

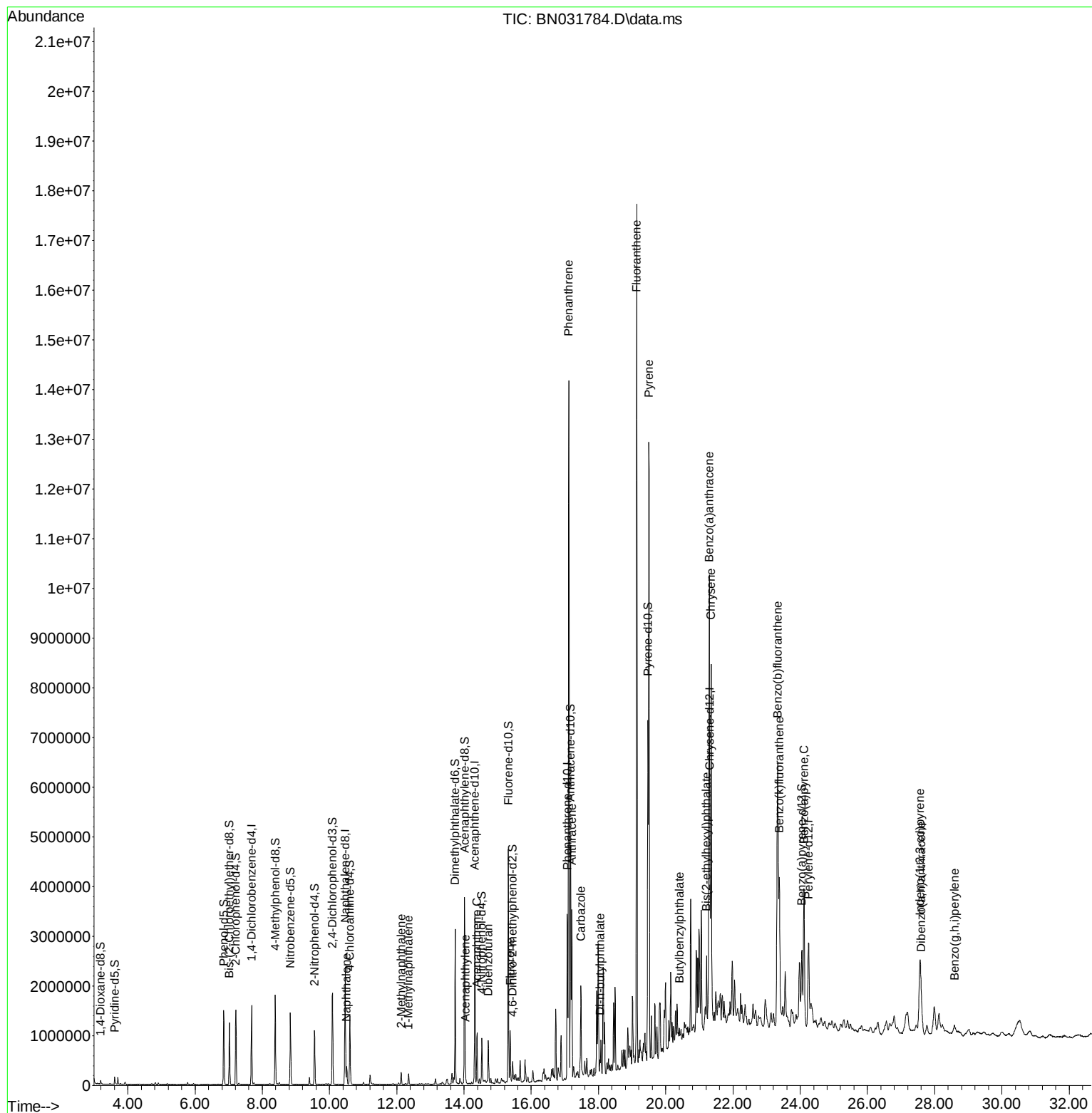
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
 Data File : BN031784.D
 Acq On : 04 Jun 2024 20:11
 Operator : MA/JU
 Sample : P2591-17
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BHBW3

Manual IntegrationsAPPROVED

Quant Time: Jun 05 01:21:14 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 29 15:13:07 2024
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 06/05/2024
 Supervised By :mohammad ahmed 06/07/2024



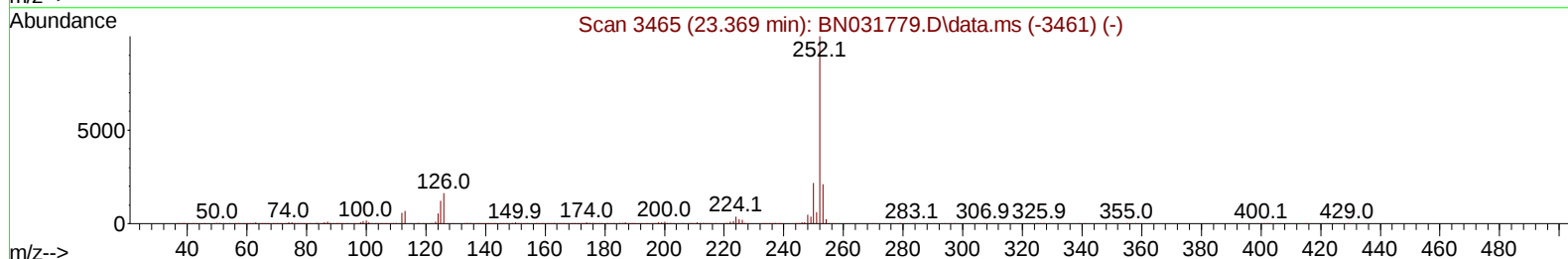
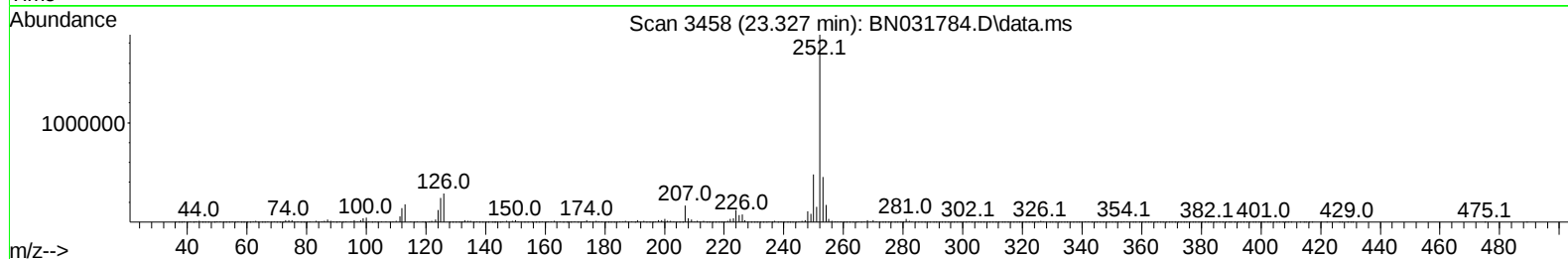
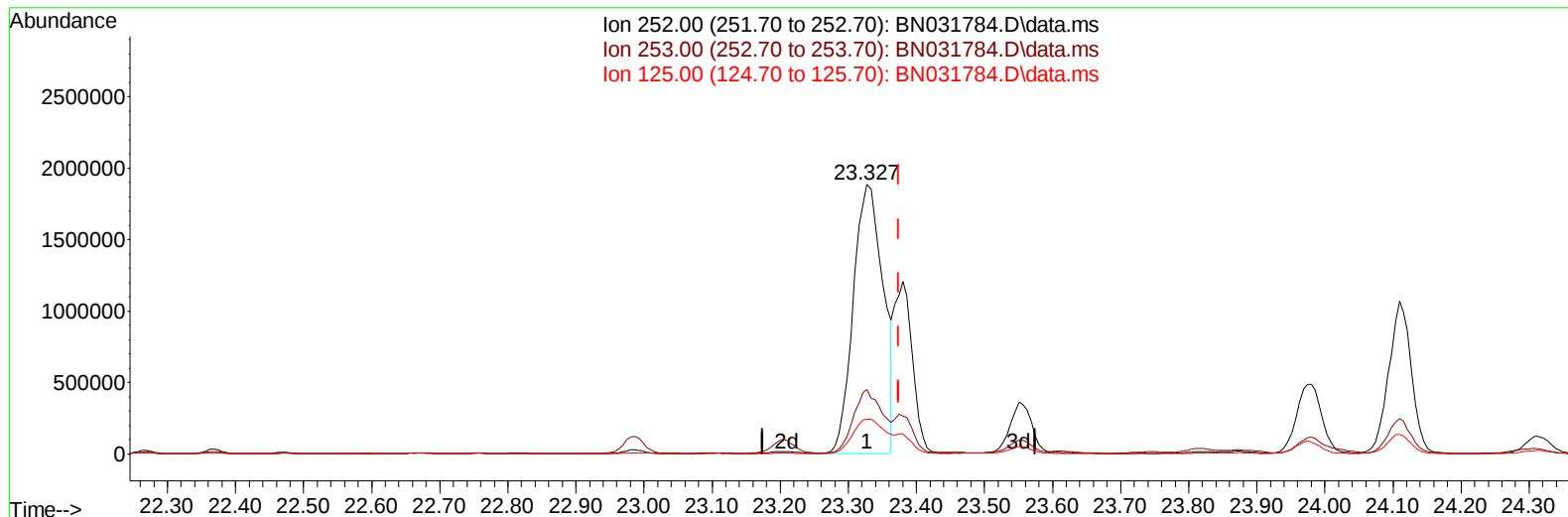
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TIC: BN031784.D\data.ms

(91) Benzo(k)fluoranthene

23.327min (-0.047) 67.01 ng/u1

response 5758370

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.00	23.96
125.00	11.80	12.90
0.00	0.00	0.00

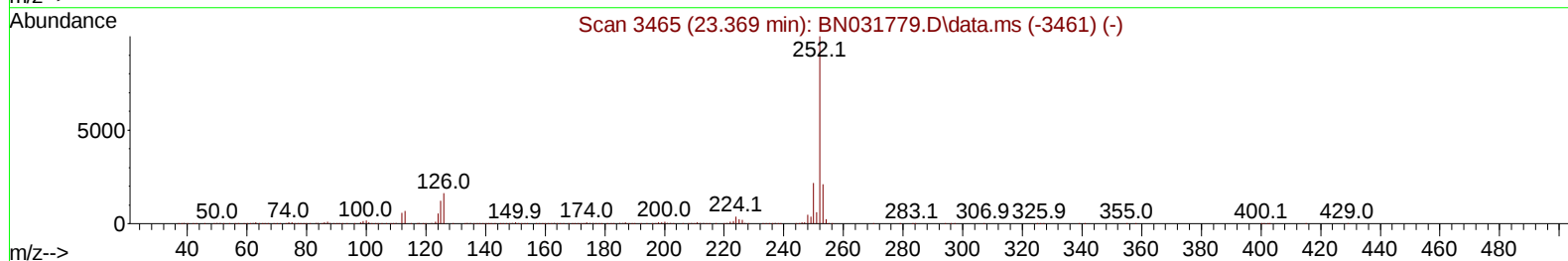
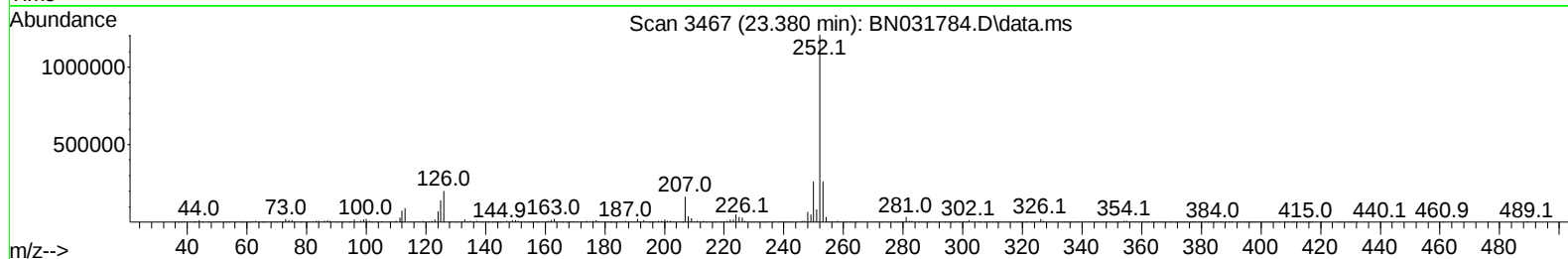
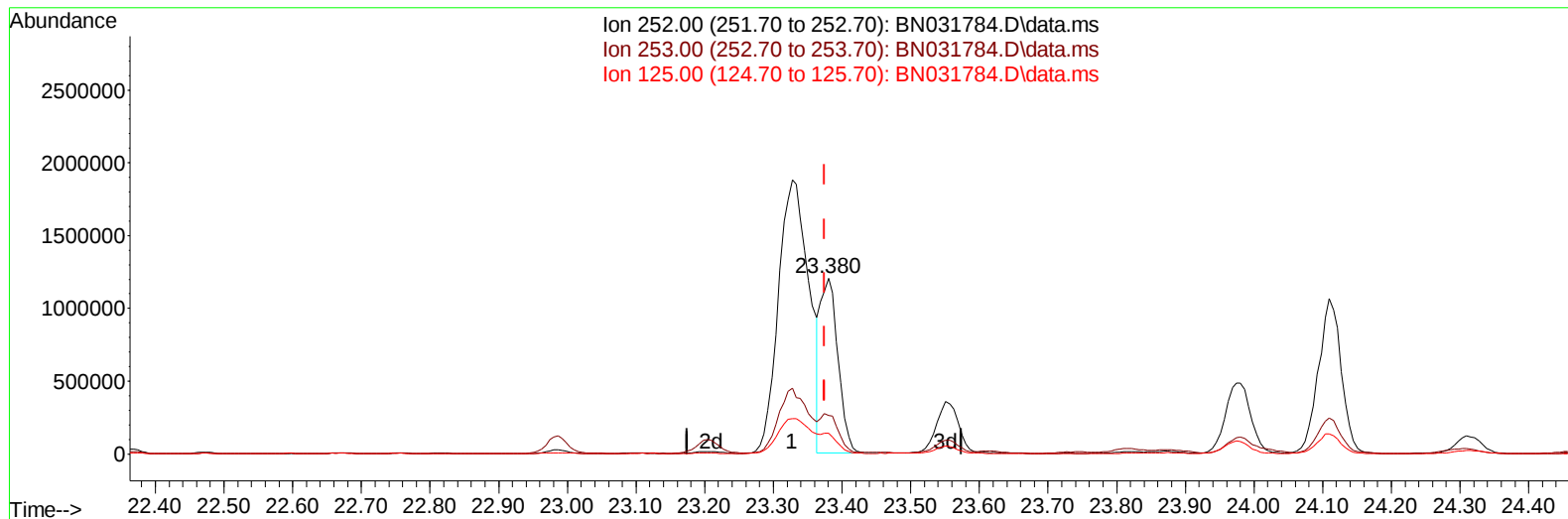
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(91) Benzo(k)fluoranthene

23.380min (+ 0.006) 25.11 ng/ul m

response 2157701

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.00	21.80
125.00	11.80	11.63
0.00	0.00	0.00

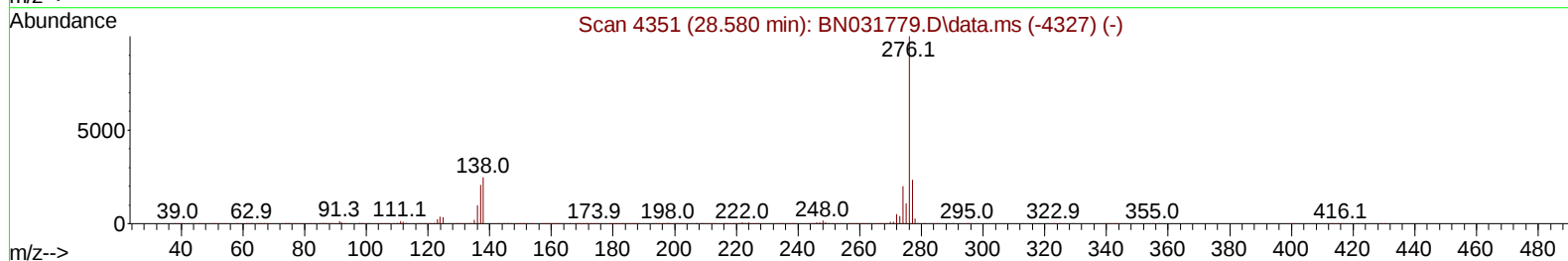
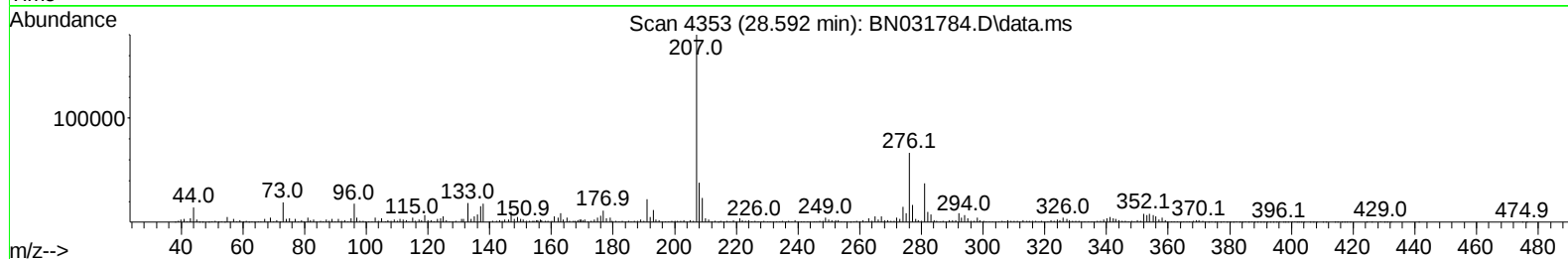
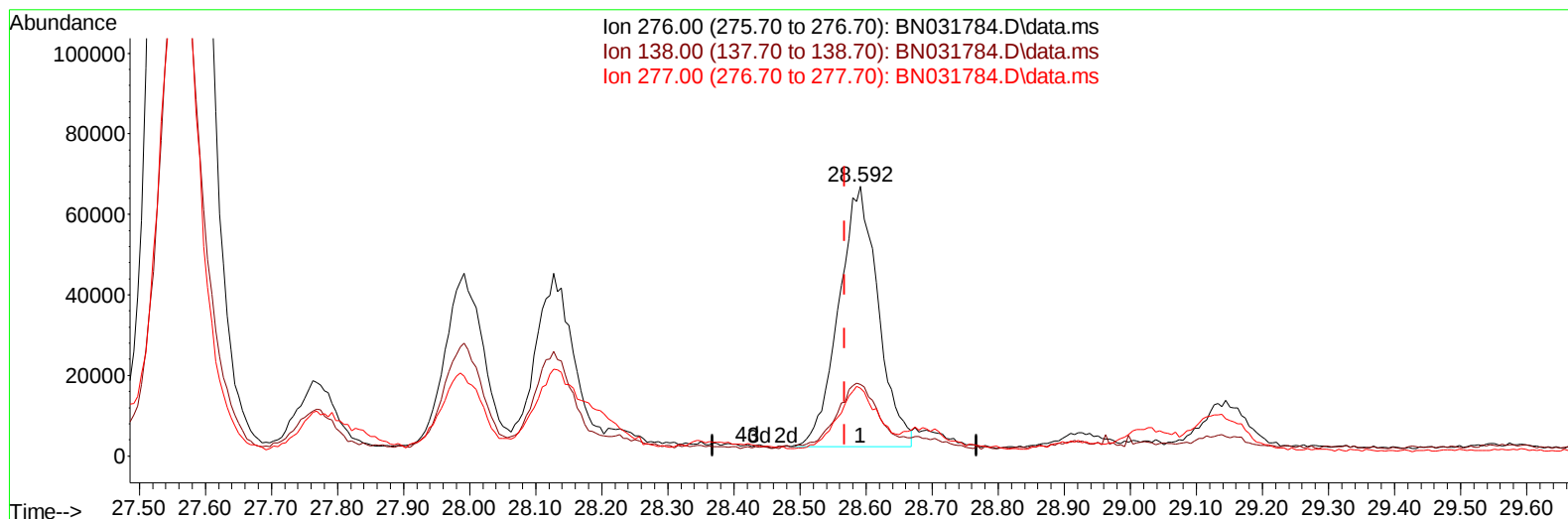
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TIC: BN031784.D\data.ms

(96) Benzo(g,h,i)perylene

28.592min (+ 0.023) 3.57 ng/u1

response 268517

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	26.10	26.59
277.00	22.50	25.16
0.00	0.00	0.00

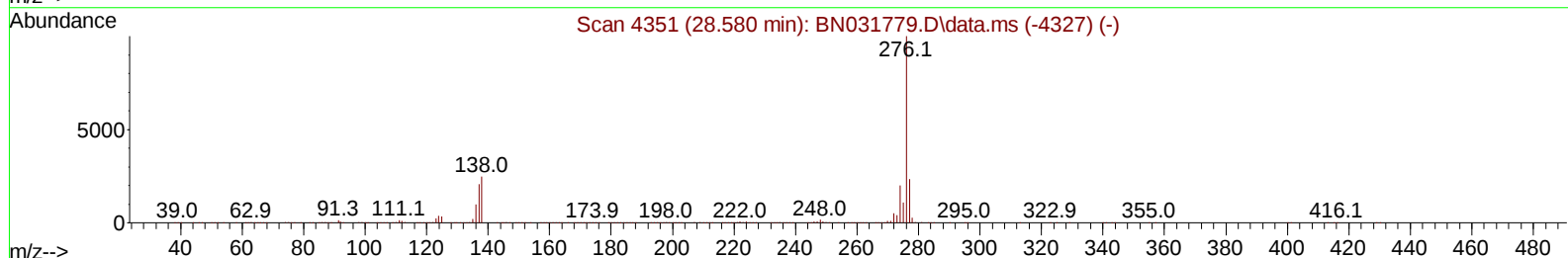
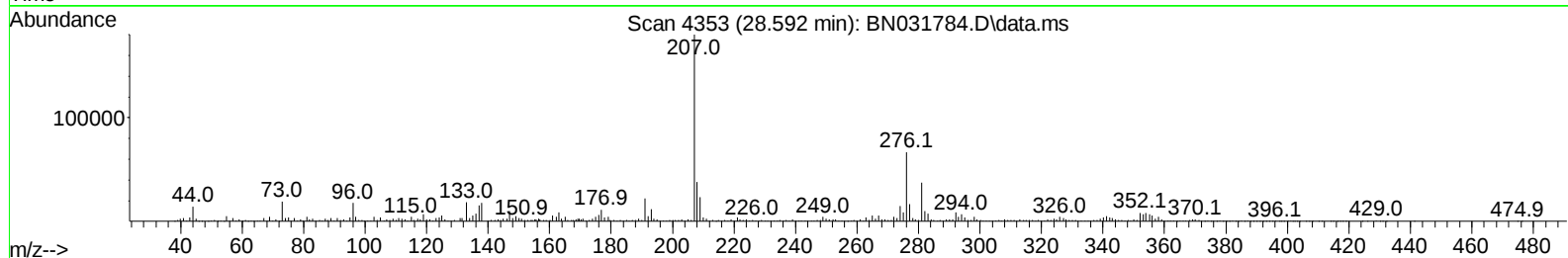
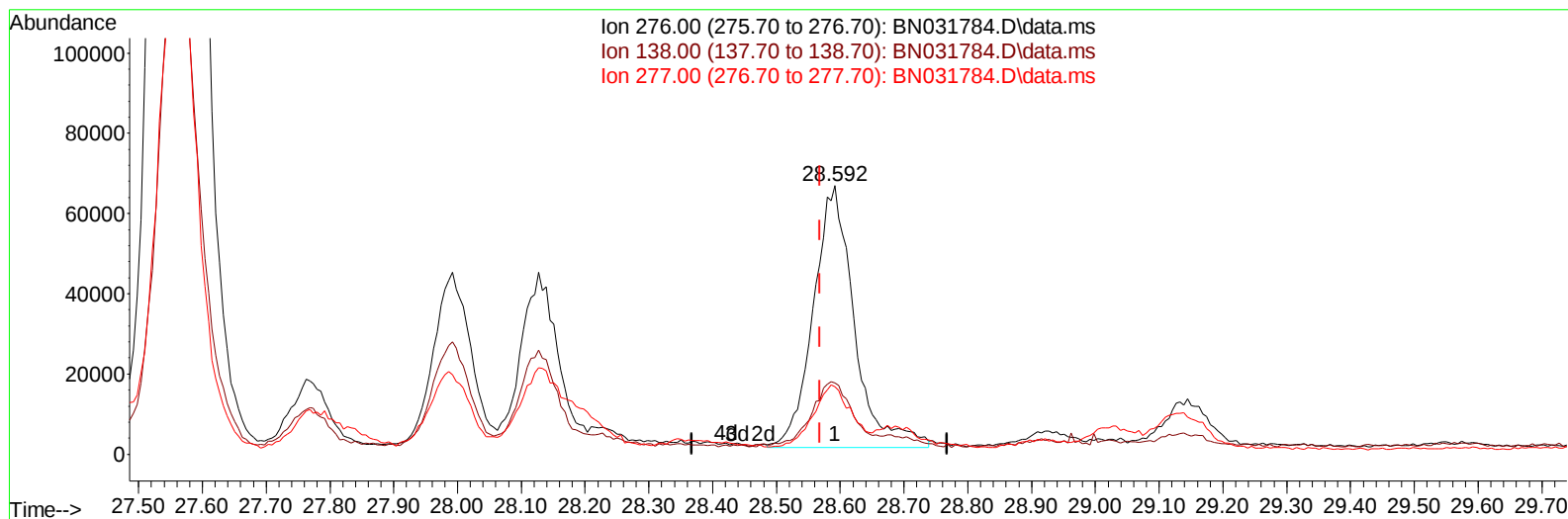
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TIC: BN031784.D\data.ms

(96) Benzo(g,h,i)perylene

28.592min (+ 0.023) 3.86 ng/ul m

response 290370

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	26.10	26.59
277.00	22.50	25.16
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	7.681	152	469855	20.000	ng/ul	0.00
20) Naphthalene-d8	10.463	136	2016012	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.322	164	1200444	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.069	188	2112676	20.000	ng/ul	0.00
79) Chrysene-d12	21.310	240	1198898	20.000	ng/ul	0.00
88) Perylene-d12	24.251	264	1465113	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.193	96	41362	3.642	ng/uL	0.00
4) Pyridine-d5	3.605	84	80801	2.527	ng/ul	0.00
7) Phenol-d5	6.852	99	919258	22.822	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.022	67	533757	22.655	ng/ul	0.00
11) 2-Chlorophenol-d4	7.211	132	749282	24.379	ng/ul	0.00
15) 4-Methylphenol-d8	8.381	113	728573	22.189	ng/ul	0.00
21) Nitrobenzene-d5	8.834	128	393973	25.559	ng/ul	0.00
24) 2-Nitrophenol-d4	9.552	143	390211	24.506	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.087	165	724610	24.376	ng/ul	0.00
31) 4-Chloroaniline-d4	10.604	131	778724	17.644	ng/ul	0.00
46) Dimethylphthalate-d6	13.740	166	2159301	25.820	ng/ul	0.00
49) Acenaphthylene-d8	14.016	160	2527331	26.282	ng/ul	0.00
54) 4-Nitrophenol-d4	14.528	143	203061	12.127	ng/ul	0.00
60) Fluorene-d10	15.316	176	1837785	25.972	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.445	200	88108	8.297	ng/ul	0.00
73) Anthracene-d10	17.169	188	2540955	28.093	ng/ul	0.00
81) Pyrene-d10	19.469	212	2015861	31.421	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.051	264	1385956	19.811	ng/ul	0.01
Target Compounds						
					Qvalue	
30) Naphthalene	10.510	128	300199	2.877	ng/ul	98
36) 2-Methylnaphthalene	12.128	142	119830	1.680	ng/ul	99
37) 1-Methylnaphthalene	12.351	142	107671	1.505	ng/ul	98
50) Acenaphthylene	14.040	152	157832	1.452	ng/ul	99
52) Acenaphthene	14.387	153	398616	5.543	ng/ul	99
56) Dibenzofuran	14.722	168	507824	5.198	ng/ul	100
61) Fluorene	15.375	166	463439	5.891	ng/ul	95
72) Phenanthrene	17.116	178	8937691	83.047	ng/ul	99
74) Anthracene	17.204	178	2033066	18.643	ng/ul	99
77) Carbazole	17.475	167	1122891	12.076	ng/ul	98
78) Di-n-butylphthalate	18.045	149	205759	1.608	ng/ul	100
80) Fluoranthene	19.139	202	10994735	143.399	ng/ul	99
82) Pyrene	19.498	202	7966163	101.266	ng/ul	98
83) Butylbenzylphthalate	20.404	149	61679	1.660	ng/ul	94
85) Benzo(a)anthracene	21.286	228	4868281	60.666	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.216	149	598623	11.053	ng/ul	98
87) Chrysene	21.351	228	4525070	60.369	ng/ul	97
90) Benzo(b)fluoranthene	23.327	252	5759030	65.762	ng/ul	95
91) Benzo(k)fluoranthene	23.380	252	2157701m	25.109	ng/ul	
93) Benzo(a)pyrene	24.110	252	2464018	30.042	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	27.562	276	2169212	22.951	ng/ul	98
95) Dibenzo(a,h)anthracene	27.604	278	785740	10.183	ng/ul	95
96) Benzo(g,h,i)perylene	28.592	276	290370m	3.865	ng/ul	

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Compound	R.T.	Q	Ion	Response	Conc	Units	Dev	(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed