LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082019\
Data File : BG042367.D
Acq On : 20 Aug 2019 21:14
Operator : HP/JU
Sample : K4387-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : T6-C-(0-2)

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-BG081919.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	3.136	3	8	26	rVB	470305	928250	38.38%	4.498%
2	5.568	415	422	443	rBV	639878	1068979	44.19%	5.180%
3	7.172	687	695	711	rBV	672598	1203902	49.77%	5.834%
4	7.542	749	758	770	rBV	729309	1258760	52.04%	6.100%
5	8.006	830	837	846	rBV	237587	399133	16.50%	1.934%
6	8.253	873	879	886	rBV	15550	32022	1.32%	0.155%
7	8.335	886	893	902	rVB	543481	965005	39.90%	4.676%
8	8.829	971	977	988	rBV	59311	109853	4.54%	0.532%
9	9.117	1016	1026	1030	rBV	145823	263975	10.91%	1.279%
10	9.175	1030	1036	1047	rVB	380373	721259	29.82%	3.495%
11	10.826	1309	1317	1334	rBV	291335	577193	23.86%	2.797%
12	13.282	1728	1735	1747	rBV	1141048	1847634	76.38%	8.953%
13	14.111	1870	1876	1880	rBV	47194	82692	3.42%	0.401%
14	14.405	1920	1926	1933	rBV3	7886	27714	1.15%	0.134%
15	14.663	1963	1970	1978	rBV	498279	823214	34.03%	3.989%
16	15.456	2102	2105	2110	rBV3	24319	36696	1.52%	0.178%
17	16.156	2218	2224	2231	rBV	930413	1503763	62.17%	7.287%
18	16.402	2262	2266	2271	rVB	151099	209191	8.65%	1.014%
19	17.413	2434	2438	2443	rBV2	585405	932087	38.53%	4.517%
20	17.454	2443	2445	2454	rVB	204183	307155	12.70%	1.488%
21	19.469	2784	2788	2793	rVB	449141	636509	26.31%	3.084%
22	19.834	2847	2850	2854	rVB	377396	468981	19.39%	2.273%
23	20.027	2879	2883	2889	rVB	1815357	2418857	100.00%	11.721%
24	21.690	3159	3166	3171	rBV2	721387	1491769	61.67%	7.229%
25	22.707	3333	3339	3353	rVB	417020	910625	37.65%	4.413%
26	24.939	3711	3719	3740	rVB	419939	1411758	58.36%	6.841%

Sum of corrected areas: 20636976

LSC Report - Integrated Chromatogram

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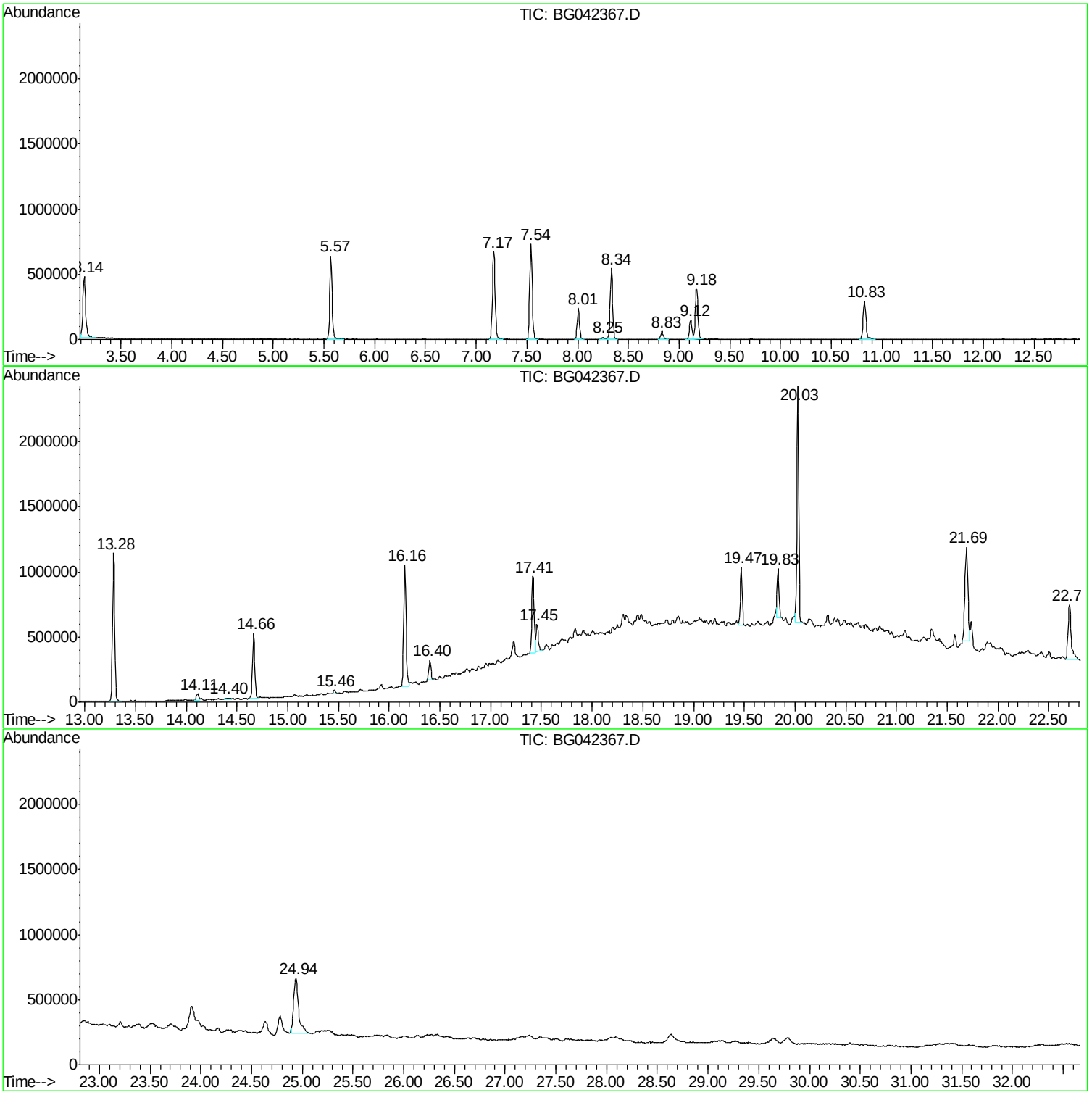
Operator : HP/JU
Sample : K4387-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : T6-C-(0-2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG081919.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

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Data File : BG042367.D
Acq On : 20 Aug 2019 21:14
Operator : HP/JU
Sample : K4387-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : T6-C-(0-2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG081919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

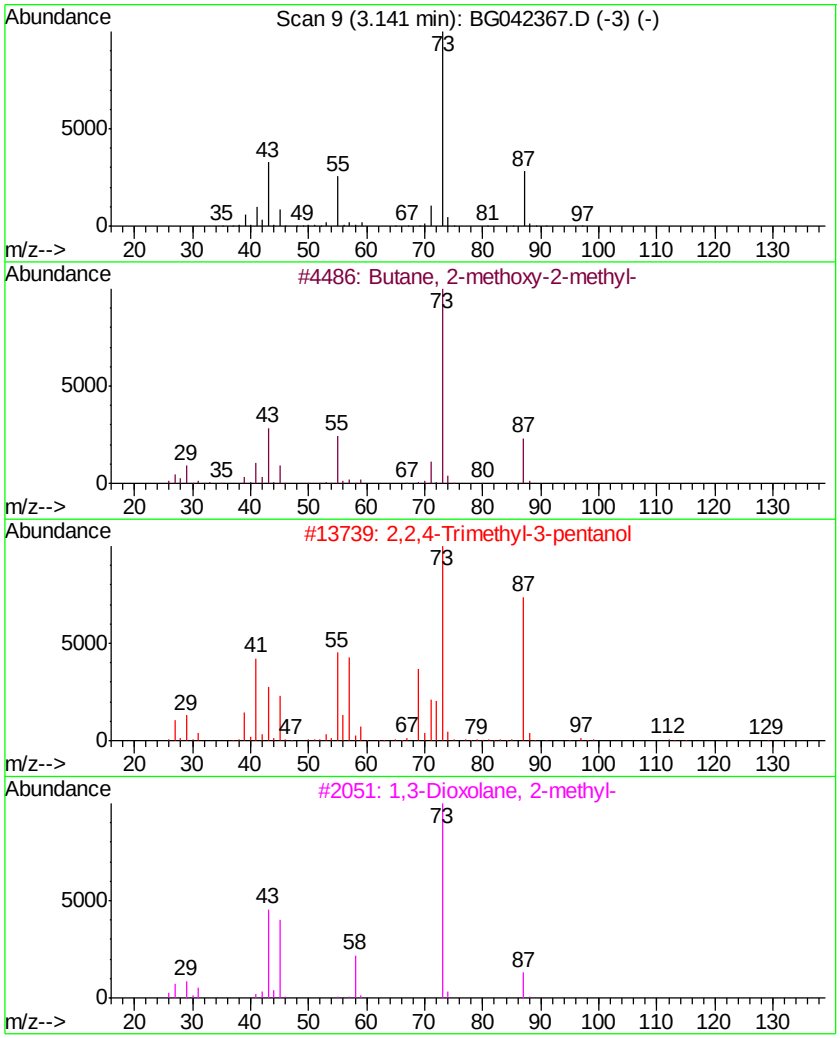
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

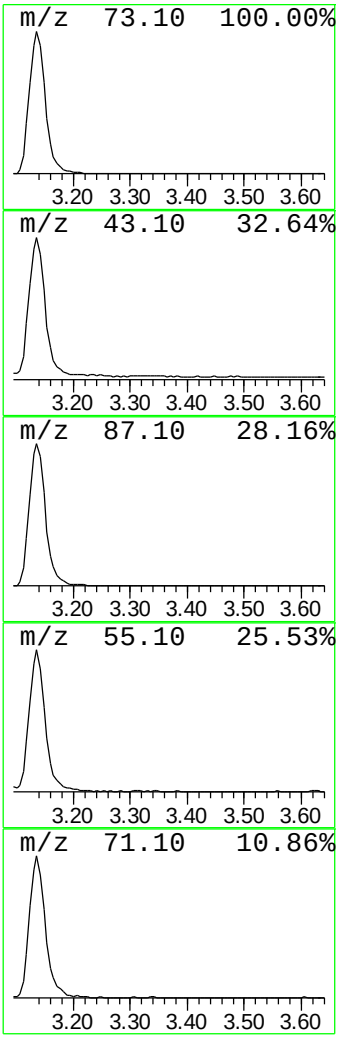
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.14	46.51 ng	928250	1,4-Dichlorobenzene-d4	8.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	86
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	37
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	25
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9





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Data File : BG042367.D
Acq On : 20 Aug 2019 21:14
Operator : HP/JU
Sample : K4387-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : T6-C-(0-2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG081919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

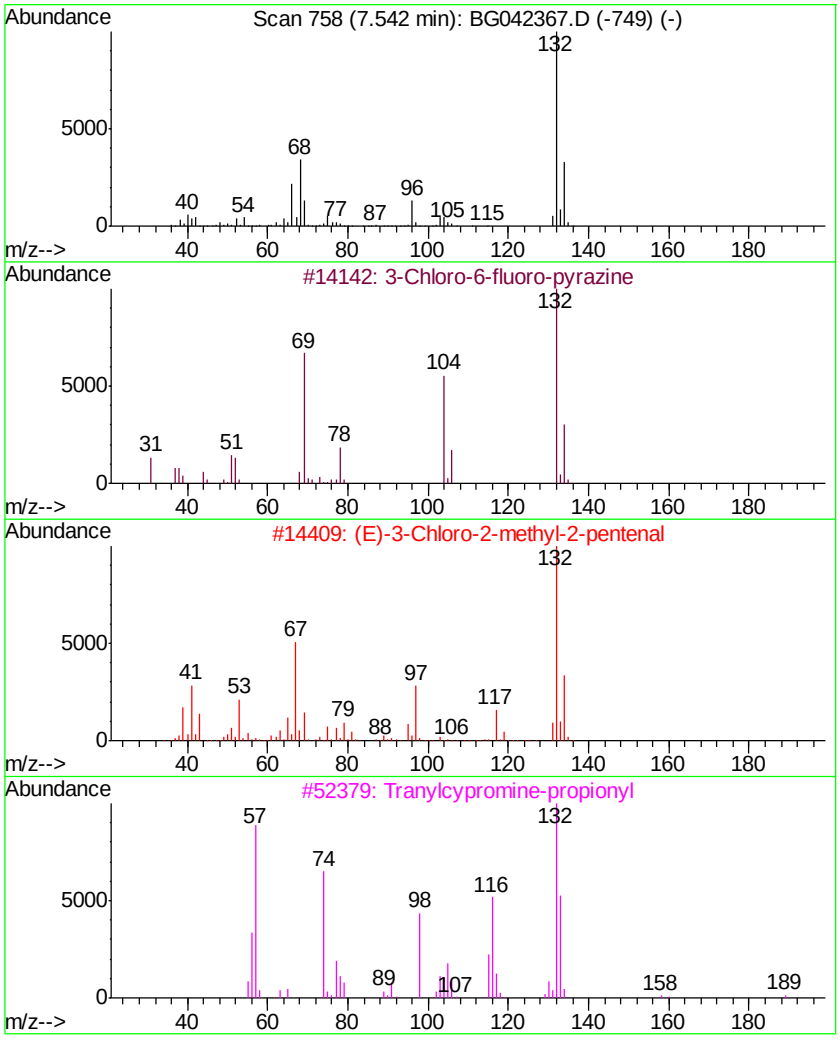
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

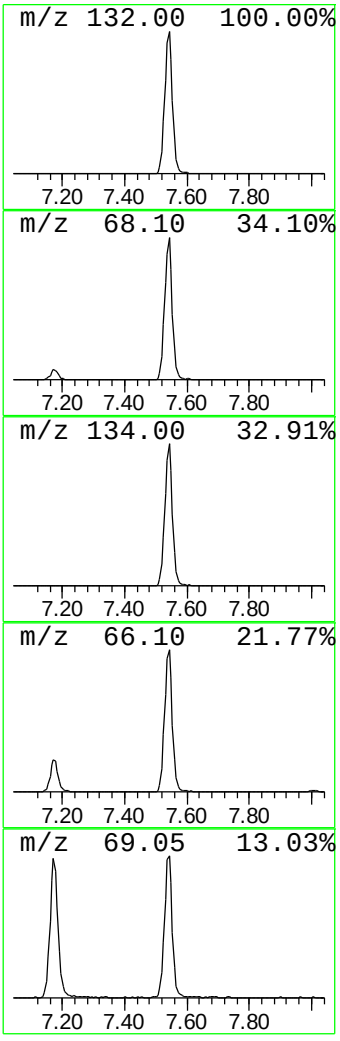
****

Peak Number 2 unknown7.54 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.54	63.07 ng	1258760	1,4-Dichlorobenzene-d4	8.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	16
4	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
5	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082019\
Data File : BG042367.D
Acq On : 20 Aug 2019 21:14
Operator : HP/JU
Sample : K4387-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : T6-C-(0-2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG081919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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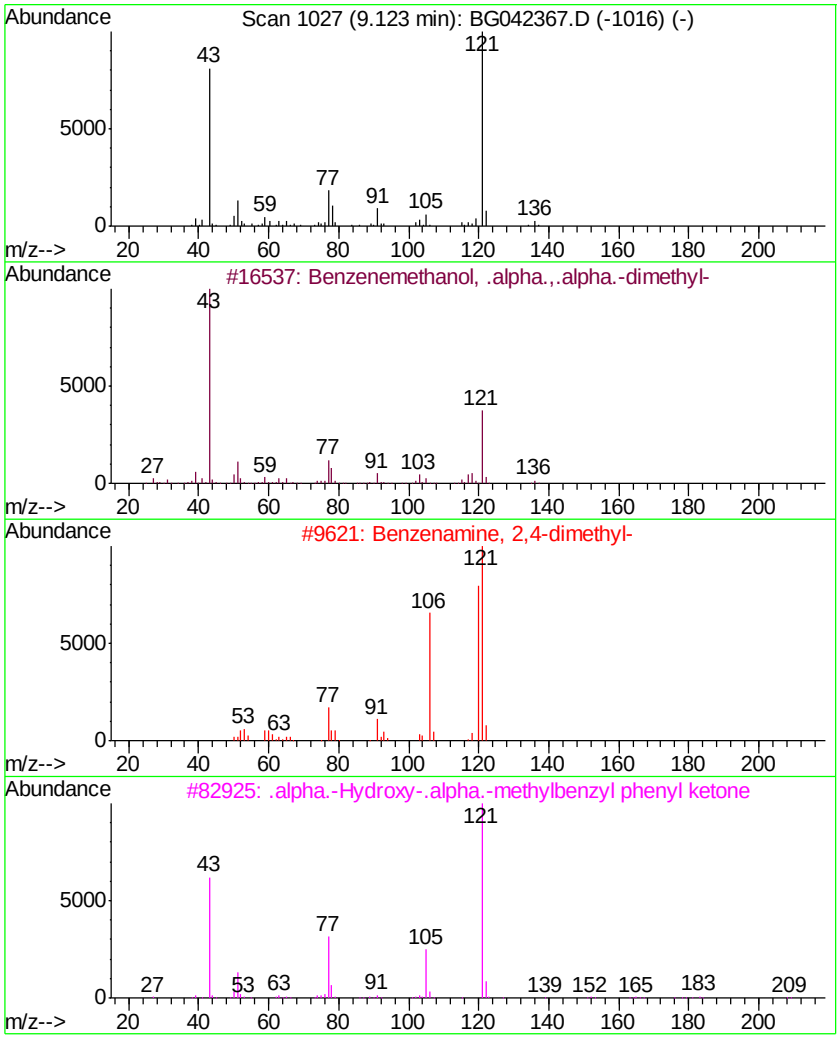
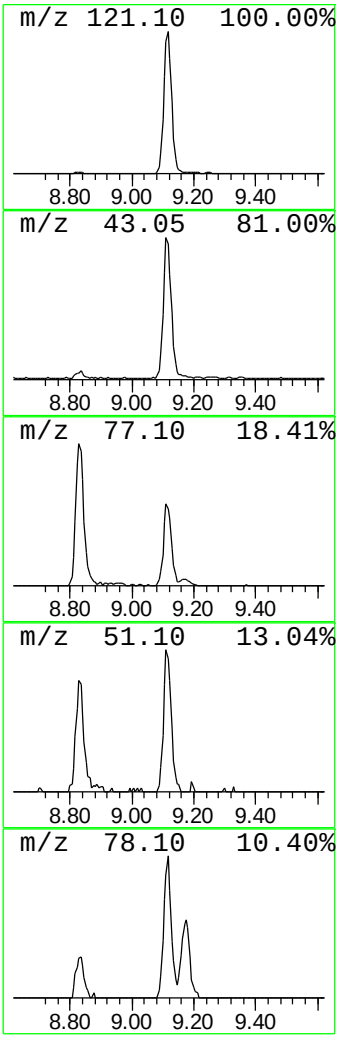
****

Peak Number 4 Benzenemethanol, .alpha.,.a... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.12	13.23 ng	263975	1,4-Dichlorobenzene-d4	8.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenemethanol, .alpha.,.alpha....	136	C9H12O	000617-94-7	91
2	Benzenamine, 2,4-dimethyl-	121	C8H11N	000095-68-1	64
3	.alpha.-Hydroxy-.alpha.-methylbe...	226	C15H14O2	005623-26-7	64
4	.alpha.-Ethyl-.alpha.-methylbenz...	150	C10H14O	001565-75-9	64
5	dl-2-Phenyl-1,2-propanediol	152	C9H12O2	004217-66-7	59





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082019\
Data File : BG042367.D
Acq On : 20 Aug 2019 21:14
Operator : HP/JU
Sample : K4387-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : T6-C-(0-2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG081919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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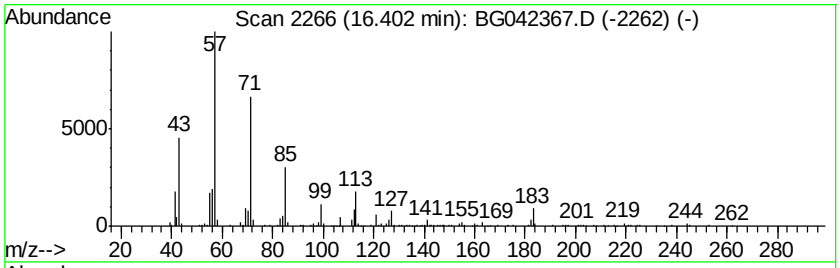
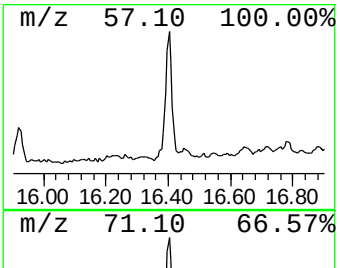
****

Peak Number 5 Pentadecane, 2,6,10,14-tetr... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.40	4.49 ng	209191	Phenanthrene-d10	17.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	91
2	Tridecane, 5-propyl-	226	C16H34	055045-11-9	78
3	Sulfurous acid, butyl hexadecyl ...	362	C20H42O3S	1000309-18-3	64
4	Heptacosane	380	C27H56	000593-49-7	58
5	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	58





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Acq On : 20 Aug 2019 21:14
Operator : HP/JU
Sample : K4387-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : T6-C-(0-2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG081919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

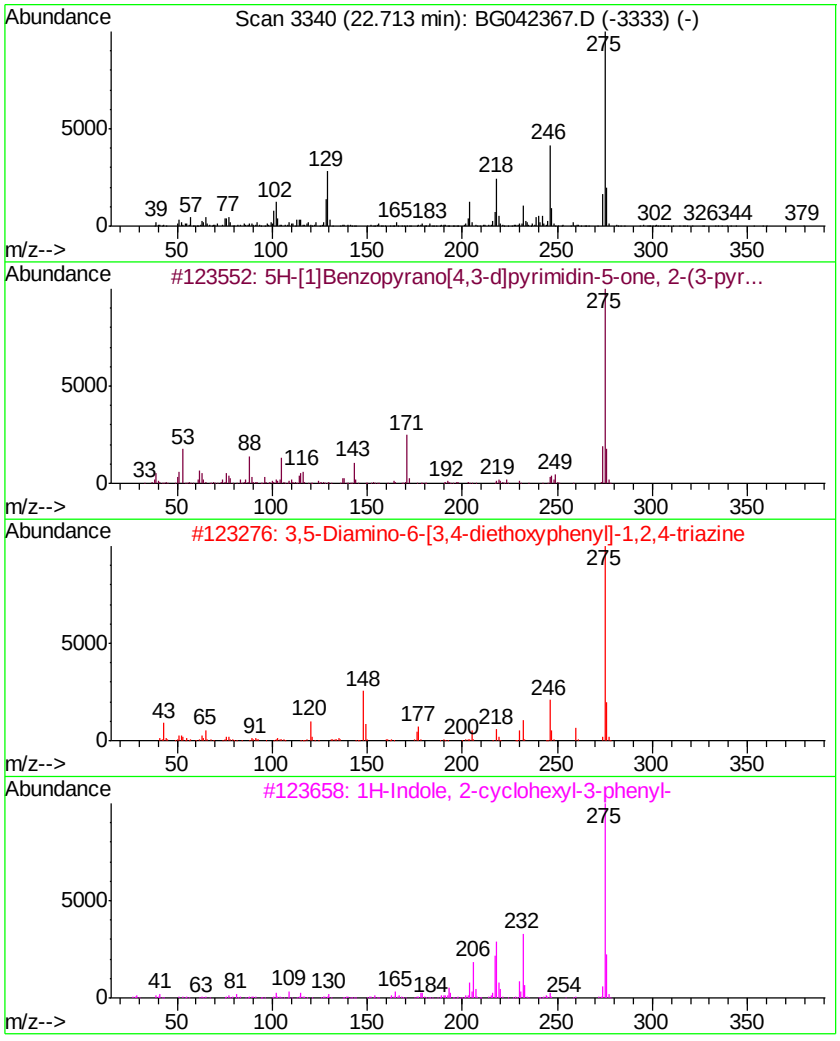
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

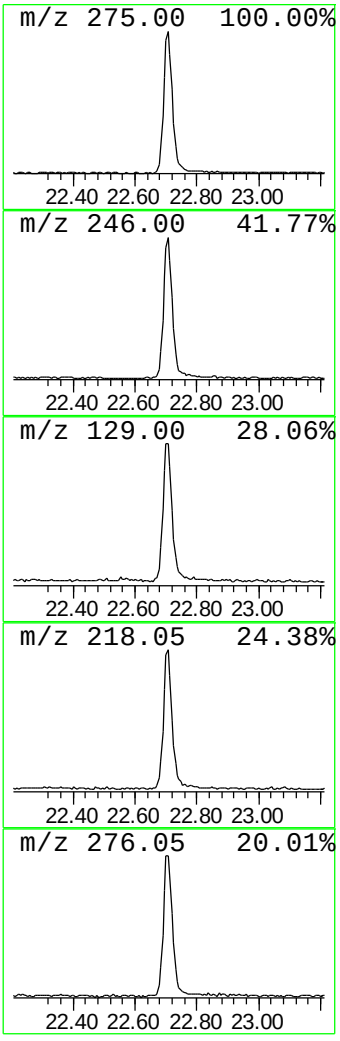
****

Peak Number 6 5H-[1]Benzopyrano[4,3-d]pyr... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.71	12.21 ng	910625	Chrysene-d12	21.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-[1]Benzopyrano[4,3-d]pyrimidi...	275	C16H9N3O2	1000337-49-1	50
2	3,5-Diamino-6-[3,4-diethoxyphenyl...	275	C13H17N5O2	058848-69-4	50
3	1H-Indole, 2-cyclohexyl-3-phenyl-	275	C20H21N	1000163-87-0	47
4	8H-Benzo[g]-1,3-benzodioxolo[6,5...	275	C17H9NO3	000475-75-2	46
5	Acetic acid, 2-[5-(4-nitrophenyl...	275	C13H13N3O4	351064-45-4	46





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG082019\
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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	3.14	46.5	ng	928250	1	8.01	399133	20.0
unknown7.54	7.54	63.1	ng	1258760	1	8.01	399133	20.0
Benzenemethanol, ...	9.12	13.2	ng	263975	1	8.01	399133	20.0
Pentadecane, 2,6,...	16.40	4.5	ng	209191	4	17.41	932087	20.0
5H-[1]Benzopyrano...	22.71	12.2	ng	910625	5	21.70	1491770	20.0