

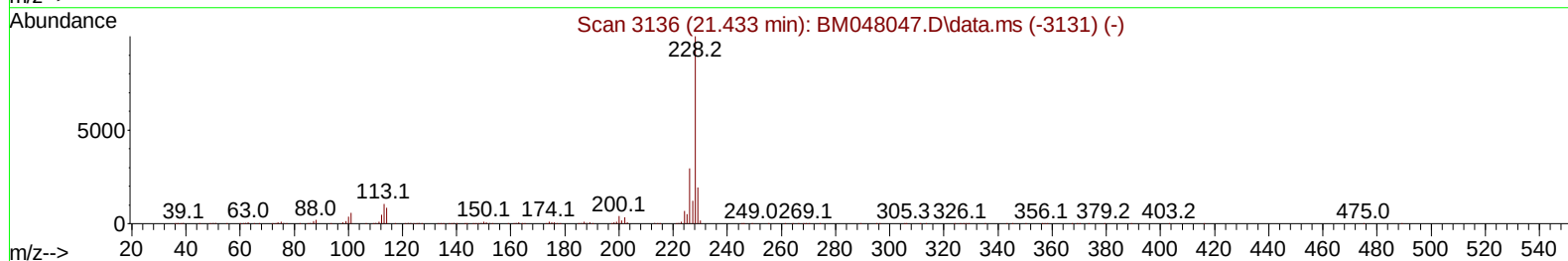
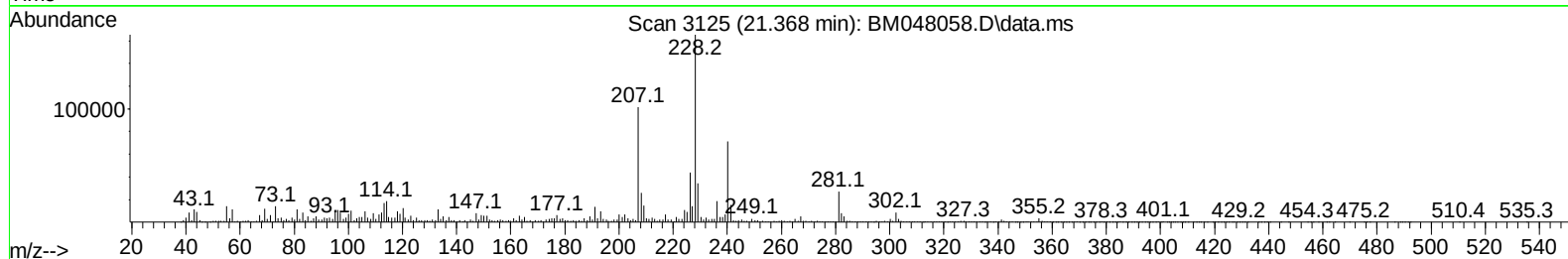
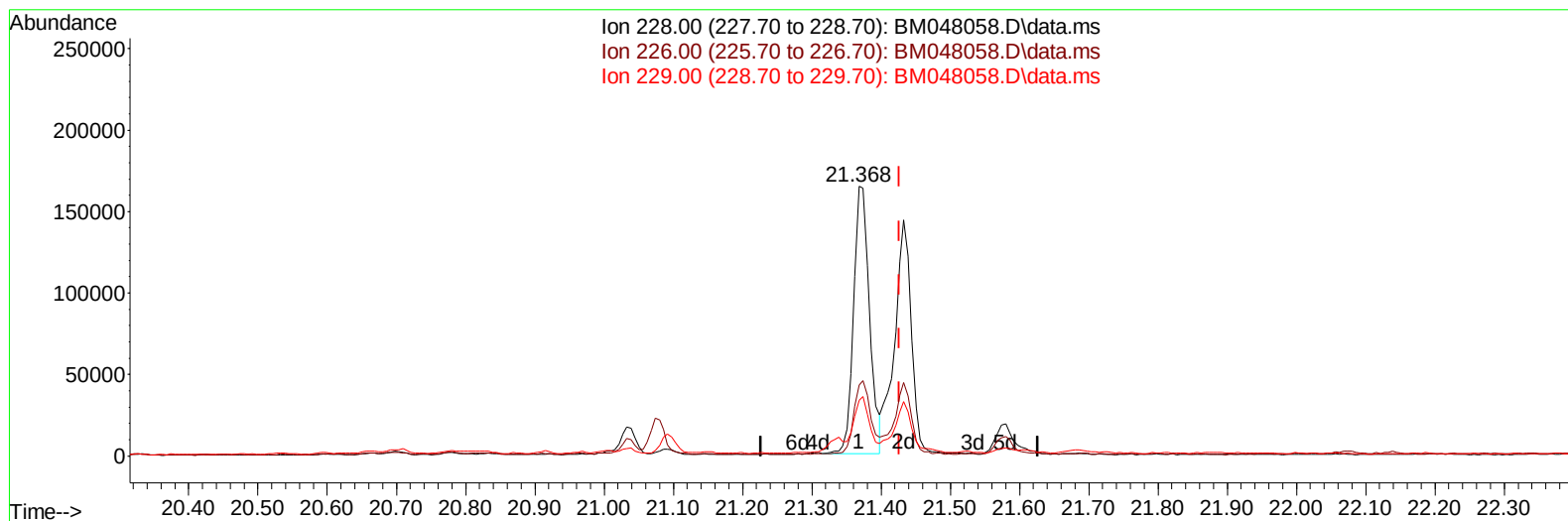
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101424\
Data File : BM048058.D
Acq On : 15 Oct 2024 11:22
Operator : RC/JU
Sample : P4238-17
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4F01

Manual IntegrationsAPPROVED

Quant Time: Oct 15 12:24:10 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 10 05:10:14 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 10/16/2024
Supervised By :mohammad ahmed 10/17/2024



TIC: BM048058.D\data.ms

(87) Chrysene

21.368min (-0.059) 3.03 ng/u1

response 260817

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	29.50	26.37
229.00	19.10	20.68
0.00	0.00	0.00

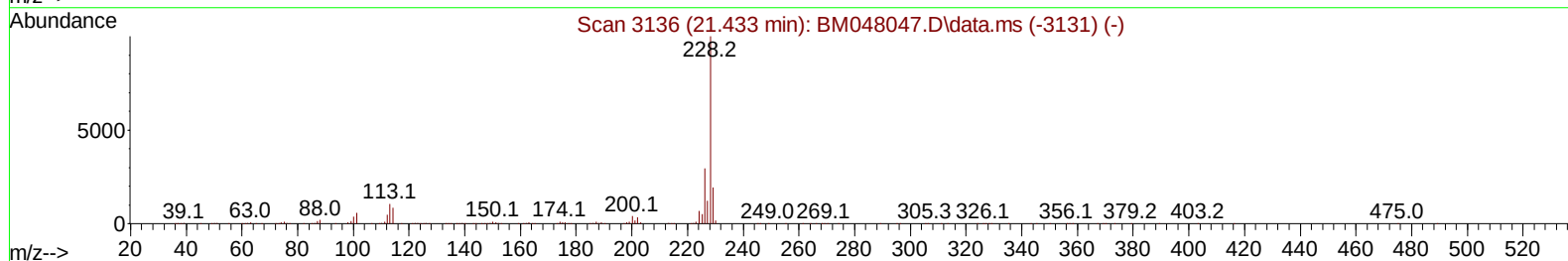
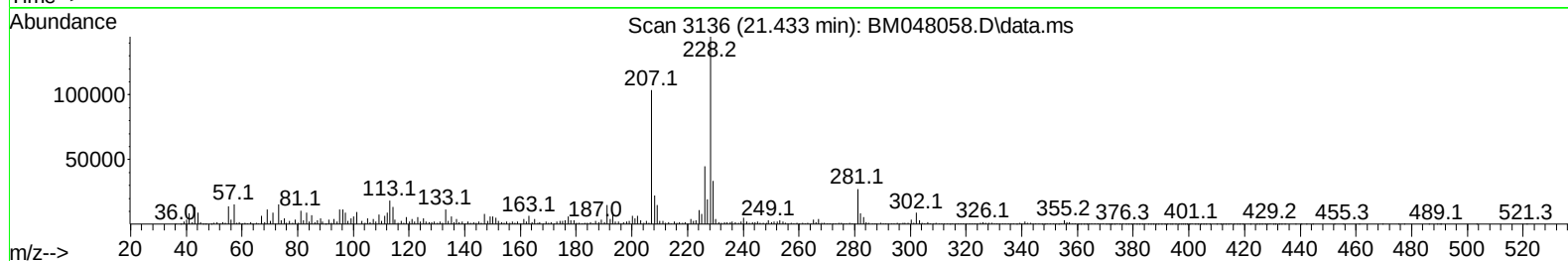
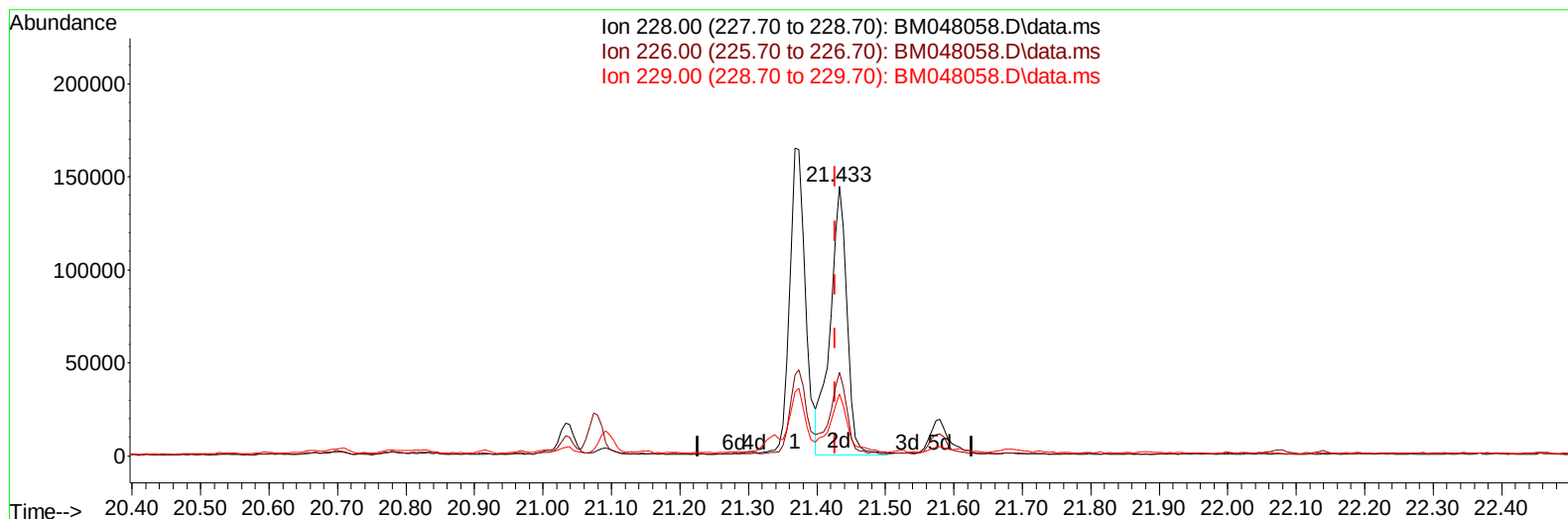
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TIC: BM048058.D\data.ms

(87) Chrysene

21.433min (+ 0.006) 2.89 ng/ul m

response 248804

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	29.50	31.06
229.00	19.10	23.10#
0.00	0.00	0.00

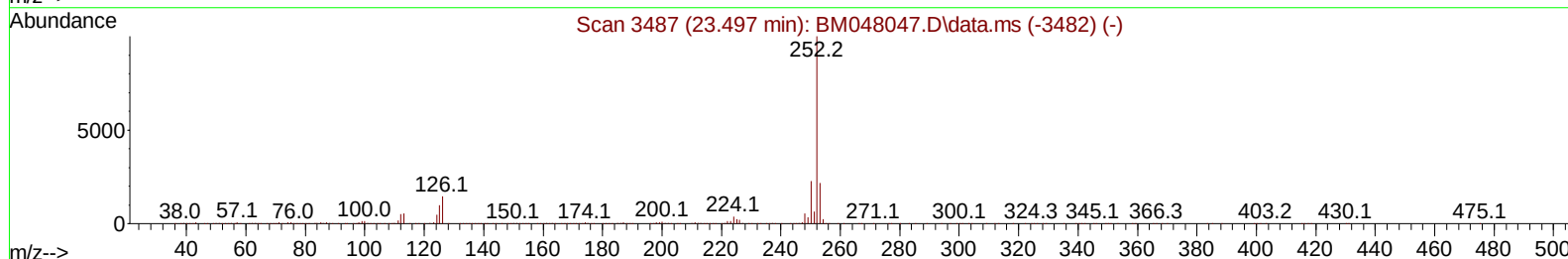
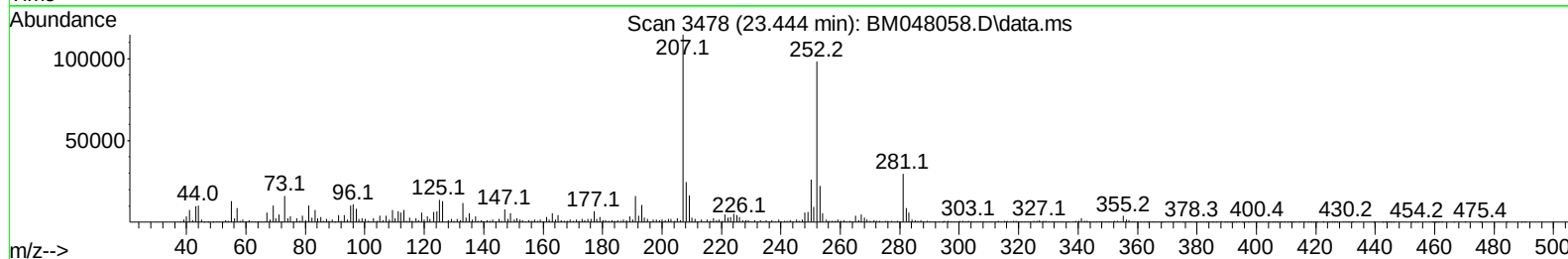
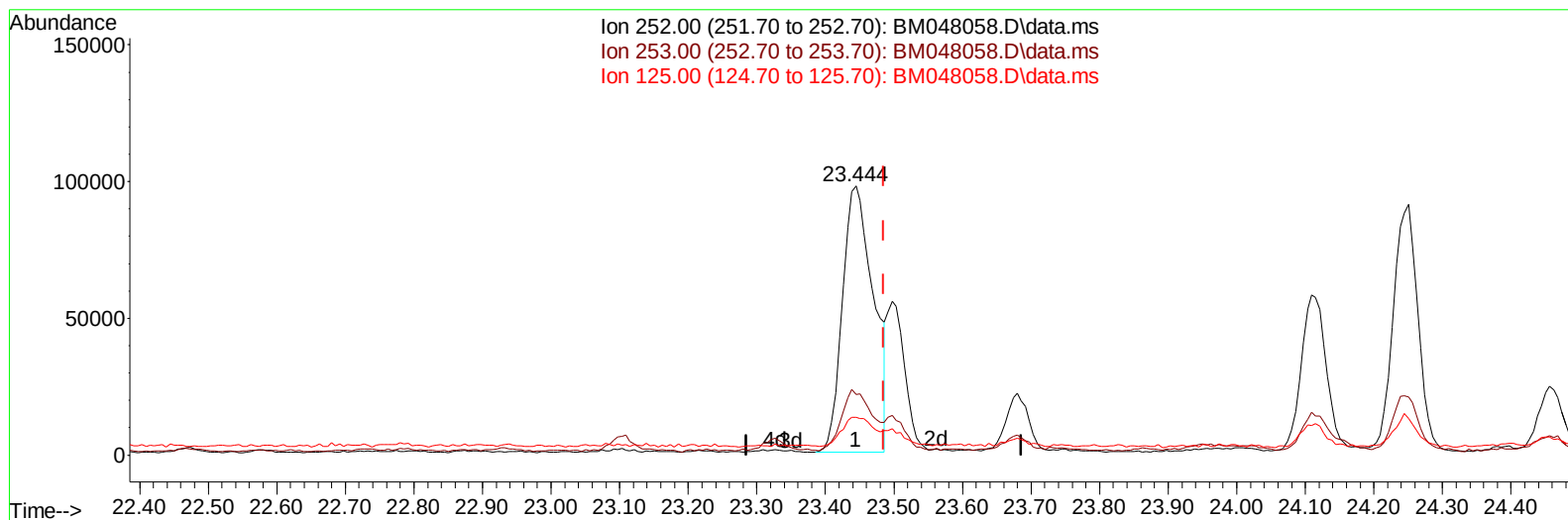
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TIC: BM048058.D\data.ms

(91) Benzo(k)fluoranthene

23.444min (-0.041) 3.21 ng/u1

response 305634

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.90	22.64
125.00	11.10	14.13#
0.00	0.00	0.00

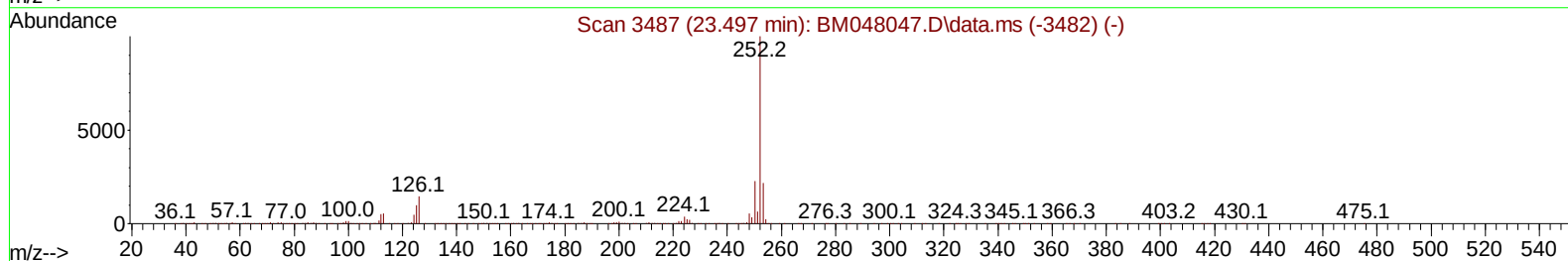
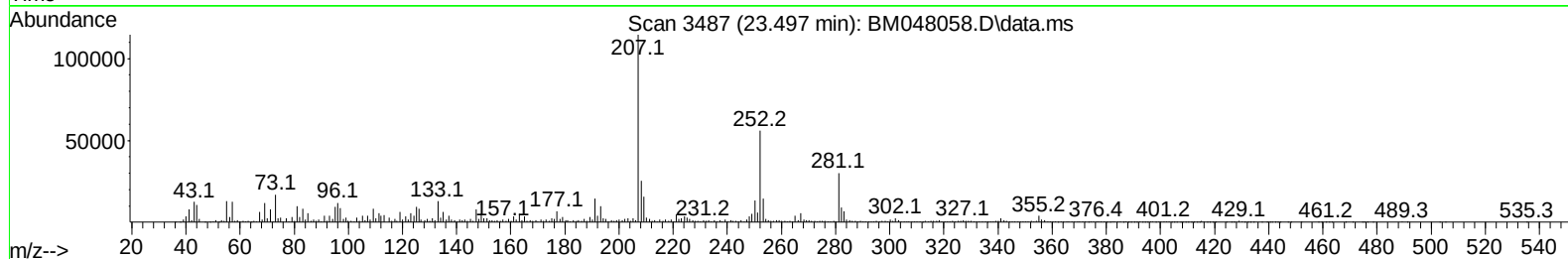
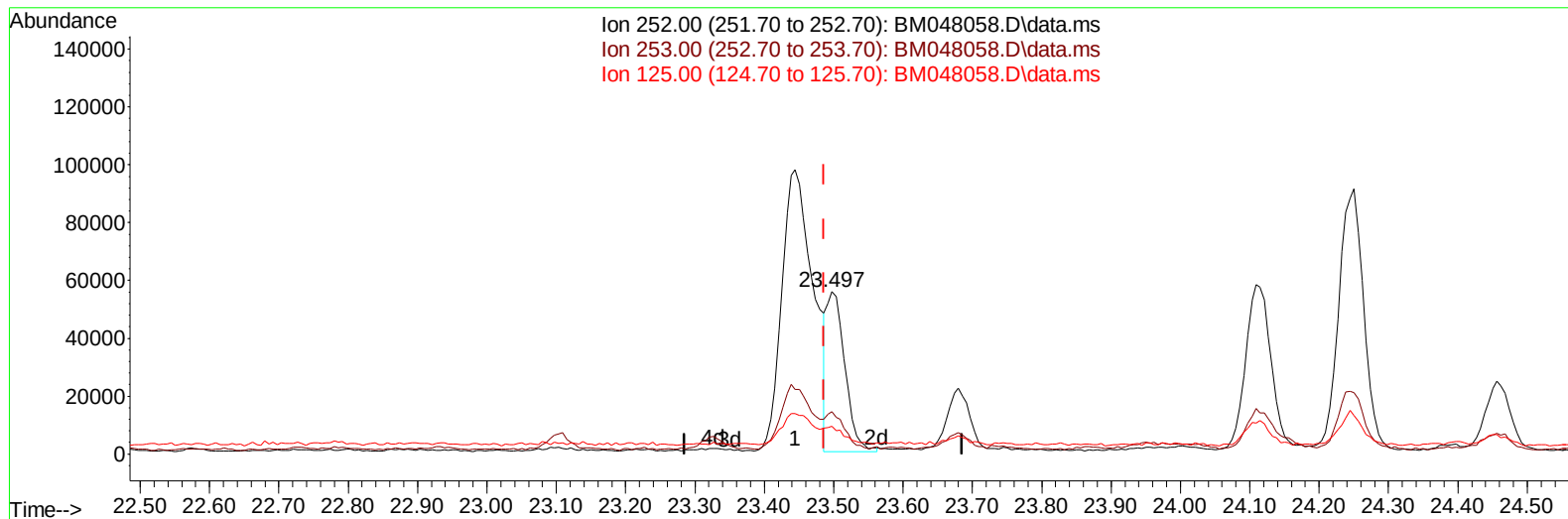
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TIC: BM048058.D\data.ms

(91) Benzo(k)fluoranthene

23.497min (+ 0.012) 1.05 ng/u1 m

response 100029

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.90	25.98
125.00	11.10	16.97#
0.00	0.00	0.00

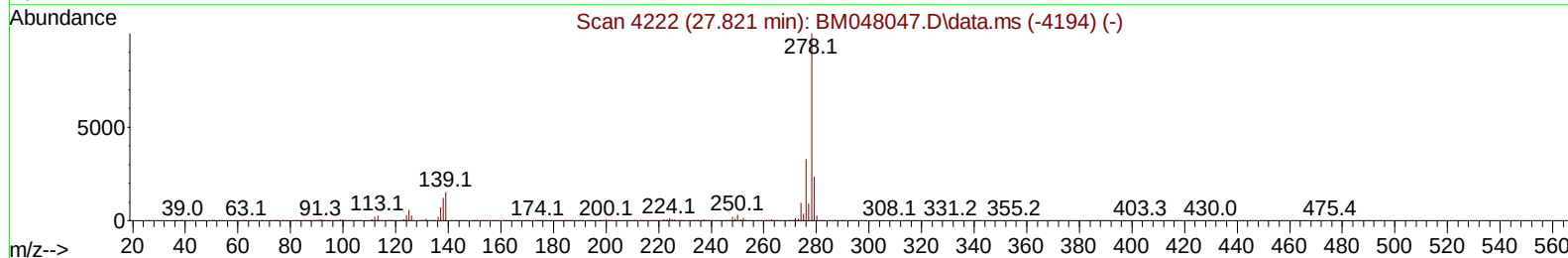
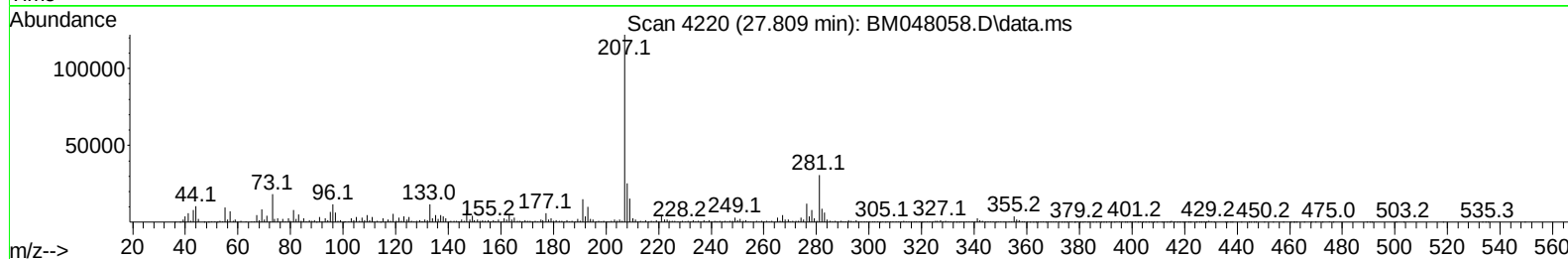
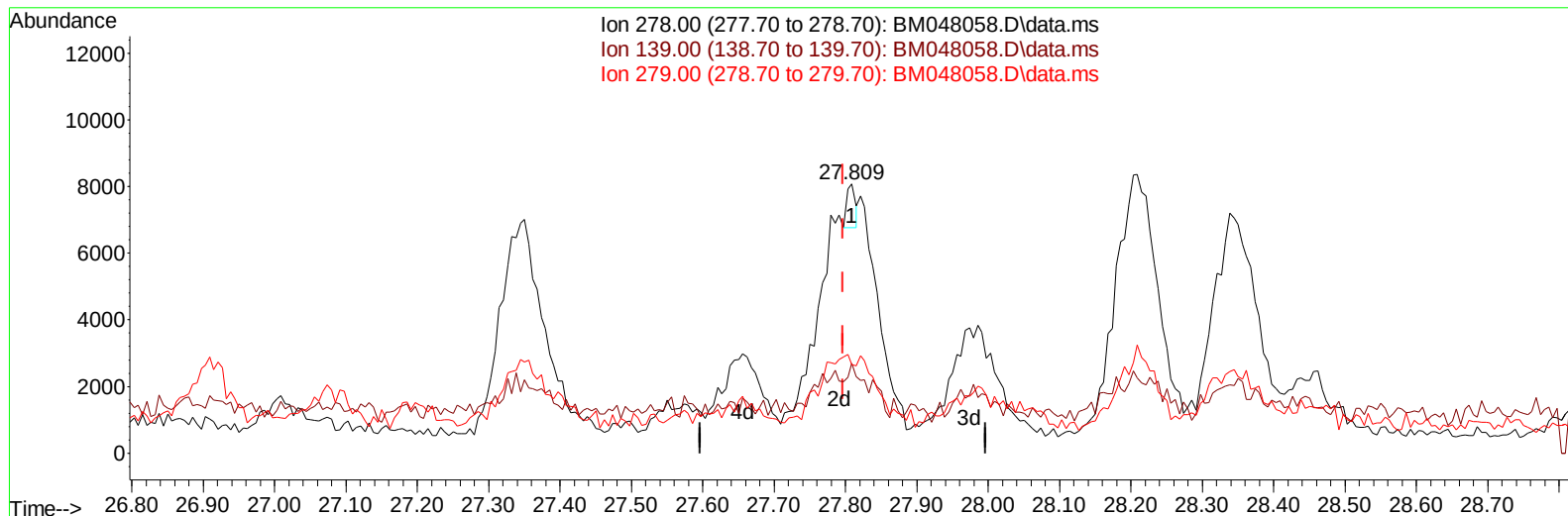
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Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_M
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TIC: BM048058.D\data.ms

(95) Dibenzo(a,h)anthracene

27.809min (+ 0.012) 0.01 ng/u1

response 1089

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	16.80	33.37#
279.00	23.00	32.79#
0.00	0.00	0.00

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 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4F01

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/16/2024
 Supervised By :mohammad ahmed 10/17/2024

Quant Time: Oct 15 12:26:30 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.781	152	281336	20.000	ng/ul	0.00
20) Naphthalene-d8	10.575	136	1098675	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.422	164	645972	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.163	188	1291197	20.000	ng/ul	0.00
79) Chrysene-d12	21.392	240	1259264	20.000	ng/ul	0.00
88) Perylene-d12	24.391	264	1494915	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.240	96	15646	1.797	ng/uL	0.00
4) Pyridine-d5	3.658	84	172660	6.774	ng/ul	0.00
7) Phenol-d5	6.963	99	268711	10.101	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.116	67	135721	7.190	ng/ul	0.00
11) 2-Chlorophenol-d4	7.322	132	221548	11.446	ng/ul	0.00
15) 4-Methylphenol-d8	8.498	113	204166	10.322	ng/ul	0.00
21) Nitrobenzene-d5	8.940	128	94092	10.756	ng/ul	0.00
24) 2-Nitrophenol-d4	9.663	143	105362	12.569	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.204	165	207041	12.364	ng/ul	0.00
31) 4-Chloroaniline-d4	10.716	131	230575	8.906	ng/ul	0.00
46) Dimethylphthalate-d6	13.827	166	649956	13.878	ng/ul	0.00
49) Acenaphthylene-d8	14.116	160	736277	13.259	ng/ul	0.00
54) 4-Nitrophenol-d4	14.639	143	78678	8.438	ng/ul	0.02
60) Fluorene-d10	15.416	176	592116	14.596	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.539	200	29971	3.967	ng/ul	0.00
73) Anthracene-d10	17.262	188	980441	15.443	ng/ul	0.00
81) Pyrene-d10	19.551	212	1217961	17.042	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.186	264	1306579	16.845	ng/ul	0.02
Target Compounds						
					Qvalue	
72) Phenanthrene	17.204	178	367686	4.856	ng/ul	99
74) Anthracene	17.292	178	99445	1.288	ng/ul	96
80) Fluoranthene	19.215	202	548351	6.515	ng/ul	100
82) Pyrene	19.580	202	487285	5.201	ng/ul	96
85) Benzo(a)anthracene	21.368	228	263530	2.989	ng/ul	98
87) Chrysene	21.433	228	248804m	2.895	ng/ul	
90) Benzo(b)fluoranthene	23.444	252	305634	3.278	ng/ul#	96
91) Benzo(k)fluoranthene	23.497	252	100029m	1.049	ng/ul	
93) Benzo(a)pyrene	24.250	252	225620	2.548	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	27.774	276	141181	1.244	ng/ul	99
96) Benzo(g,h,i)perylene	28.821	276	131765	1.482	ng/ul	97

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

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