LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082019\
Data File : BG042376.D
Acq On : 21 Aug 2019 3:00
Operator : HP/JU
Sample : K4389-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : T4-F-(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	3.135	3	8	25	rVB	400634	812646	40.52%	5.251%
2	5.573	415	423	435	rBV	529341	931470	46.44%	6.019%
3	7.177	687	696	710	rBV	577825	1042505	51.98%	6.737%
4	7.295	712	716	725	rVB2	14665	29445	1.47%	0.190%
5	7.541	751	758	772	rBV	600380	1102887	54.99%	7.127%
6	8.011	831	838	846	rBV	221398	373209	18.61%	2.412%
7	8.335	886	893	903	rVB	466320	804616	40.12%	5.200%
8	9.175	1022	1036	1047	rBV	324473	615025	30.66%	3.974%
9	10.832	1309	1318	1334	rBV	285882	539324	26.89%	3.485%
10	13.288	1728	1736	1747	rBV	930292	1547565	77.16%	10.001%
11	13.458	1760	1765	1770	rBV5	15638	25651	1.28%	0.166%
12	14.098	1869	1874	1882	rBV3	52682	123548	6.16%	0.798%
13	14.216	1889	1894	1901	rBV4	16274	31827	1.59%	0.206%
14	14.416	1922	1928	1933	rBV4	37960	86019	4.29%	0.556%
15	14.504	1939	1943	1948	rVB2	76655	118566	5.91%	0.766%
16	14.586	1951	1957	1960	rBV6	18916	35608	1.78%	0.230%
17	14.668	1961	1971	1980	rBV	486745	866602	43.21%	5.600%
18	14.762	1983	1987	1992	rVV4	23856	44263	2.21%	0.286%
19	15.332	2081	2084	2089	rVB	45570	61643	3.07%	0.398%
20	15.461	2102	2106	2113	rVB3	103320	159741	7.96%	1.032%
21	16.161	2220	2225	2236	rBV	737713	1296151	64.62%	8.376%
22	17.424	2435	2440	2445	rBV	541883	859428	42.85%	5.554%
23	20.033	2879	2884	2889	rBV	1530919	2005733	100.00%	12.961%
24	21.701	3162	3168	3173	rVB	578903	989539	49.34%	6.395%
25	24.956	3715	3722	3731	rVB	342534	971659	48.44%	6.279%

Sum of corrected areas: 15474670

LSC Report - Integrated Chromatogram

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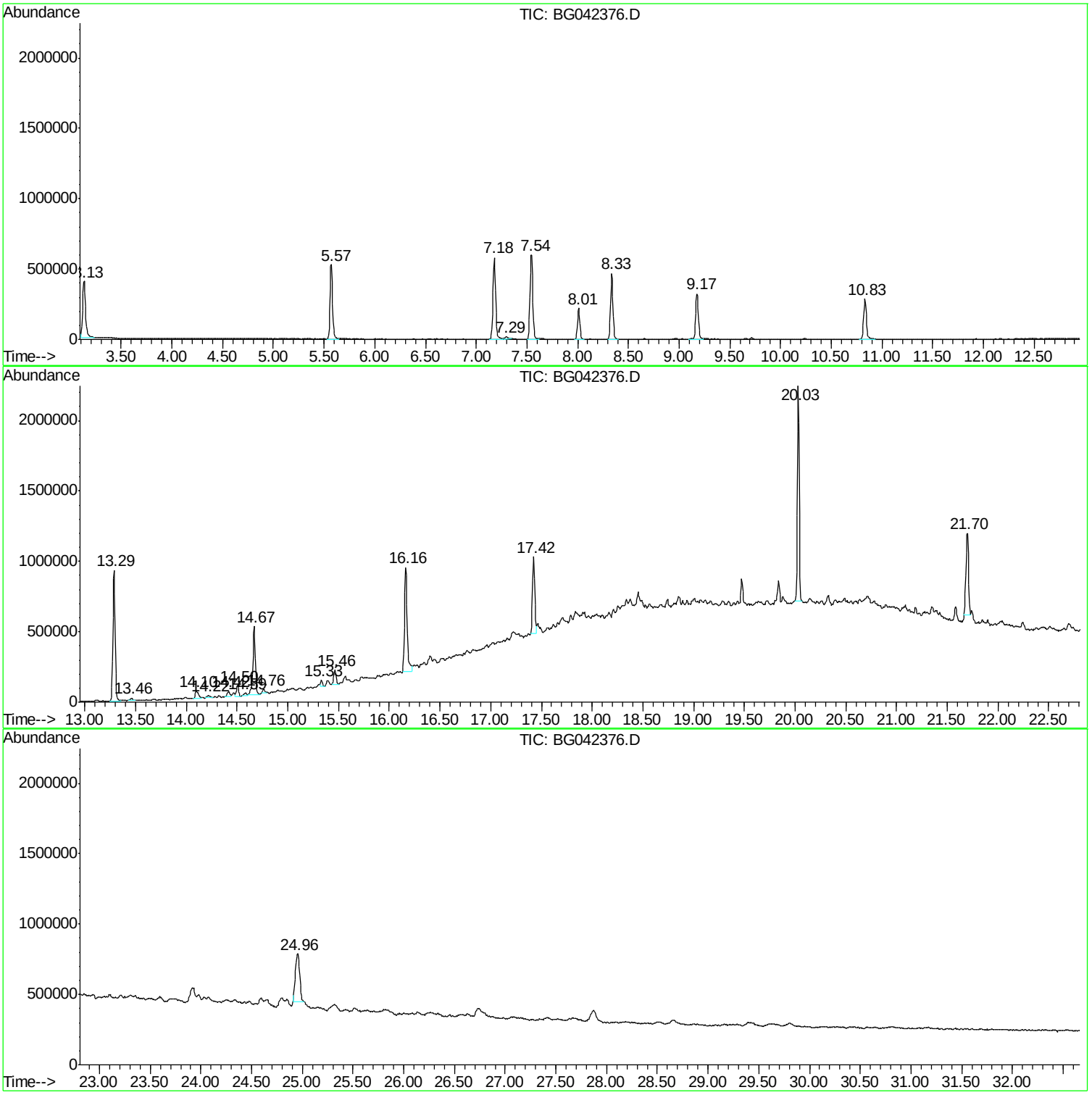
Sample : K4389-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
T4-F-(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

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082019\
Data File : BG042376.D
Acq On : 21 Aug 2019 3:00
Operator : HP/JU
Sample : K4389-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : T4-F-(0-2)

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

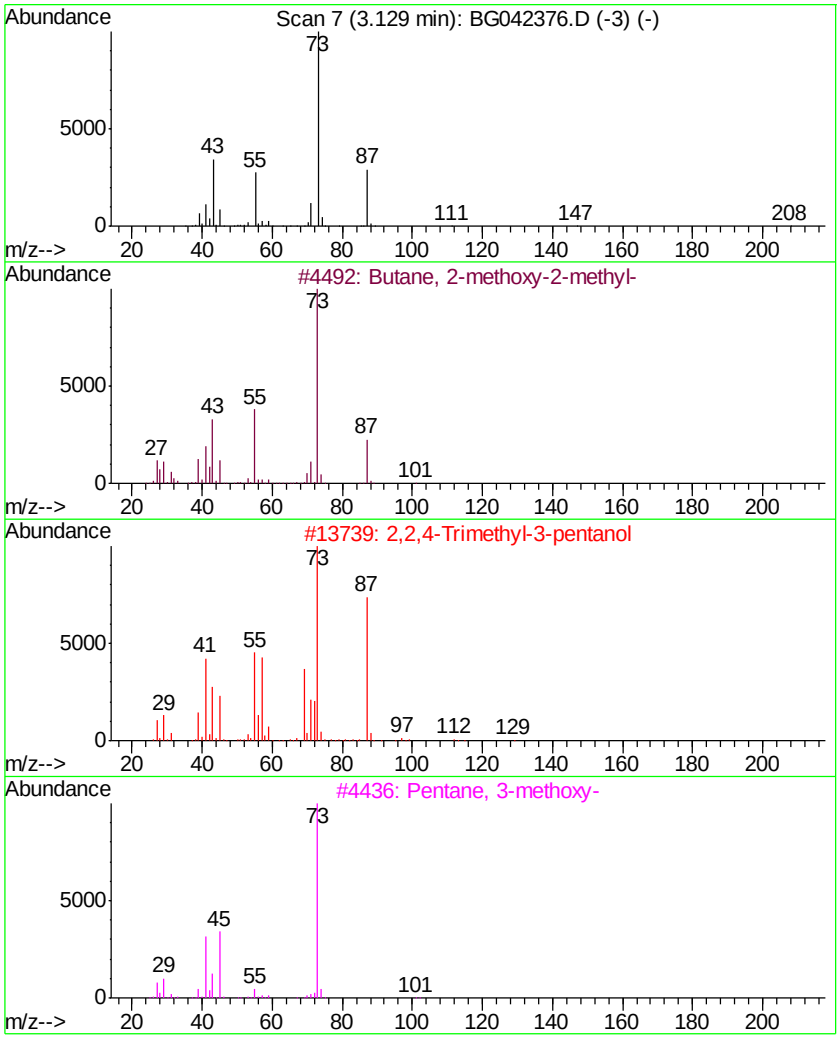
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

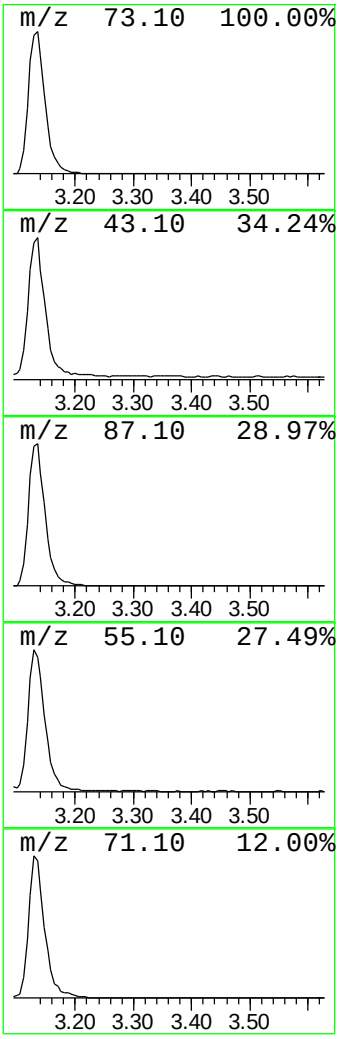
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.13	43.55 ng	812646	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	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





Library Search Compound Report

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Operator : HP/JU
Sample : K4389-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : T4-F-(0-2)

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

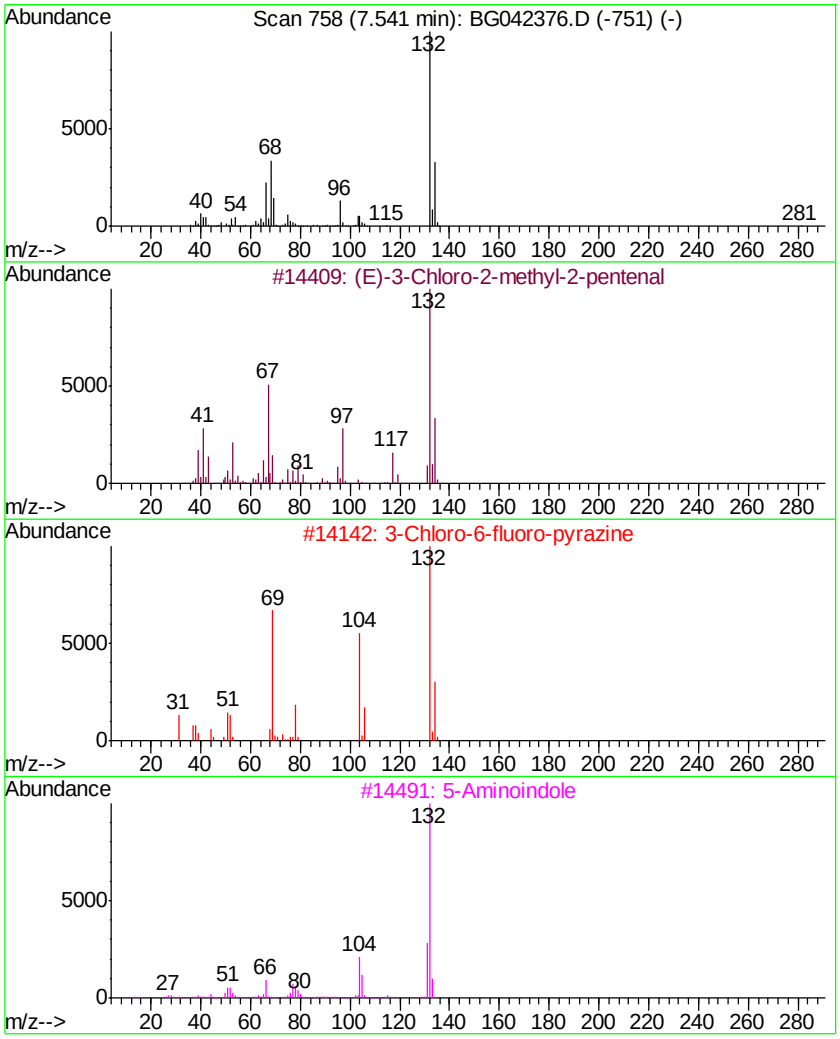
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

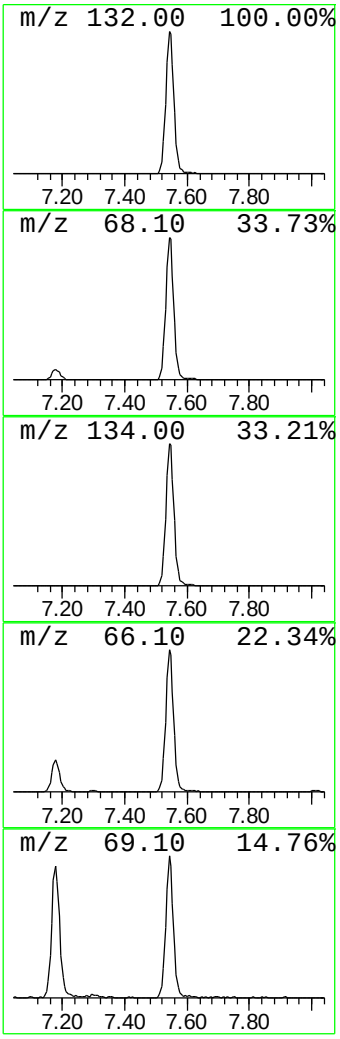
****

Peak Number 2 unknown7.54 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.54	59.10 ng	1102890	1,4-Dichlorobenzene-d4	8.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	35
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	25
3	5-Aminoindole	132	C8H8N2	005192-03-0	22
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082019\
Data File : BG042376.D
Acq On : 21 Aug 2019 3:00
Operator : HP/JU
Sample : K4389-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : T4-F-(0-2)

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

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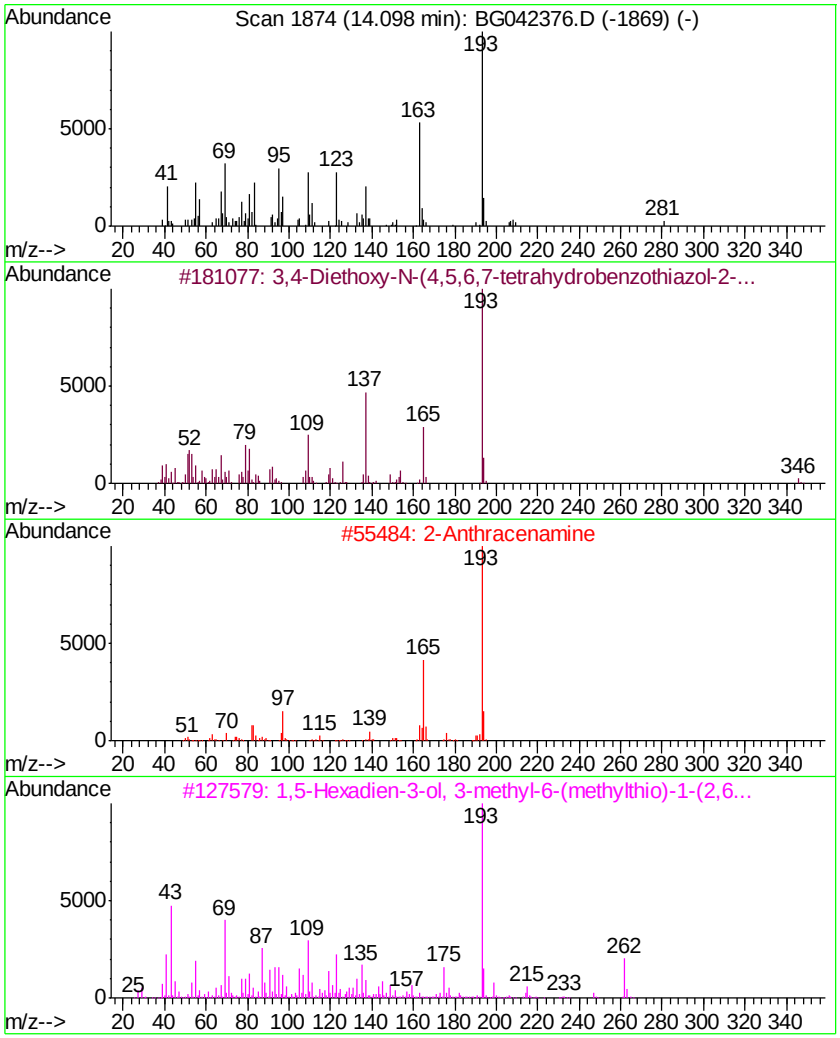
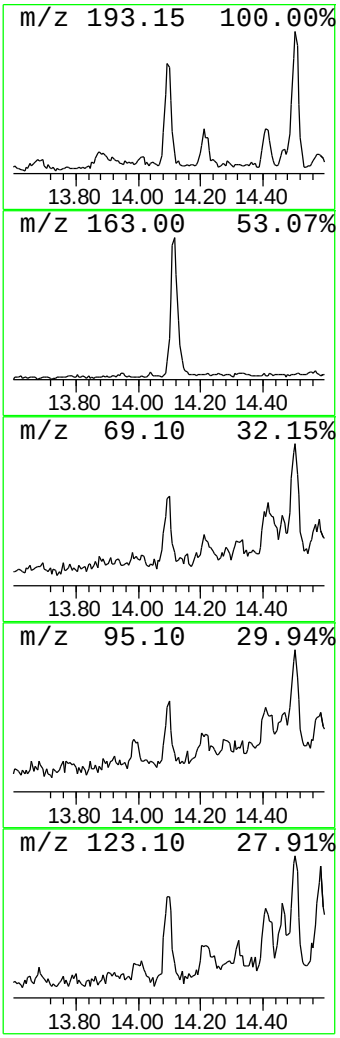
Peak Number 4 unknown14.10 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.10	2.85 ng	123548	Acenaphthene-d10	14.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4-Diethoxy-N-(4,5,6,7-tetrahyd...	346	C18H22N2O3S	1000311-37-1	38
2	2-Anthracenamine	193	C14H11N	000613-13-8	38
3	1,5-Hexadien-3-ol, 3-methyl-6-(m...	280	C17H28OS	097369-78-3	38
4	9-Phenanthrenamine	193	C14H11N	000947-73-9	35
5	2-Diethylamino-4-phenylthiooct-2...	302	C18H26N2S	1000090-57-0	32





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Operator : HP/JU
Sample : K4389-05
Misc :
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Instrument : BNA_G
ClientSampleId : T4-F-(0-2)

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

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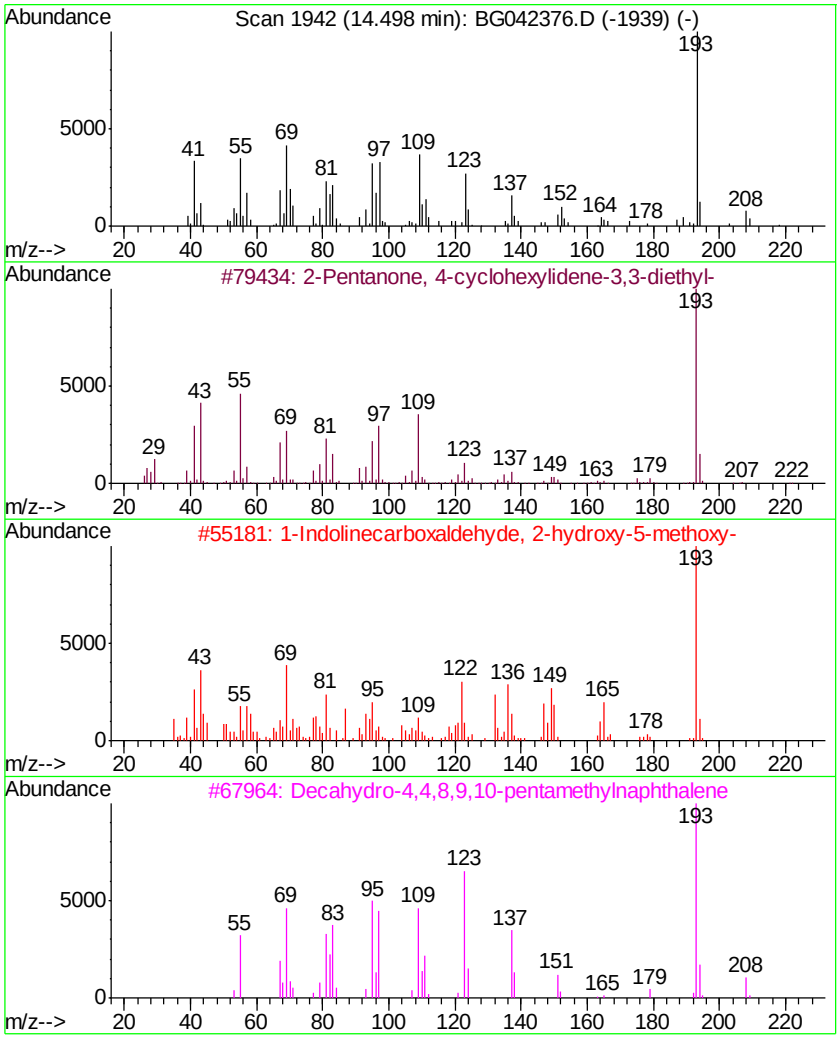
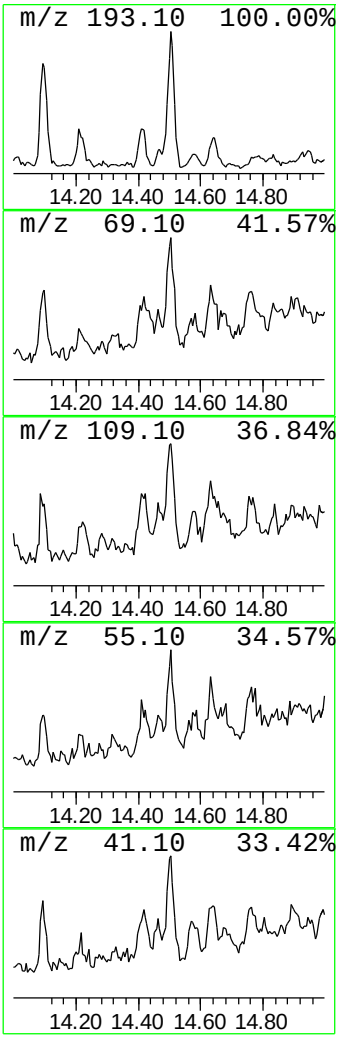
****

Peak Number 5 2-Pentanone, 4-cyclohexylid... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.50	2.74 ng	118566	Acenaphthene-d10	14.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-cyclohexylidene-3...	222	C15H26O	313253-65-5	53
2	1-Indolinecarboxaldehyde, 2-hydr...	193	C10H11NO3	013303-70-3	50
3	Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	49
4	1-(2-Hydroxyethyl)-1,2,5,5-tetra...	238	C16H30O	1000298-97-4	40
5	2-Amino-4-ethylthiomethyl-6-pipe...	253	C11H19N5S	022362-22-7	38





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Acq On : 21 Aug 2019 3:00
Operator : HP/JU
Sample : K4389-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : T4-F-(0-2)

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

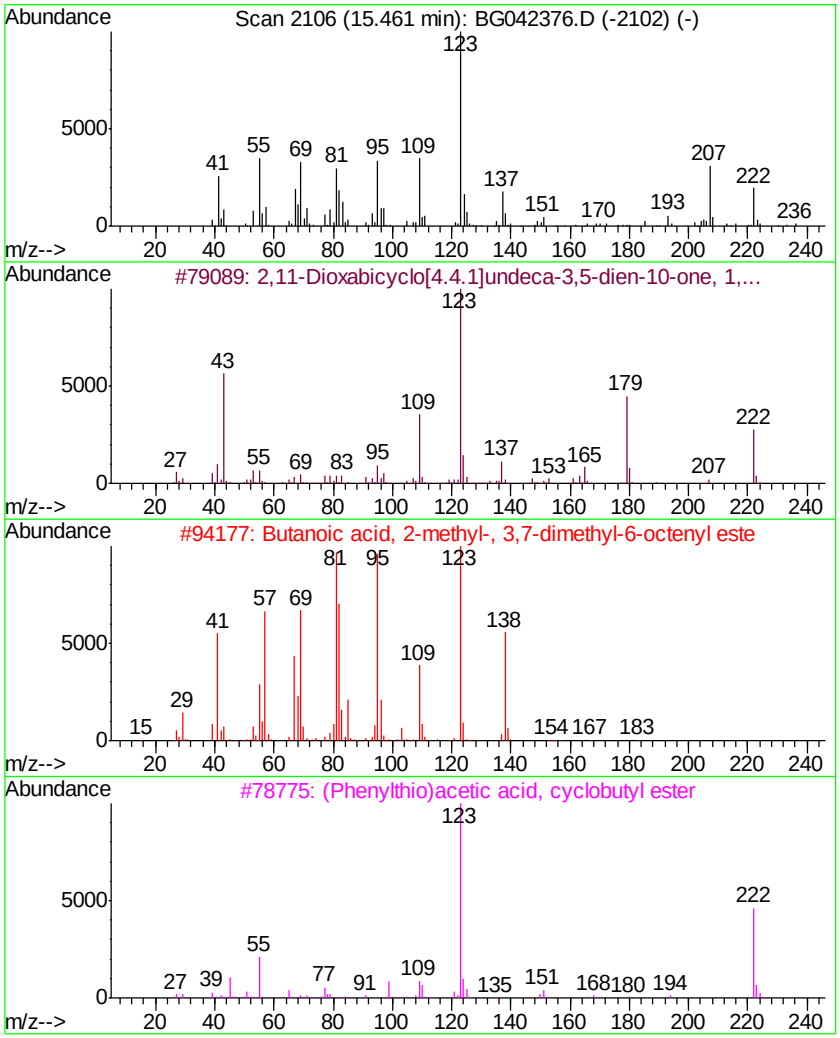
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

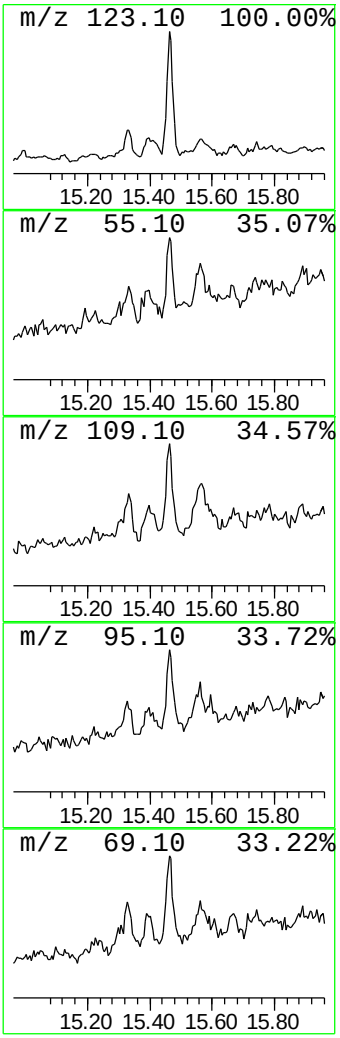
****

Peak Number 6 2,11-Dioxabicyclo[4.4.1]und... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.46	3.69 ng	159741	Acenaphthene-d10	14.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,11-Dioxabicyclo[4.4.1]undeca-3...	222	C13H18O3	070412-52-1	64
2	Butanoic acid, 2-methyl-, 3,7-di...	240	C15H28O2	085409-36-5	50
3	(Phenylthio)acetic acid, cyclobu...	222	C12H14O2S	1000299-95-5	49
4	Bicyclo[4.1.0]heptane-7-carboxam...	222	C11H14N2OS	329912-72-3	47
5	3-Fluorobenzoic acid, 4-pentadec...	350	C22H35FO2	1000280-60-9	47





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	3.13	43.5	ng	812646	1	8.01	373209	20.0
unknown7.54	7.54	59.1	ng	1102890	1	8.01	373209	20.0
unknown14.10	14.10	2.9	ng	123548	3	14.67	866602	20.0
2-Pentanone, 4-cy...	14.50	2.7	ng	118566	3	14.67	866602	20.0
2,11-Dioxabicyclo...	15.46	3.7	ng	159741	3	14.67	866602	20.0