LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG030218\
Data File : BG032951.D
Acq On : 2 Mar 2018 18:32
Operator : SJ/JU
Sample : J1774-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CLEAN-SAND-17

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:\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	3.516	33	39	49	rBV	52260	116544	3.11%	0.521%
2	3.610	50	55	64	rVB	79160	132796	3.54%	0.594%
3	5.825	426	432	441	rVB	35497	59762	1.59%	0.267%
4	6.330	510	518	529	rBV	1097490	1899155	50.67%	8.491%
5	8.010	796	804	818	rBV	1091212	2143551	57.19%	9.584%
6	8.427	867	875	884	rBV	1082911	1985953	52.98%	8.880%
7	8.915	951	958	968	rVB	190139	348720	9.30%	1.559%
8	9.256	1008	1016	1028	rBV	798079	1467943	39.16%	6.563%
9	10.113	1154	1162	1171	rBV	630657	1233690	32.91%	5.516%
10	11.805	1439	1450	1457	rBV	279142	522089	13.93%	2.334%
11	14.161	1842	1851	1860	rBV	1705791	2718629	72.53%	12.155%
12	14.948	1979	1985	1991	rBV	163194	249063	6.64%	1.114%
13	15.529	2077	2084	2094	rVB2	410677	710088	18.94%	3.175%
14	16.305	2211	2216	2220	rVB	38345	50621	1.35%	0.226%
15	16.857	2303	2310	2317	rVB	147234	218677	5.83%	0.978%
16	16.998	2327	2334	2351	rBV	1248878	2020247	53.90%	9.033%
17	17.157	2356	2361	2372	rVB	38708	68115	1.82%	0.305%
18	18.261	2541	2549	2557	rBV2	547553	874717	23.34%	3.911%
19	19.060	2680	2685	2693	rBV4	21865	46206	1.23%	0.207%
20	20.775	2971	2977	2988	rBV	2646318	3748322	100.00%	16.759%
21	22.614	3282	3290	3299	rBV2	472973	903179	24.10%	4.038%
22	26.421	3926	3938	3959	rBV2	229131	847408	22.61%	3.789%

Sum of corrected areas: 22365475

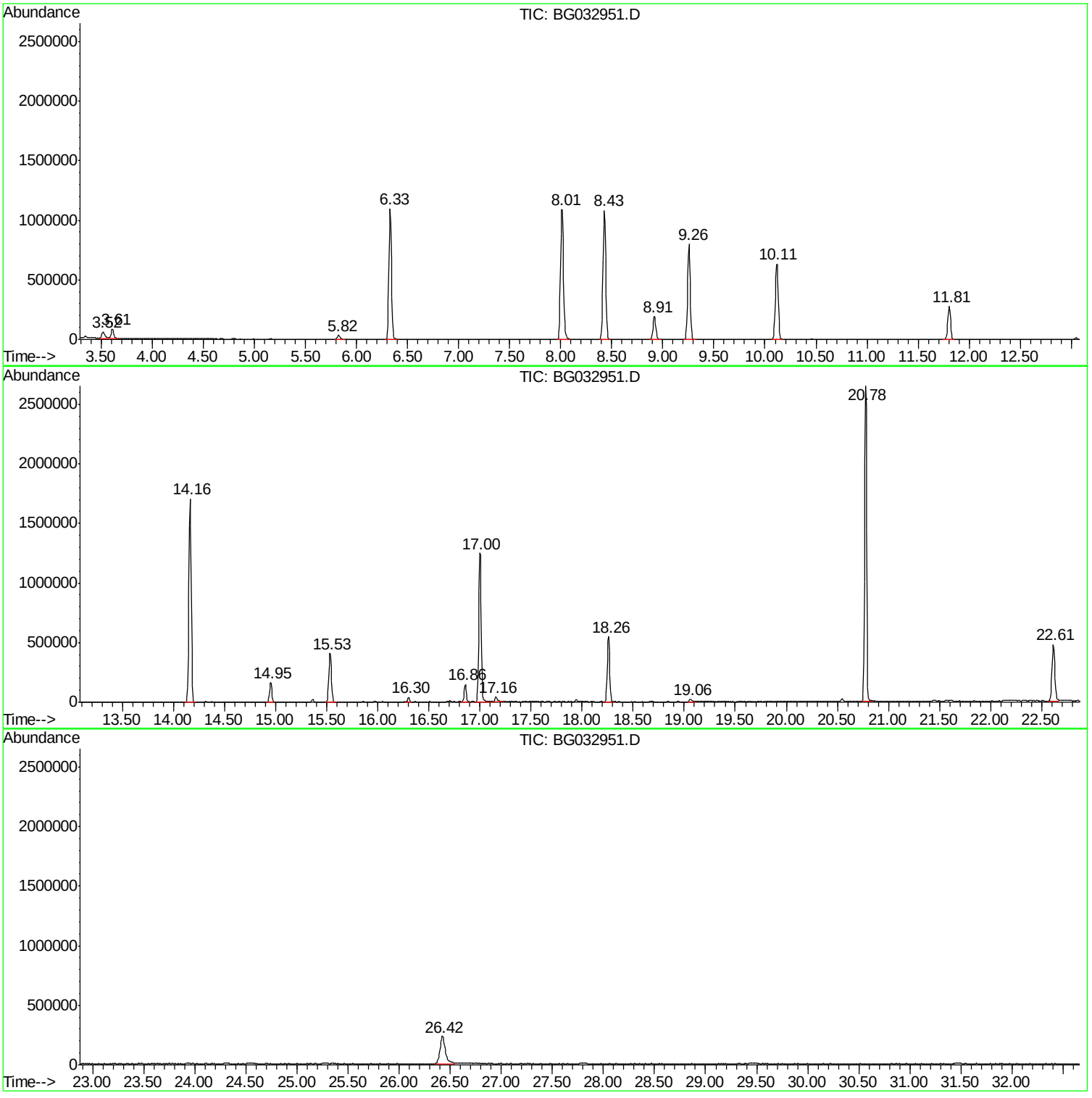
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA G\DATA\BG030218\
Data File : BG032951.D
Acq On : 2 Mar 2018 18:32
Operator : SJ/JU
Sample : J1774-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CLEAN-SAND-17

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA G\DATA\BG030218\
Data File : BG032951.D
Acq On : 2 Mar 2018 18:32
Operator : SJ/JU
Sample : J1774-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CLEAN-SAND-17

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

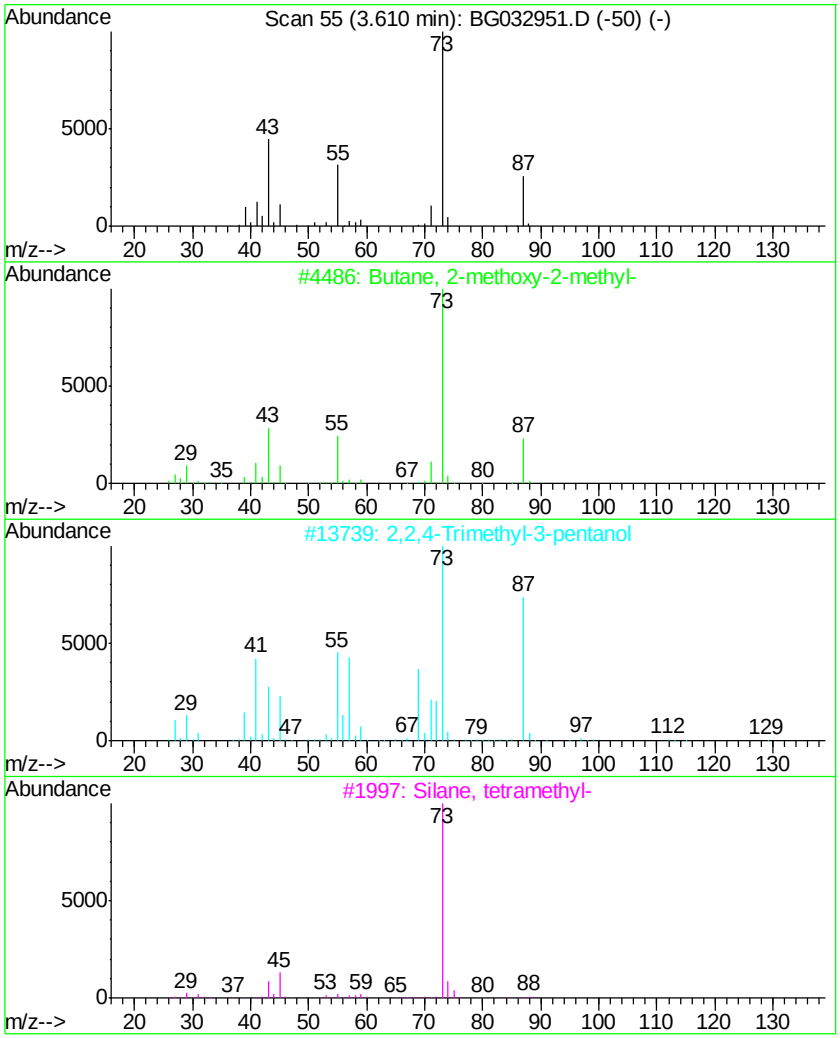
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

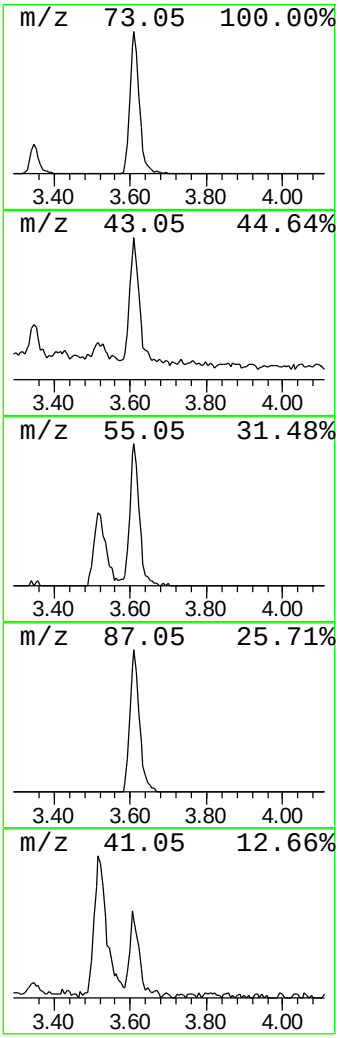
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.61	7.62 ng	132796	1,4-Dichlorobenzene-d4	8.91

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	39
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	35
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9





Data Path : Z:\HPCHEM1\BNA G\DATA\BG030218\
Data File : BG032951.D
Acq On : 2 Mar 2018 18:32
Operator : SJ/JU
Sample : J1774-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CLEAN-SAND-17

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

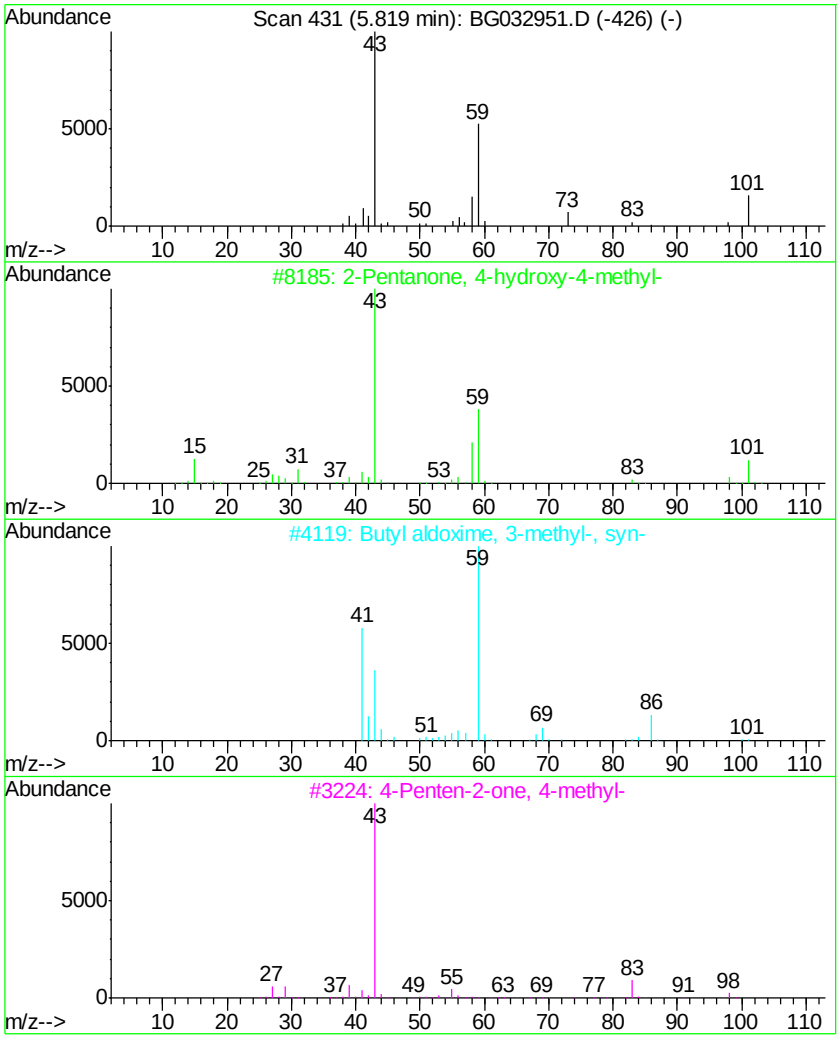
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

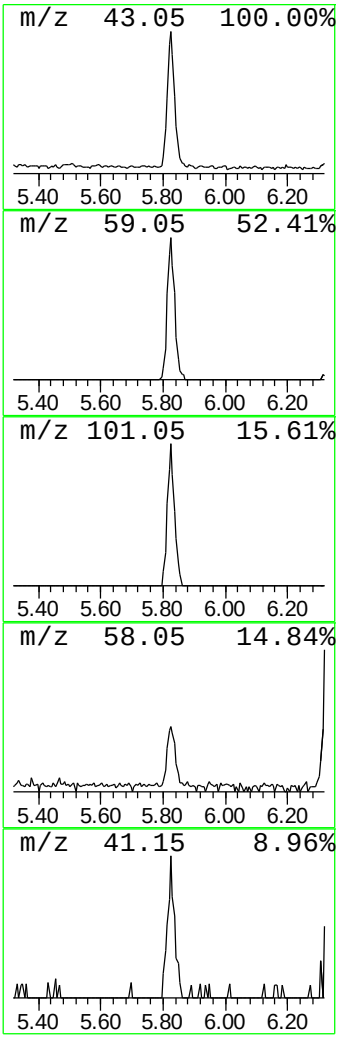
****

Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.82	3.43 ng	59762	1,4-Dichlorobenzene-d4	8.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	23
3	4-Penten-2-one, 4-methyl-	98	C6H10O	003744-02-3	9
4	Diacetamide	101	C4H7NO2	000625-77-4	9
5	Ethanone, 1-(2-methylcyclopropyl)-	98	C6H10O	000930-56-3	9





Data Path : Z:\HPCHEM1\BNA G\DATA\BG030218\
Data File : BG032951.D
Acq On : 2 Mar 2018 18:32
Operator : SJ/JU
Sample : J1774-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CLEAN-SAND-17

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

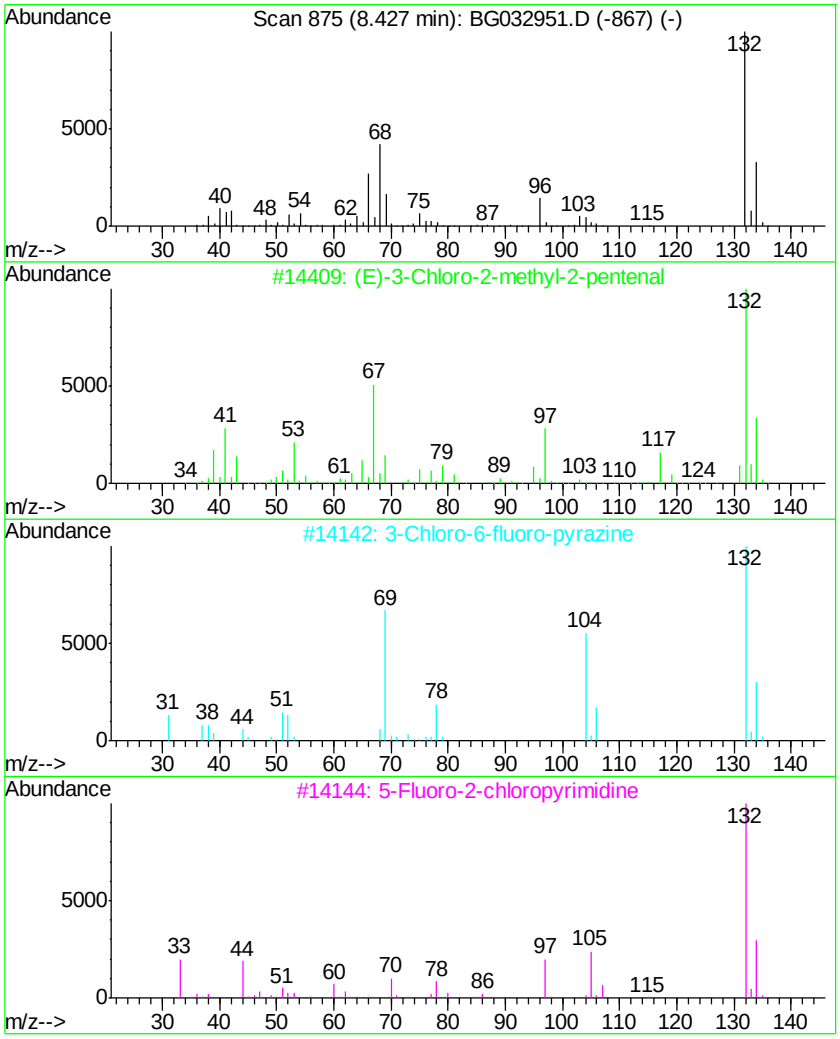
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

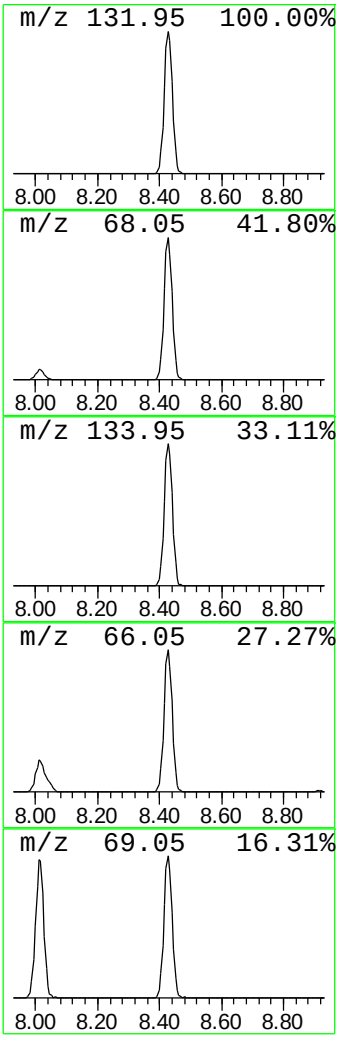
****

Peak Number 4 unknown8.43 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.43	113.90 ng	1985950	1,4-Dichlorobenzene-d4	8.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	27
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9





Data Path : Z:\HPCHEM1\BNA G\DATA\BG030218\
Data File : BG032951.D
Acq On : 2 Mar 2018 18:32
Operator : SJ/JU
Sample : J1774-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CLEAN-SAND-17

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

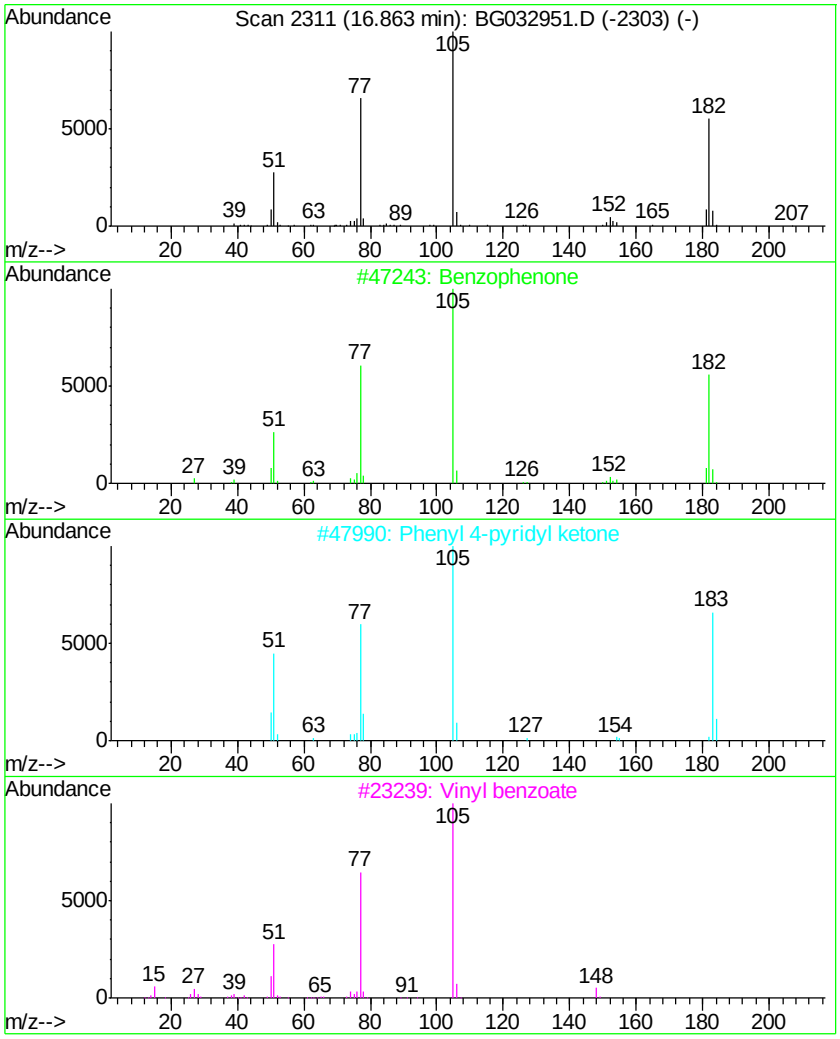
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

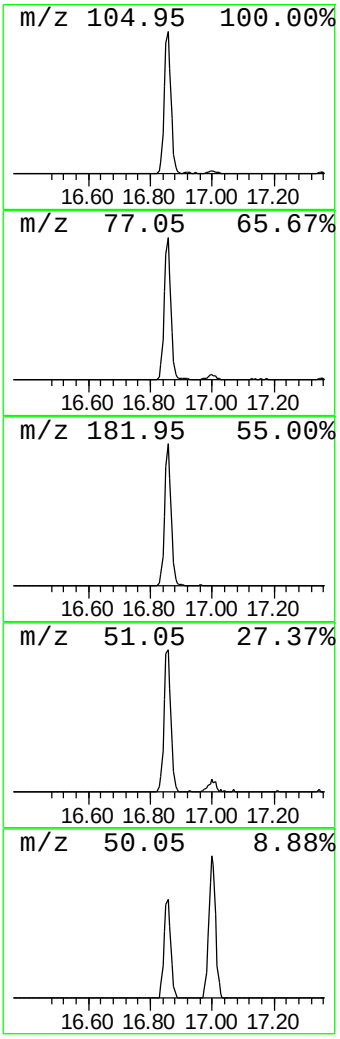
****

Peak Number 6 Benzophenone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.86	6.16 ng	218677	Acenaphthene-d10	15.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Phenyl 4-pyridyl ketone	183	C12H9NO	014548-46-0	50
3	Vinyl benzoate	148	C9H8O2	000769-78-8	50
4	Benzenebutanoic acid, .gamma.-oxo-	178	C10H10O3	002051-95-8	50
5	1-Propanone, 2-bromo-1-phenyl-	212	C9H9BrO	002114-00-3	50





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030218\
Data File : BG032951.D
Acq On : 2 Mar 2018 18:32
Operator : SJ/JU
Sample : J1774-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CLEAN-SAND-17

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022118.M
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...	3.61	7.6	ng	132796	1	8.91	348720	20.0
2-Pentanone, 4-hy...	5.82	3.4	ng	59762	1	8.91	348720	20.0
unknown8.43	8.43	113.9	ng	1985950	1	8.91	348720	20.0
Benzophenone	16.86	6.2	ng	218677	3	15.53	710088	20.0