LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090618\
Data File : BG036576.D
Acq On : 6 Sep 2018 19:28
Operator : JU/SJ
Sample : J4803-20
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EP1-Q2-J7

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-BG082318.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	5.158	314	318	327	rBV	29577	47312	1.46%	0.247%
2	5.622	389	397	410	rBV	716639	1167732	35.92%	6.097%
3	7.209	660	667	682	rBV	807024	1378936	42.42%	7.199%
4	7.585	723	731	739	rBV	711735	1228813	37.80%	6.416%
5	8.061	804	812	818	rBV	218185	371701	11.43%	1.941%
6	8.378	859	866	874	rVB	506326	883557	27.18%	4.613%
7	9.218	1001	1009	1021	rBV	462001	814161	25.05%	4.251%
8	10.863	1281	1289	1297	rBV	324626	587253	18.07%	3.066%
9	13.308	1697	1705	1716	rBV	1325985	2104238	64.73%	10.986%
10	14.130	1838	1845	1856	rBV	365385	534260	16.44%	2.789%
11	14.682	1932	1939	1948	rVB2	551379	902136	27.75%	4.710%
12	16.163	2184	2191	2210	rBV	1062368	1614433	49.66%	8.429%
13	17.420	2399	2405	2417	rBV2	755480	1177284	36.22%	6.146%
14	18.308	2551	2556	2566	rBV3	50554	81702	2.51%	0.427%
15	20.029	2843	2849	2860	rBV	2517240	3250650	100.00%	16.971%
16	21.345	3069	3073	3077	rBV5	21696	43151	1.33%	0.225%
17	21.686	3124	3131	3143	rBV	794473	1308339	40.25%	6.831%
18	23.167	3376	3383	3394	rBV8	37010	124838	3.84%	0.652%
19	23.378	3415	3419	3425	rVB3	21463	40528	1.25%	0.212%
20	23.995	3519	3524	3532	rVB6	23228	49410	1.52%	0.258%
21	24.900	3667	3678	3699	rBV2	396743	1275472	39.24%	6.659%
22	26.081	3871	3879	3885	rBV5	27494	68893	2.12%	0.360%
23	27.432	4099	4109	4118	rBV5	27810	98945	3.04%	0.517%

Sum of corrected areas: 19153744

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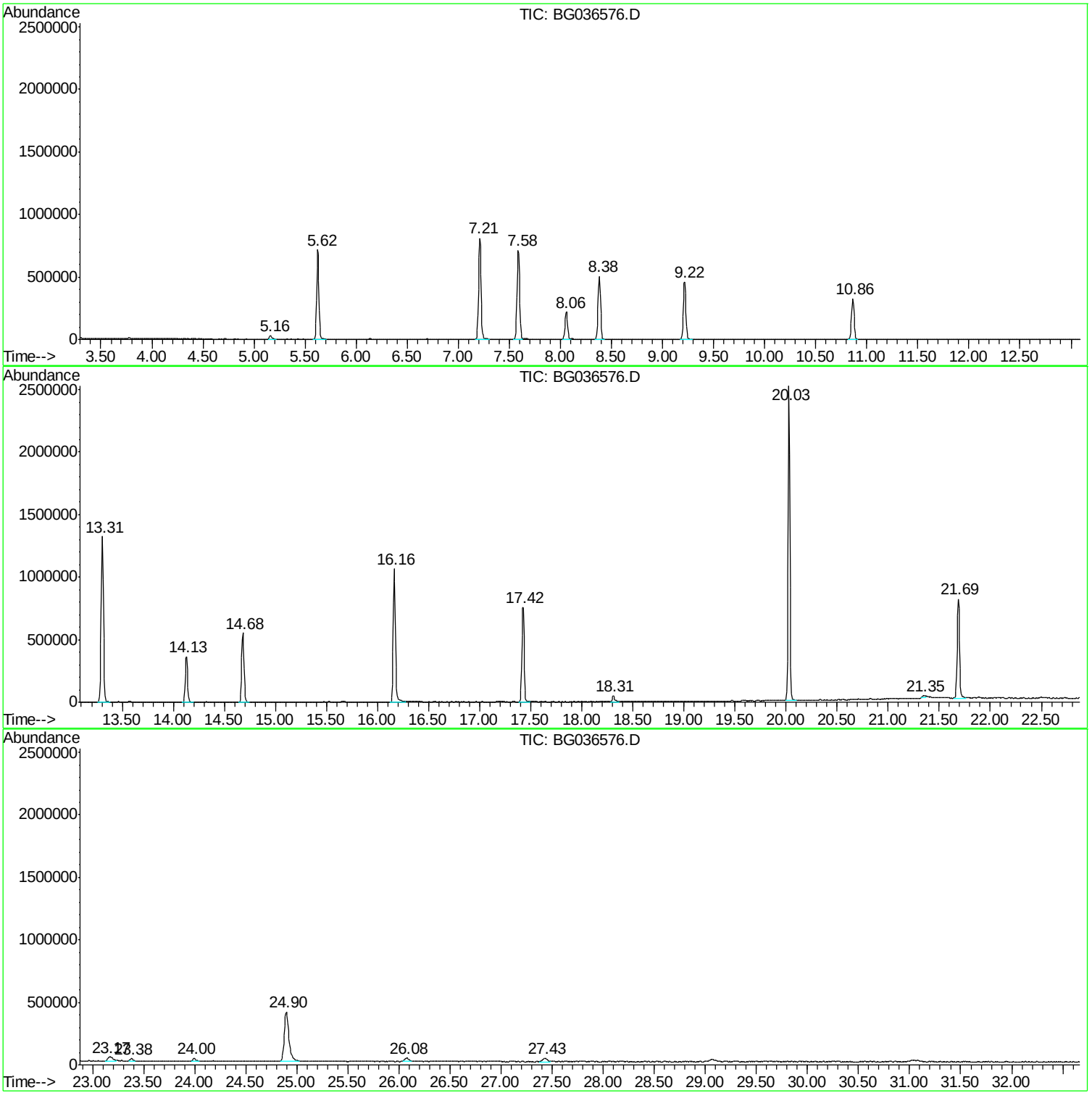
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG082318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

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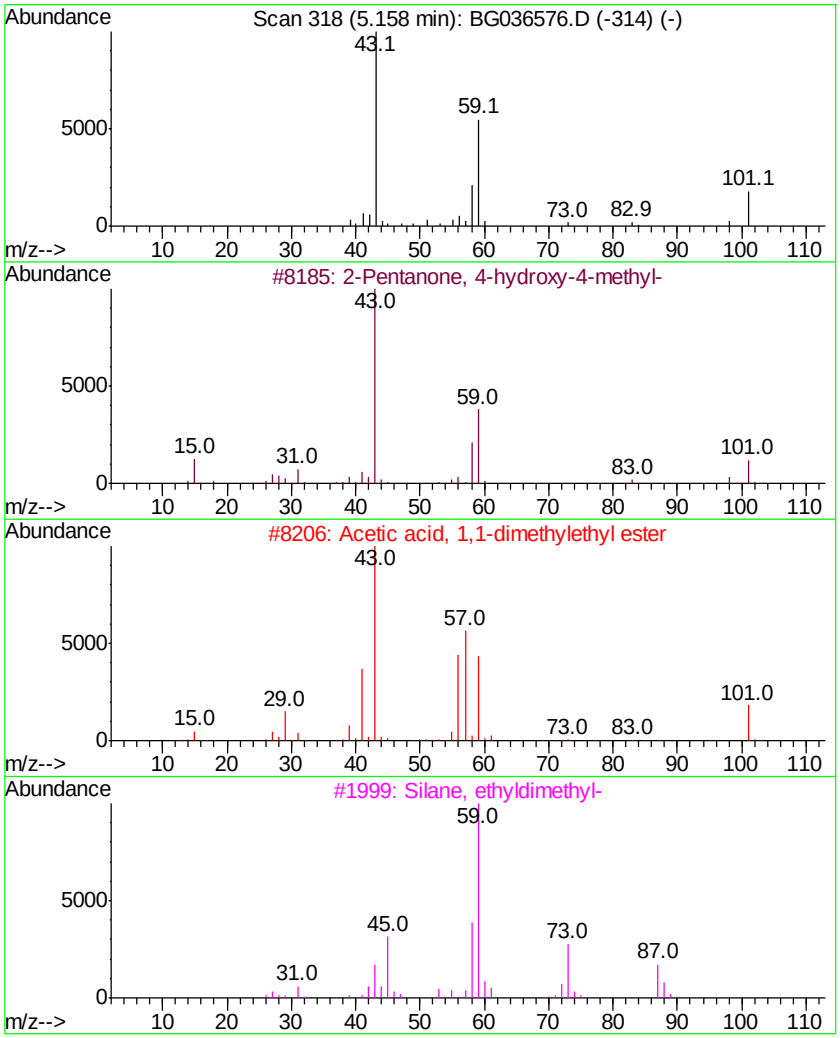
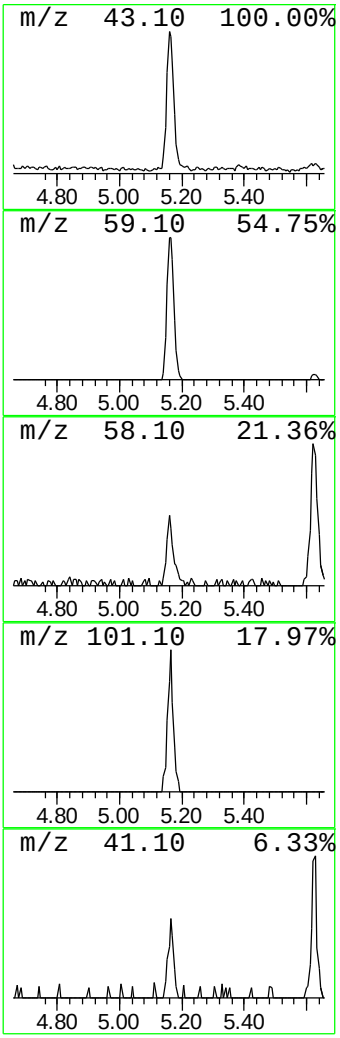
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.16	2.55 ng	47312	1,4-Dichlorobenzene-d4	8.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	36
3	Silane, ethyldimethyl-	88	C4H12Si	000758-21-4	25
4	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	23
5	Acetone	58	C3H6O	000067-64-1	22





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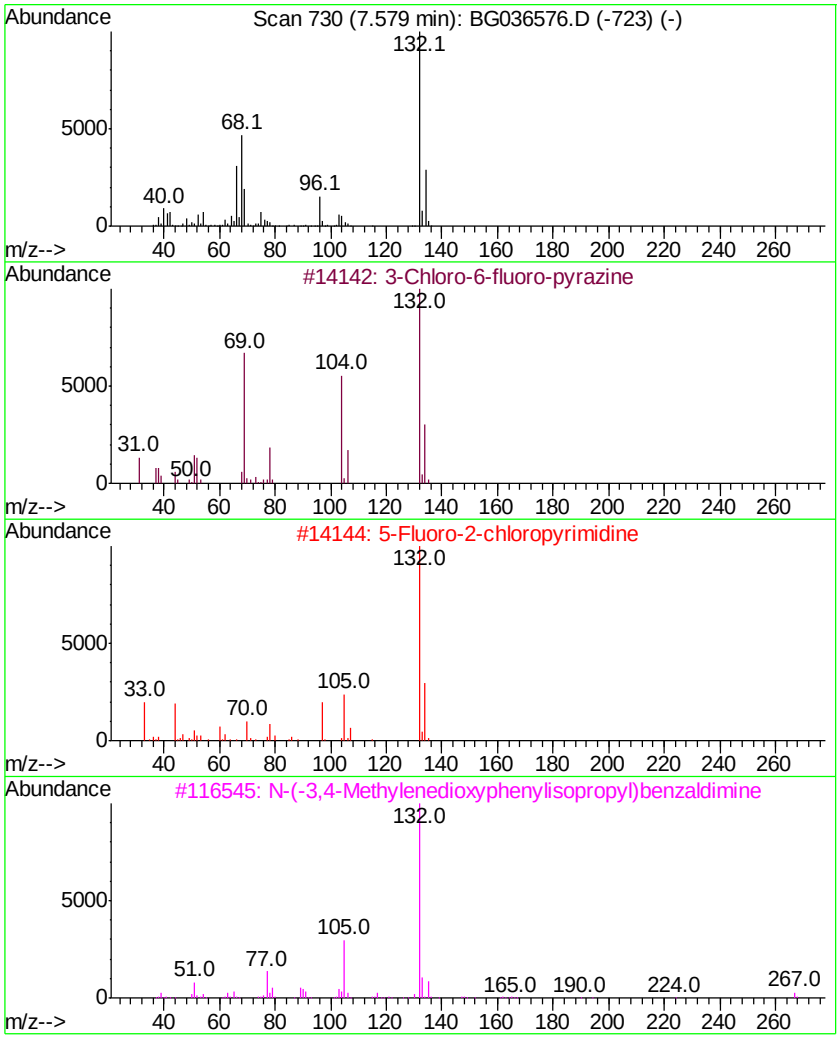
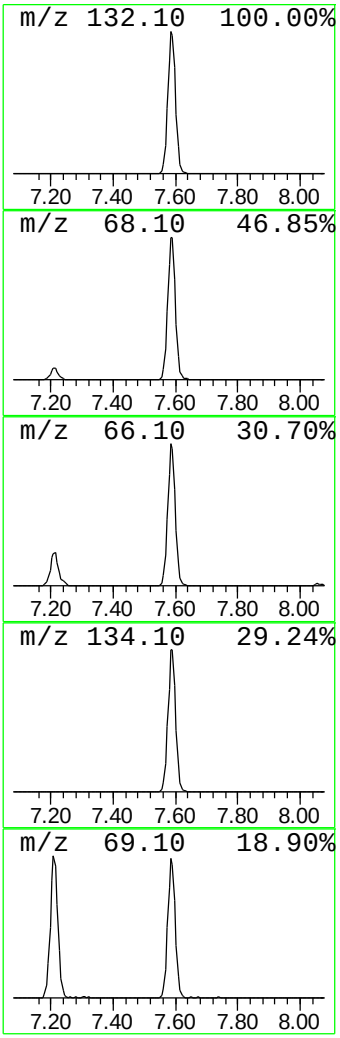
Peak Number 2 unknown7.58 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.58	66.12 ng	1228810	1,4-Dichlorobenzene-d4	8.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	27
3	N-(-3,4-Methylenedioxyphenylisop...	267	C17H17NO2	1000378-96-6	10
4	(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	10
5	Xenon	132	Xe	007440-63-3	9





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.16	2.5	ng	47312	1	8.06	371701	20.0
unknown7.58	7.58	66.1	ng	1228810	1	8.06	371701	20.0