LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110116\
Data File : BG024617.D
Acq On : 2 Nov 2016 7:39
Operator : UM/SJ
Sample : H5489-04
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-69-11.5-12.0

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-BG102516.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	2.980	17	24	44	rVB2	600347	2019994	24.33%	4.006%
2	3.274	67	74	88	rBV2	513371	1464486	17.64%	2.904%
3	5.331	417	424	434	rVB	423595	728149	8.77%	1.444%
4	5.801	496	504	514	rBV	1950317	3292767	39.66%	6.530%
5	7.405	768	777	788	rBV	2028182	3651012	43.98%	7.241%
6	7.792	836	843	853	rVB	1955791	3453604	41.60%	6.849%
7	8.268	917	924	933	rBV	464013	848470	10.22%	1.683%
8	8.592	969	979	987	rBV	1443714	2646244	31.87%	5.248%
9	9.443	1116	1124	1132	rBV	1254965	2279252	27.45%	4.520%
10	11.095	1398	1405	1413	rVB	625813	1137412	13.70%	2.256%
11	13.509	1807	1816	1823	rBV	3186168	5164834	62.21%	10.243%
12	14.320	1947	1954	1960	rBV	876126	1271581	15.32%	2.522%
13	14.884	2042	2050	2058	rVB	1061053	1674227	20.17%	3.320%
14	16.365	2295	2302	2315	rBV	2851005	4462165	53.75%	8.850%
15	16.541	2327	2332	2335	rBV2	73544	111792	1.35%	0.222%
16	17.622	2509	2516	2523	rBV	1285797	2057237	24.78%	4.080%
17	18.468	2654	2660	2667	rBV5	90552	146039	1.76%	0.290%
18	20.207	2949	2956	2962	rBV	5791566	8302207	100.00%	16.465%
19	21.500	3171	3176	3184	rBV6	112715	198206	2.39%	0.393%
20	21.917	3240	3247	3256	rVB	1605636	2778279	33.46%	5.510%
21	25.348	3819	3831	3843	rBV2	868246	2734473	32.94%	5.423%

Sum of corrected areas: 50422430

LSC Report - Integrated Chromatogram

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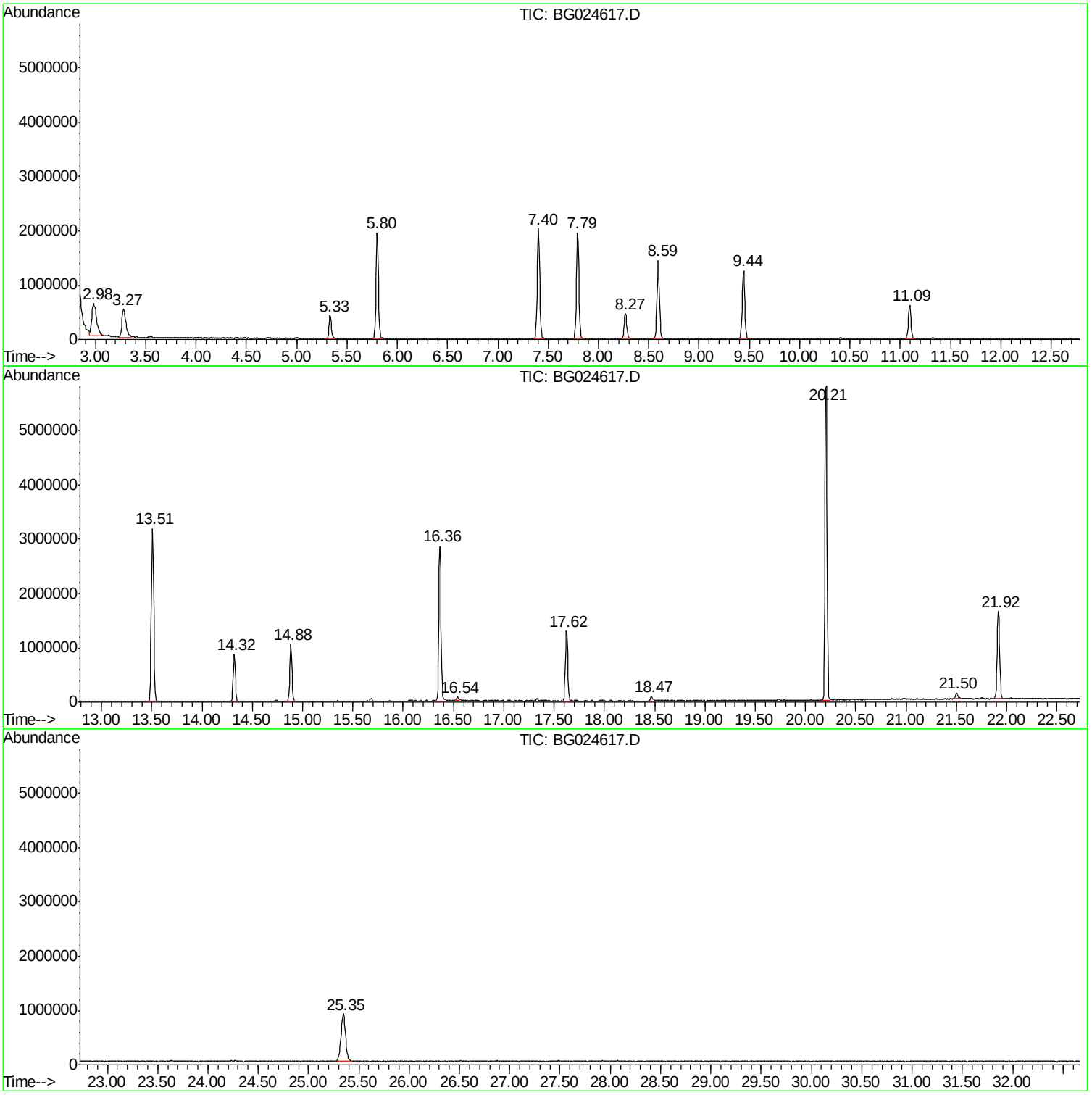
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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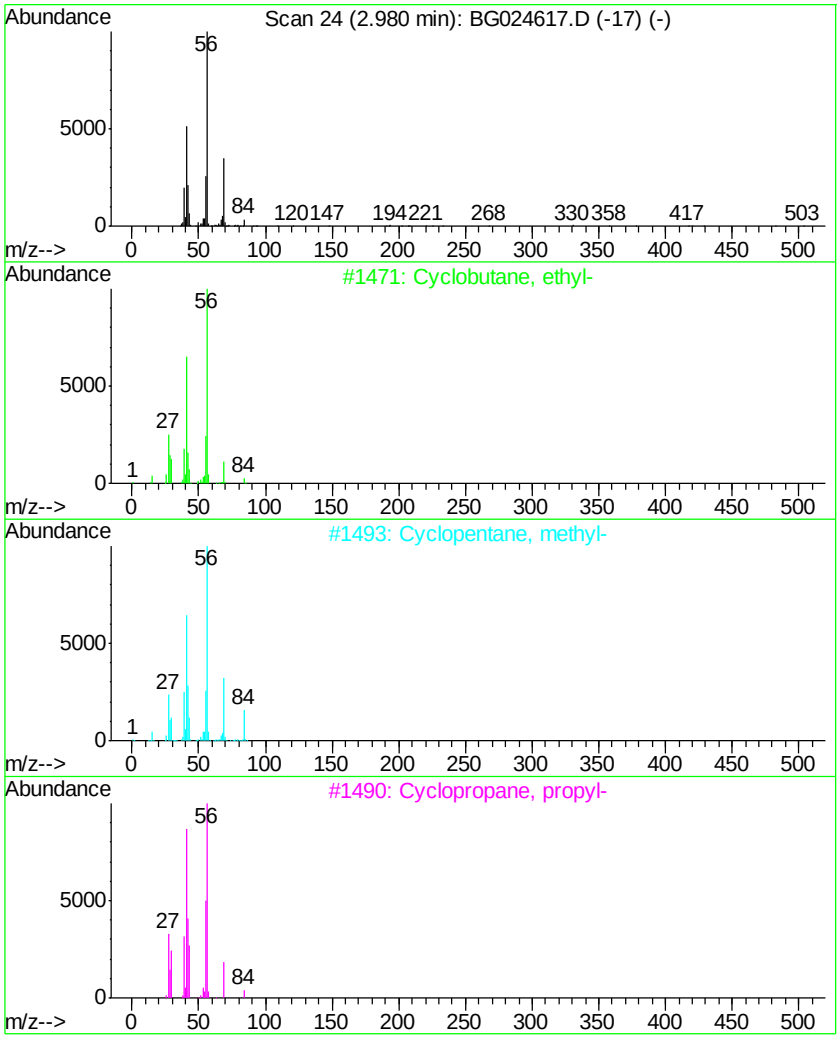
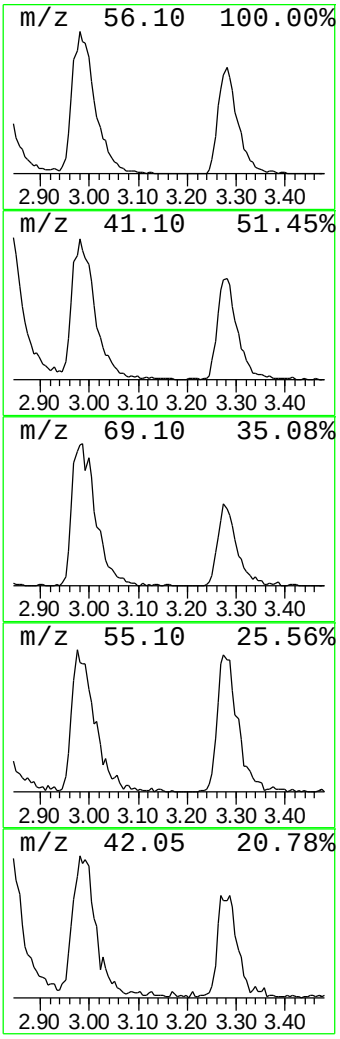
Peak Number 1 Cyclobutane, ethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.98	47.62 ng	2019990	1,4-Dichlorobenzene-d4	8.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclobutane, ethyl-	84	C6H12	004806-61-5	72
2	Cyclopentane, methyl-	84	C6H12	000096-37-7	72
3	Cyclopropane, propyl-	84	C6H12	002415-72-7	47
4	Cyclobutanecarbonitrile, 3,3-dim...	109	C7H11N	053783-86-1	40
5	Aziridine, 1-(2-buten-2-yl)-	97	C6H11N	1000158-95-2	40





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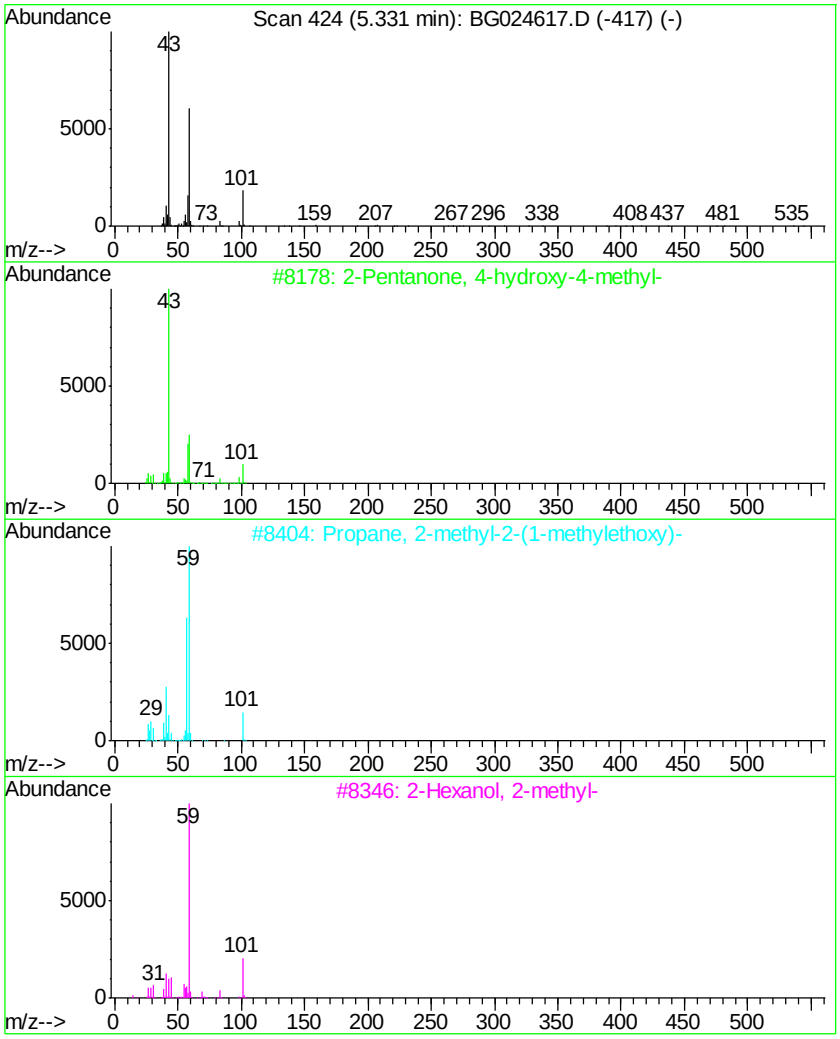
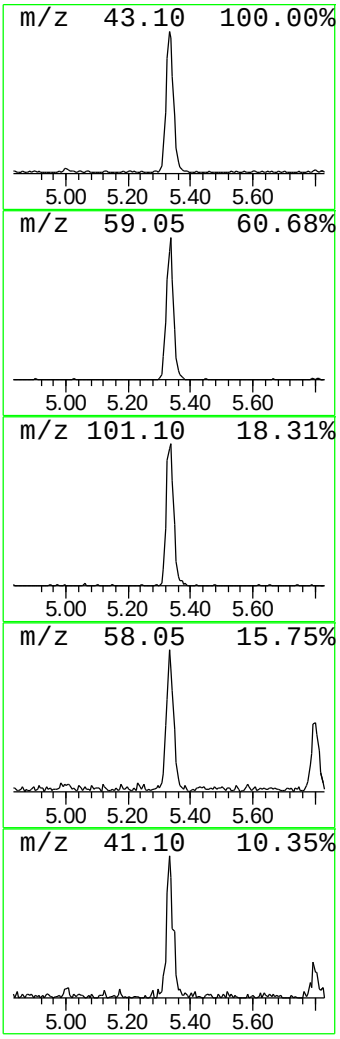
Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.33	17.16 ng	728149	1,4-Dichlorobenzene-d4	8.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	33
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
4	4-Ethyl-3-octanol	158	C10H22O	019781-26-1	25
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	12





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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.M
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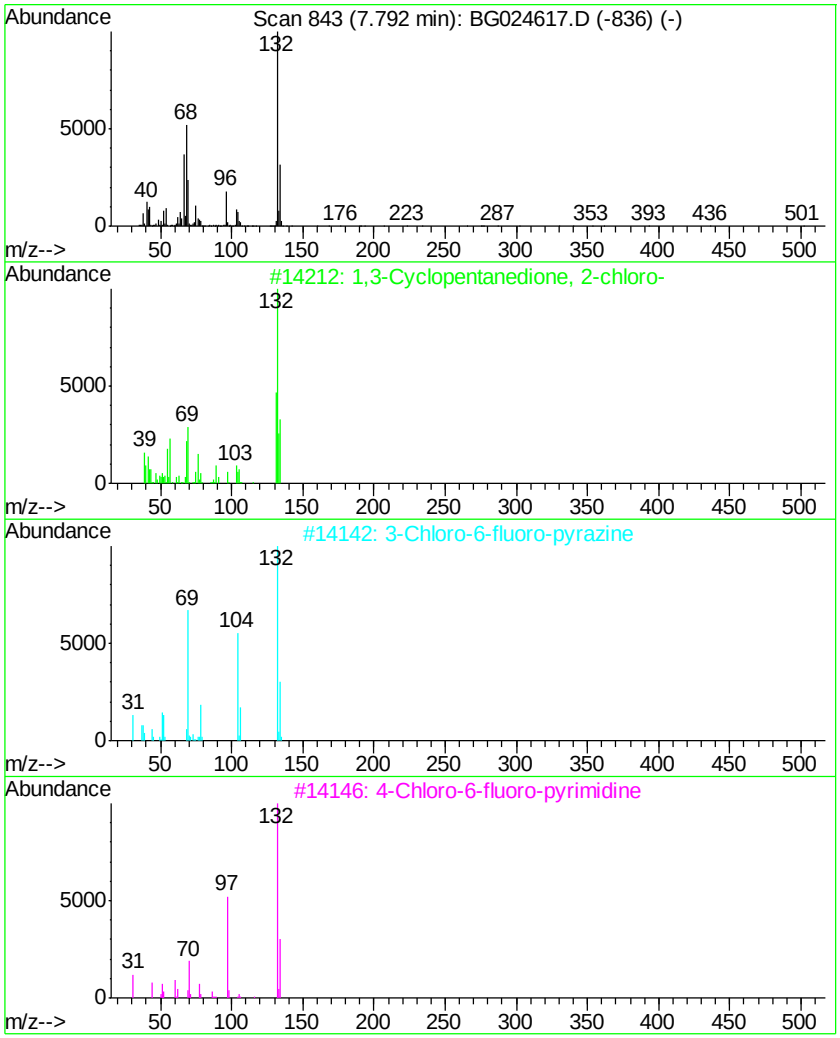
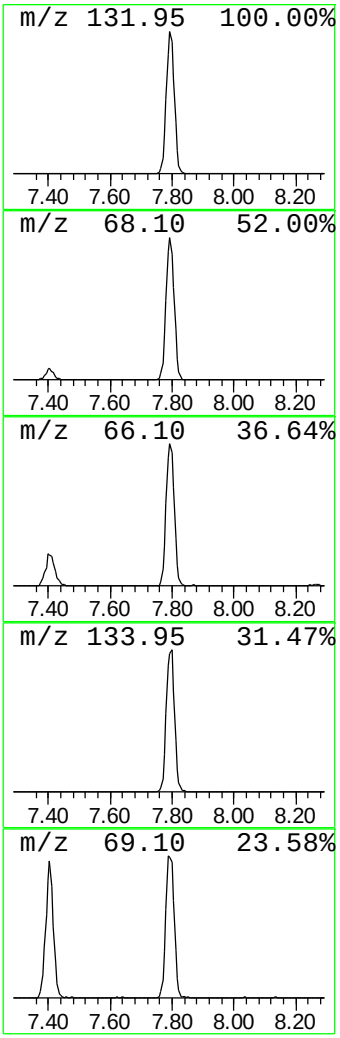
Peak Number 4 unknown7.79 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.79	81.41 ng	3453600	1,4-Dichlorobenzene-d4	8.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	38
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
3	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
5	Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	22





Tentatively Identified Compound (LSC) summary

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Cyclobutane, ethyl-	2.98	47.6	ng	2019990	1	8.27	848470	20.0
2-Pentanone, 4-hy...	5.33	17.2	ng	728149	1	8.27	848470	20.0
unknown7.79	7.79	81.4	ng	3453600	1	8.27	848470	20.0