LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060319\
Data File : BG041039.D
Acq On : 3 Jun 2019 18:09
Operator : HP/JU
Sample : K3097-15
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 0435-HR-15(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	3.123	3	6	15	rVB	116436	210030	4.98%	0.791%
2	3.206	15	20	34	rVB	388706	575717	13.66%	2.169%
3	5.656	430	437	446	rBV	1190176	1928248	45.76%	7.263%
4	7.266	702	711	721	rBV	1319141	2325062	55.18%	8.758%
5	7.647	768	776	787	rBV	1223020	2136737	50.71%	8.049%
6	8.117	850	856	867	rVB	236165	402620	9.55%	1.517%
7	8.441	904	911	919	rBV	875910	1484256	35.22%	5.591%
8	9.298	1045	1057	1067	rBV	793459	1424902	33.81%	5.367%
9	10.938	1329	1336	1344	rBV	312872	549221	13.03%	2.069%
10	13.370	1742	1750	1759	rBV	1903424	2975500	70.61%	11.208%
11	14.187	1878	1889	1897	rBV	160031	261595	6.21%	0.985%
12	14.751	1978	1985	1992	rVB2	524160	825587	19.59%	3.110%
13	16.237	2230	2238	2252	rBV	1853345	2856321	67.78%	10.759%
14	16.431	2264	2271	2283	rVB	127849	215344	5.11%	0.811%
15	17.495	2445	2452	2457	rBV2	671214	1055324	25.04%	3.975%
16	18.341	2592	2596	2603	rBV3	80667	132782	3.15%	0.500%
17	19.534	2795	2799	2805	rVB	41017	57825	1.37%	0.218%
18	19.898	2858	2861	2867	rVB	42816	64434	1.53%	0.243%
19	20.086	2887	2893	2900	rBV	3155728	4213828	100.00%	15.873%
20	21.367	3107	3111	3117	rBV4	66201	99310	2.36%	0.374%
21	21.772	3172	3180	3196	rBV2	723833	1299731	30.84%	4.896%
22	22.542	3307	3311	3316	rVB5	29042	54443	1.29%	0.205%
23	23.253	3427	3432	3438	rBV3	32796	64293	1.53%	0.242%
24	24.081	3568	3573	3579	rVB5	37398	82803	1.97%	0.312%
25	25.109	3735	3748	3758	rBV3	379675	1171565	27.80%	4.413%
26	26.232	3933	3939	3949	rVB6	26707	79728	1.89%	0.300%

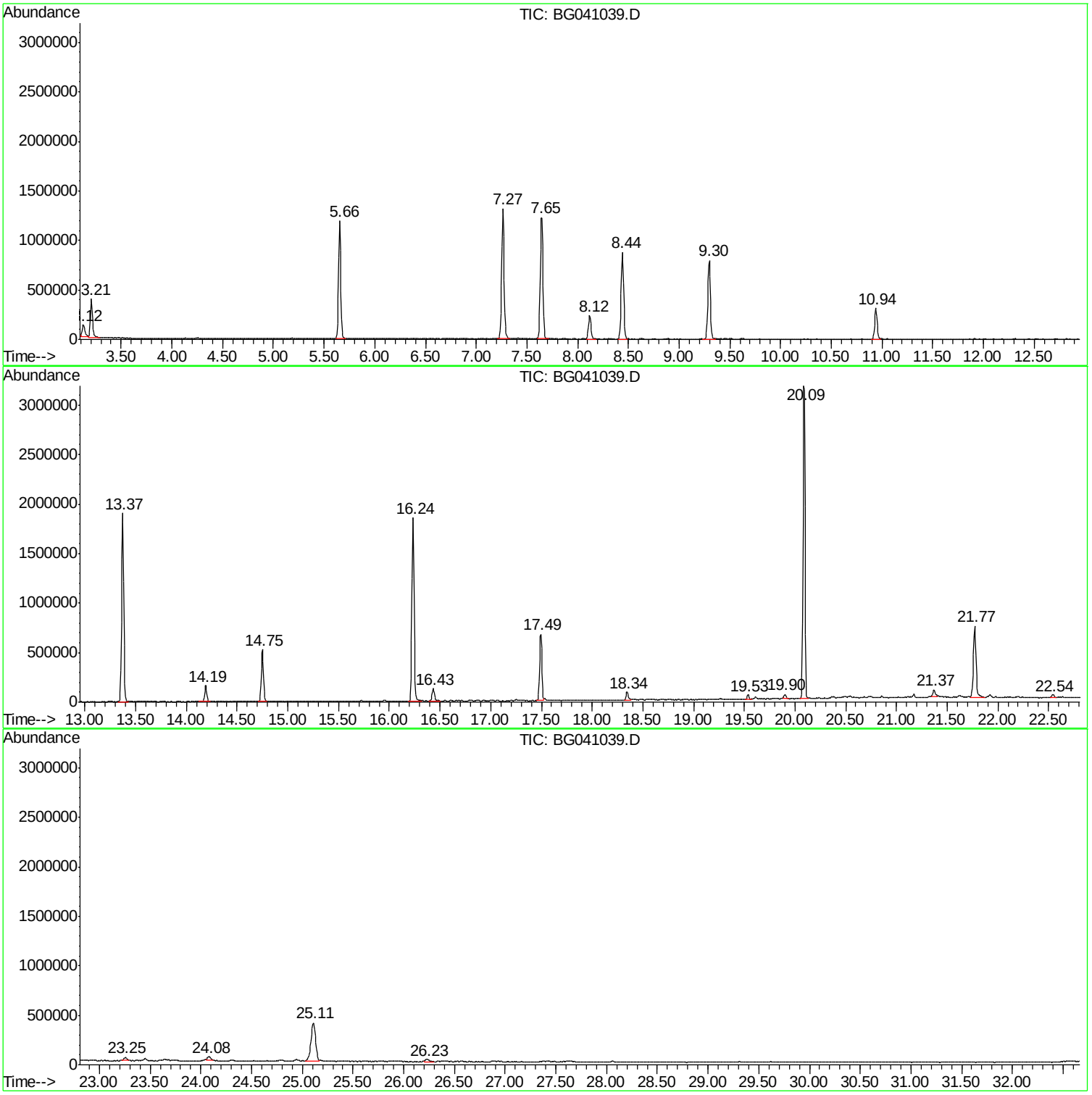
Sum of corrected areas: 26547206

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060319\
Data File : BG041039.D
Acq On : 3 Jun 2019 18:09
Operator : HP/JU
Sample : K3097-15
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
0435-HR-15(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\BG060319\
Data File : BG041039.D
Acq On : 3 Jun 2019 18:09
Operator : HP/JU
Sample : K3097-15
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 0435-HR-15(HACKENSACK)

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

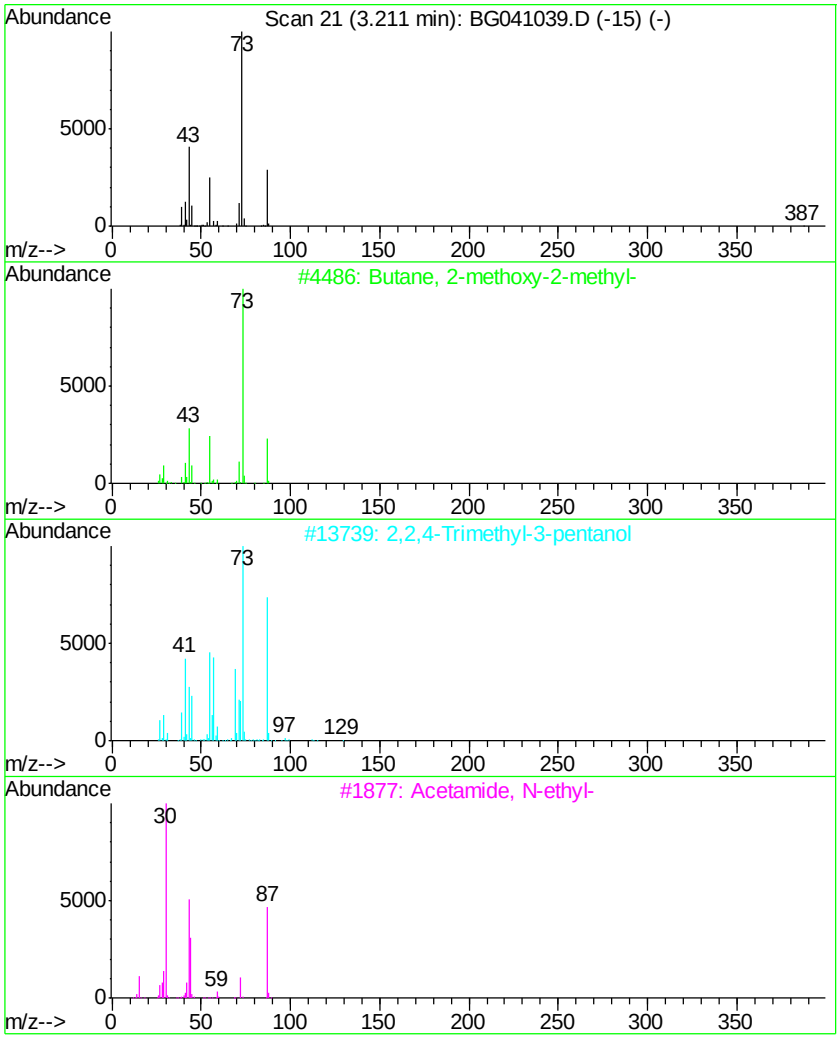
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

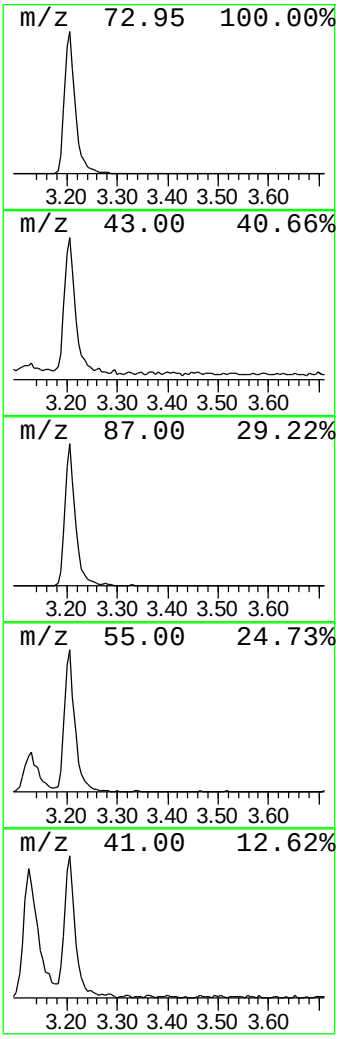
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.21	28.60 ng	575717	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	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	35
4	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	12
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060319\
Data File : BG041039.D
Acq On : 3 Jun 2019 18:09
Operator : HP/JU
Sample : K3097-15
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 0435-HR-15(HACKENSACK)

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

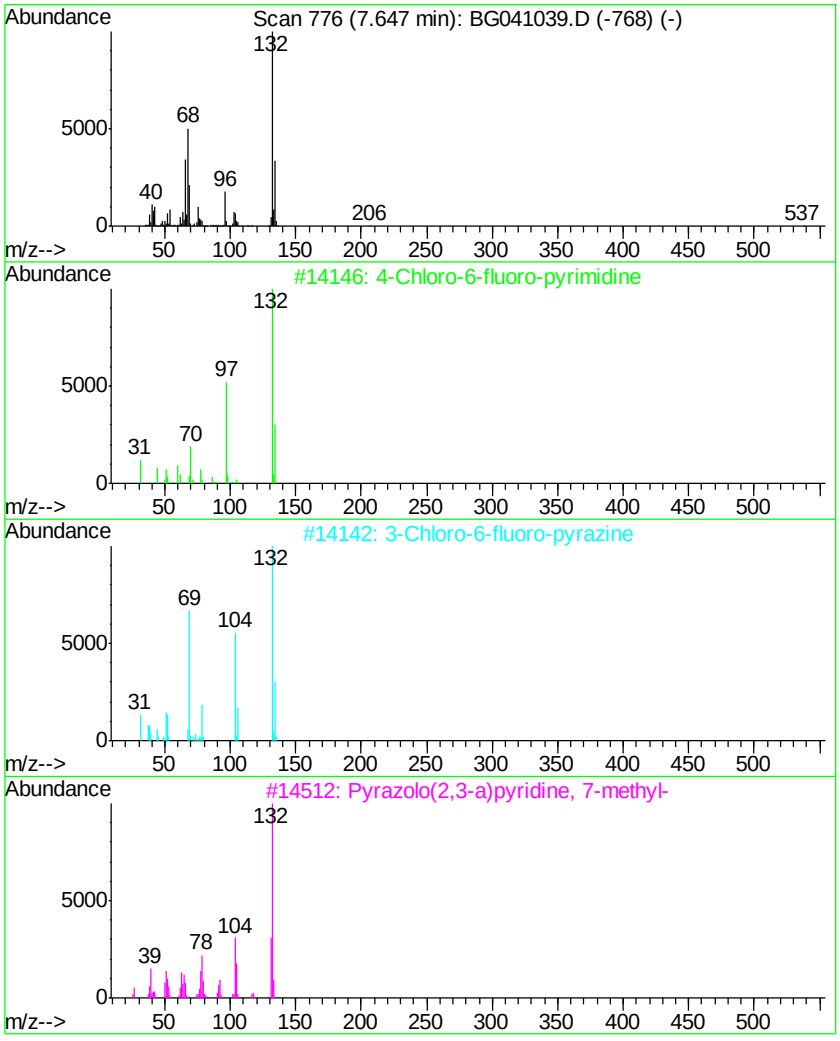
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

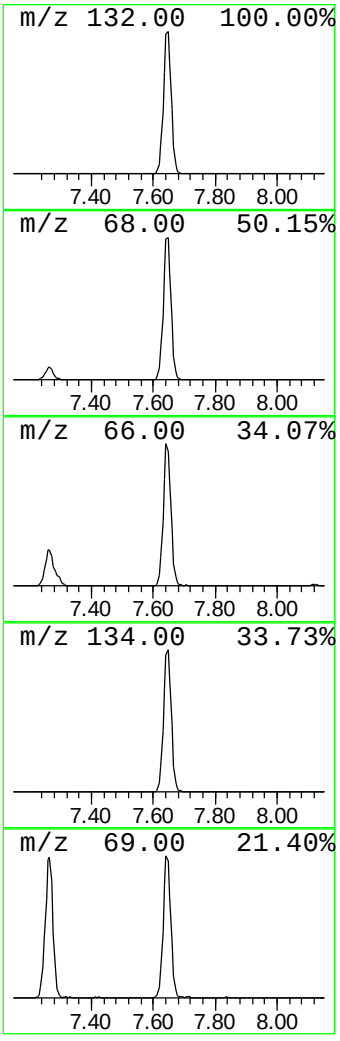
****

Peak Number 3 unknown7.65 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.65	106.14 ng	2136740	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	Pyrazolo(2,3-a)pyridine, 7-methyl-	132	C8H8N2	034760-58-2	22
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
5	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	17





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060319\
Data File : BG041039.D
Acq On : 3 Jun 2019 18:09
Operator : HP/JU
Sample : K3097-15
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 0435-HR-15(HACKENSACK)

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

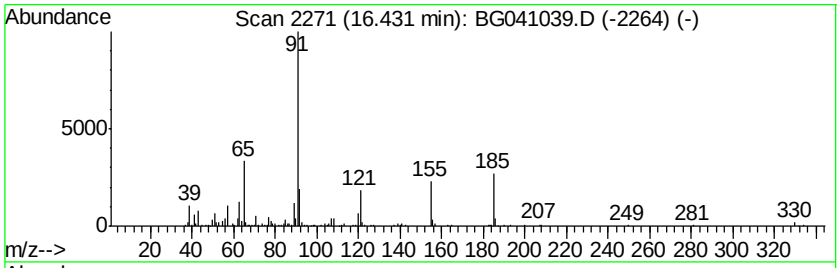
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

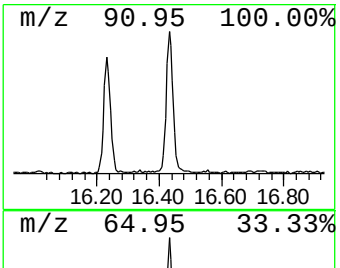
****

Peak Number 5 Benzenesulfonamide, N,4-dim... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.43	4.08 ng	215344	Phenanthrene-d10	17.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenesulfonamide, N,4-dimethyl-	185	C8H11NO2S	000640-61-9	90
2	Benzenesulfonic acid, 4-methyl-,...	186	C8H10O3S	000080-48-8	68
3	Benzene, 1-methyl-2-nitroso-	121	C7H7NO	000611-23-4	60
4	Cyclohepta-2,4,6-trienesulfonic ...	185	C8H11NO2S	1000187-28-7	58
5	4-Methyl-N-(1H-tetrazol-5-yl)-be...	239	C8H9N5O2S	006455-80-7	47





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060319\
Data File : BG041039.D
Acq On : 3 Jun 2019 18:09
Operator : HP/JU
Sample : K3097-15
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 0435-HR-15(HACKENSACK)

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

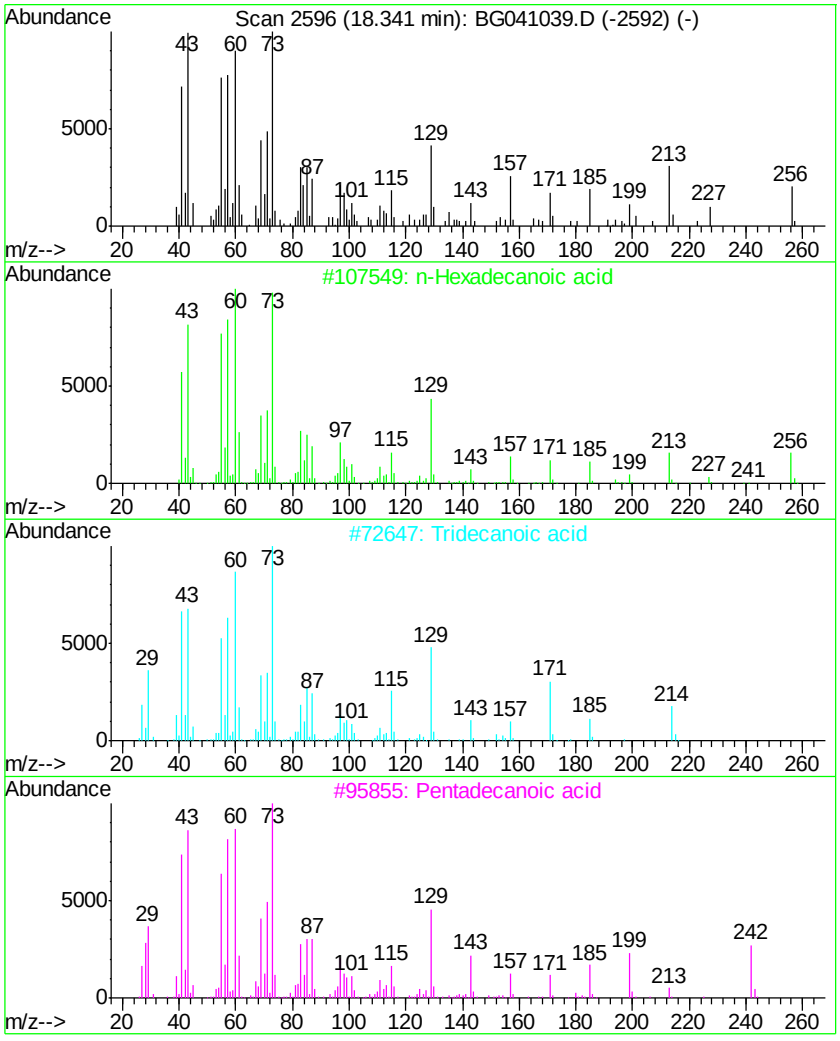
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

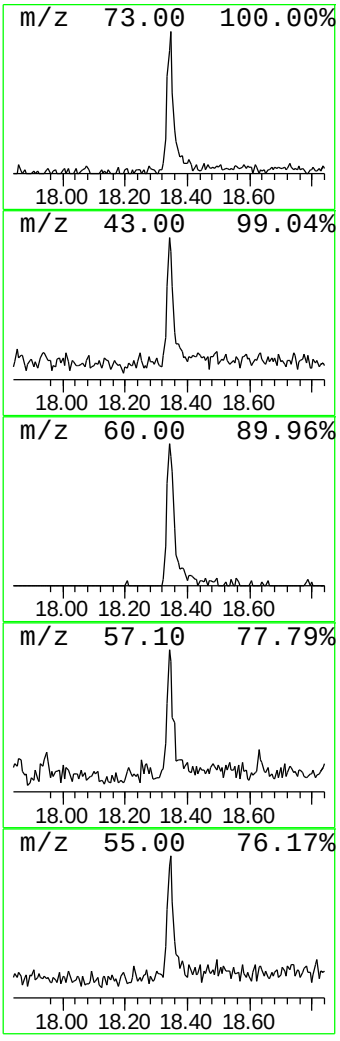
****

Peak Number 6 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.34	2.52 ng	132782	Phenanthrene-d10	17.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	Tridecanoic acid	214	C13H26O2	000638-53-9	70
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	64
4	Dodecanoic acid	200	C12H24O2	000143-07-7	58
5	n-Decanoic acid	172	C10H20O2	000334-48-5	55





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG060319\
Data File : BG041039.D
Acq On : 3 Jun 2019 18:09
Operator : HP/JU
Sample : K3097-15
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 0435-HR-15(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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	3.21	28.6	ng	575717	1	8.12	402620	20.0
unknown7.65	7.65	106.1	ng	2136740	1	8.12	402620	20.0
Benzenesulfonamid...	16.43	4.1	ng	215344	4	17.49	1055320	20.0
n-Hexadecanoic acid	18.34	2.5	ng	132782	4	17.49	1055320	20.0