LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111819\
Data File : BG043688.D
Acq On : 19 Nov 2019 00:49
Operator : JU
Sample : K5833-08
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 7-(12-14)

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-BG102119.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	3.155	6	11	22	rVB	59281	99289	5.04%	1.039%
2	5.094	336	341	350	rBV	69684	112155	5.69%	1.173%
3	5.588	418	425	440	rBV	323585	576352	29.24%	6.030%
4	7.186	690	697	711	rBV	336998	678922	34.44%	7.103%
5	7.538	745	757	775	rBV	360592	660999	33.53%	6.915%
6	7.991	827	834	843	rBV	94029	162836	8.26%	1.704%
7	8.314	882	889	902	rBV	288248	521723	26.46%	5.458%
8	9.154	1025	1032	1043	rBV	165361	362266	18.38%	3.790%
9	10.799	1305	1312	1321	rBV	88270	192802	9.78%	2.017%
10	13.243	1721	1728	1743	rBV	603148	1029127	52.20%	10.767%
11	14.078	1863	1870	1886	rBV	40197	84052	4.26%	0.879%
12	14.624	1956	1963	1976	rBV	194694	326937	16.58%	3.420%
13	16.116	2208	2217	2232	rBV	505767	897926	45.55%	9.394%
14	17.368	2423	2430	2443	rBV	226402	435950	22.11%	4.561%
15	18.267	2577	2583	2588	rBV5	11604	22675	1.15%	0.237%
16	19.424	2773	2780	2786	rBV2	33768	60805	3.08%	0.636%
17	19.747	2832	2835	2838	rBV4	17585	22839	1.16%	0.239%
18	19.789	2838	2842	2848	rVB	28173	47861	2.43%	0.501%
19	19.983	2866	2875	2889	rBV	1385533	1971412	100.00%	20.625%
20	20.276	2922	2925	2929	rBV4	19619	21375	1.08%	0.224%
21	21.634	3149	3156	3163	rBV	320188	600408	30.46%	6.281%
22	22.785	3348	3352	3358	rVB9	22707	35958	1.82%	0.376%
23	23.285	3434	3437	3444	rVB6	25185	33477	1.70%	0.350%
24	24.812	3688	3697	3711	rBV2	206160	600288	30.45%	6.280%

Sum of corrected areas: 9558434

LSC Report - Integrated Chromatogram

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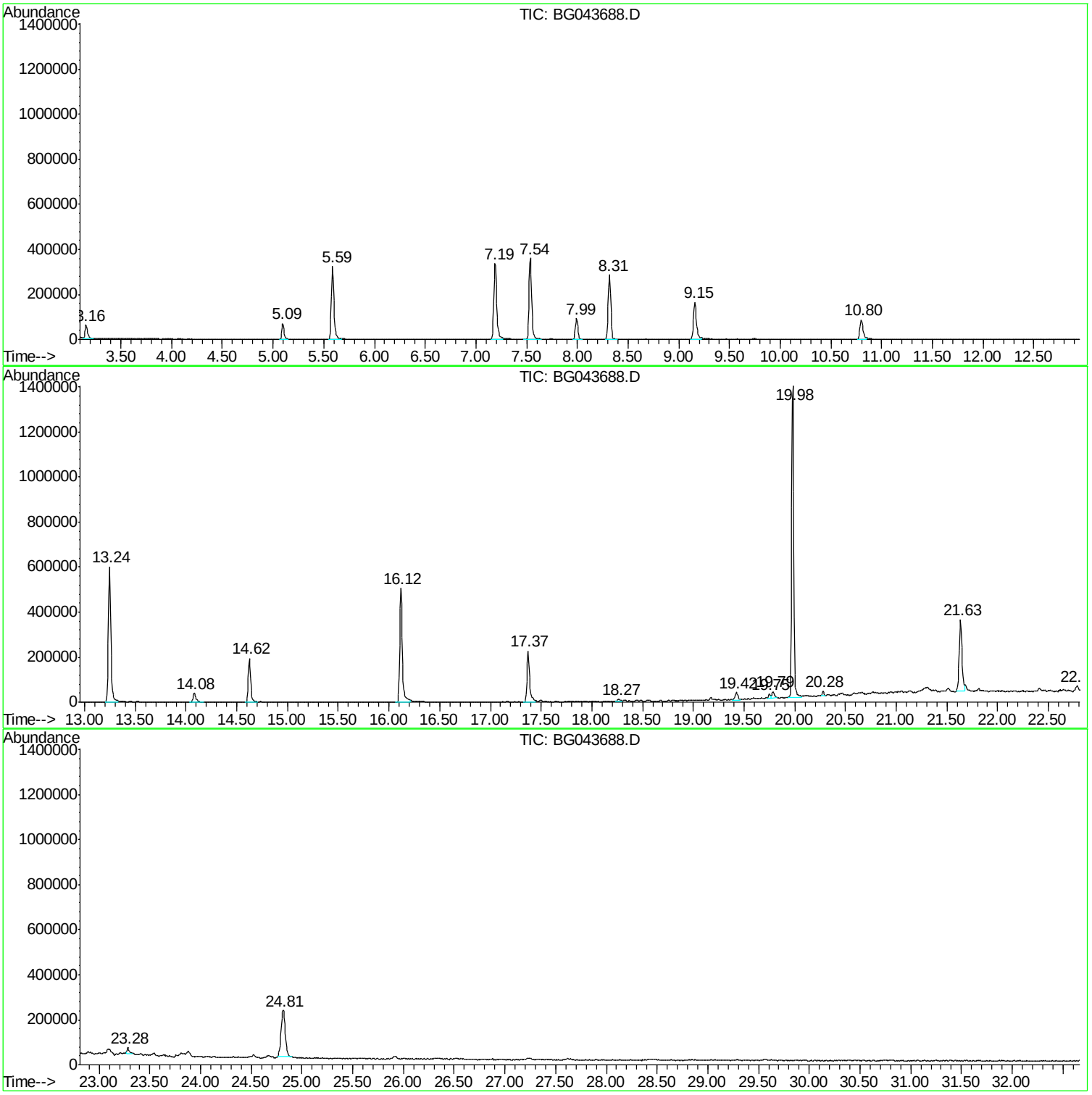
Instrument :
BNA_G
ClientSampleId :
7-(12-14)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.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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Data File : BG043688.D
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Sample : K5833-08
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 7-(12-14)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

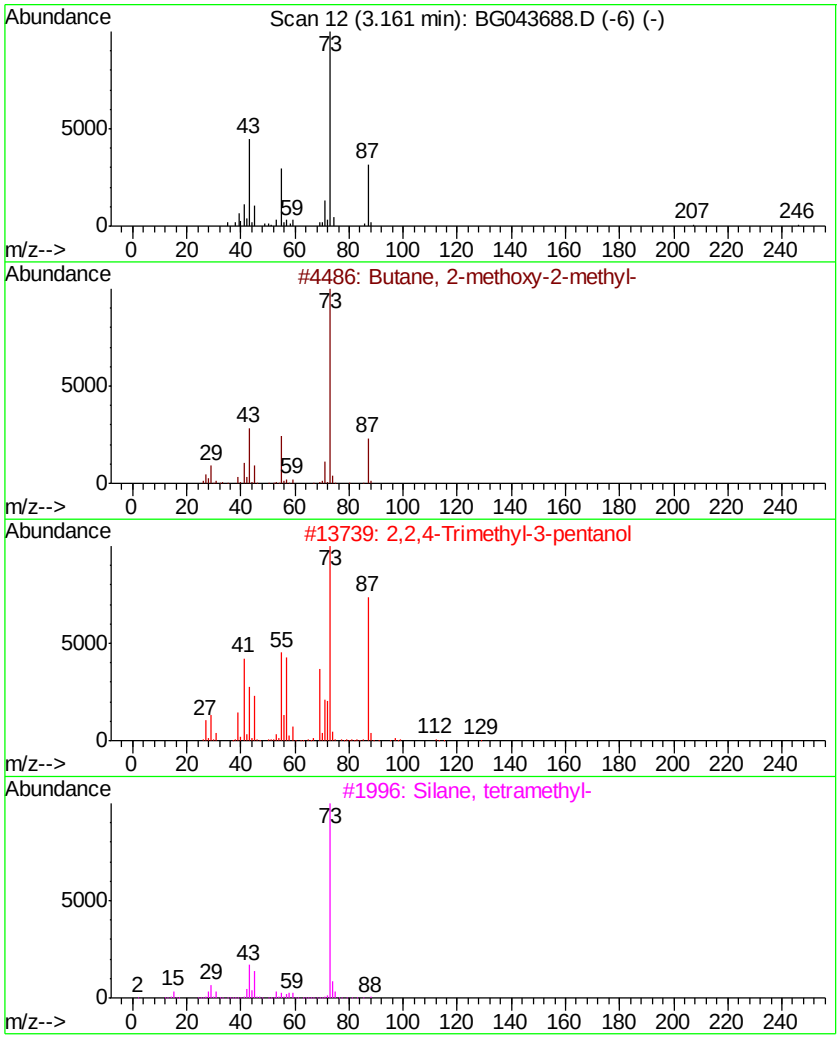
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

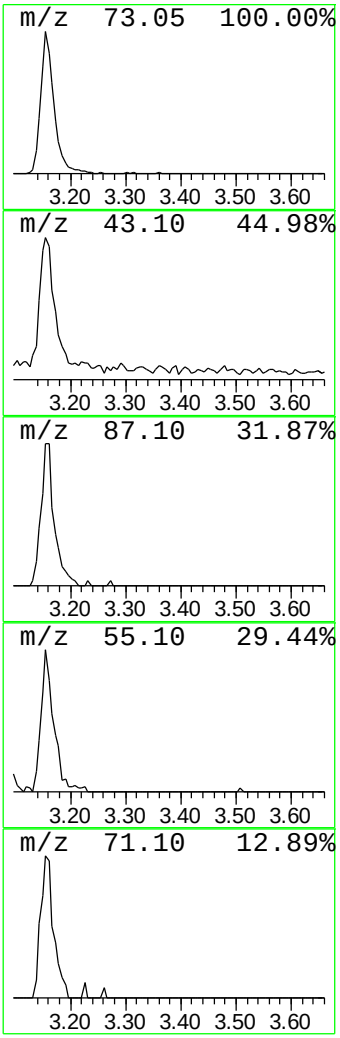
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.16	12.20 ng	99289	1,4-Dichlorobenzene-d4	7.99

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	40
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	23
4	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	23
5	1-Propene-1-thiol	74	C3H6S	000925-89-3	17





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ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 7-(12-14)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.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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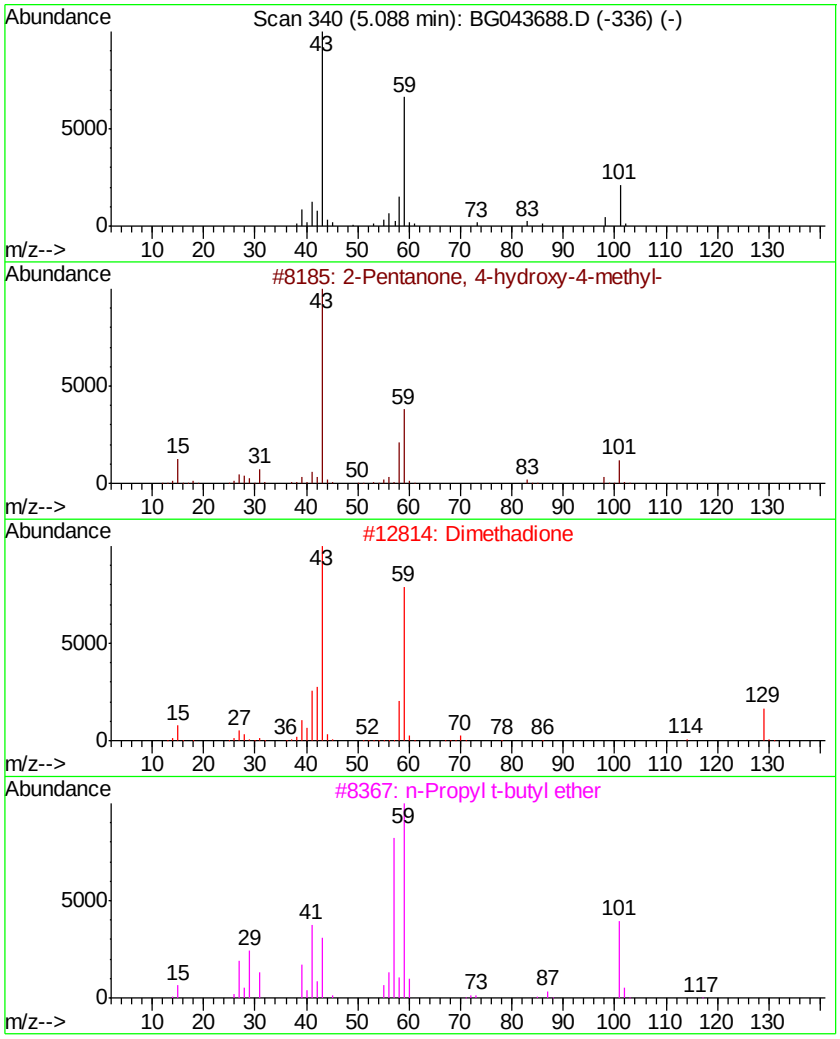
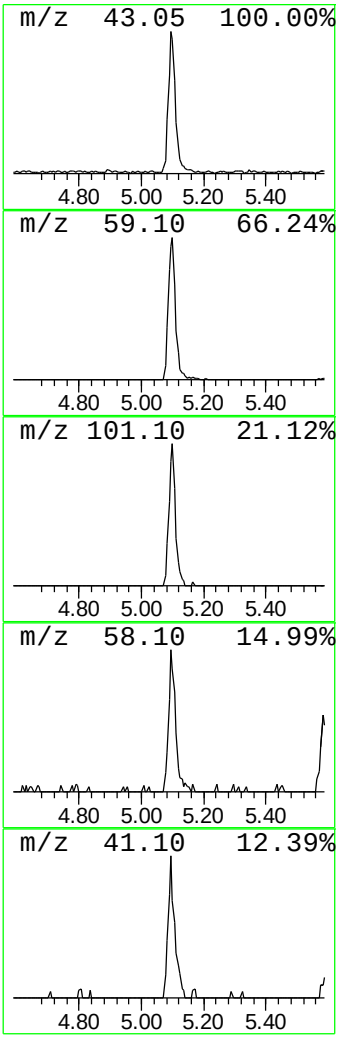
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.09	13.78 ng	112155	1,4-Dichlorobenzene-d4	7.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2	Dimethadione	129	C5H7NO3	000695-53-4	40
3	n-Propyl t-butyl ether	116	C7H16O	1000334-81-9	36
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	32
5	Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	25





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Operator : JU
Sample : K5833-08
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 7-(12-14)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.M
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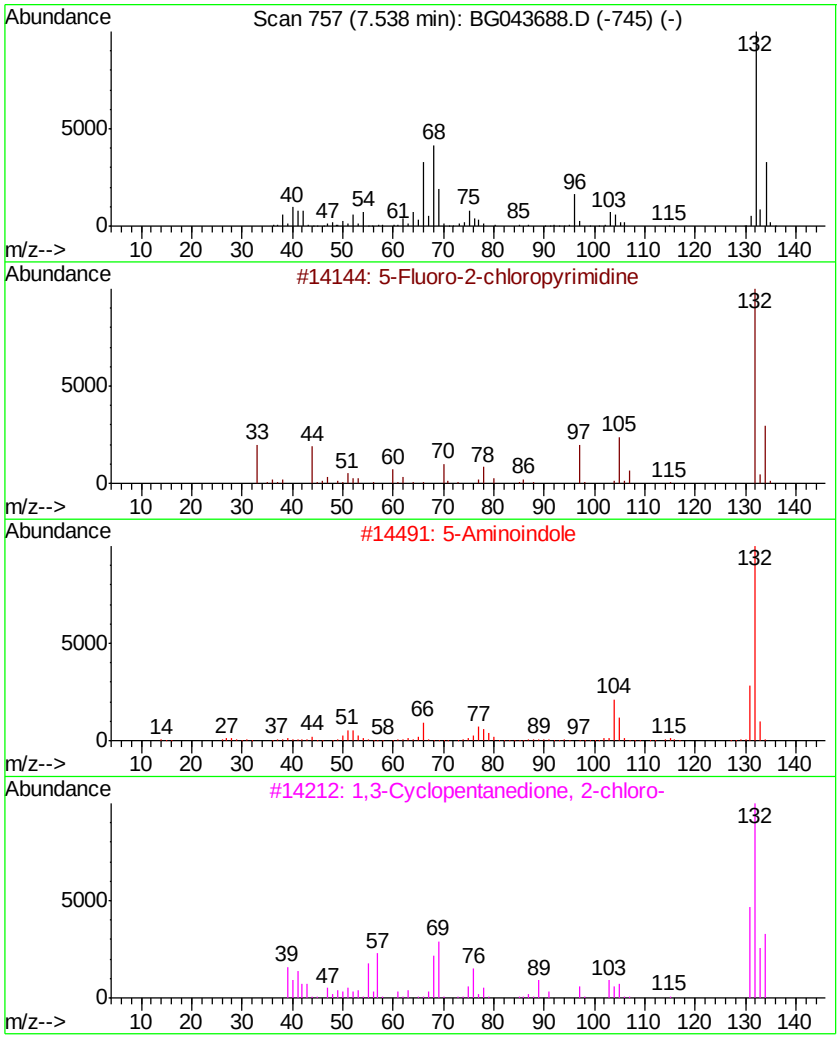
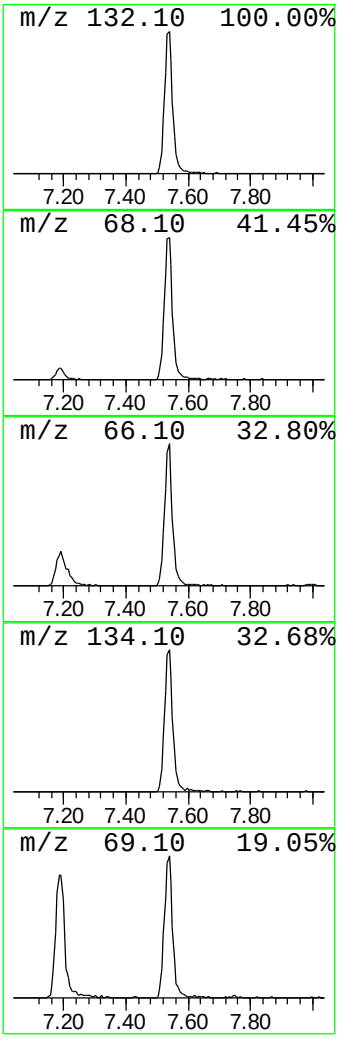
Peak Number 3 unknown7.54 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.54	81.19 ng	660999	1,4-Dichlorobenzene-d4	7.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	27
2	5-Aminoindole	132	C8H8N2	005192-03-0	27
3	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	25
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16





Library Search Compound Report

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Instrument : BNA_G
ClientSampleId : 7-(12-14)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

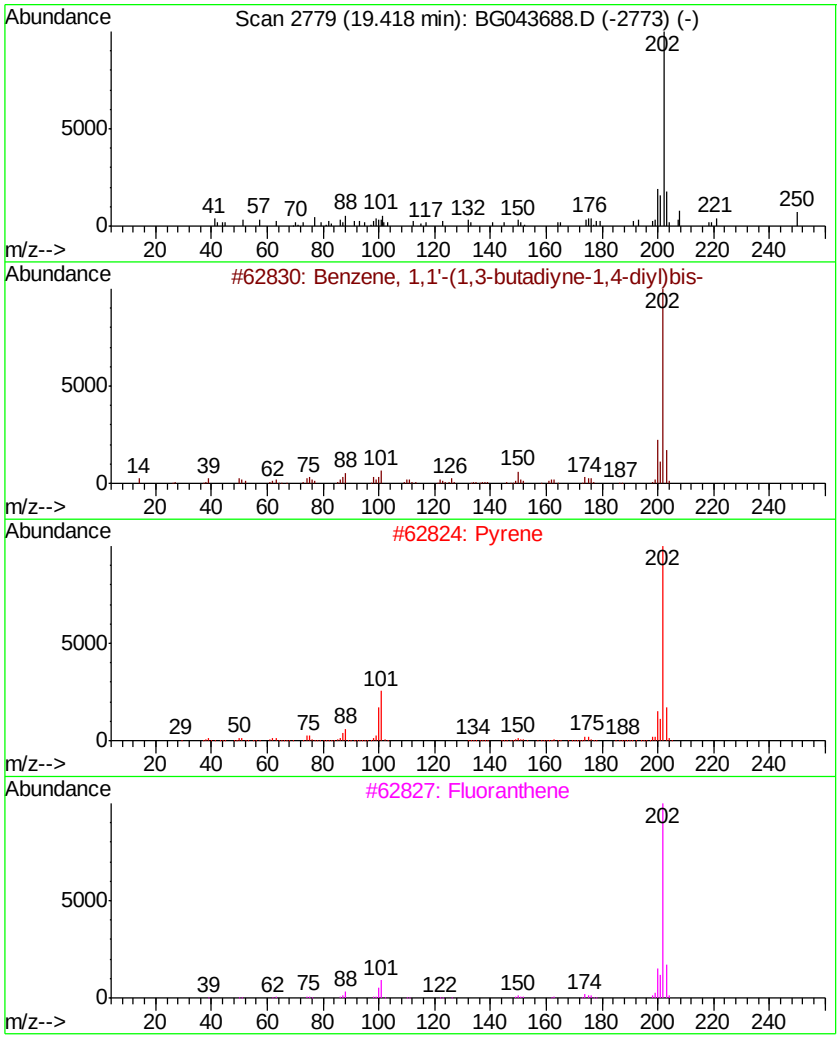
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

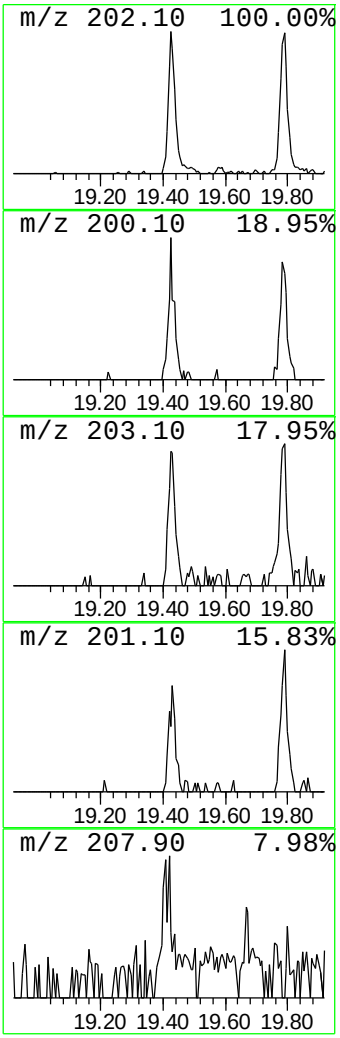
****

Peak Number 5 Benzene, 1,1'-(1,3-butadiyn... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.42	2.79 ng	60805	Phenanthrene-d10	17.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,1'-(1,3-butadiyne-1,4...	202	C16H10	000886-66-8	58
2	Pyrene	202	C16H10	000129-00-0	58
3	Fluoranthene	202	C16H10	000206-44-0	53
4	1H-Indole-3-propanoic acid, 1-(t...	275	C15H21NO2Si	056196-72-6	45
5	Anthracene, 9-(2-nitroethenyl)-	249	C16H11NO2	058349-77-2	36





Tentatively Identified Compound (LSC) summary

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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...	3.16	12.2	ng	99289	1	7.99	162836	20.0
2-Pentanone, 4-hy...	5.09	13.8	ng	112155	1	7.99	162836	20.0
unknown7.54	7.54	81.2	ng	660999	1	7.99	162836	20.0
Benzene, 1,1'-(1,...	19.42	2.8	ng	60805	4	17.37	435950	20.0