

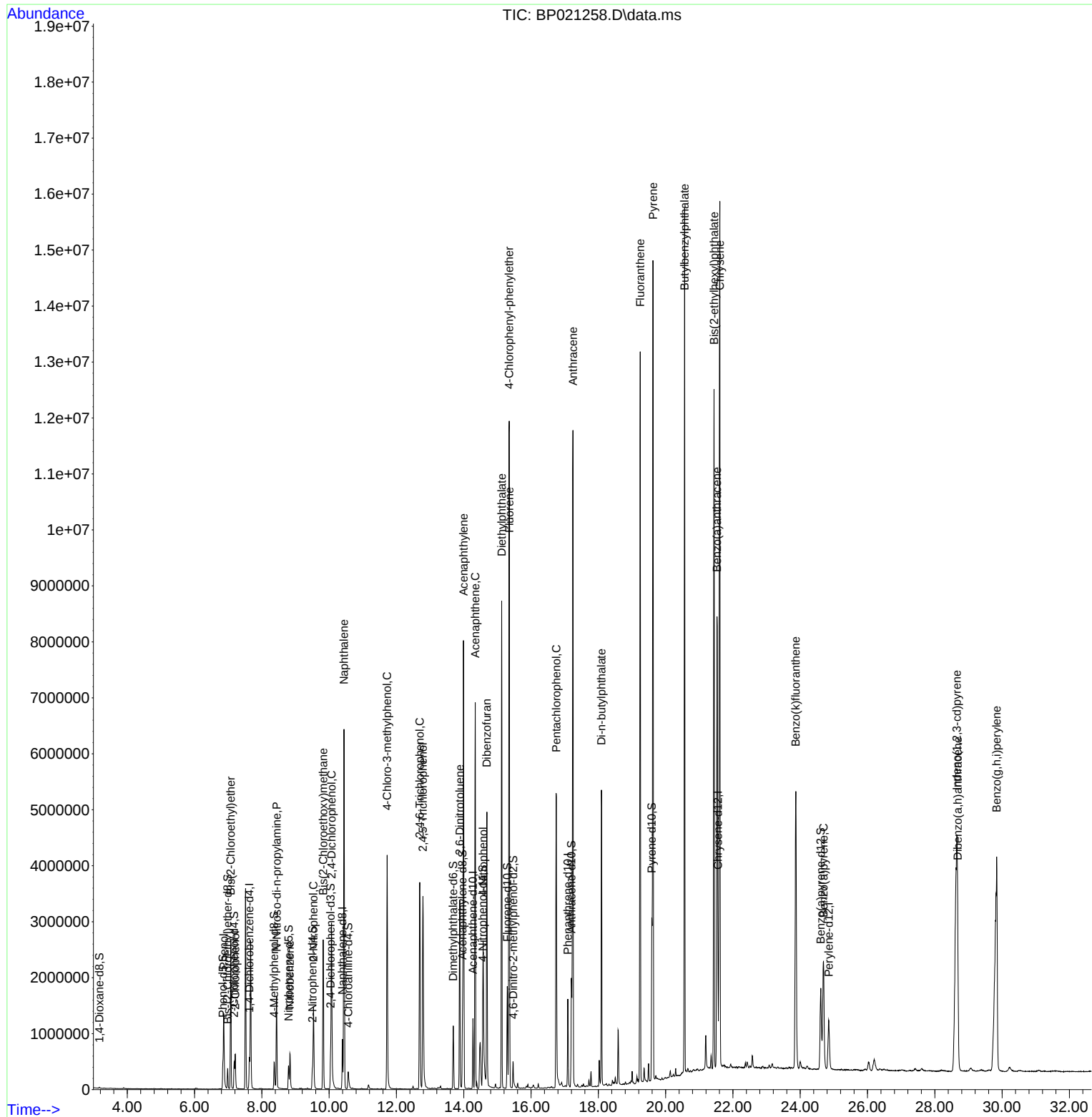
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072924\
Data File : BP021258.D
Acq On : 31 Jul 2024 12:35
Operator : CG/JU
Sample : P3264-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4DK9

Manual IntegrationsAPPROVED

Quant Time: Jul 31 13:07:07 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 29 12:46:18 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 09/02/2024
Supervised By :mohammad ahmed 09/04/2024



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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.628	152	161928	20.000	ng/u1	0.00
20) Naphthalene-d8	10.393	136	645518	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.275	164	424754	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.092	188	970150	20.000	ng/u1	0.00
79) Chrysene-d12	21.551	240	1005830	20.000	ng/u1	# 0.02
88) Perylene-d12	24.851	264	1050891	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.170	96	10728	3.015	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	6.840	99	268648	20.350	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.981	67	152254	19.031	ng/u1	0.00
11) 2-Chlorophenol-d4	7.175	132	229091	21.062	ng/u1	0.00
15) 4-Methylphenol-d8	8.364	113	216747	19.768	ng/u1	0.00
21) Nitrobenzene-d5	8.793	128	113242	22.586	ng/u1	0.00
24) 2-Nitrophenol-d4	9.505	143	131009	22.829	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.040	165	291921	28.132	ng/u1	-0.01
31) 4-Chloroaniline-d4	10.563	131	236580	17.210	ng/u1	0.00
46) Dimethylphthalate-d6	13.687	166	917579	29.717	ng/u1	0.00
49) Acenaphthylene-d8	13.963	160	946094	27.288	ng/u1	0.00
54) 4-Nitrophenol-d4	14.563	143	143380	32.637	ng/u1	-0.02
60) Fluorene-d10	15.293	176	762274	30.092	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.469	200	134828	22.969	ng/u1	0.00
73) Anthracene-d10	17.198	188	1291209	29.966	ng/u1	0.00
81) Pyrene-d10	19.586	212	1675633	26.946	ng/u1	0.01
92) Benzo(a)pyrene-d12	24.610	264	1697561	32.753	ng/u1	0.01
Target Compounds						
					Qvalue	
8) Phenol	6.869	94	905003	67.747	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.075	93	1438403	130.344	ng/u1	95
12) 2-Chlorophenol	7.211	128	289170	26.526	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.440	70	632626	71.347	ng/u1	92
22) Nitrobenzene	8.834	77	358953	29.887	ng/u1	94
25) 2-Nitrophenol	9.534	139	528799	88.354	ng/u1	95
27) Bis(2-Chloroethoxy)met...	9.822	93	1721325	118.601	ng/u1	98
29) 2,4-Dichlorophenol	10.069	162	1244635	121.706	ng/u1	97
30) Naphthalene	10.440	128	5028165	148.084	ng/u1	99
35) 4-Chloro-3-methylphenol	11.722	107	1592989	143.304	ng/u1	98
41) 2,4,6-Trichlorophenol	12.693	196	1127883	129.399	ng/u1	98
42) 2,4,5-Trichlorophenol	12.787	196	1287598	139.619	ng/u1	100
48) 2,6-Dinitrotoluene	13.881	165	804707	128.470	ng/u1	94
50) Acenaphthylene	13.993	152	5606893	142.831	ng/u1	99
52) Acenaphthene	14.340	153	2923155	112.193	ng/u1	99
55) 4-Nitrophenol	14.575	109	714787	200.017	ng/u1	90
56) Dibenzofuran	14.687	168	3348449	93.849	ng/u1	96
59) Diethylphthalate	15.128	149	4839985	154.578	ng/u1	98
61) Fluorene	15.357	166	2442169	83.879	ng/u1	100
62) 4-Chlorophenyl-phenyle...	15.345	204	2625821	166.204	ng/u1	95
71) Pentachlorophenol	16.751	266	1268030	179.065	ng/u1	97
74) Anthracene	17.245	178	7897402	153.924	ng/u1	99
78) Di-n-butylphthalate	18.092	149	3954471	68.339	ng/u1	100
80) Fluoranthene	19.245	202	8084411	107.653	ng/u1	97

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 Quant Title : SVOA CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

82) Pyrene	19.628	202	10050925	131.525	ng/ul	96
83) Butylbenzylphthalate	20.563	149	4996691	156.935	ng/ul	92
85) Benzo(a)anthracene	21.528	228	6060442	86.014	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.439	149	6214574	135.631	ng/ul#	95
87) Chrysene	21.610	228	10972218	167.588	ng/ul	97
91) Benzo(k)fluoranthene	23.869	252	5335303	83.830	ng/ul#	98
93) Benzo(a)pyrene	24.692	252	2457718	40.782	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.657	276	8470635m	109.078	ng/ul	
95) Dibenzo(a,h)anthracene	28.680	278	2021687	31.438	ng/ul	99
96) Benzo(g,h,i)perylene	29.839	276	7942994m	125.592	ng/ul	

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

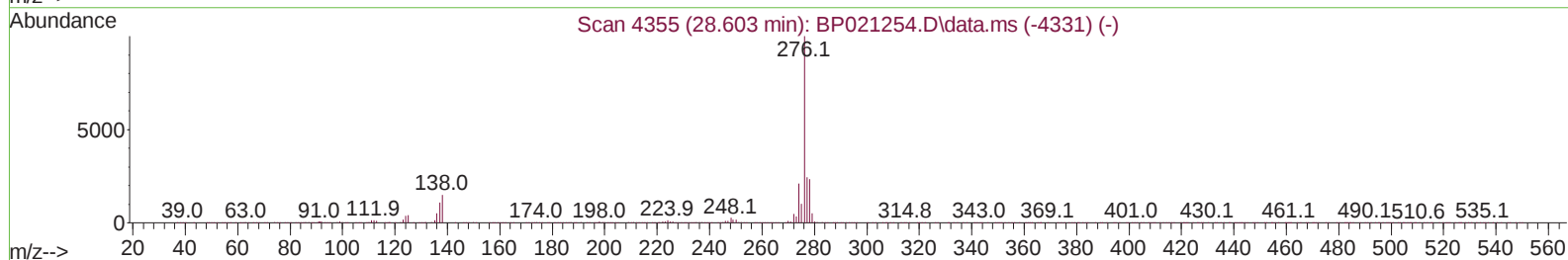
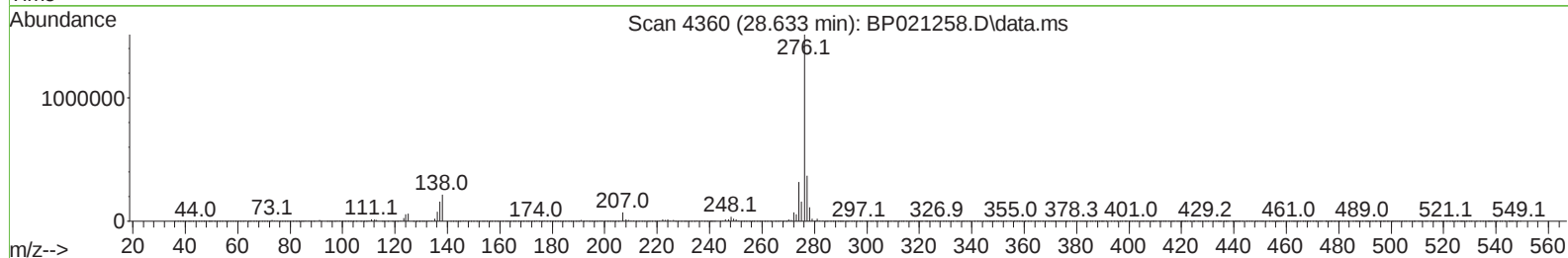
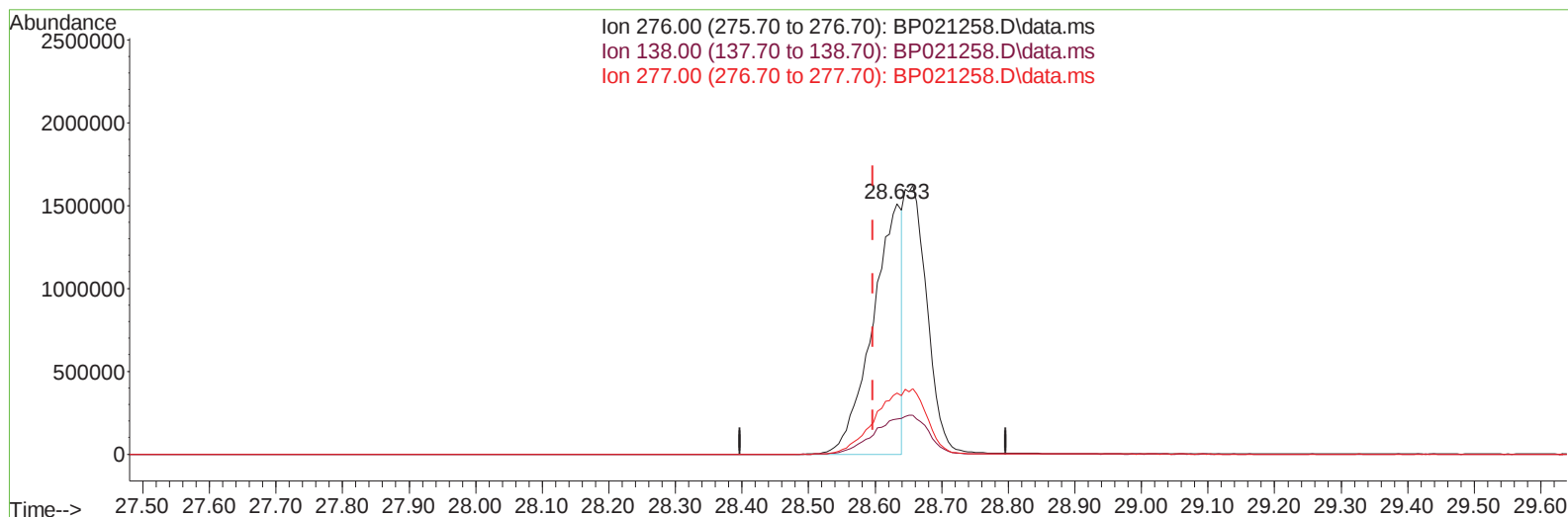
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Quant Time: Jul 31 13:03:51 2024
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TIC: BP021258.D\data.ms

(94) Indeno(1,2,3-cd)pyrene

28.633min (+ 0.036) 59.35 ng/u1

response 4609104

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	17.90	14.11#
277.00	24.00	24.33
0.00	0.00	0.00

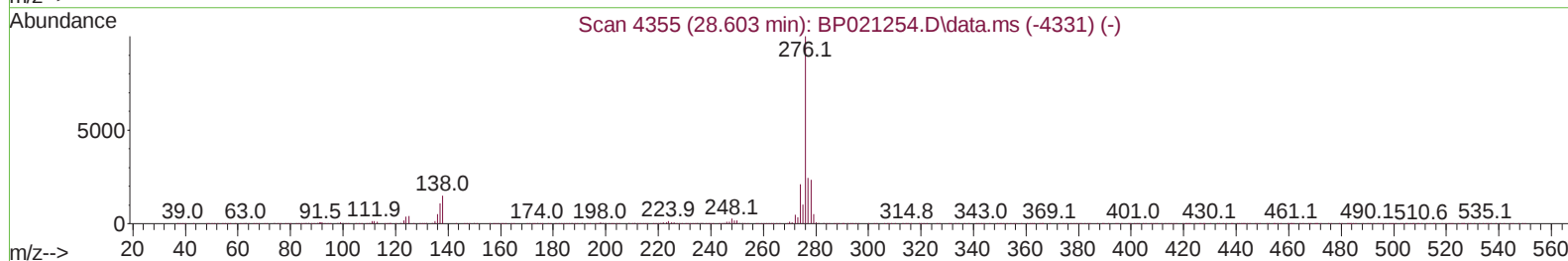
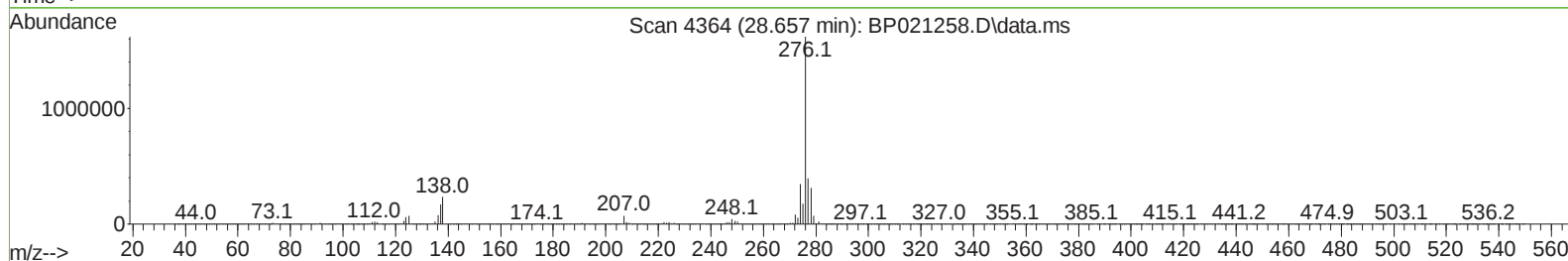
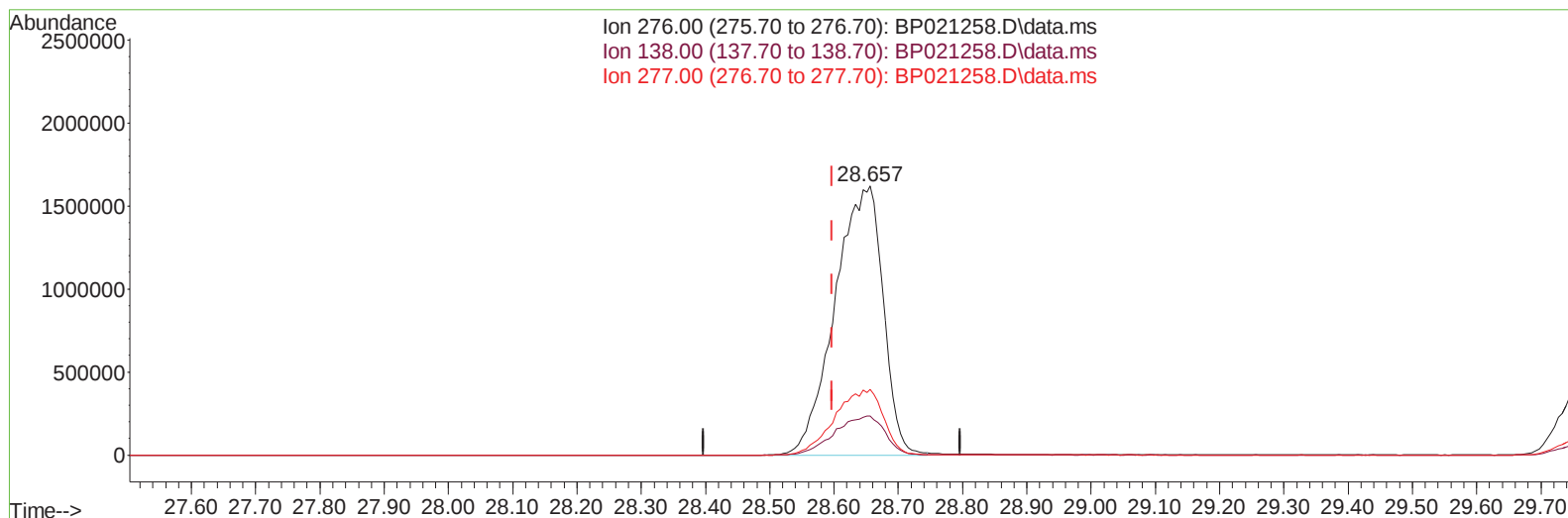
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(94) Indeno(1,2,3-cd)pyrene

28.657min (+ 0.059) 109.08 ng/u1 m

response 8470635

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	17.90	14.53
277.00	24.00	24.43
0.00	0.00	0.00

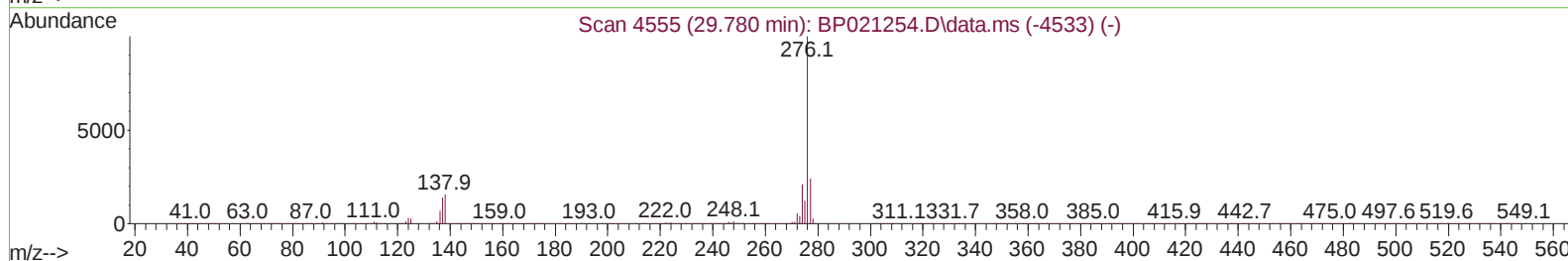
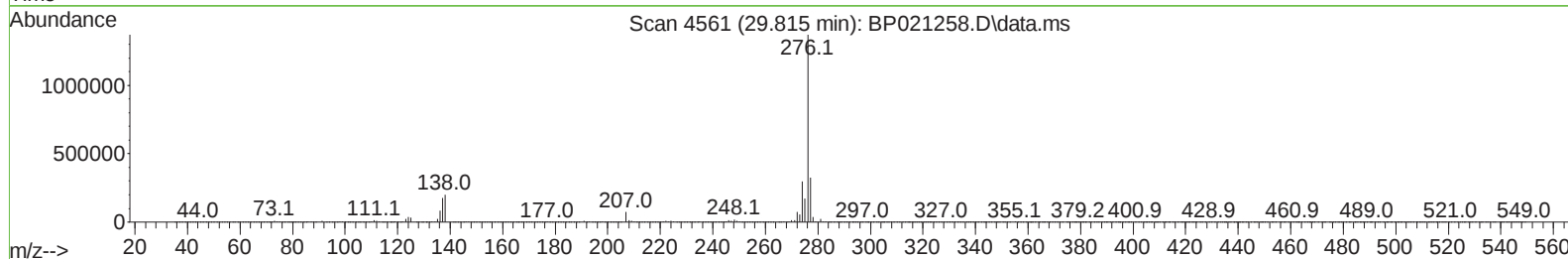
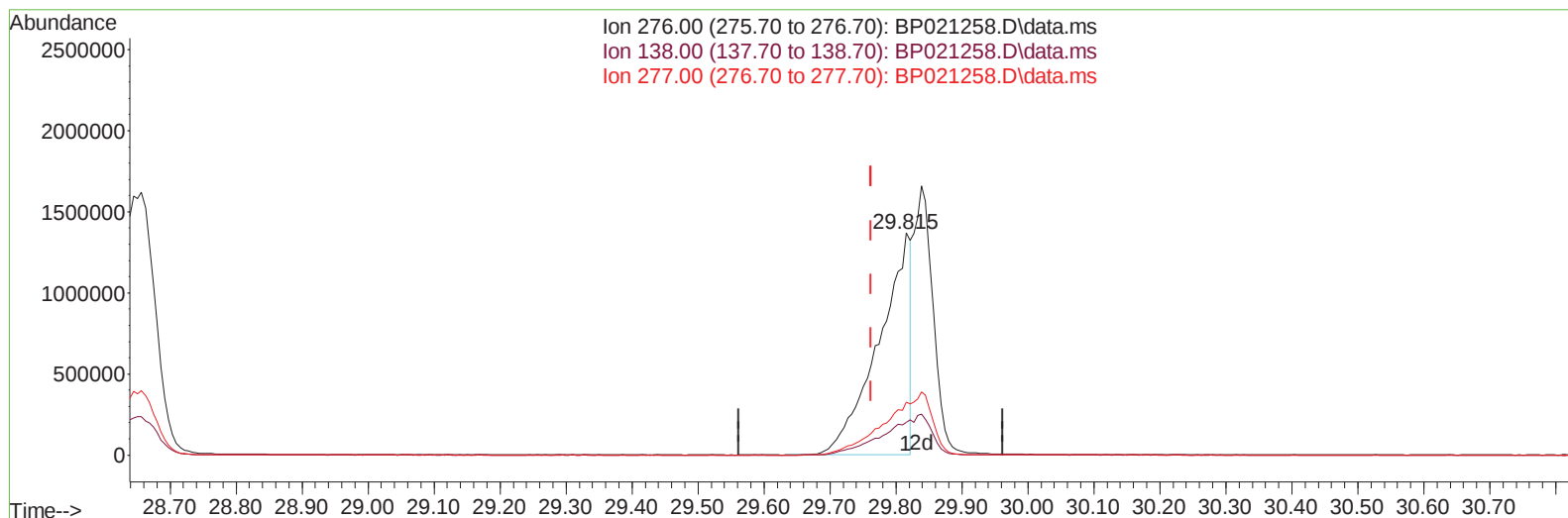
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(96) Benzo(g,h,i)perylene

29.815min (+ 0.053) 72.90 ng/u1

response 4610659

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	19.10	14.59#
277.00	22.70	23.76
0.00	0.00	0.00

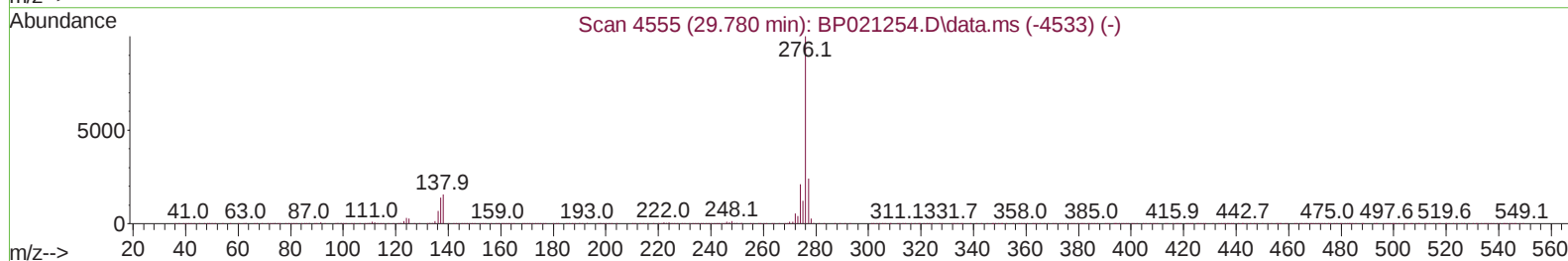
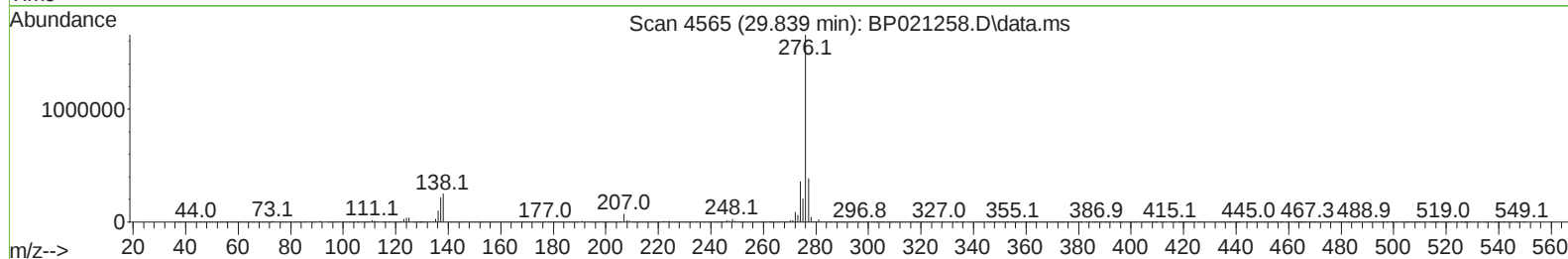
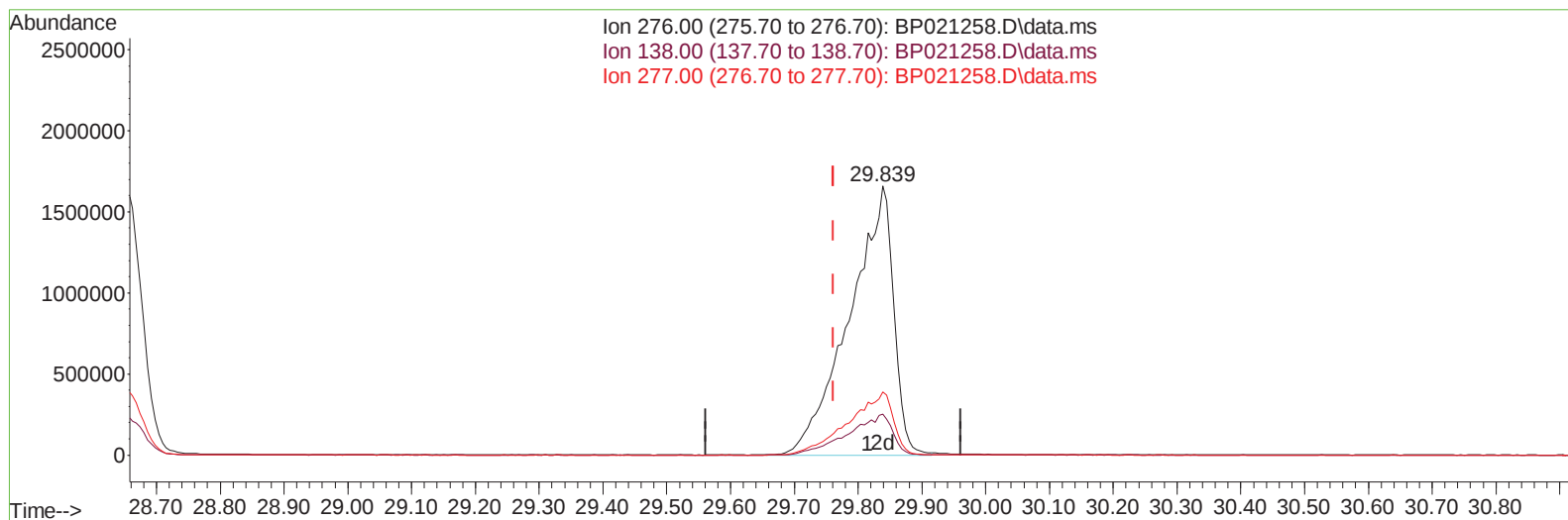
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(96) Benzo(g,h,i)perylene

29.839min (+ 0.077) 125.59 ng/ul m

response 7942994

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	19.10	15.21#
277.00	22.70	23.41
0.00	0.00	0.00