LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042519\
Data File : BG040619.D
Acq On : 25 Apr 2019 20:31
Operator : JU/SJ
Sample : K2566-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S37-0017

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-BG042319.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	3.164	7	13	22	rBV	319166	574173	12.92%	2.951%
2	3.240	22	26	34	rVB	82211	122617	2.76%	0.630%
3	5.685	436	442	449	rVB	311143	504422	11.35%	2.592%
4	7.283	708	714	725	rBV	215559	367406	8.27%	1.888%
5	7.676	772	781	789	rBV	593953	1018370	22.92%	5.233%
6	8.158	856	863	872	rBV	200393	344511	7.75%	1.770%
7	8.481	908	918	925	rBV	618450	1082172	24.36%	5.561%
8	9.333	1054	1063	1072	rBV	591213	1067031	24.02%	5.483%
9	10.978	1336	1343	1350	rBV	278383	494534	11.13%	2.541%
10	13.411	1749	1757	1764	rVB	1579289	2459750	55.37%	12.641%
11	14.786	1984	1991	2000	rVB2	477193	777605	17.50%	3.996%
12	16.266	2236	2243	2252	rBV	1273007	1845494	41.54%	9.484%
13	17.530	2451	2458	2464	rBV	732508	1114560	25.09%	5.728%
14	18.382	2599	2603	2611	rBV3	67176	94388	2.12%	0.485%
15	19.651	2815	2819	2828	rBV5	39466	53502	1.20%	0.275%
16	20.127	2894	2900	2906	rVB	3540261	4442443	100.00%	22.830%
17	21.419	3116	3120	3127	rBV6	32576	48549	1.09%	0.249%
18	21.819	3181	3188	3197	rVB2	749978	1285663	28.94%	6.607%
19	22.624	3321	3325	3330	rVB2	34818	54037	1.22%	0.278%
20	23.352	3443	3449	3456	rVB	49680	88573	1.99%	0.455%
21	24.198	3586	3593	3601	rBV3	53849	115805	2.61%	0.595%
22	25.191	3751	3762	3775	rVB2	446500	1318389	29.68%	6.775%
23	26.402	3962	3968	3979	rVB6	39412	109325	2.46%	0.562%
24	27.853	4209	4215	4227	rVB9	22445	75830	1.71%	0.390%

Sum of corrected areas: 19459149

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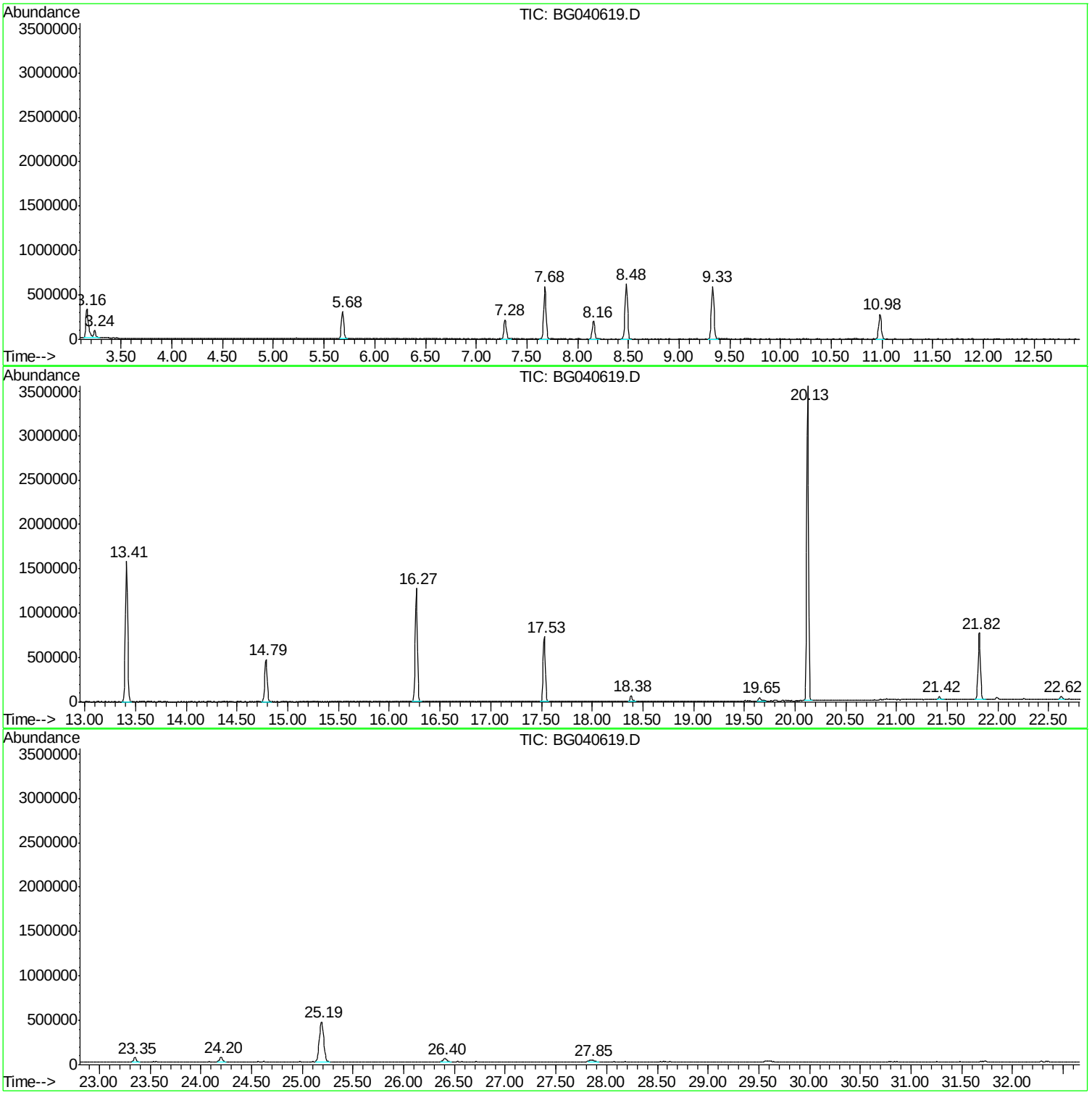
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG042319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

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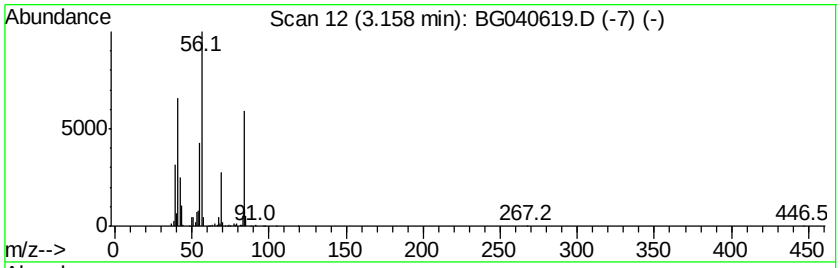
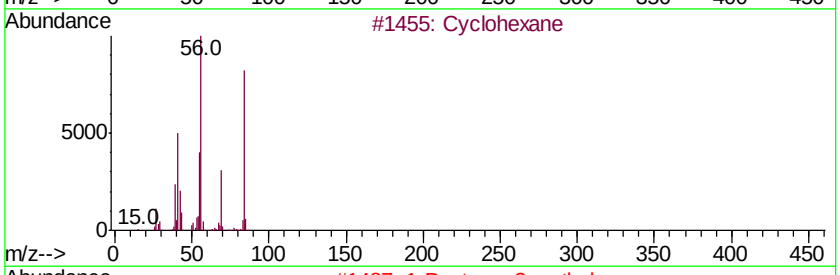
****

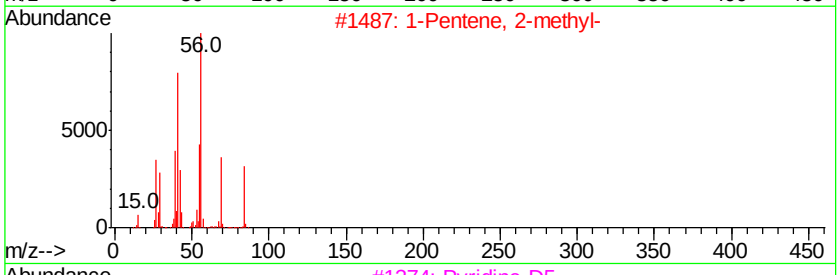
Peak Number 1 1-Pentene, 2-methyl- Concentration Rank 3

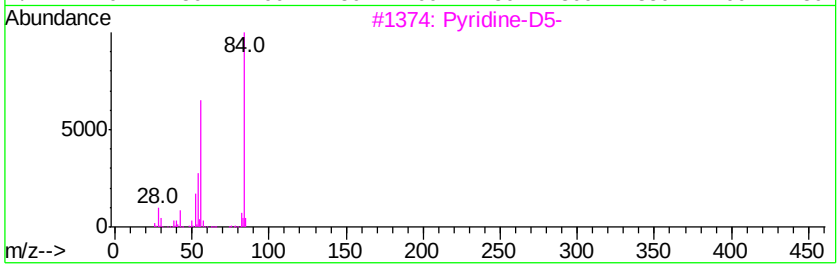
R.T.	EstConc	Area	Relative to ISTD	R.T.
3.16	33.33 ng	574173	1,4-Dichlorobenzene-d4	8.16

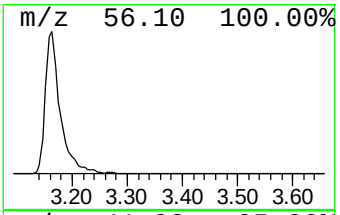
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane	84	C6H12	000110-82-7	94
2	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	78
3	Pyridine-D5-	84	C5D5N	007291-22-7	47
4	Cyclobutane, ethyl-	84	C6H12	004806-61-5	47
5	Cyclopentanone, 2-ethyl-	112	C7H12O	004971-18-0	45

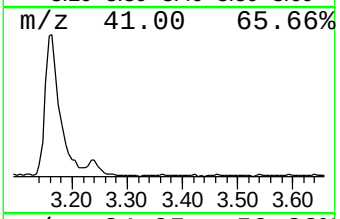


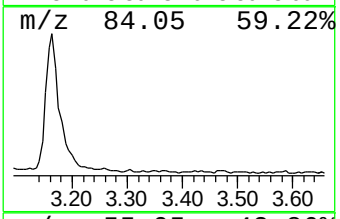


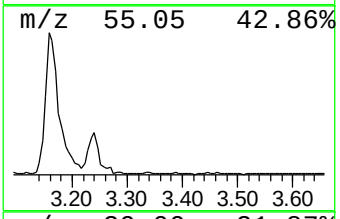


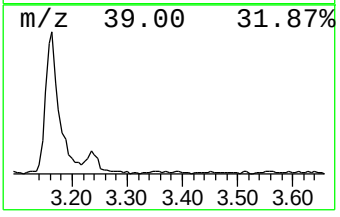












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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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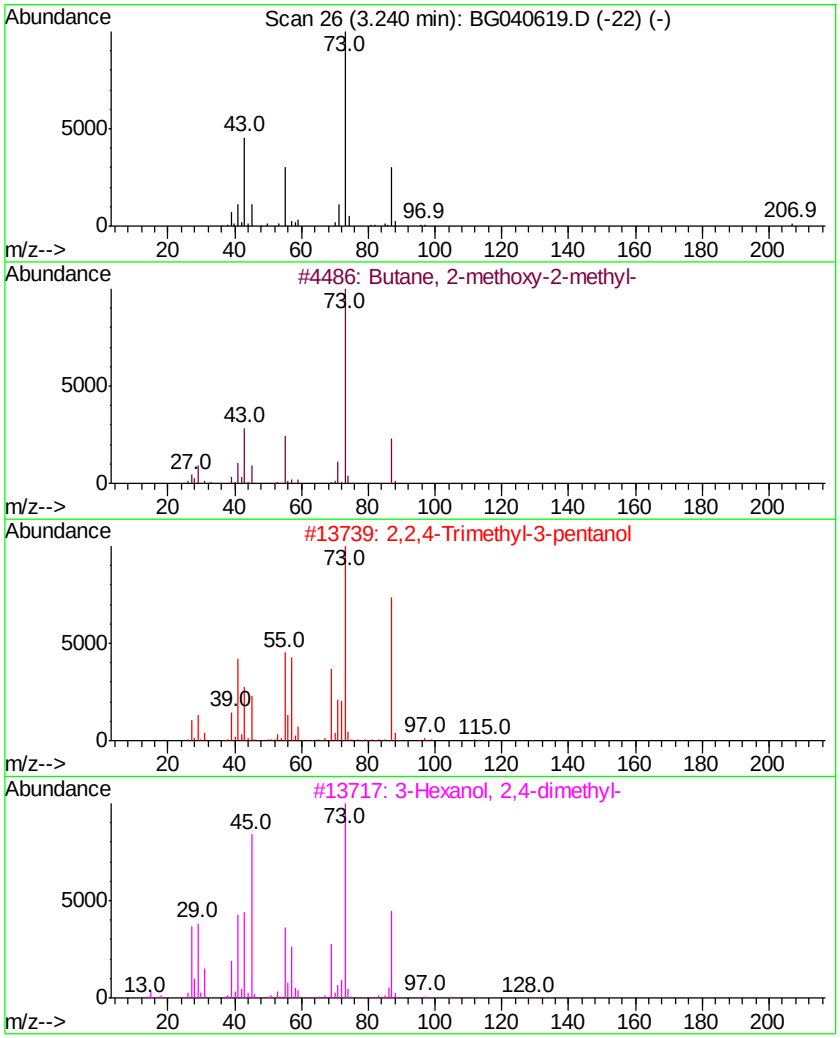
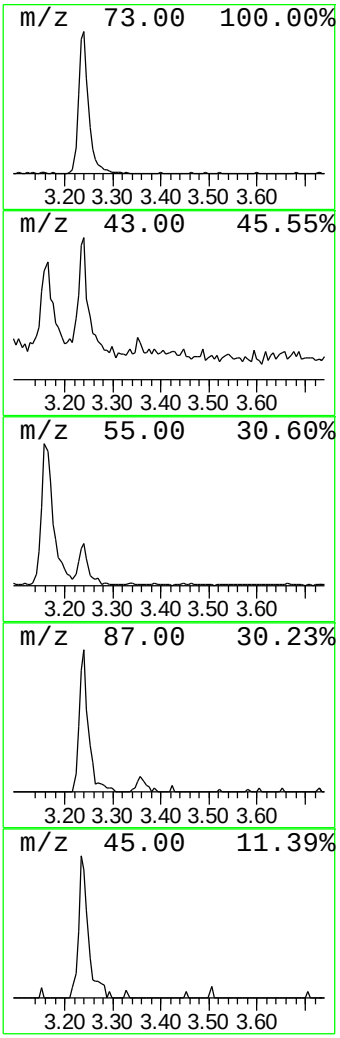
Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.24	7.12 ng	122617	1,4-Dichlorobenzene-d4	8.16

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	45
3	3-Hexanol, 2,4-dimethyl-	130	C8H18O	013432-25-2	36
4	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





Library Search Compound Report

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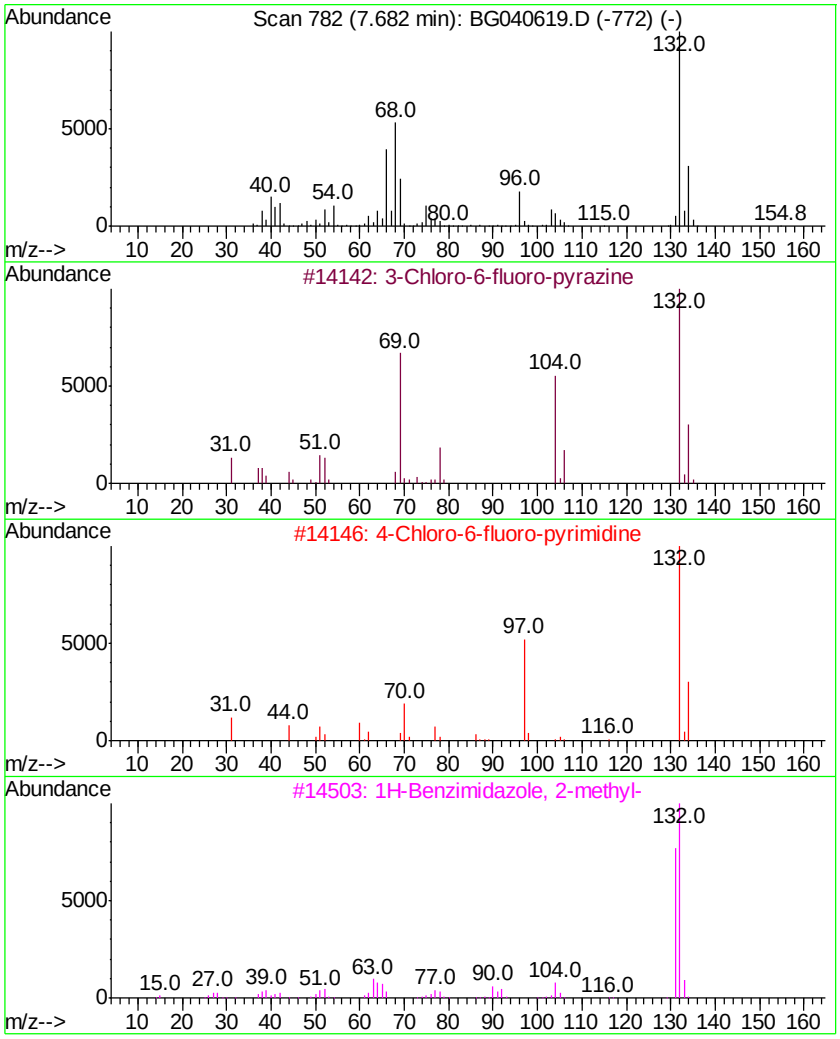
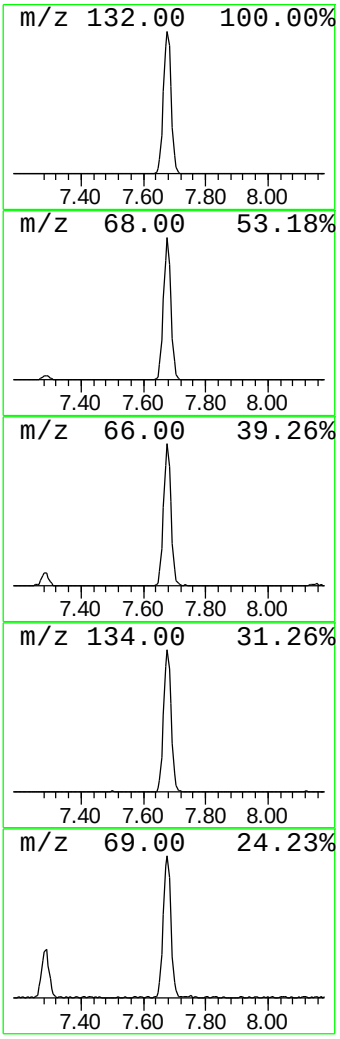
****

Peak Number 3 unknown7.68 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.68	59.12 ng	1018370	1,4-Dichlorobenzene-d4	8.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	14
2	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	14
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	14
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	10





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
1-Pentene, 2-methyl-	3.16	33.3	ng	574173	1	8.16	344511	20.0
Butane, 2-methoxy...	3.24	7.1	ng	122617	1	8.16	344511	20.0
unknown7.68	7.68	59.1	ng	1018370	1	8.16	344511	20.0