LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061219\
Data File : BG041222.D
Acq On : 13 Jun 2019 1:12
Operator : HP/JU
Sample : K3303-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BAT-B02

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	3.182	13	16	24	rVB	41138	58127	2.52%	0.347%
2	5.644	429	435	446	rBV	601504	965784	41.80%	5.768%
3	7.254	701	709	727	rBV	656968	1192484	51.61%	7.122%
4	7.630	765	773	784	rBV	632372	1107349	47.93%	6.613%
5	8.106	847	854	863	rBV	159069	276984	11.99%	1.654%
6	8.429	901	909	919	rBV	472024	795962	34.45%	4.754%
7	9.281	1045	1054	1067	rBV	409798	757857	32.80%	4.526%
8	10.926	1326	1334	1347	rBV	217307	406997	17.62%	2.431%
9	13.358	1741	1748	1757	rBV	1061138	1671680	72.35%	9.984%
10	14.181	1882	1888	1895	rBV	171683	268770	11.63%	1.605%
11	14.733	1973	1982	1990	rBV2	368301	619001	26.79%	3.697%
12	16.225	2229	2236	2247	rBV	956368	1484368	64.25%	8.865%
13	17.483	2440	2450	2460	rBV	477731	761807	32.97%	4.550%
14	18.329	2589	2594	2604	rBV2	97155	160716	6.96%	0.960%
15	18.552	2626	2632	2637	rBV6	12901	23975	1.04%	0.143%
16	19.522	2792	2797	2803	rBV	141071	202360	8.76%	1.209%
17	19.592	2805	2809	2819	rBV6	43569	78113	3.38%	0.467%
18	19.763	2835	2838	2844	rVB5	16723	27651	1.20%	0.165%
19	19.857	2849	2854	2855	rVV2	19859	29965	1.30%	0.179%
20	19.886	2855	2859	2866	rVB	169552	241133	10.44%	1.440%
21	20.074	2883	2891	2898	rBV	1843855	2310417	100.00%	13.799%
22	20.368	2939	2941	2948	rVB3	28608	43998	1.90%	0.263%
23	20.738	2996	3004	3010	rBV	677540	910421	39.41%	5.437%
24	20.838	3019	3021	3027	rVB6	25262	28973	1.25%	0.173%
25	21.349	3104	3108	3117	rVB6	102598	173678	7.52%	1.037%
26	21.754	3170	3177	3183	rBV2	501672	954351	41.31%	5.700%
27	21.801	3183	3185	3190	rVB	72805	104545	4.52%	0.624%
28	21.901	3198	3202	3207	rVB4	26955	42820	1.85%	0.256%
29	23.229	3423	3428	3435	rVB4	35430	64981	2.81%	0.388%
30	24.034	3556	3565	3571	rBV3	73414	244209	10.57%	1.458%
31	24.921	3711	3716	3724	rVB	49085	121268	5.25%	0.724%
32	25.086	3735	3744	3754	rBV2	213458	613208	26.54%	3.662%

LSC Area Percent Report

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Sample : K3303-04
Misc :
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Instrument : BNA_G
ClientSampleId : BAT-B02

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

Sum of corrected areas: 16743952

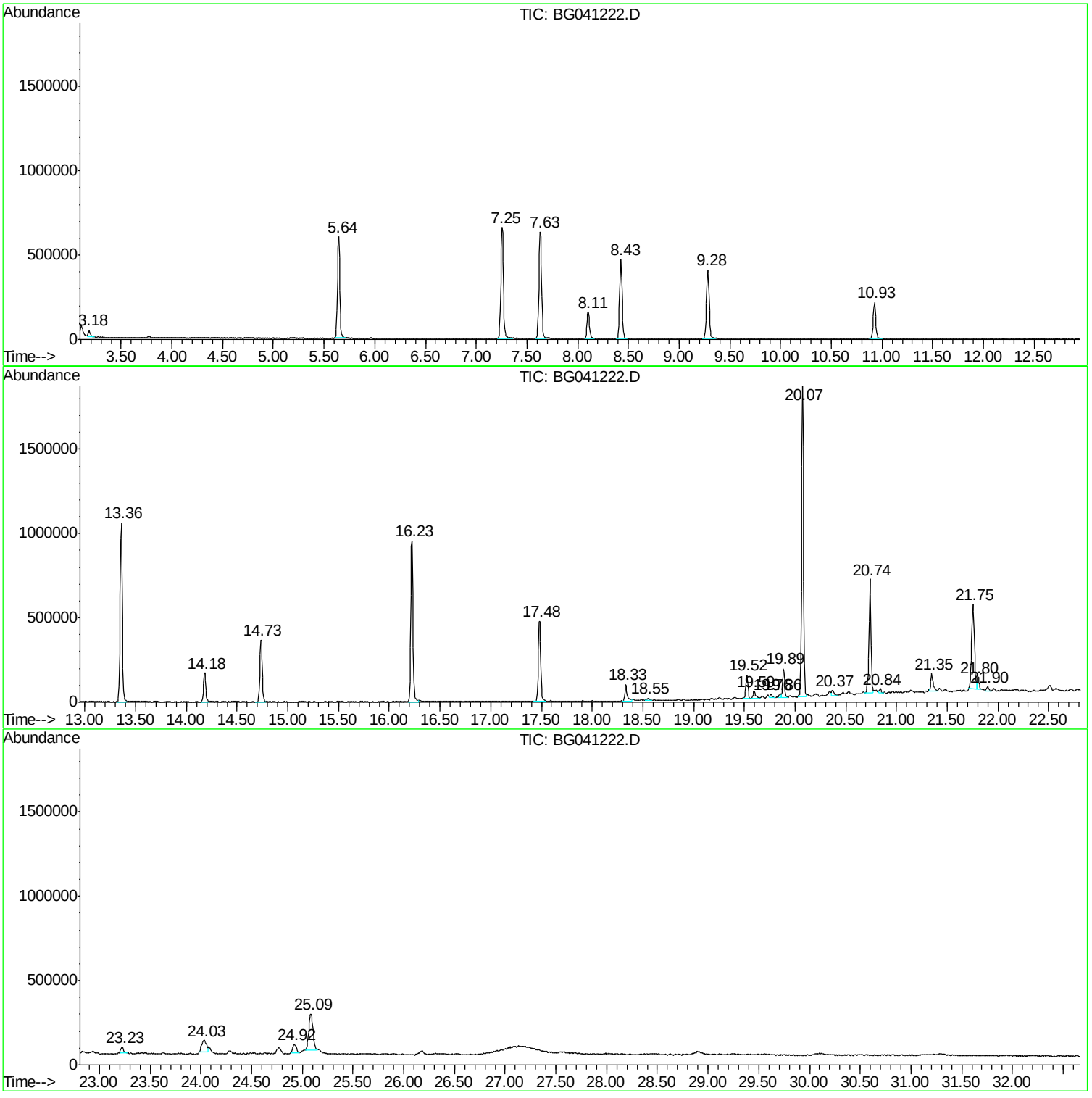
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061219\
Data File : BG041222.D
Acq On : 13 Jun 2019 1:12
Operator : HP/JU
Sample : K3303-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BAT-B02

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\BG061219\
Data File : BG041222.D
Acq On : 13 Jun 2019 1:12
Operator : HP/JU
Sample : K3303-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BAT-B02

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

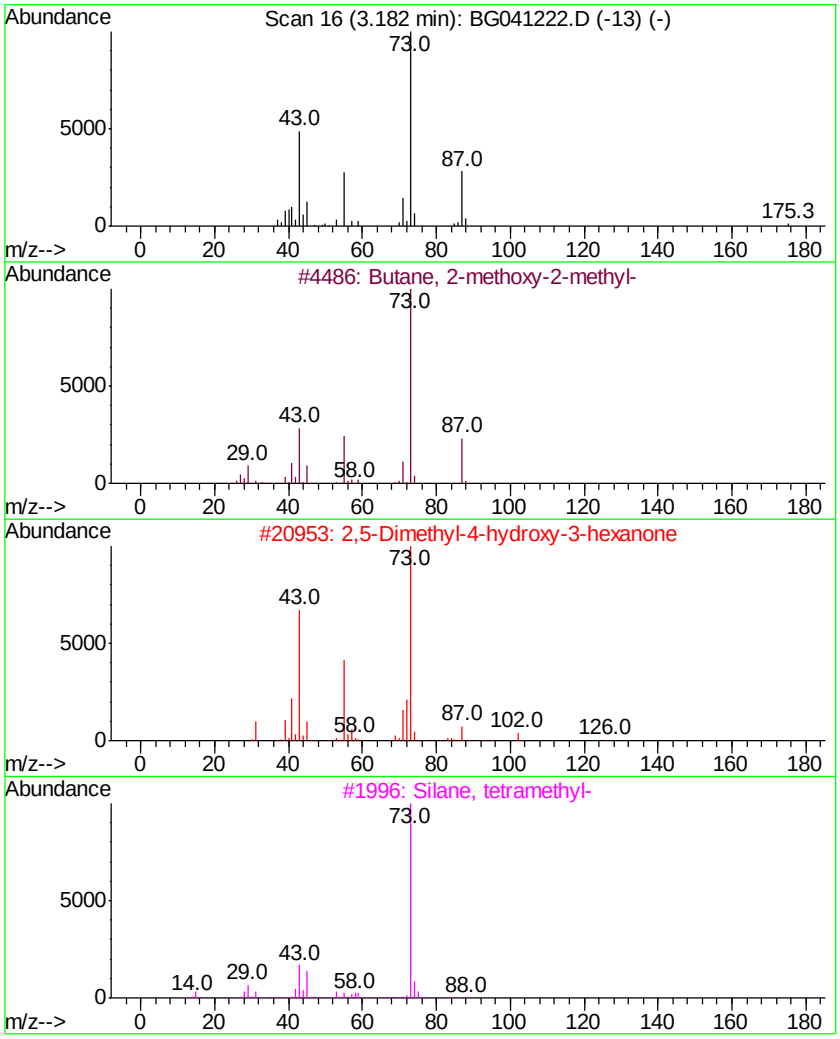
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

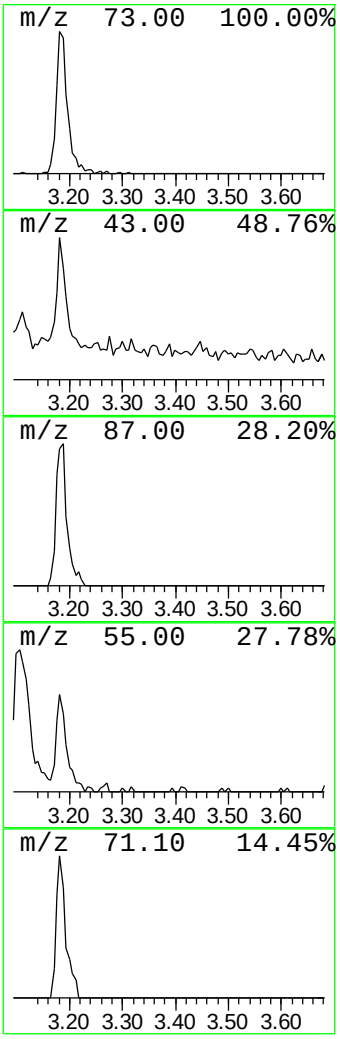
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.18	4.20 ng	58127	1,4-Dichlorobenzene-d4	8.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	72
2	2,5-Dimethyl-4-hydroxy-3-hexanone	144	C8H16O2	000815-77-0	40
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	27
4	1-(2-Methoxyethoxy)-2-methyl-2-p...	162	C8H18O3	1000364-24-4	23
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	10





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061219\
Data File : BG041222.D
Acq On : 13 Jun 2019 1:12
Operator : HP/JU
Sample : K3303-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BAT-B02

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

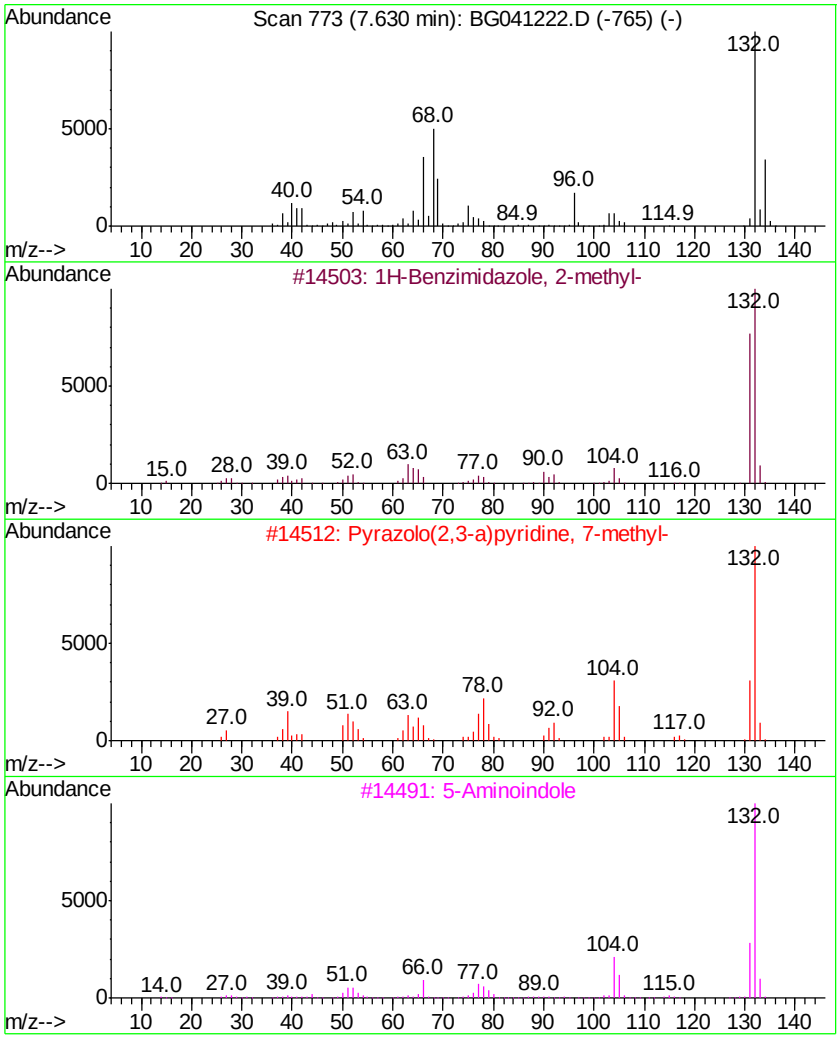
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

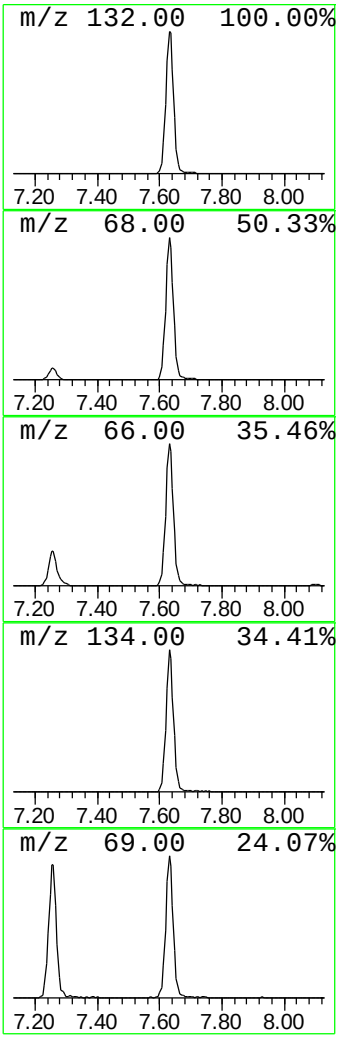
****

Peak Number 2 unknown7.63 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.63	79.96 ng	1107350	1,4-Dichlorobenzene-d4	8.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
2	Pyrazolo(2,3-a)pyridine, 7-methyl-	132	C8H8N2	034760-58-2	22
3	5-Aminoindole	132	C8H8N2	005192-03-0	22
4	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
5	Cyclopropanamine, 1-phenyl-	133	C9H11N	1000351-26-2	14





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061219\
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Acq On : 13 Jun 2019 1:12
Operator : HP/JU
Sample : K3303-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BAT-B02

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

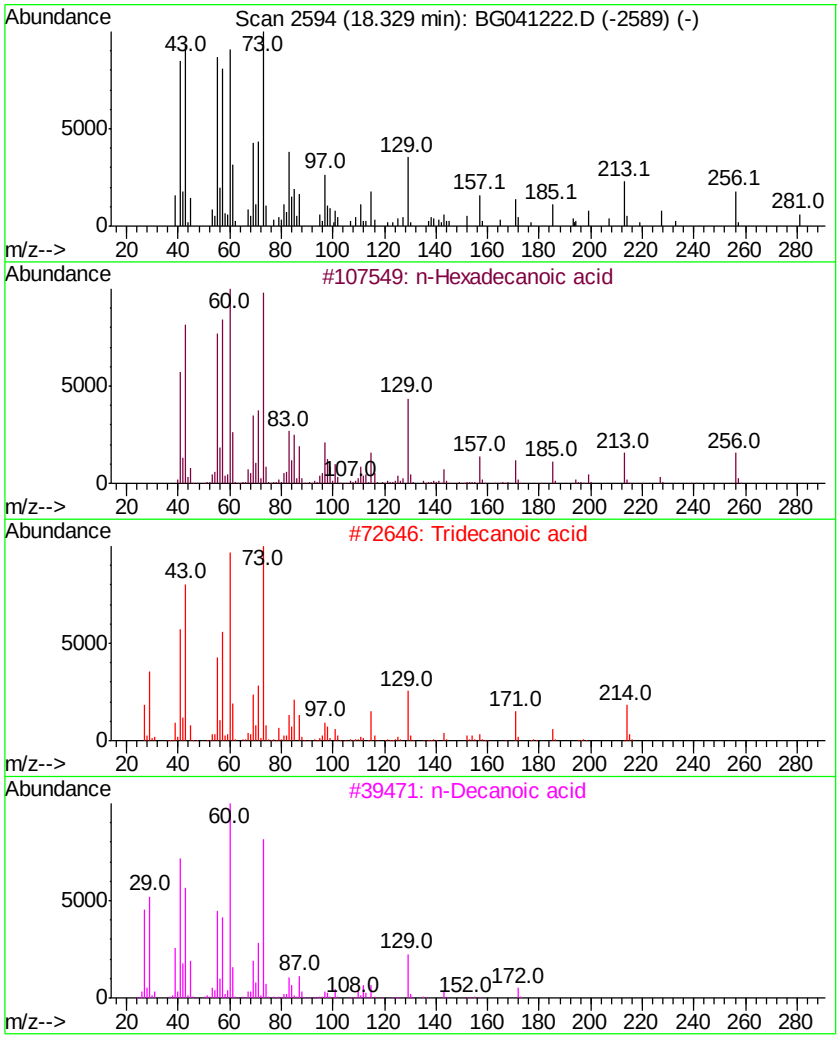
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

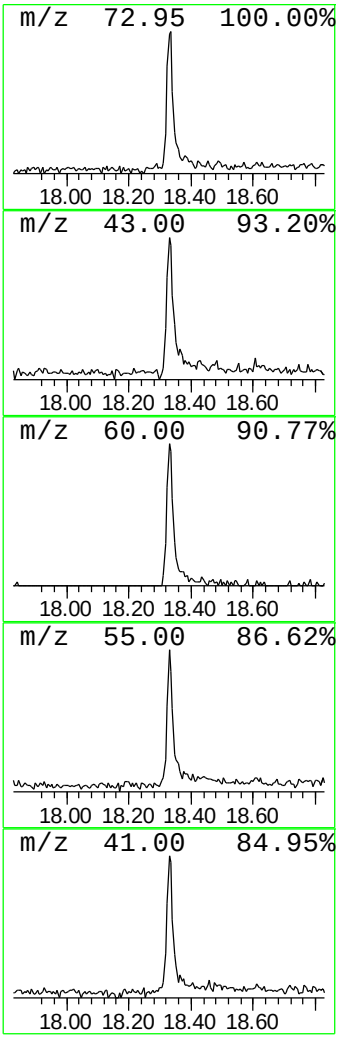
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.33	4.22 ng	160716	Phenanthrene-d10	17.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	Tridecanoic acid	214	C13H26O2	000638-53-9	60
3	n-Decanoic acid	172	C10H20O2	000334-48-5	58
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	52
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	47





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061219\
Data File : BG041222.D
Acq On : 13 Jun 2019 1:12
Operator : HP/JU
Sample : K3303-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BAT-B02

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

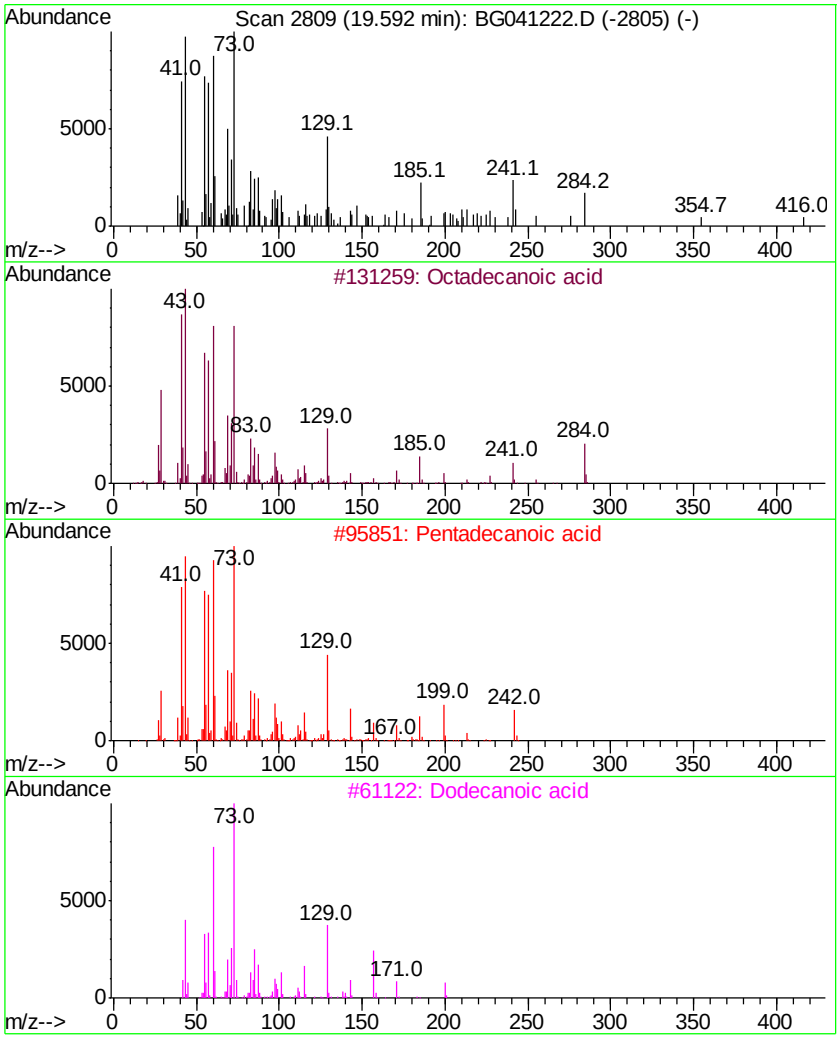
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

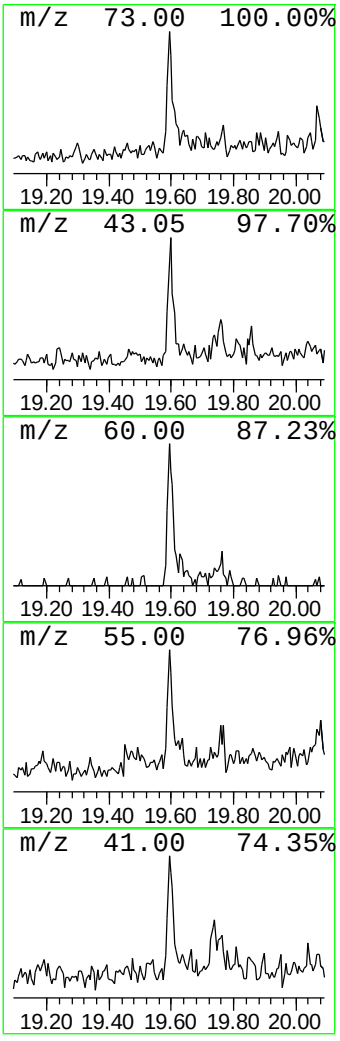
****

Peak Number 5 Octadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.59	2.05 ng	78113	Phenanthrene-d10	17.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	97
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
3	Dodecanoic acid	200	C12H24O2	000143-07-7	86
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	64
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	64





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Sample : K3303-04
Misc :
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Instrument : BNA_G
ClientSampleId : BAT-B02

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

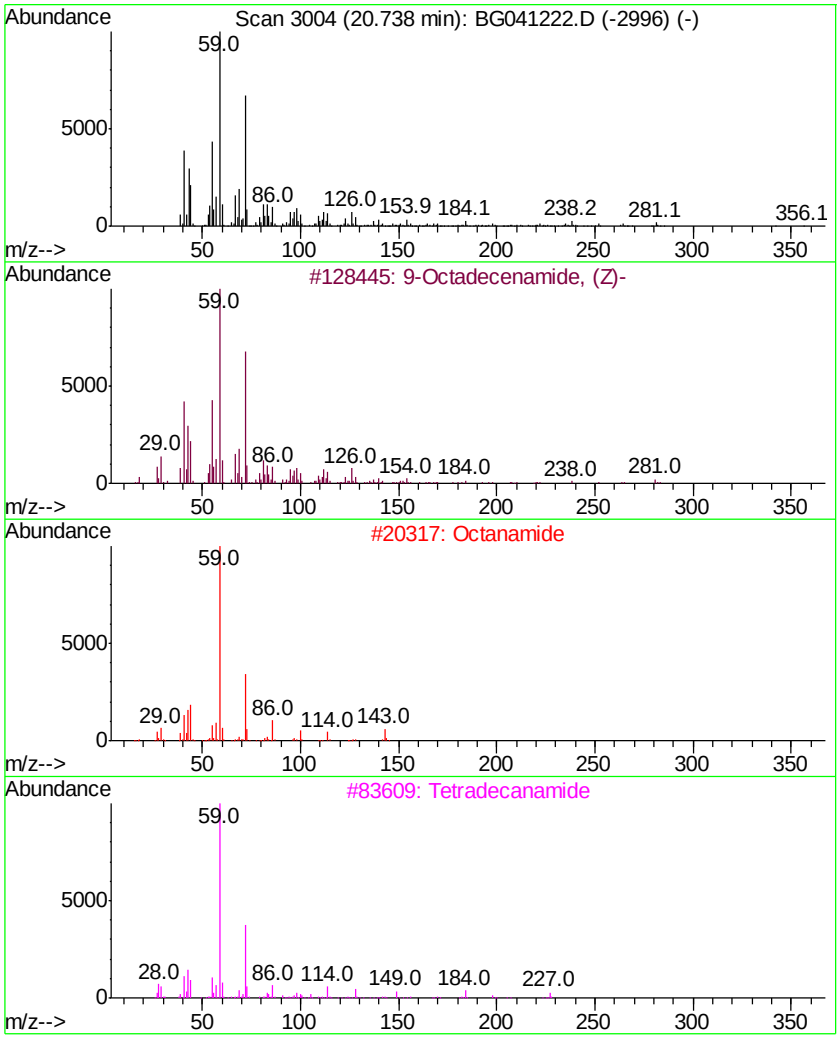
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

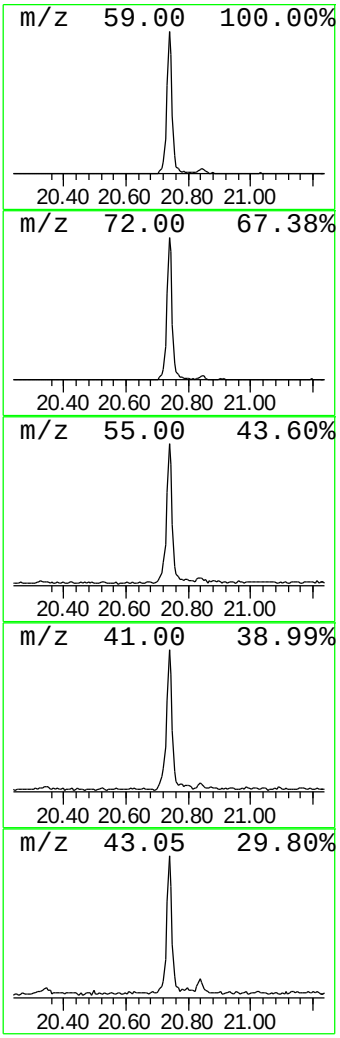
****

Peak Number 6 9-Octadecenamide, (Z)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.74	19.08 ng	910421	Chrysene-d12	21.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	99
2	Octanamide	143	C8H17NO	000629-01-6	64
3	Tetradecanamide	227	C14H29NO	000638-58-4	53
4	Hydrazine, 1,1-dimethyl-2-(1-met...	130	C7H18N2	075267-97-9	47
5	2-Propanone, 1-cyclohexyl-	140	C9H16O	000103-78-6	38





Library Search Compound Report

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Misc :
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Instrument : BNA_G
ClientSampleId : BAT-B02

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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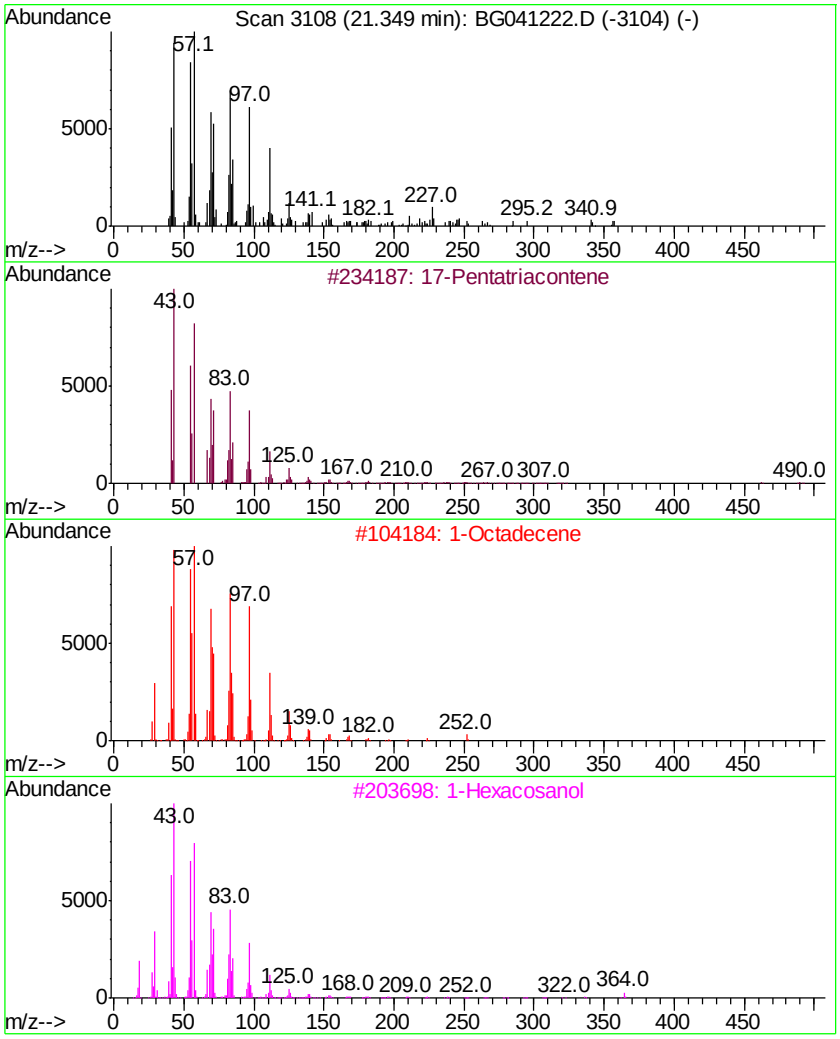
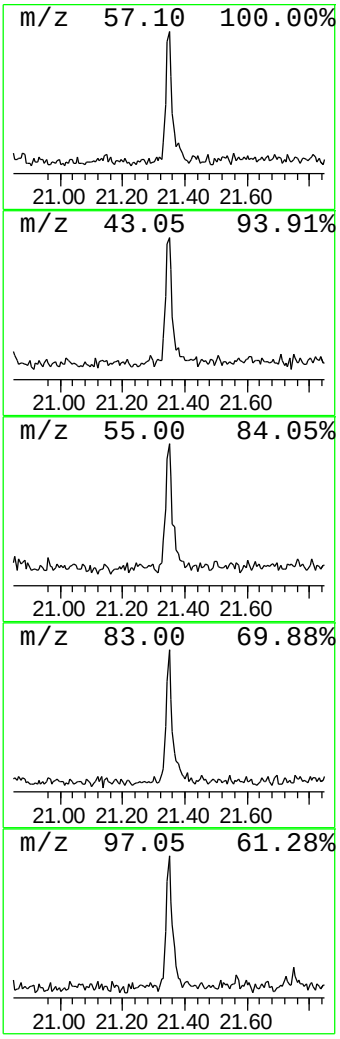
****

Peak Number 7 17-Pentatriacontene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.35	3.64 ng	173678	Chrysene-d12	21.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	17-Pentatriacontene	491	C35H70	006971-40-0	74
2	1-Octadecene	252	C18H36	000112-88-9	74
3	1-Hexacosanol	382	C26H54O	000506-52-5	62
4	1-Docosene	308	C22H44	001599-67-3	62
5	Cyclopentane, (4-octyldodecyl)-	350	C25H50	005638-09-5	62





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG061219\
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Instrument : BNA_G
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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
Butane, 2-methoxy...	3.18	4.2	ng	58127	1	8.11	276984	20.0
unknown7.63	7.63	80.0	ng	1107350	1	8.11	276984	20.0
n-Hexadecanoic acid	18.33	4.2	ng	160716	4	17.48	761807	20.0
Octadecanoic acid	19.59	2.0	ng	78113	4	17.48	761807	20.0
9-Octadecenamide,...	20.74	19.1	ng	910421	5	21.75	954351	20.0
17-Pentatriacontene	21.35	3.6	ng	173678	5	21.75	954351	20.0