

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041724\
 Data File : BM045328.D
 Acq On : 17 Apr 2024 21:56
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :

BNA_M

LabSampleId :

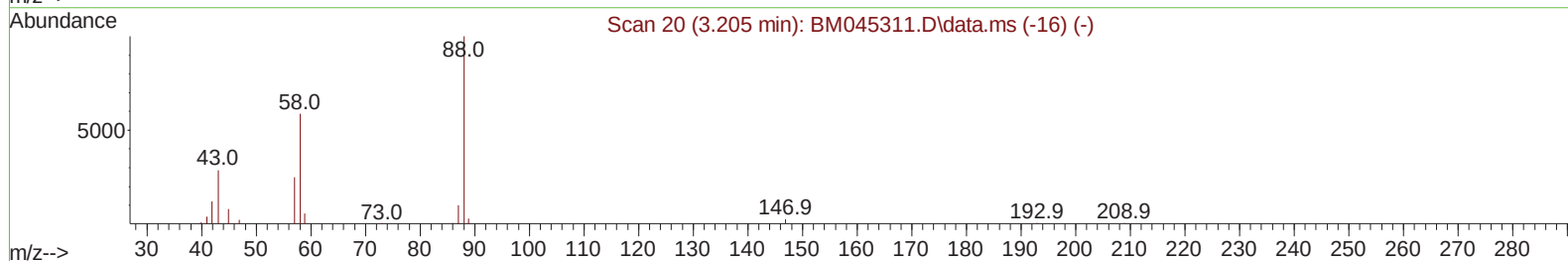
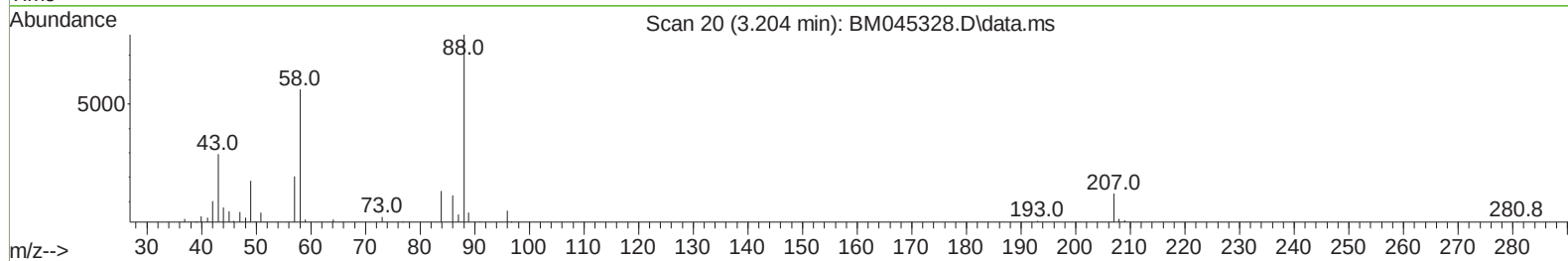
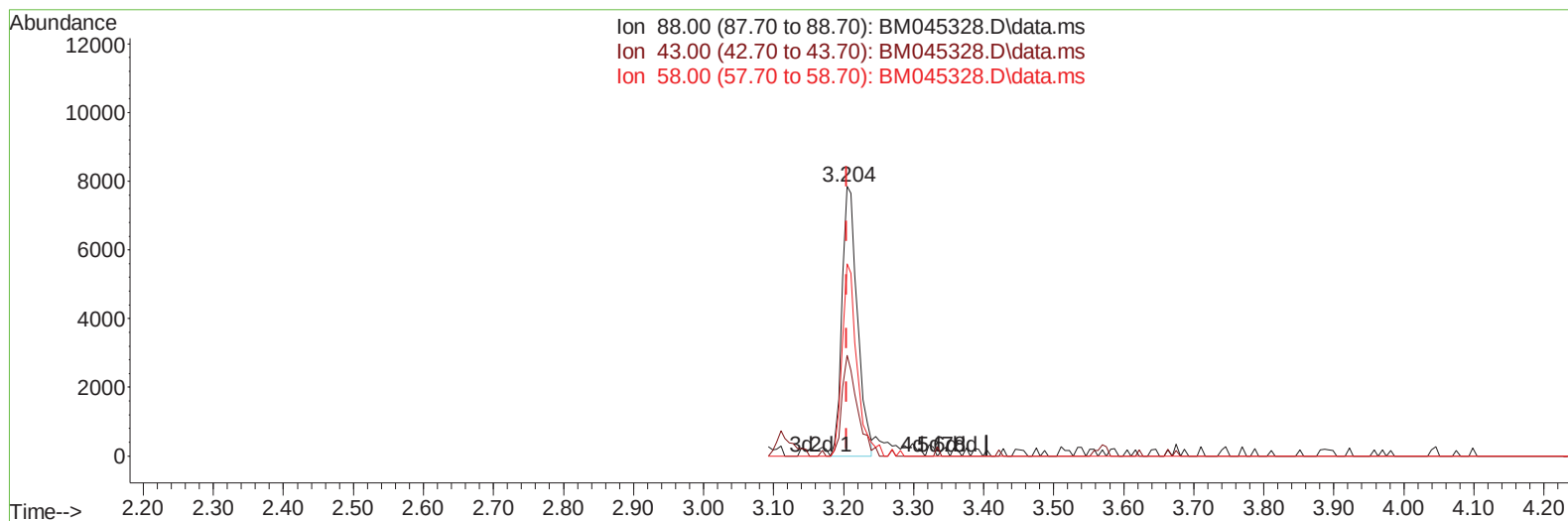
SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/19/2024

Supervised By :mohammad ahmed 04/25/2024

Quant Time: Apr 17 23:36:49 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM040524.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Apr 17 12:42:01 2024
 Response via : Initial Calibration



TIC: BM045328.D\data.ms

(2) 1,4-Dioxane

3.204min (-0.000) 6.77 ng/uL

response 12152

Ion	Exp%	Act%
88.00	100.00	100.00
43.00	30.00	37.45#
58.00	56.80	71.31#
0.00	0.00	0.00

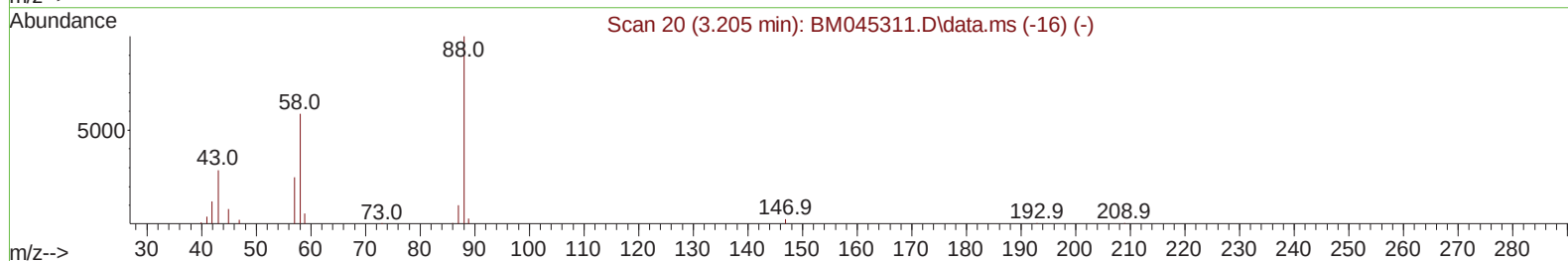
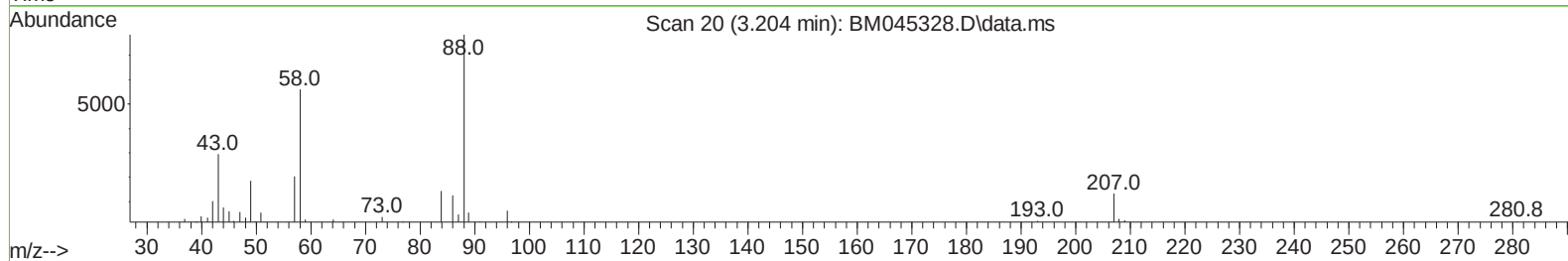
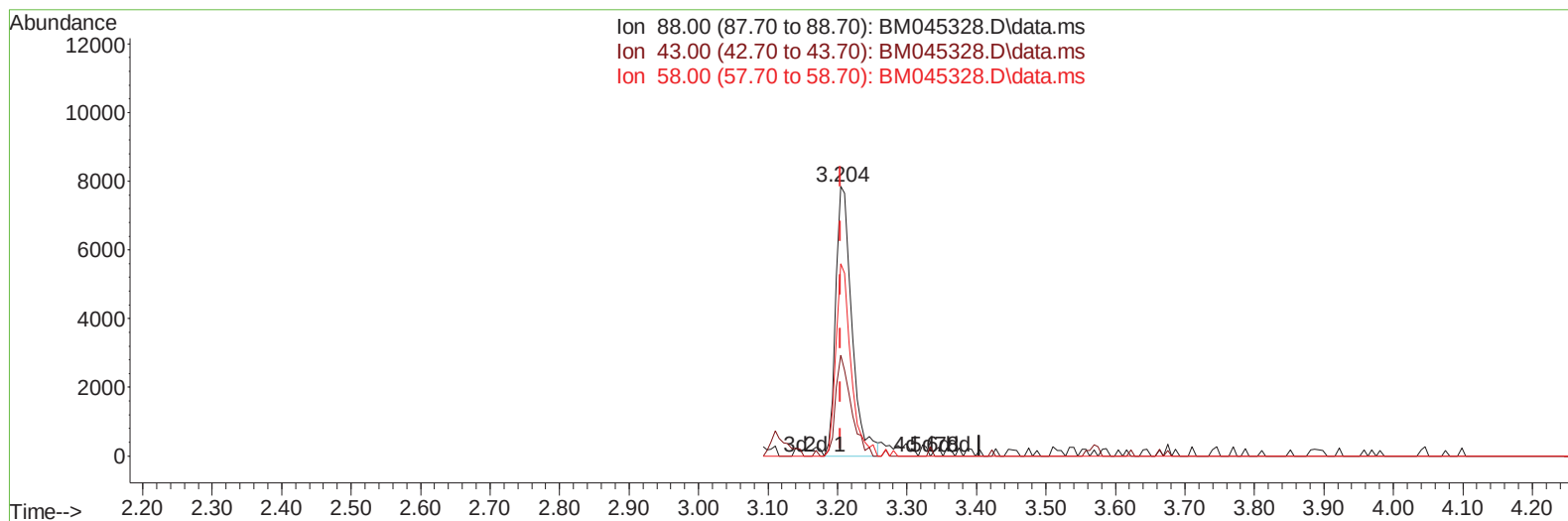
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(2) 1,4-Dioxane

3.204min (-0.000) 7.04 ng/uL m

response 12641

Ion	Exp%	Act%
88.00	100.00	100.00
43.00	30.00	37.45#
58.00	56.80	71.31#
0.00	0.00	0.00

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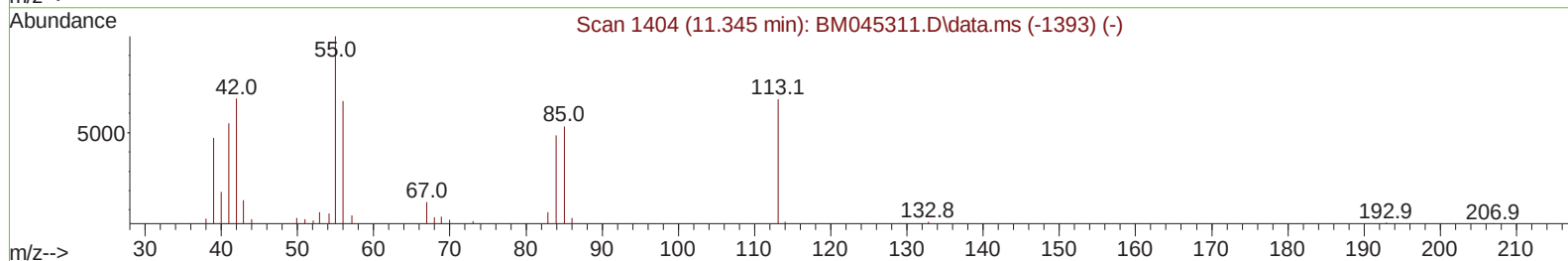
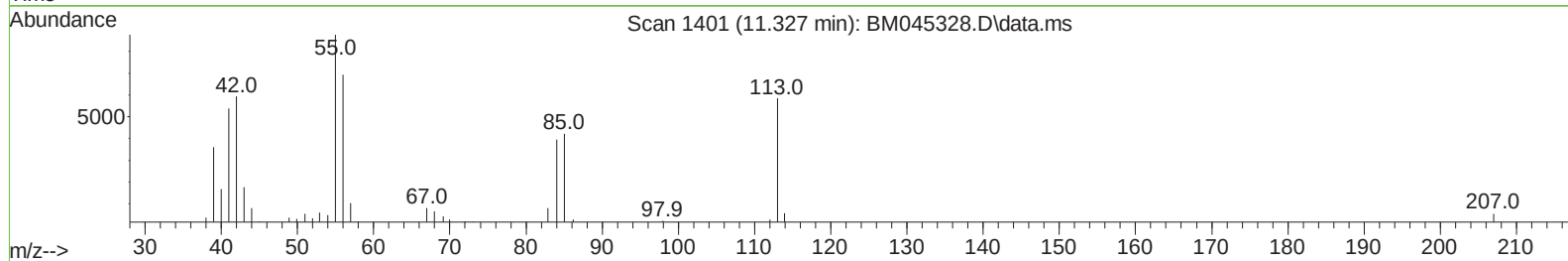
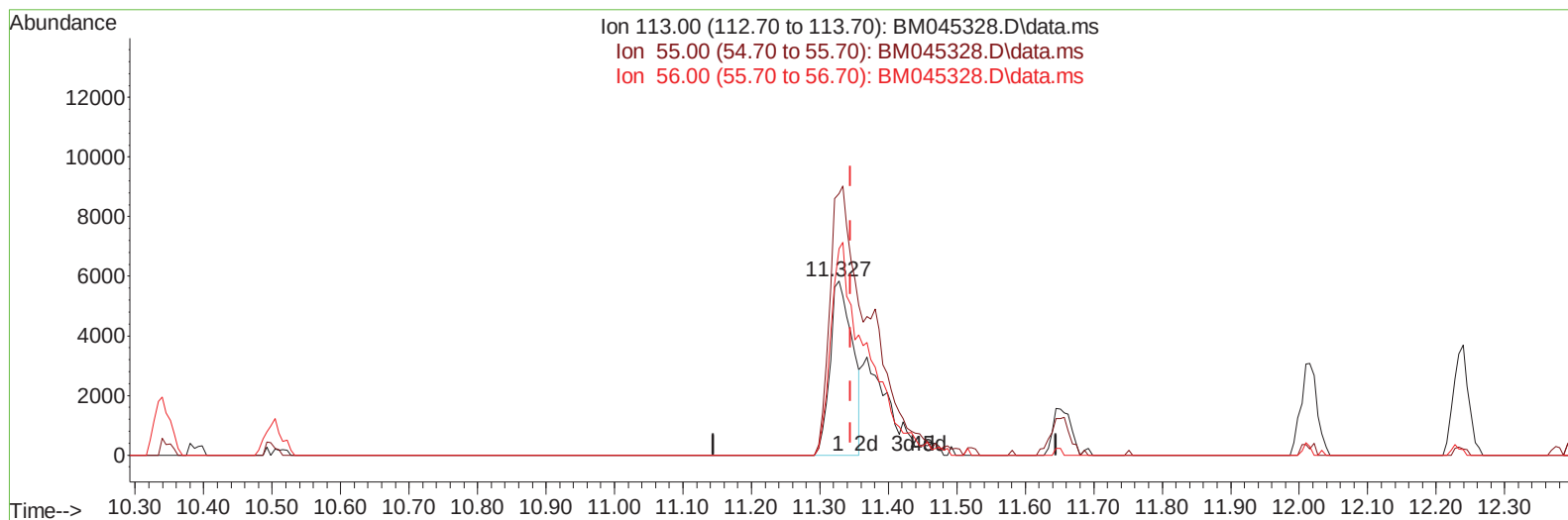
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(34) Caprolactam

11.327min (-0.018) 9.89 ng/u1

response 13322

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	156.70	150.08
56.00	114.80	118.61
0.00	0.00	0.00

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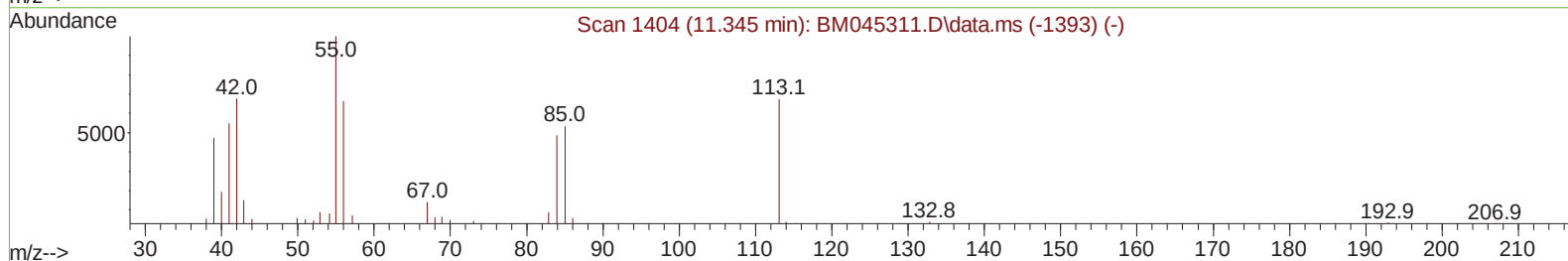
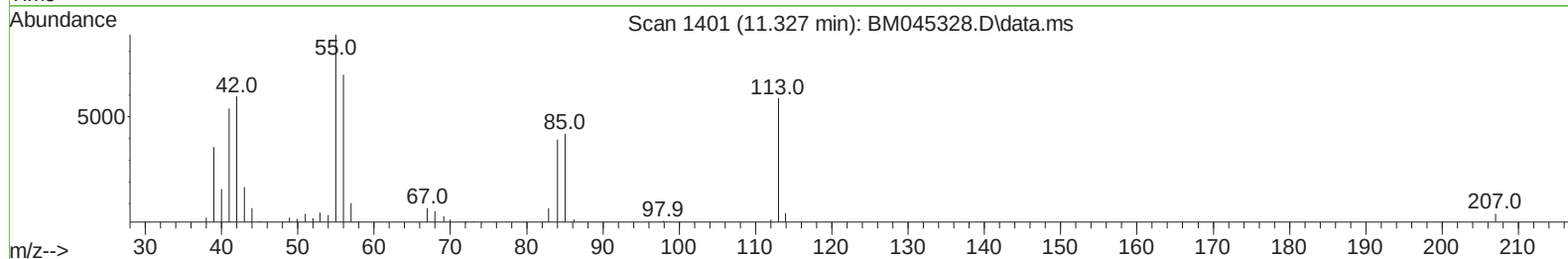
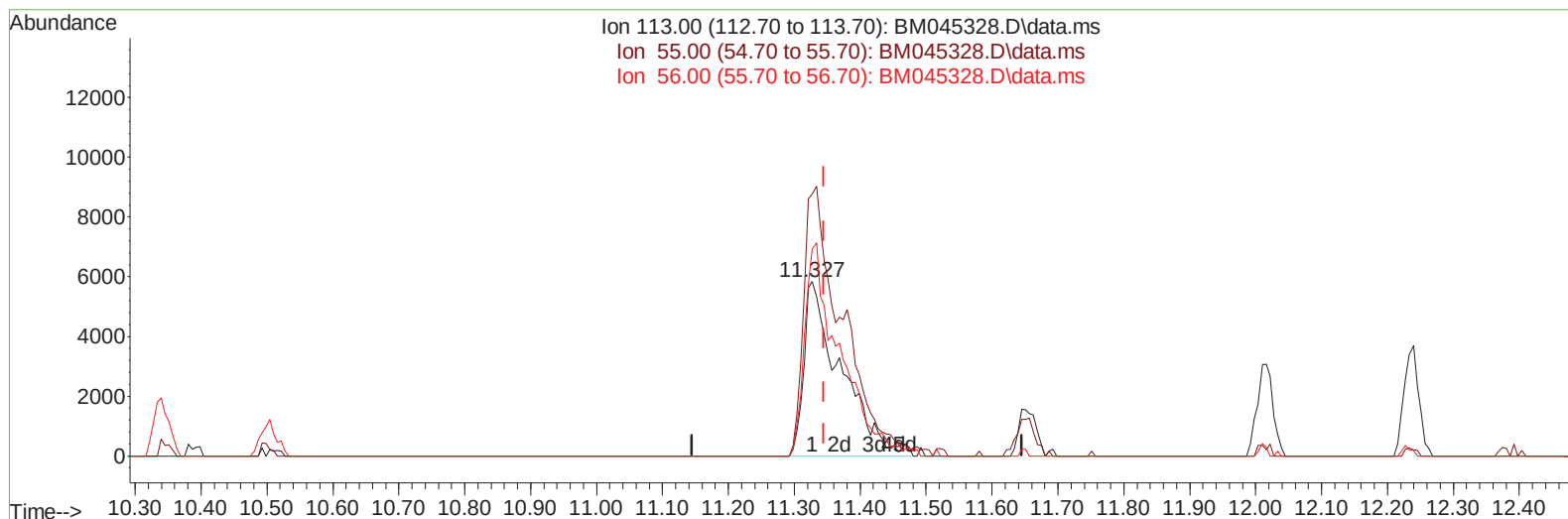
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TIC: BM045328.D\data.ms

(34) Caprolactam

11.327min (-0.018) 16.85 ng/ul m

response 22698

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	156.70	150.08
56.00	114.80	118.61
0.00	0.00	0.00

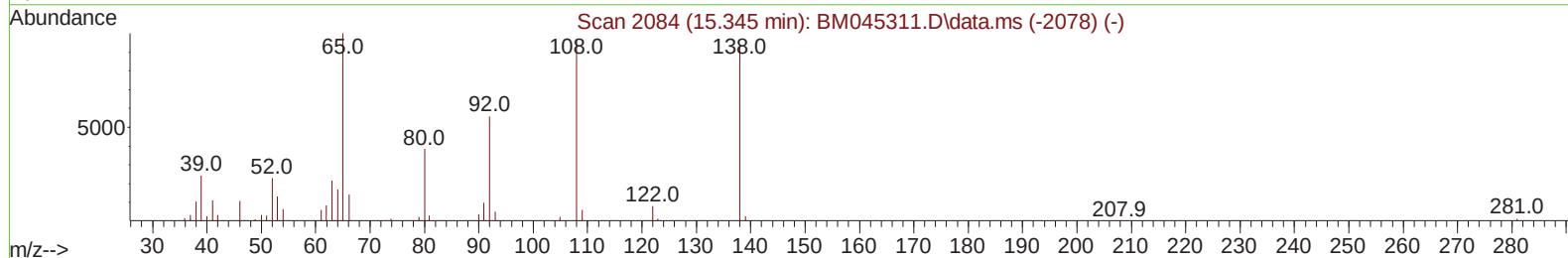
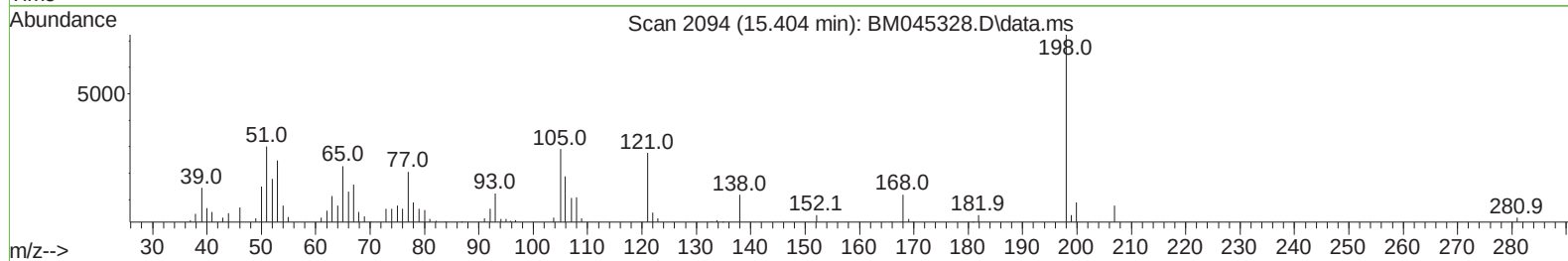
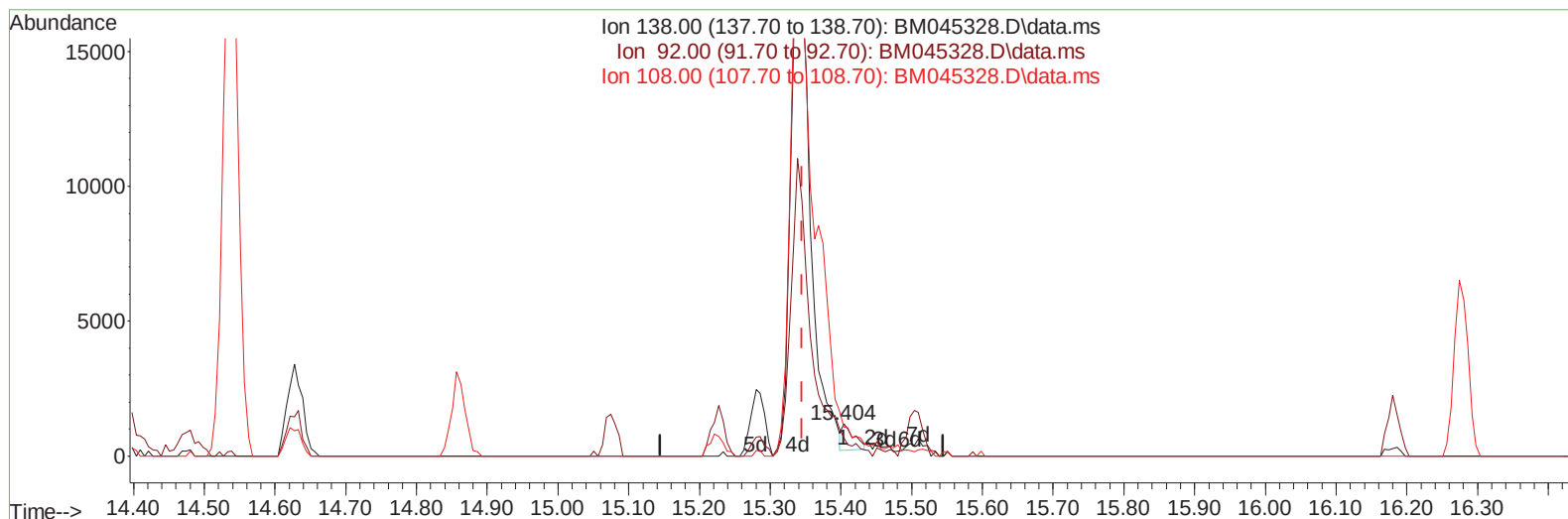
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TIC: BM045328.D\data.ms

(63) 4-Nitroaniline

15.404min (+ 0.059) 0.49 ng/ul

response 1130

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	49.70	56.26
108.00	83.00	91.88
0.00	0.00	0.00

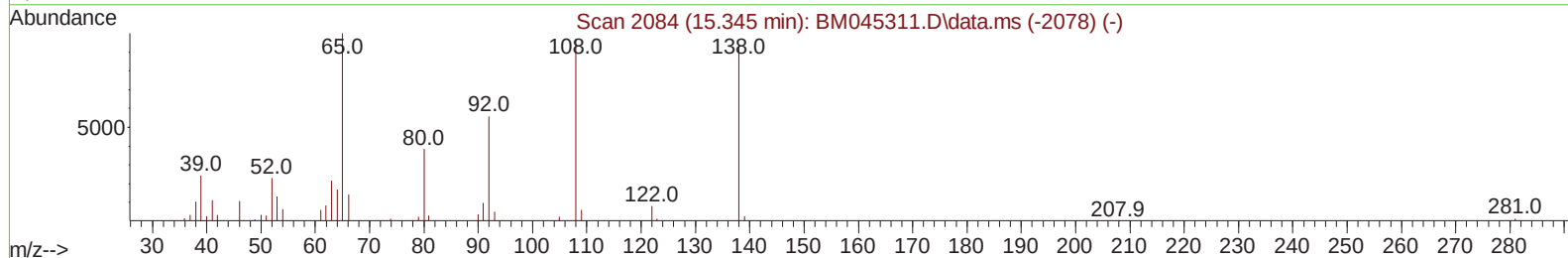
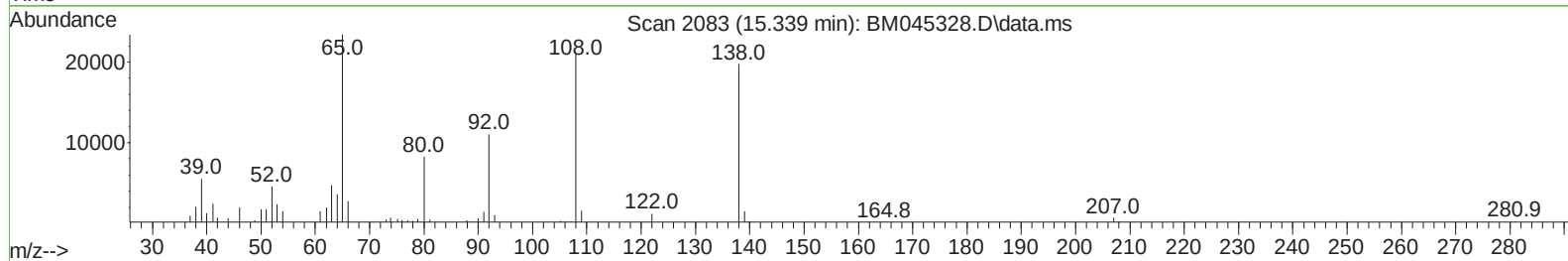
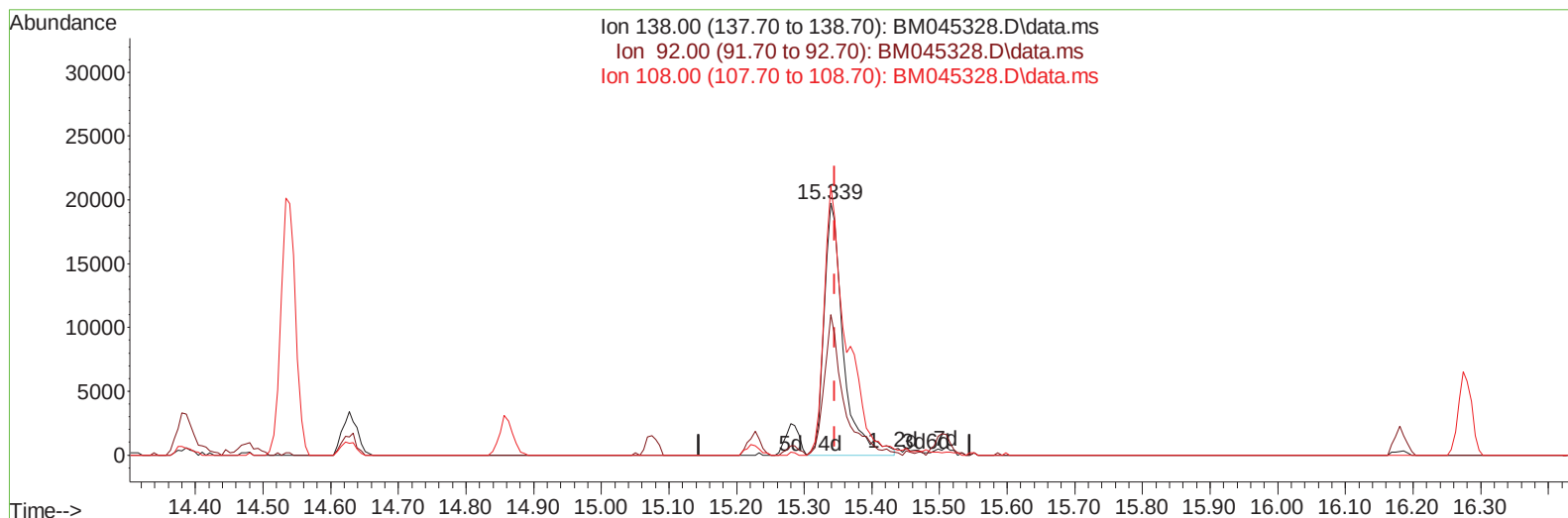
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TIC: BM045328.D\data.ms

(63) 4-Nitroaniline

15.339min (-0.006) 16.74 ng/ul m

response 38811

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	49.70	55.90
108.00	83.00	106.81#
0.00	0.00	0.00

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.569	152	64220	20.000	ng/ul	0.00
20) Naphthalene-d8	10.339	136	265663	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.221	164	163863	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.986	188	312052	20.000	ng/ul	0.00
79) Chrysene-d12	21.197	240	238717	20.000	ng/ul	0.00
88) Perylene-d12	23.397	264	286107	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.175	96	11992	6.973	ng/uL	0.00
4) Pyridine-d5	3.569	84	79683	17.038	ng/ul	0.00
7) Phenol-d5	6.757	99	97890	17.980	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.928	67	65385	20.158	ng/ul	0.00
11) 2-Chlorophenol-d4	7.104	132	86757	20.340	ng/ul	0.00
15) 4-Methylphenol-d8	8.281	113	81169	19.047	ng/ul	0.00
21) Nitrobenzene-d5	8.734	128	42814	20.981	ng/ul	0.00
24) 2-Nitrophenol-d4	9.445	143	45637	21.188	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.969	165	84567	21.415	ng/ul	0.00
31) 4-Chloroaniline-d4	10.504	131	117303	18.657	ng/ul	0.00
46) Dimethylphthalate-d6	13.651	166	237852	20.847	ng/ul	0.00
49) Acenaphthylene-d8	13.916	160	273789	20.313	ng/ul	0.00
54) 4-Nitrophenol-d4	14.463	143	34123	14.331	ng/ul	0.00
60) Fluorene-d10	15.227	176	196343	19.303	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.374	200	31979	17.284	ng/ul	0.00
73) Anthracene-d10	17.086	188	284029	20.233	ng/ul	0.00
81) Pyrene-d10	19.392	212	282794	24.059	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.256	264	285940	20.487	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.204	88	12641m	7.038	ng/uL	
5) Pyridine	3.587	79	83872	16.925	ng/ul	99
6) Benzaldehyde	6.745	77	63827	25.290	ng/ul	99
8) Phenol	6.787	94	101682	18.036	ng/ul#	94
10) Bis(2-Chloroethyl)ether	7.022	93	86473	19.653	ng/ul	96
12) 2-Chlorophenol	7.140	128	88181	19.703	ng/ul	99
13) 2-Methylphenol	8.016	108	79953	19.213	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.092	45	105440	20.092	ng/ul	97
16) Acetophenone	8.404	105	133856	19.320	ng/ul	95
17) N-Nitroso-di-n-propyla...	8.386	70	67884	20.752	ng/ul	92
18) 4-Methylphenol	8.345	108	86431	19.270	ng/ul	96
19) Hexachloroethane	8.622	117	41874	21.272	ng/ul	98
22) Nitrobenzene	8.775	77	109002	21.772	ng/ul	94
23) Isophorone	9.298	82	195709	21.276	ng/ul	98
25) 2-Nitrophenol	9.475	139	51400	21.501	ng/ul#	84
26) 2,4-Dimethylphenol	9.539	107	94807	20.570	ng/ul	96
27) Bis(2-Chloroethoxy)met...	9.781	93	118087	21.655	ng/ul	98
29) 2,4-Dichlorophenol	9.998	162	83655	20.967	ng/ul	97
30) Naphthalene	10.392	128	283681	20.171	ng/ul	98
32) 4-Chloroaniline	10.528	127	114295	18.682	ng/ul	98
33) Hexachlorobutadiene	10.657	225	50344	20.294	ng/ul	99
34) Caprolactam	11.327	113	22698m	16.851	ng/ul	
35) 4-Chloro-3-methylphenol	11.651	107	80936	20.407	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.016	142	186882	20.352	ng/ul	97
37) 1-Methylnaphthalene	12.233	142	190635	20.516	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.386	216	92212	20.577	ng/ul	97
40) Hexachlorocyclopentadiene	12.345	237	57765	21.294	ng/ul	98
41) 2,4,6-Trichlorophenol	12.645	196	60864	20.820	ng/ul	96
42) 2,4,5-Trichlorophenol	12.716	196	66716	20.713	ng/ul	97
43) 1,1'-Biphenyl	13.051	154	244736	21.151	ng/ul	99
44) 2-Chloronaphthalene	13.086	162	193570	20.591	ng/ul	98
45) 2-Nitroaniline	13.321	65	53295	20.537	ng/ul	98
47) Dimethylphthalate	13.698	163	242624	20.345	ng/ul	99
48) 2,6-Dinitrotoluene	13.833	165	46324	19.819	ng/ul	91
50) Acenaphthylene	13.945	152	317659	20.179	ng/ul	99
51) 3-Nitroaniline	14.163	138	47427	18.602	ng/ul	91
52) Acenaphthene	14.286	153	212783	20.257	ng/ul	98
53) 2,4-Dinitrophenol	14.386	184	18171	13.076	ng/ul	91
55) 4-Nitrophenol	14.474	109	31045	14.825	ng/ul	89
56) Dibenzofuran	14.627	168	274405	19.090	ng/ul	96
57) 2,4-Dinitrotoluene	14.627	165	65153	18.622	ng/ul#	84
58) 2,3,4,6-Tetrachlorophenol	14.857	232	52926	19.199	ng/ul	98
59) Diethylphthalate	15.074	149	249610	20.517	ng/ul	99
61) Fluorene	15.280	166	222665	18.379	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.286	204	103737	18.268	ng/ul	94
63) 4-Nitroaniline	15.339	138	38811m	16.743	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.386	198	34490	17.406	ng/ul#	91
67) N-Nitrosodiphenylamine	15.504	169	185107	21.989	ng/ul	98
68) 4-Bromophenyl-phenylether	16.180	248	67173	22.102	ng/ul	94
69) Hexachlorobenzene	16.280	284	80284	20.308	ng/ul	95
70) Atrazine	16.474	200	60370	19.496	ng/ul	97
71) Pentachlorophenol	16.639	266	40976	17.063	ng/ul	95
72) Phenanthrene	17.027	178	339789	20.234	ng/ul	99
74) Anthracene	17.121	178	346821	20.190	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.004	216	89575	22.775	ng/uL	97
76) Pentachlorobenzene	14.539	250	93987	22.460	ng/uL	95
77) Carbazole	17.409	167	295299	17.828	ng/ul	100
78) Di-n-butylphthalate	17.974	149	391815	20.976	ng/ul	99
80) Fluoranthene	19.056	202	346467	24.991	ng/ul	99
82) Pyrene	19.421	202	365026	24.399	ng/ul	100
83) Butylbenzylphthalate	20.350	149	144913	23.119	ng/ul	92
84) 3,3'-Dichlorobenzidine	21.133	252	98852	18.624	ng/ul	96
85) Benzo(a)anthracene	21.180	228	317669	19.612	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.127	149	214712	21.914	ng/ul	98
87) Chrysene	21.233	228	297842	19.725	ng/ul	98
89) Di-n-octyl phthalate	22.003	149	350209	19.455	ng/ul	100
90) Benzo(b)fluoranthene	22.738	252	342454	20.537	ng/ul	99
91) Benzo(k)fluoranthene	22.786	252	330096	19.667	ng/ul	99
93) Benzo(a)pyrene	23.297	252	327060	20.153	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.591	276	439375	20.900	ng/ul	99
95) Dibenzo(a,h)anthracene	25.603	278	368691	20.977	ng/ul	98
96) Benzo(g,h,i)perylene	26.256	276	359609	21.683	ng/ul	99

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

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