

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031518\
 Data File : BG033185.D
 Acq On : 15 Mar 2018 20:24
 Operator : SJ/JU
 Sample : J1913-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0
 Filtering: 5
 Min Area: 1 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022118.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	3.502	30	36	49	rVB	76182	166818	5.47%	1.159%
2	3.614	50	55	60	rVB	66355	97283	3.19%	0.676%
3	5.805	420	428	438	rBV	83985	143506	4.71%	0.997%
4	6.316	508	515	536	rBV	518537	1027917	33.70%	7.141%
5	8.002	792	802	827	rBV	473438	1017437	33.36%	7.069%
6	8.407	862	871	888	rBV	565509	1178940	38.66%	8.191%
7	8.895	944	954	965	rBV	87200	181068	5.94%	1.258%
8	9.230	1003	1011	1030	rBV	449112	899653	29.50%	6.250%
9	10.099	1150	1159	1179	rBV	363660	769143	25.22%	5.344%
10	11.785	1437	1446	1451	rBV	125835	264852	8.68%	1.840%
11	11.832	1451	1454	1464	rVB2	37515	73800	2.42%	0.513%
12	14.141	1840	1847	1862	rBV	1029024	1717740	56.32%	11.934%
13	15.515	2073	2081	2088	rBV2	212754	367873	12.06%	2.556%
14	16.984	2324	2331	2345	rBV	961407	1617618	53.04%	11.238%
15	17.883	2478	2484	2489	rBV2	52763	95090	3.12%	0.661%
16	18.247	2536	2546	2552	rBV	316305	528402	17.33%	3.671%
17	20.761	2968	2974	2983	rBV	2221559	3049806	100.00%	21.189%
18	22.600	3280	3287	3299	rVB	324442	598938	19.64%	4.161%
19	26.401	3923	3934	3950	rVB2	184046	597743	19.60%	4.153%

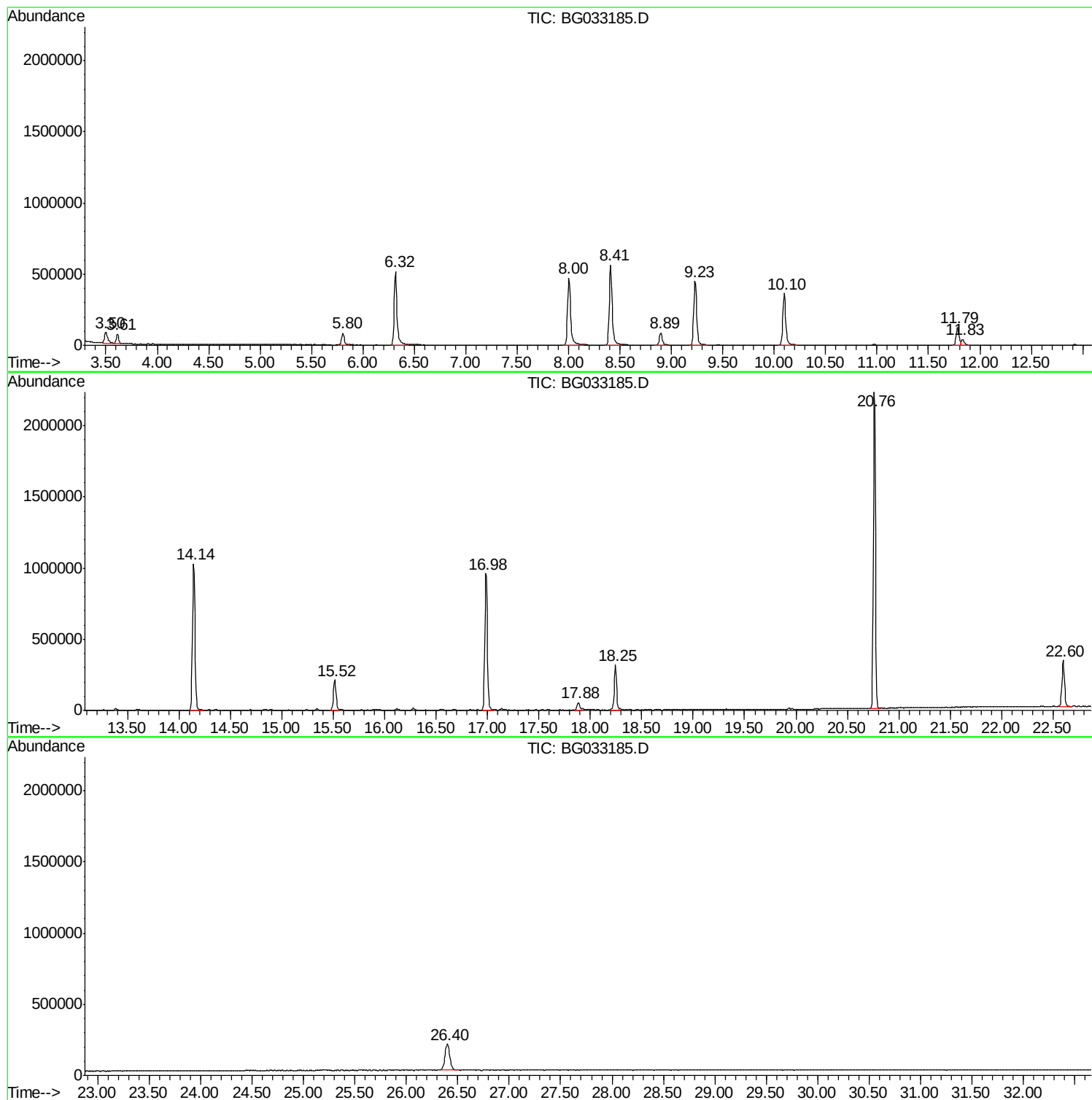
Sum of corrected areas: 14393627

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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 1 Cyclohexane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
3.50	18.43 ng	166818	1,4-Dichlorobenzene-d4	8.89	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane	84	C6H12	000110-82-7	91
2	Pyridine-D5-	84	C5D5N	007291-22-7	64
3	Cyclopentane, methyl-	84	C6H12	000096-37-7	50
4	Cyclobutane	56	C4H8	000287-23-0	46
5	Cyclobutane, ethyl-	84	C6H12	004806-61-5	40

 Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
3.61	10.75 ng	97283	1,4-Dichlorobenzene-d4	8.89	
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	32
4	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	25
5	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	25

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

R.T.	EstConc	Area	Relative to ISTD	R.T.	
5.80	15.85 ng	143506	1,4-Dichlorobenzene-d4	8.89	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	50
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
4	4-Penten-2-one, 4-methyl-	98	C6H10O	003744-02-3	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9

 Peak Number 4 3-Chloro-6-fluoro-pyrazine Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
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8.41	130.22 ng	1178940	1,4-Dichlorobenzene-d4	8.89	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3	(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	10
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9

Peak Number 5 1,4-Dichlorobenzene-D4 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.		
9.23	99.37 ng	899653	1,4-Dichlorobenzene-d4		8.89		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,4-Dichlorobenzene-D4	150	C6D4Cl2	003855-82-1	97
2			1,2-Dichlorobenzene-D4	150	C6D4Cl2	002199-69-1	97
3			2-Bromo-2'-nitroacetophenone	243	C8H6BrNO3	006851-99-6	22
4			2-Cyclohexene-1,4-dione, 5,6-dic...	398	C17H16Cl2N2O5	324051-66-3	14
5			2,5-Cyclohexadiene-1,4-dione, 3-...	362	C17H15ClN2O5	313480-08-9	14

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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Cyclohexane	3.50	18.4	ng	166818	1	8.89	181068	20.0
Butane, 2-methoxy...	3.61	10.7	ng	97283	1	8.89	181068	20.0
2-Pentanone, 4-hy...	5.80	15.9	ng	143506	1	8.89	181068	20.0
3-Chloro-6-fluoro...	8.41	130.2	ng	1178940	1	8.89	181068	20.0
1,4-Dichlorobenze...	9.23	99.4	ng	899653	1	8.89	181068	20.0