LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100518\
Data File : BG037158.D
Acq On : 4 Oct 2018 16:52
Operator : JU/SJ
Sample : J5218-06
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 293-230

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % 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-BG092018.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	5.141	307	315	322	rBV	82985	134449	3.98%	0.809%
2	5.605	388	394	413	rBV	622865	1122495	33.24%	6.752%
3	7.197	658	665	686	rBV	554723	1106783	32.77%	6.657%
4	7.561	720	727	749	rBV	649029	1285574	38.06%	7.733%
5	8.031	801	807	824	rBV	142198	281503	8.33%	1.693%
6	8.354	854	862	877	rBV	506982	957642	28.35%	5.760%
7	9.195	997	1005	1020	rBV	407178	853225	25.26%	5.132%
8	10.834	1277	1284	1299	rBV	186039	385358	11.41%	2.318%
9	13.278	1693	1700	1720	rBV	1121856	1919335	56.83%	11.545%
10	14.659	1927	1935	1944	rBV2	329535	559734	16.57%	3.367%
11	16.145	2181	2188	2204	rBV	1002632	1686645	49.94%	10.145%
12	17.403	2394	2402	2416	rBV	462523	783500	23.20%	4.713%
13	20.011	2840	2846	2857	rBV	2427841	3377439	100.00%	20.315%
14	21.310	3064	3067	3077	rVB4	15172	35080	1.04%	0.211%
15	21.398	3077	3082	3090	rBV	43523	91052	2.70%	0.548%
16	21.668	3121	3128	3151	rVB	506056	950461	28.14%	5.717%
17	21.850	3155	3159	3165	rBV3	25066	40841	1.21%	0.246%
18	22.456	3258	3262	3268	rVB2	28326	42495	1.26%	0.256%
19	23.143	3372	3379	3385	rBV2	33817	65750	1.95%	0.395%
20	23.942	3509	3515	3523	rVB4	29893	65274	1.93%	0.393%
21	24.870	3663	3673	3692	rVB2	299068	880659	26.07%	5.297%

Sum of corrected areas: 16625294

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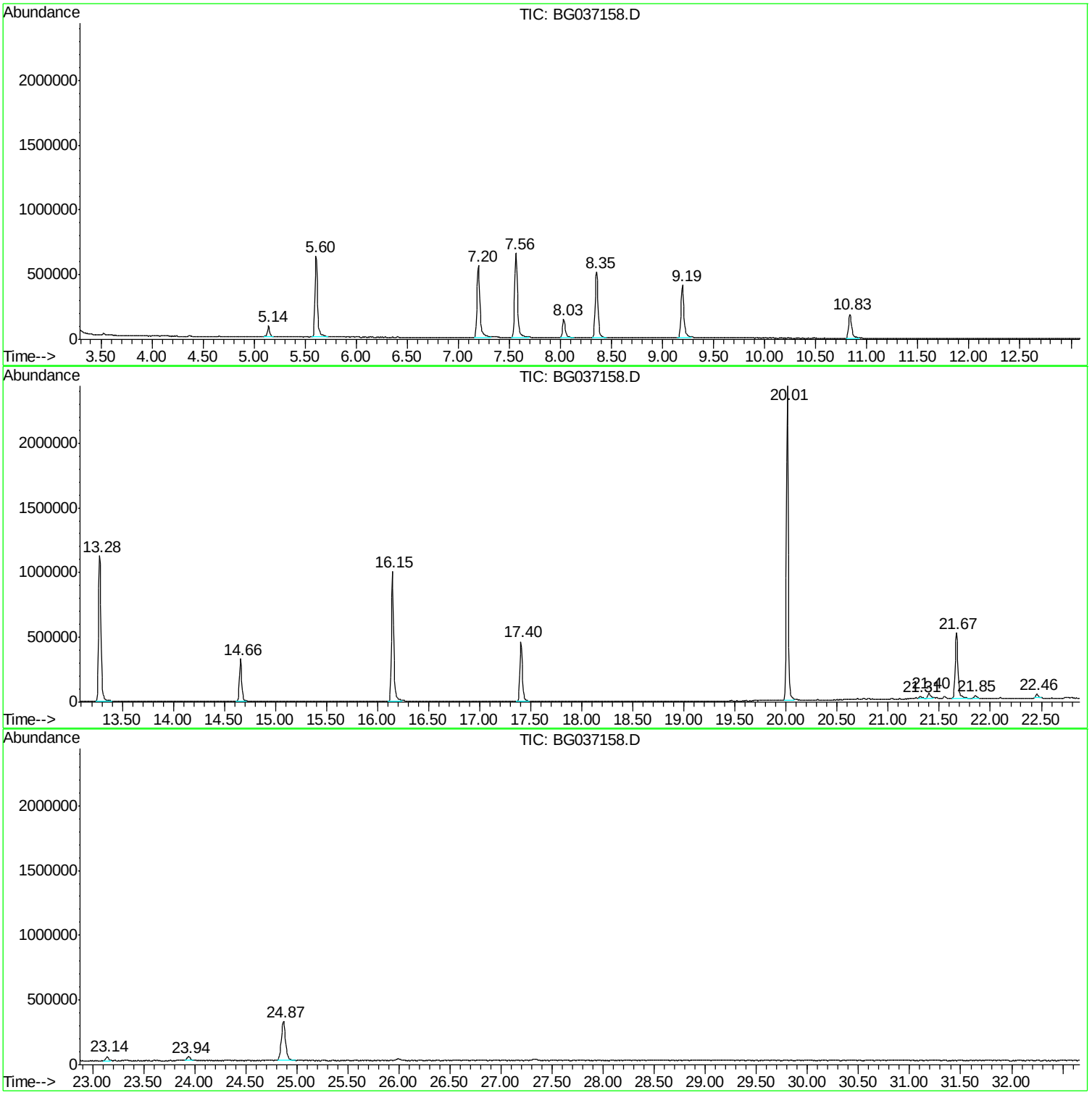
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

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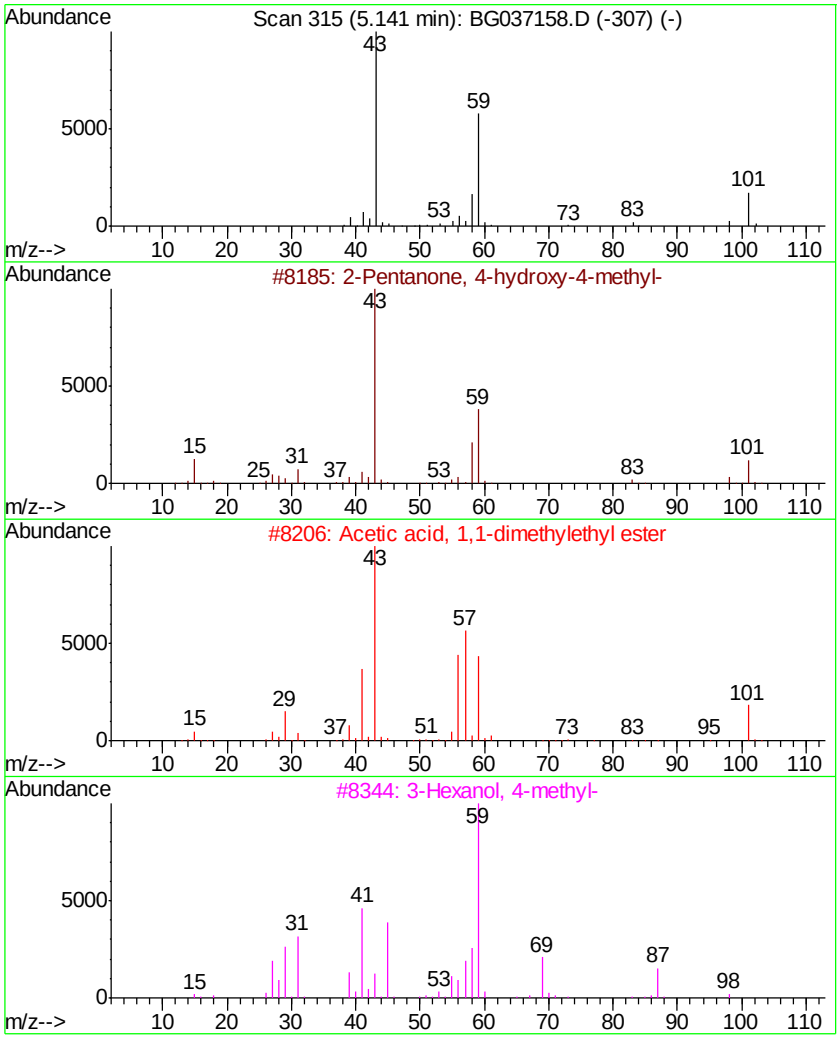
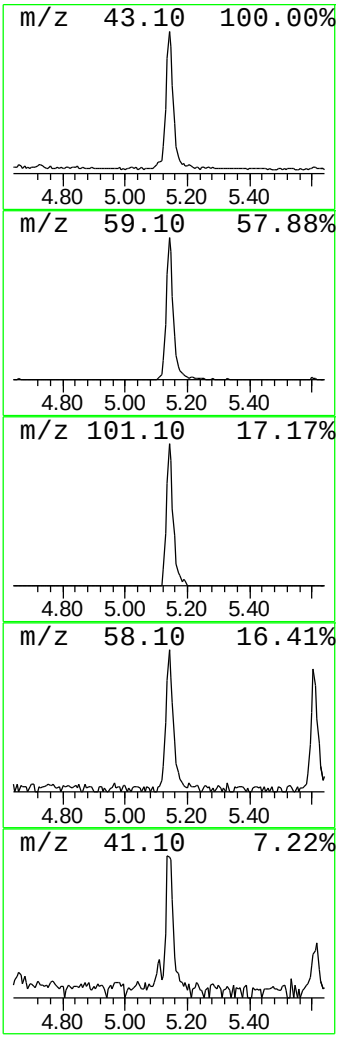
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.14	9.55 ng	134449	1,4-Dichlorobenzene-d4	8.03

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	39
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25





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ClientSampleId : 293-230

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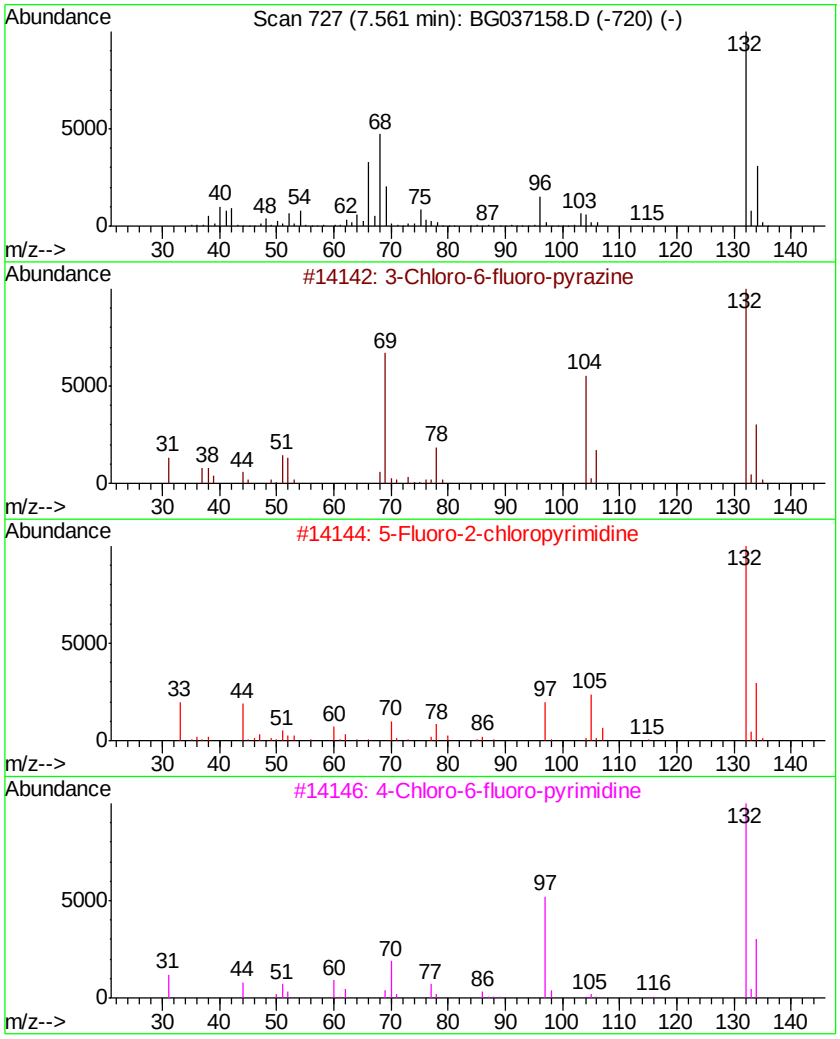
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

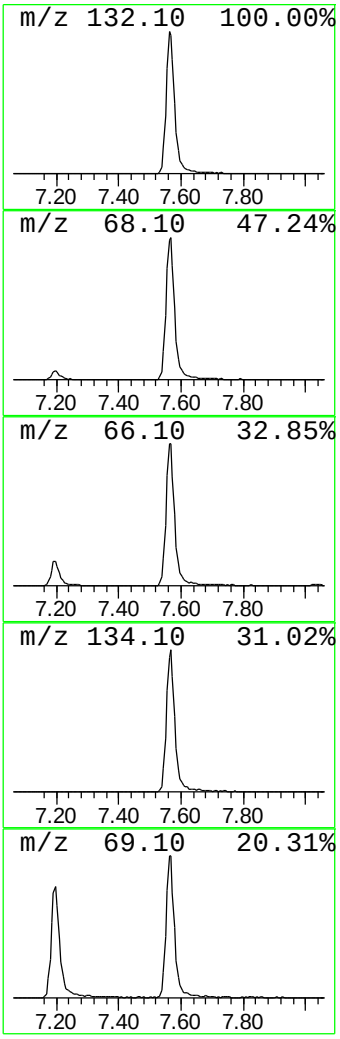
****

Peak Number 2 3-Chloro-6-fluoro-pyrazine Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.56	91.34 ng	1285570	1,4-Dichlorobenzene-d4	8.03

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	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
4	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	17
5	(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	10





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Instrument : BNA_G
ClientSampleId : 293-230

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TIC Library : C:\Database\NIST11.L
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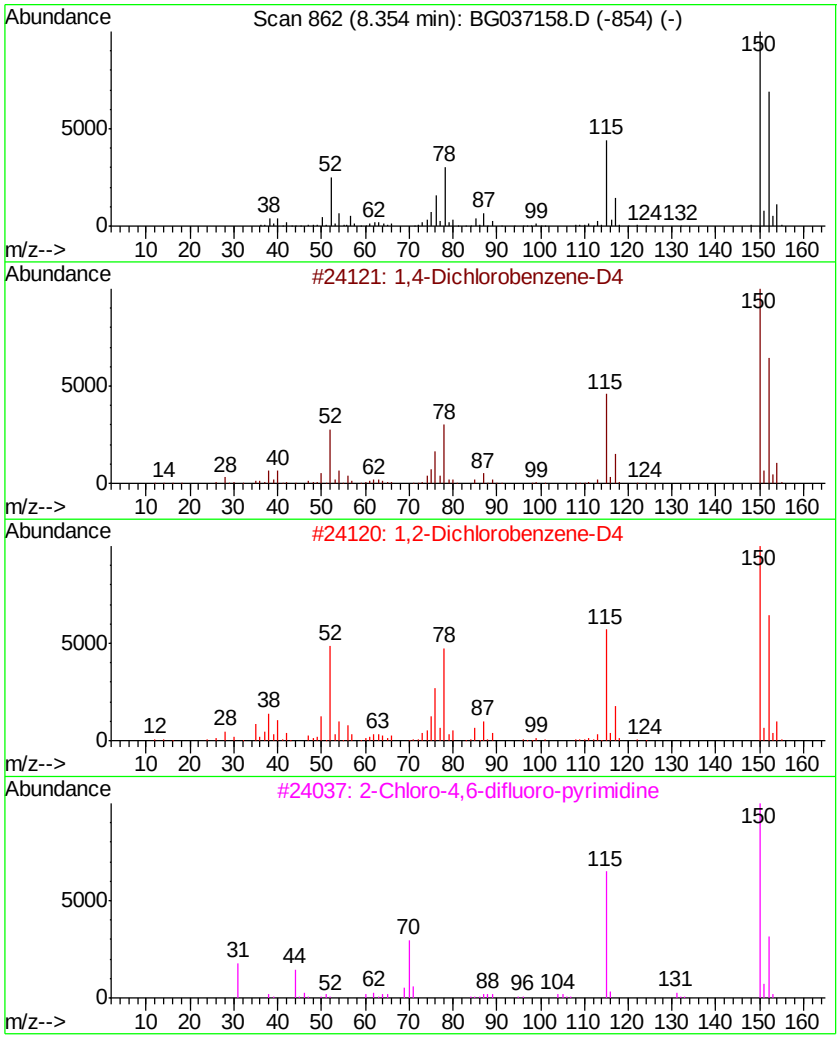
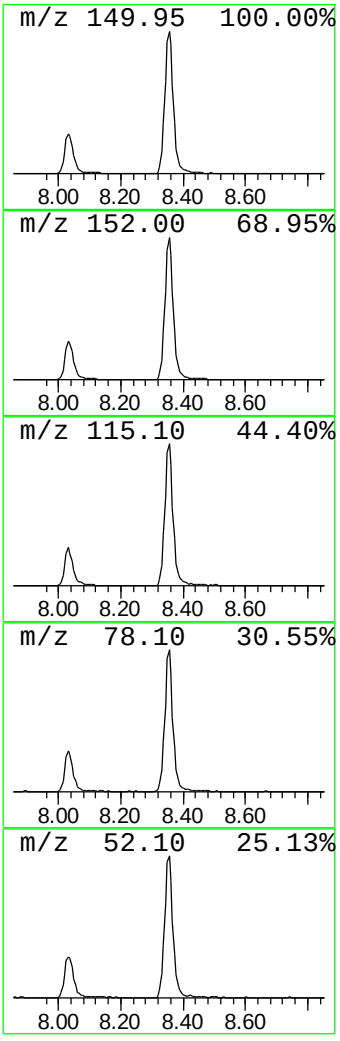
****

Peak Number 3 1,4-Dichlorobenzene-D4 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.35	68.04 ng	957642	1,4-Dichlorobenzene-d4	8.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Dichlorobenzene-D4	150	C6D4Cl2	003855-82-1	94
2	1,2-Dichlorobenzene-D4	150	C6D4Cl2	002199-69-1	94
3	2-Chloro-4,6-difluoro-pyrimidine	150	C4HClF2N2	038953-30-9	38
4	2,5-Cyclohexadiene-1,4-dione, 3-...	362	C17H15ClN2O5	313480-08-9	14
5	2-Bromo-2'-nitroacetophenone	243	C8H6BrNO3	006851-99-6	12





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...	5.14	9.6	ng	134449	1	8.03	281503	20.0
3-Chloro-6-fluoro...	7.56	91.3	ng	1285570	1	8.03	281503	20.0
1,4-Dichlorobenze...	8.35	68.0	ng	957642	1	8.03	281503	20.0