Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120921\
Data File : BM033353.D
Acq On : 09 Dec 2021 11:29
Operator : CG/JU
Sample : SSTD04014
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Dec 09 13:12:51 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM120921.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 09 13:01:40 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD040014

Manual IntegrationsAPPROVED

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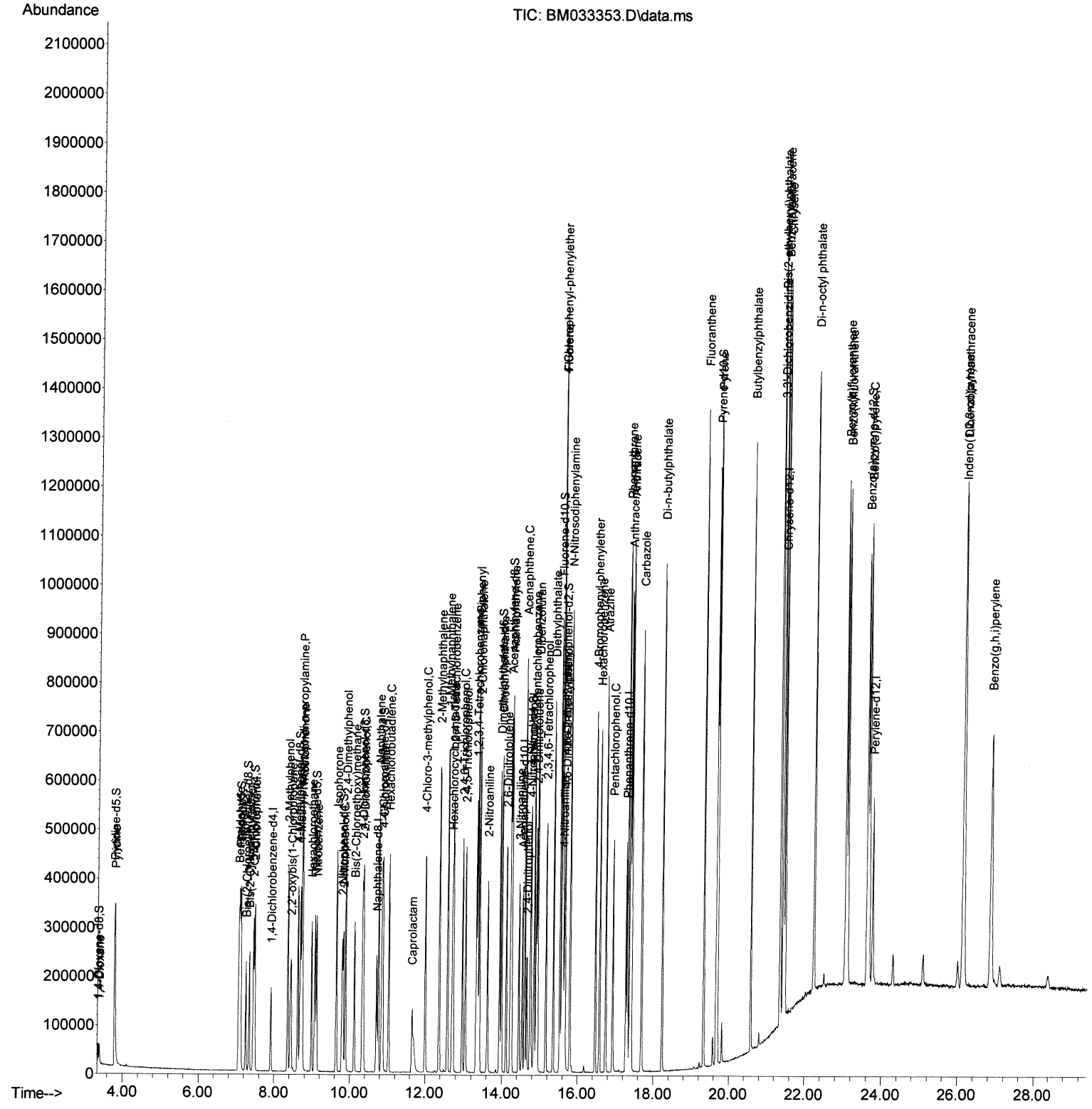
Supervised By :mohammad ahmed 12/15/2021



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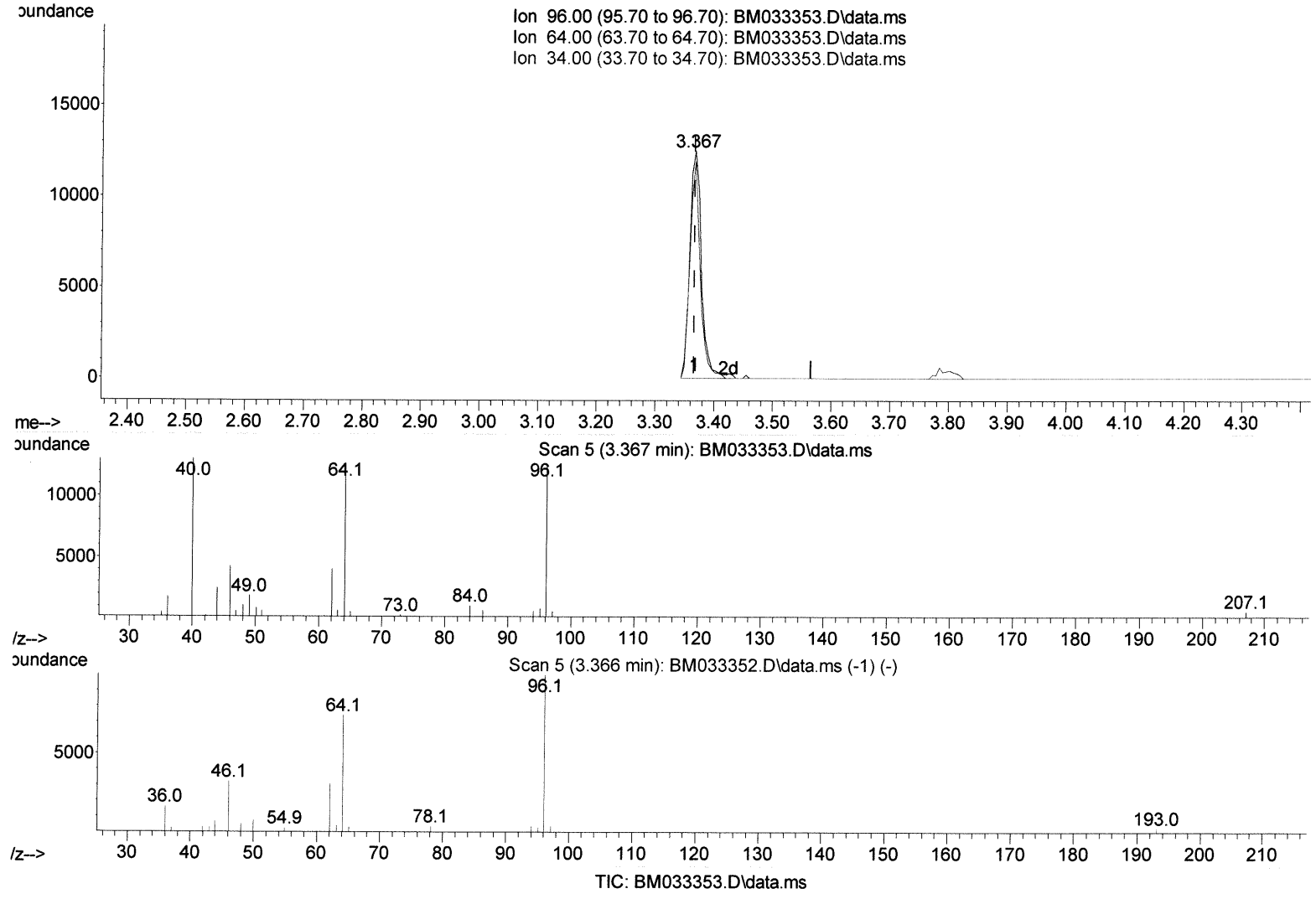

(3) 1,4-Dioxane-d8 (S)

3.367min (+ 0.000) 13.62 ng/uL

response 14745

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	74.20	95.31#
34.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120921\
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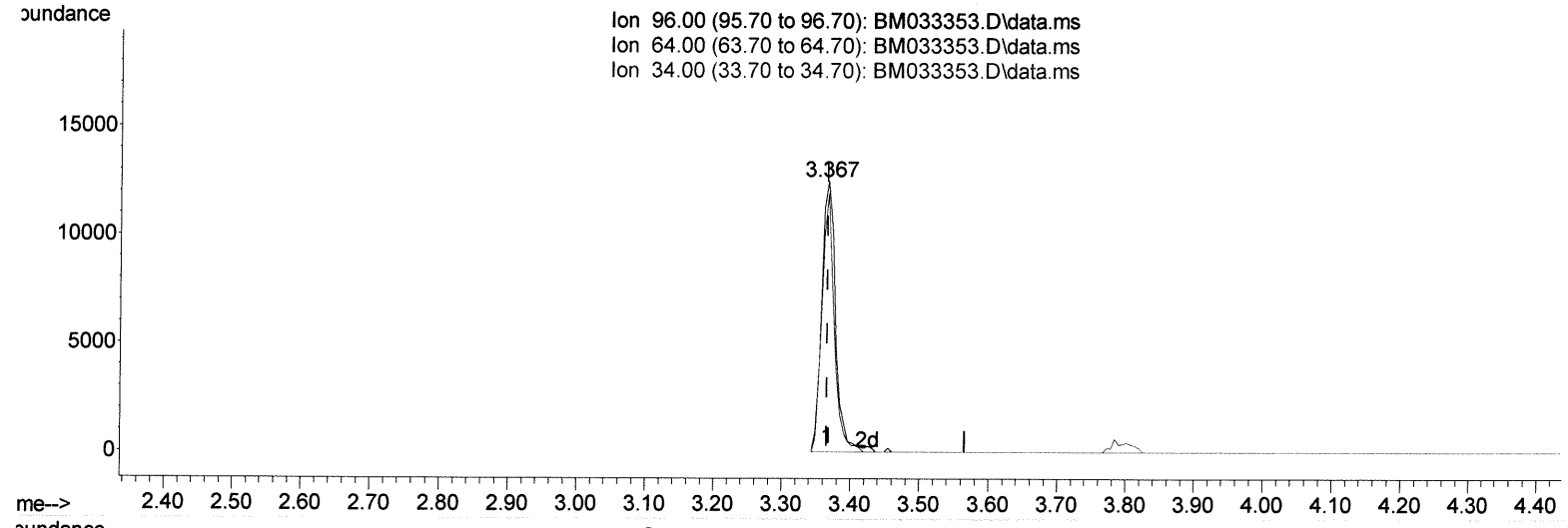

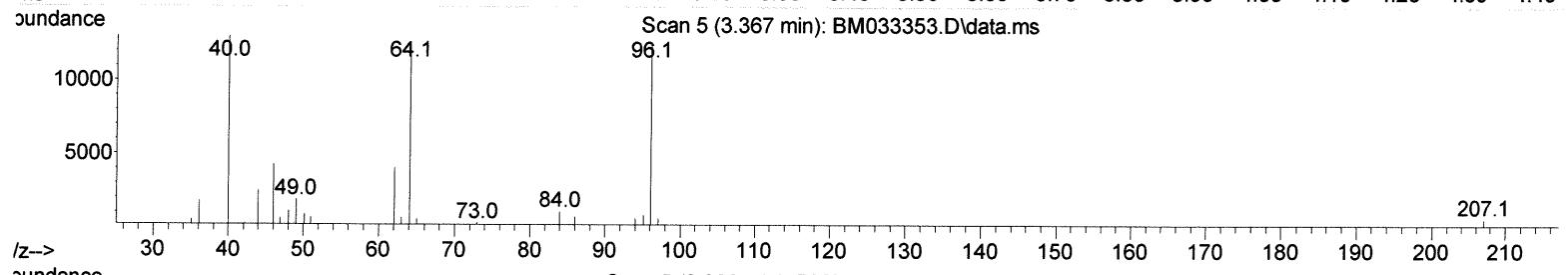

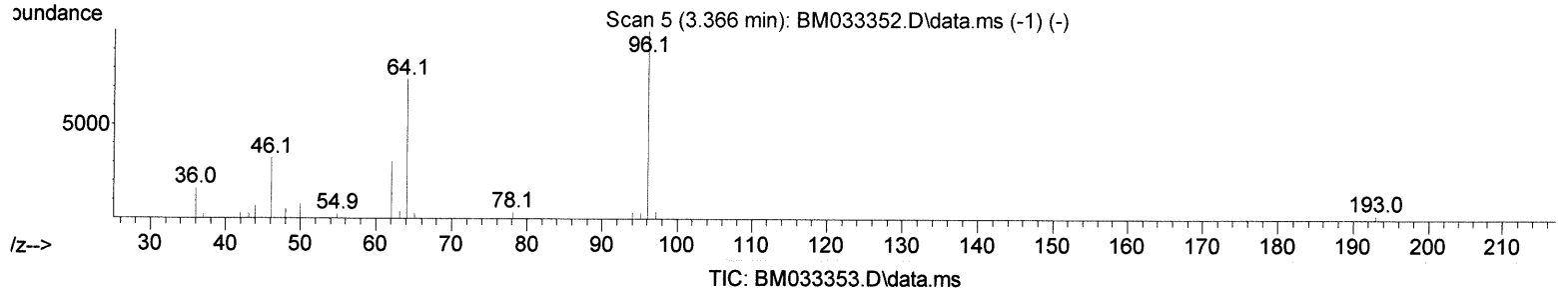

TIC: BM033353.D\data.ms

(3) 1,4-Dioxane-d8 (S)

3.367min (+ 0.000) 16.02 ng/uL m

response 17340

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	74.20	95.31#
34.00	0.00	0.00
0.00	0.00	0.00

JY12/23/21

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120921\
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Misc :
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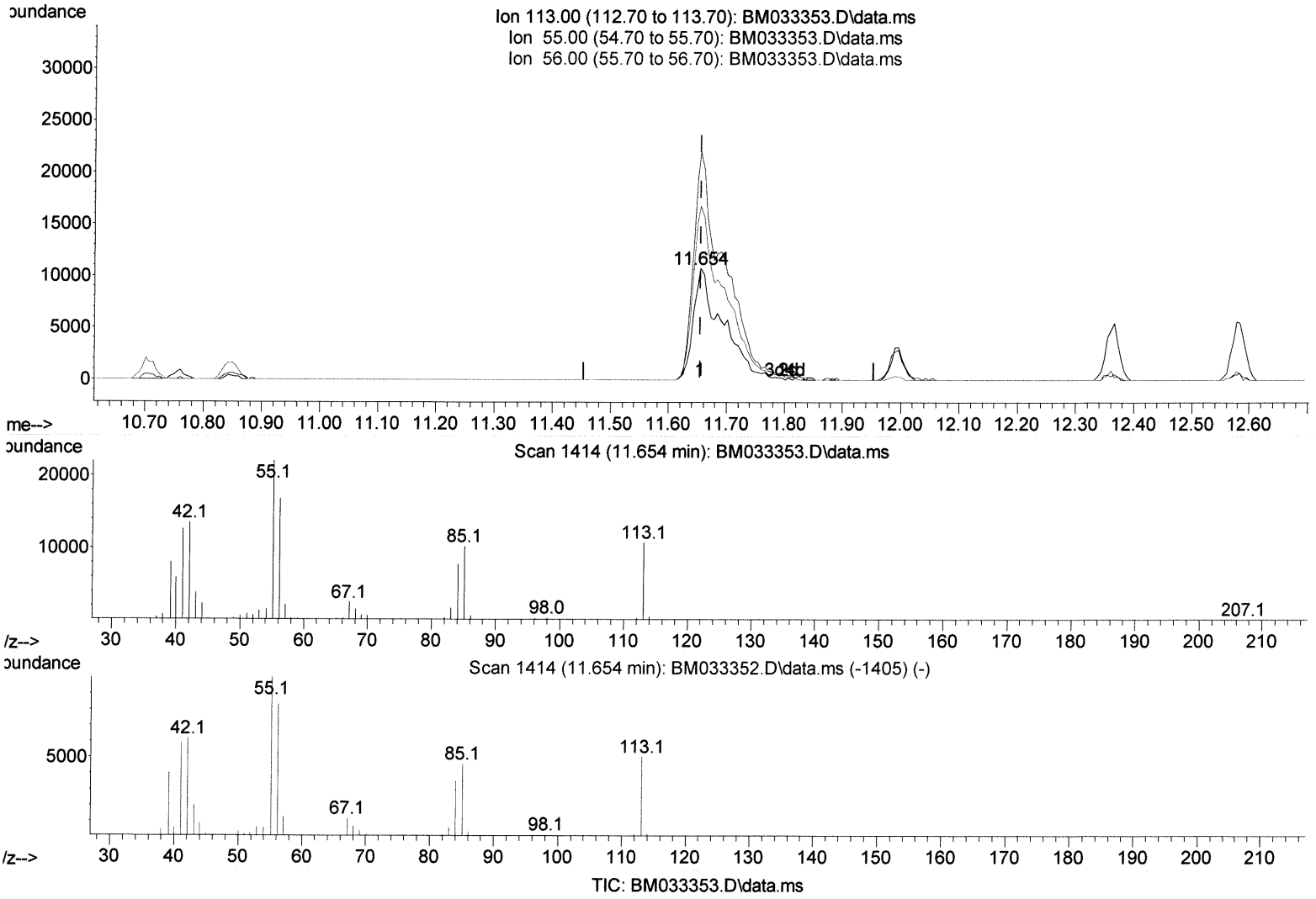

(34) Caprolactam

11.654min (+ 0.000) 27.37 ng/ul

response 21682

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	197.40	204.69
56.00	164.70	156.16
0.00	0.00	0.00

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Operator : CG/JU
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Misc :
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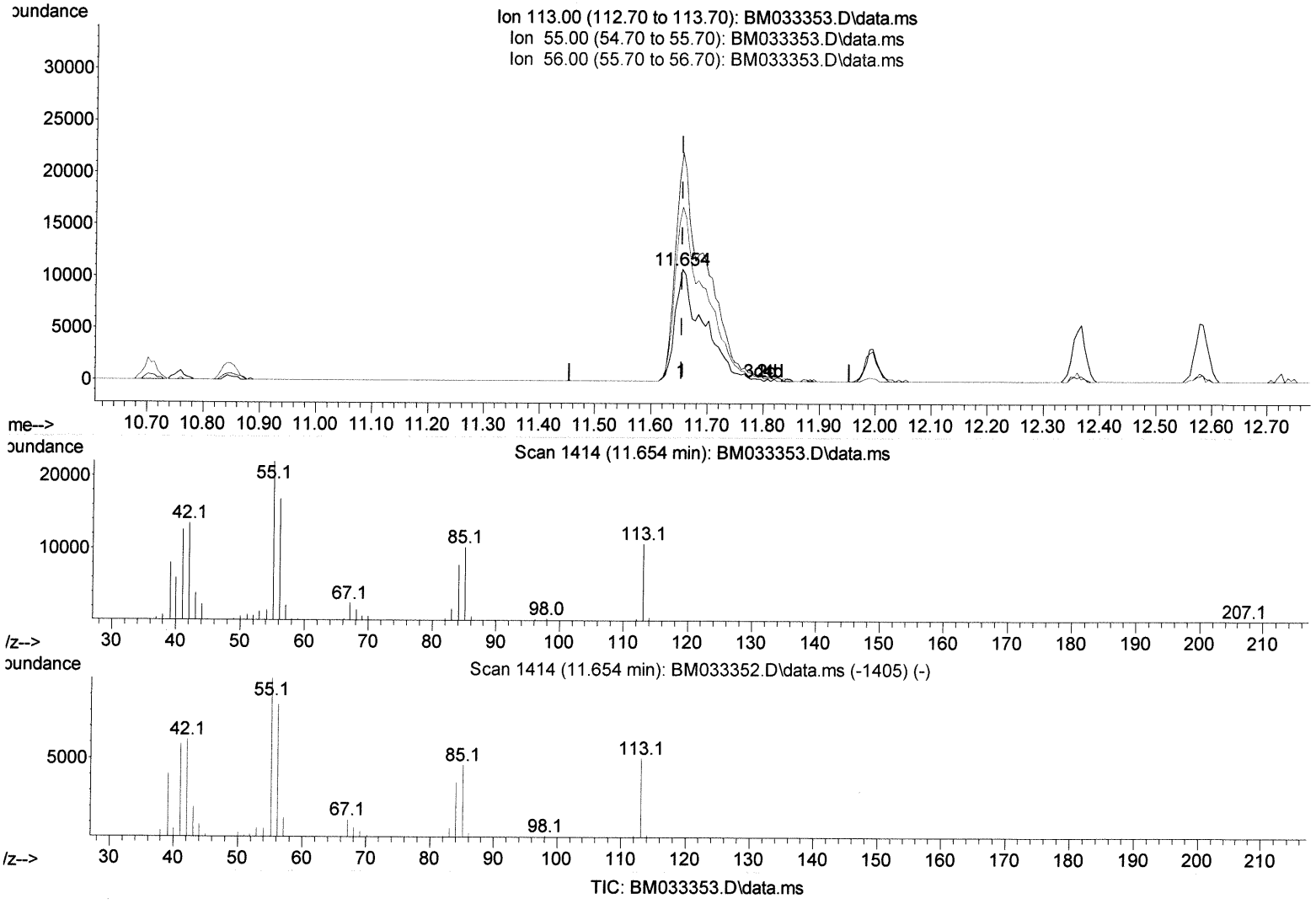

(34) Caprolactam

11.654min (+ 0.000) 47.31 ng/ul m JR 12/23/21

response 37479

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	197.40	204.69
56.00	164.70	156.16
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.913	152	41730	20.000	ng/ul	0.00
20) Naphthalene-d8	10.707	136	172586	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.536	164	121109	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.277	188	265661	20.000	ng/ul	0.00
79) Chrysene-d12	21.436	240	272191	20.000	ng/ul	0.00
88) Perylene-d12	23.759	264	261373	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.367	96	17340m	16.019	ng/uL	0.00
4) Pyridine-d5	3.784	84	122996	41.251	ng/ul	0.00
7) Phenol-d5	7.084	99	153753	43.559	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.243	67	99993	44.662	ng/ul	0.00
11) 2-Chlorophenol-d4	7.443	132	112855	42.212	ng/ul	0.00
15) 4-Methylphenol-d8	8.619	113	121185	44.238	ng/ul	0.00
21) Nitrobenzene-d5	9.072	128	58449	47.170	ng/ul	0.00
24) 2-Nitrophenol-d4	9.790	143	62750	50.565	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.331	165	118425	41.672	ng/ul	0.00
31) 4-Chloroaniline-d4	10.848	131	161903	42.839	ng/ul	0.00
46) Dimethylphthalate-d6	13.948	166	369777	41.626	ng/ul	0.00
49) Acenaphthylene-d8	14.231	160	469730	41.045	ng/ul	0.00
54) 4-Nitrophenol-d4	14.748	143	67058	46.343	ng/ul	0.00
60) Fluorene-d10	15.525	176	333876	41.898	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.648	200	65801	52.704	ng/ul	0.00
73) Anthracene-d10	17.372	188	546427	42.670	ng/ul	0.00
81) Pyrene-d10	19.660	212	636586	39.576	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.612	264	591526	42.169	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.402	88	18332	16.680	ng/uL	97
5) Pyridine	3.802	79	126769	41.665	ng/ul	98
6) Benzaldehyde	7.060	77	105491	52.438	ng/ul	98
8) Phenol	7.107	94	159175	45.283	ng/ul	94
10) Bis(2-Chloroethyl)ether	7.337	93	118080	42.288	ng/ul	98
12) 2-Chlorophenol	7.478	128	115112	41.715	ng/ul	99
13) 2-Methylphenol	8.354	108	114994	42.706	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	8.437	45	203304	47.142	ng/ul	99
16) Acetophenone	8.737	105	201708	46.650	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.719	70	114567	49.177	ng/ul	100
18) 4-Methylphenol	8.684	108	126269	44.732	ng/ul	95
19) Hexachloroethane	8.984	117	57263	45.552	ng/ul	92
22) Nitrobenzene	9.119	77	170819	49.398	ng/ul	98
23) Isophorone	9.643	82	297578	47.081	ng/ul	99
25) 2-Nitrophenol	9.825	139	64946	49.374	ng/ul	98
26) 2,4-Dimethylphenol	9.884	107	154051	44.574	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.119	93	164657	43.777	ng/ul	100
29) 2,4-Dichlorophenol	10.360	162	119023	43.192	ng/ul	97
30) Naphthalene	10.754	128	397889	43.355	ng/ul	99
32) 4-Chloroaniline	10.872	127	163191	42.744	ng/ul	99
33) Hexachlorobutadiene	11.031	225	83365	38.837	ng/ul	94
34) Caprolactam	11.654	113	37479m	47.307	ng/ul	
35) 4-Chloro-3-methylphenol	11.990	107	142547	47.504	ng/ul	97

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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 2-Methylnaphthalene	12.360	142	272869	42.912 ng/ul	100
37) 1-Methylnaphthalene	12.584	142	280676	43.239 ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.725	216	148463	36.846 ng/ul	97
40) Hexachlorocyclopentadiene	12.701	237	95317	33.619 ng/ul	98
41) 2,4,6-Trichlorophenol	12.972	196	91957	38.751 ng/ul	99
42) 2,4,5-Trichlorophenol	13.048	196	100235	39.392 ng/ul	94
43) 1,1'-Biphenyl	13.372	154	379199	40.186 ng/ul	97
44) 2-Chloronaphthalene	13.413	162	289519	39.786 ng/ul	100
45) 2-Nitroaniline	13.625	65	111844	58.312 ng/ul	96
47) Dimethylphthalate	13.989	163	367596	42.457 ng/ul	99
48) 2,6-Dinitrotoluene	14.119	165	74159	50.062 ng/ul	98
50) Acenaphthylene	14.260	152	487065	41.941 ng/ul	99
51) 3-Nitroaniline	14.448	138	73671	49.358 ng/ul	98
52) Acenaphthene	14.601	153	317686	41.935 ng/ul	97
53) 2,4-Dinitrophenol	14.654	184	40788	53.946 ng/ul	96
55) 4-Nitrophenol	14.760	109	73496	49.730 ng/ul	95
56) Dibenzofuran	14.936	168	460345	41.460 ng/ul	99
57) 2,4-Dinitrotoluene	14.901	165	111040	54.504 ng/ul#	92
58) 2,3,4,6-Tetrachlorophenol	15.160	232	84781	40.819 ng/ul#	99
59) Diethylphthalate	15.354	149	387868	44.727 ng/ul	99
61) Fluorene	15.583	166	378499	42.887 ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.572	204	187051	40.607 ng/ul	99
63) 4-Nitroaniline	15.613	138	81788	55.727 ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.660	198	64642	51.658 ng/ul	96
67) N-Nitrosodiphenylamine	15.789	169	324111	41.481 ng/ul	99
68) 4-Bromophenyl-phenylether	16.466	248	109498	37.064 ng/ul	97
69) Hexachlorobenzene	16.577	284	124257	36.714 ng/ul	97
70) Atrazine	16.736	200	126044	41.747 ng/ul	99
71) Pentachlorophenol	16.924	266	69706	35.631 ng/ul	94
72) Phenanthrene	17.319	178	614337	41.747 ng/ul	99
74) Anthracene	17.407	178	636806	43.152 ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.336	216	152966	35.055 ng/uL	96
76) Pentachlorobenzene	14.848	250	151208	35.346 ng/uL	99
77) Carbazole	17.683	167	567321	43.274 ng/ul	99
78) Di-n-butylphthalate	18.230	149	677288	47.246 ng/ul	99
80) Fluoranthene	19.324	202	753013	39.961 ng/ul	99
82) Pyrene	19.689	202	775332	40.523 ng/ul	98
83) Butylbenzylphthalate	20.571	149	316838	48.469 ng/ul	96
84) 3,3'-Dichlorobenzidine	21.354	252	260633	42.503 ng/ul	97
85) Benzo(a)anthracene	21.418	228	733215	41.648 ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.342	149	449329	48.494 ng/ul	98
87) Chrysene	21.471	228	700388	40.738 ng/ul	99
89) Di-n-octyl phthalate	22.242	149	778040	48.854 ng/ul	100
90) Benzo(b)fluoranthene	23.054	252	721286	40.974 ng/ul	99
91) Benzo(k)fluoranthene	23.101	252	689647	42.767 ng/ul	99
93) Benzo(a)pyrene	23.659	252	701680	42.178 ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.136	276	748886	40.424 ng/ul	98
95) Dibenzo(a,h)anthracene	26.147	278	648110	40.892 ng/ul	98
96) Benzo(g,h,i)perylene	26.871	276	643215	40.002 ng/ul	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed