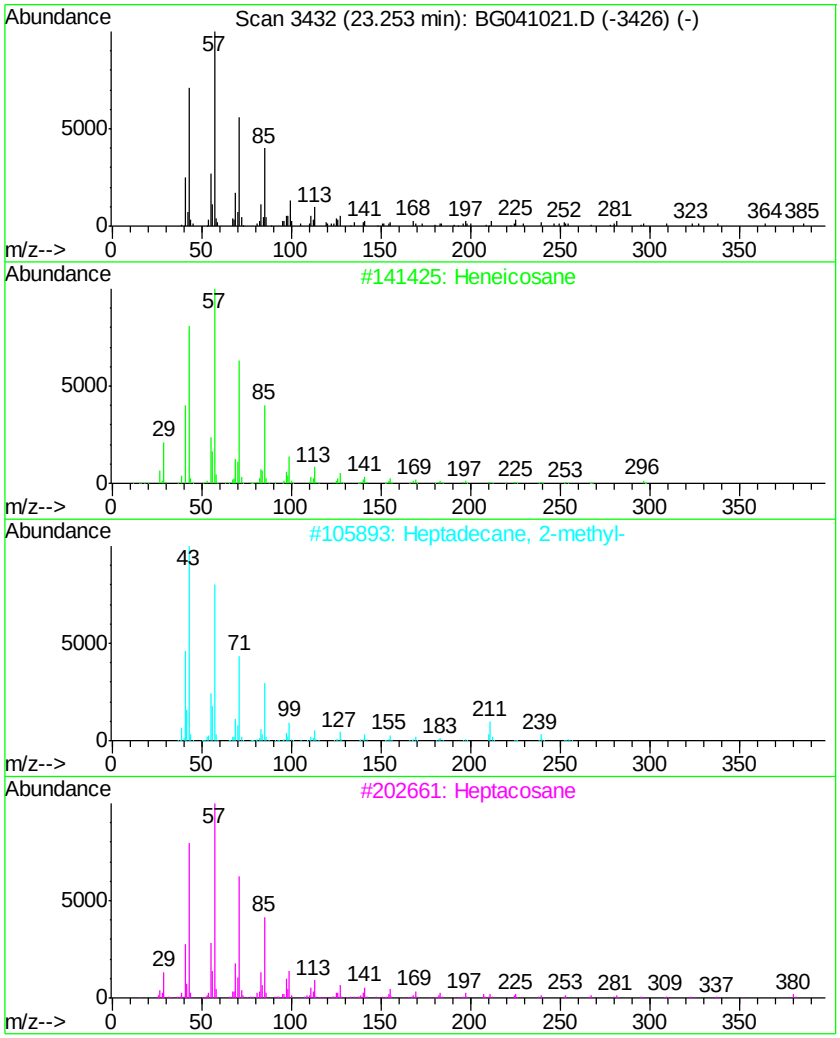
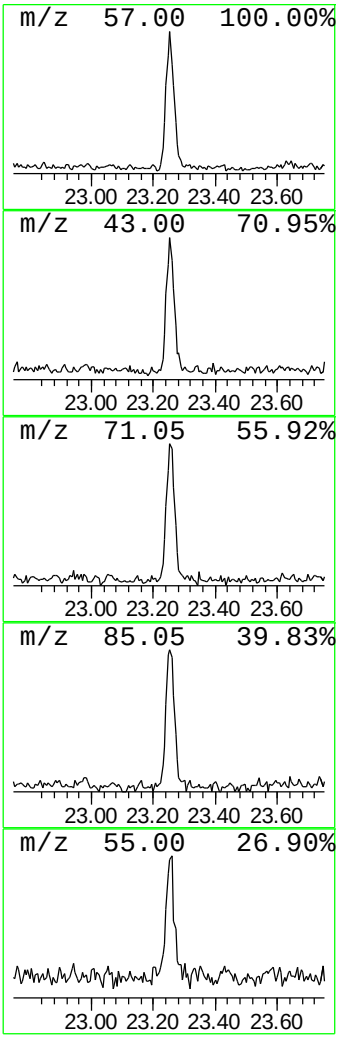
****

Peak Number 8 Heneicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.25	2.75 ng	154034	Chrysene-d12	21.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	96
2	Heptadecane, 2-methyl-	254	C18H38	001560-89-0	90
3	Heptacosane	380	C27H56	000593-49-7	87
4	Eicosane	282	C20H42	000112-95-8	87
5	Nonadecane	268	C19H40	000629-92-5	87





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Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 0421-HR-1(HACKENSACK)

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

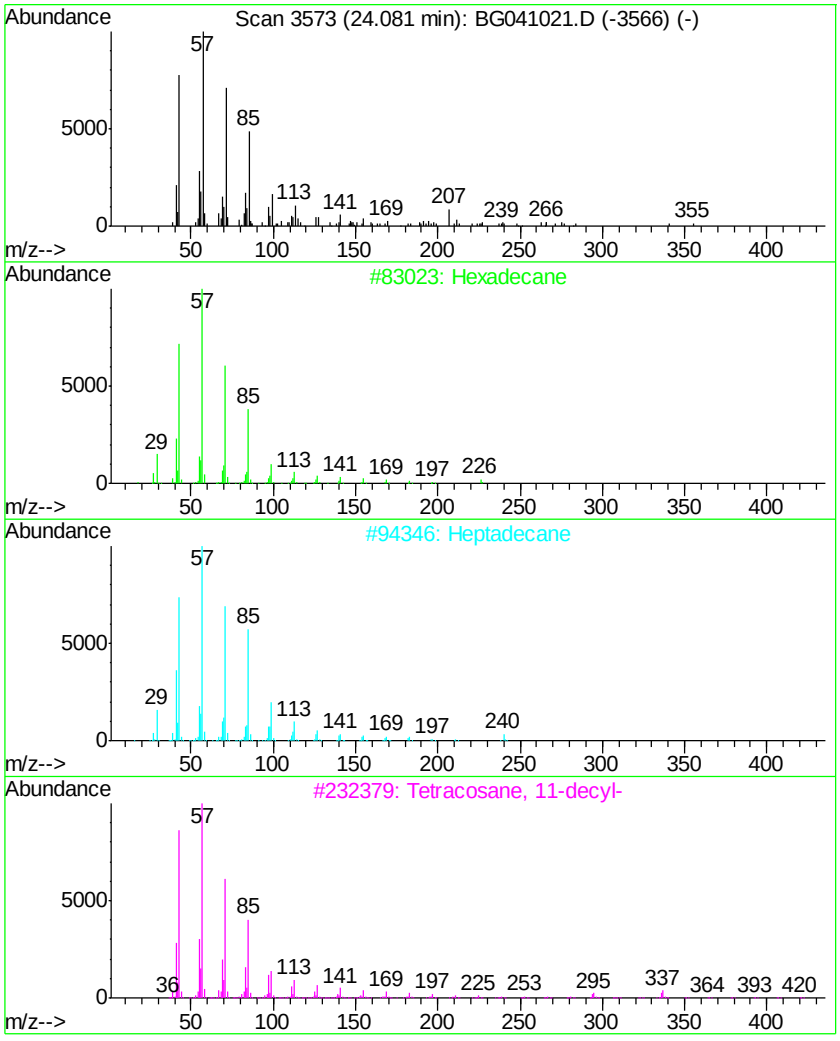
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

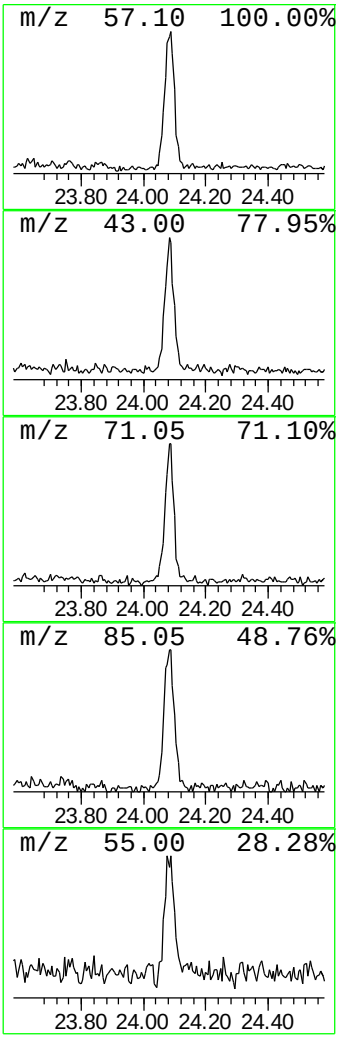
****

Peak Number 9 Hexadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.08	2.79 ng	171354	Perylene-d12	25.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	95
2	Heptadecane	240	C17H36	000629-78-7	94
3	Tetracosane, 11-decyl-	479	C34H70	055429-84-0	90
4	Hexacosane	366	C26H54	000630-01-3	90
5	Heptacosane	380	C27H56	000593-49-7	90





Tentatively Identified Compound (LSC) summary

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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	28.8	ng	549141	1	8.12	381371	20.0
unknown7.65	7.65	103.2	ng	1968530	1	8.12	381371	20.0
n-Hexadecanoic acid	18.35	3.8	ng	197858	4	17.49	1035250	20.0
Pentafluoropropio...	21.37	6.6	ng	370902	5	21.77	1120390	20.0
Heptadecane	22.54	2.3	ng	128628	5	21.77	1120390	20.0
Heneicosane	23.25	2.8	ng	154034	5	21.77	1120390	20.0
Hexadecane	24.08	2.8	ng	171354	6	25.11	1226330	20.0