

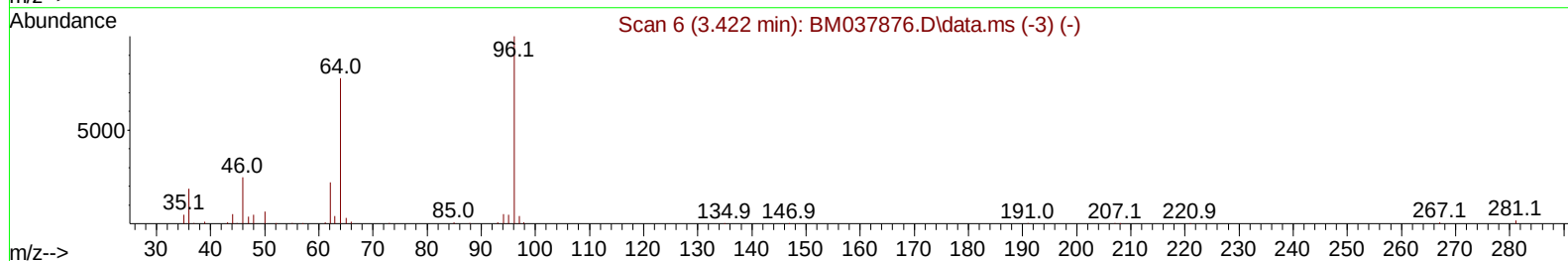
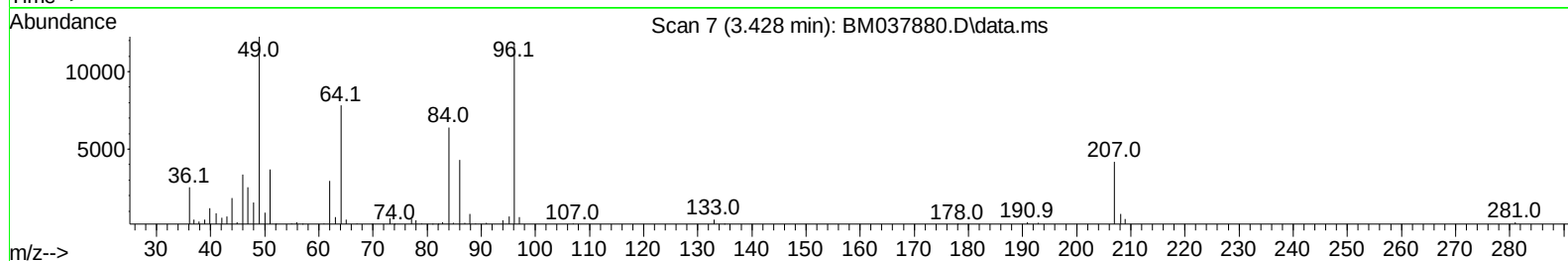
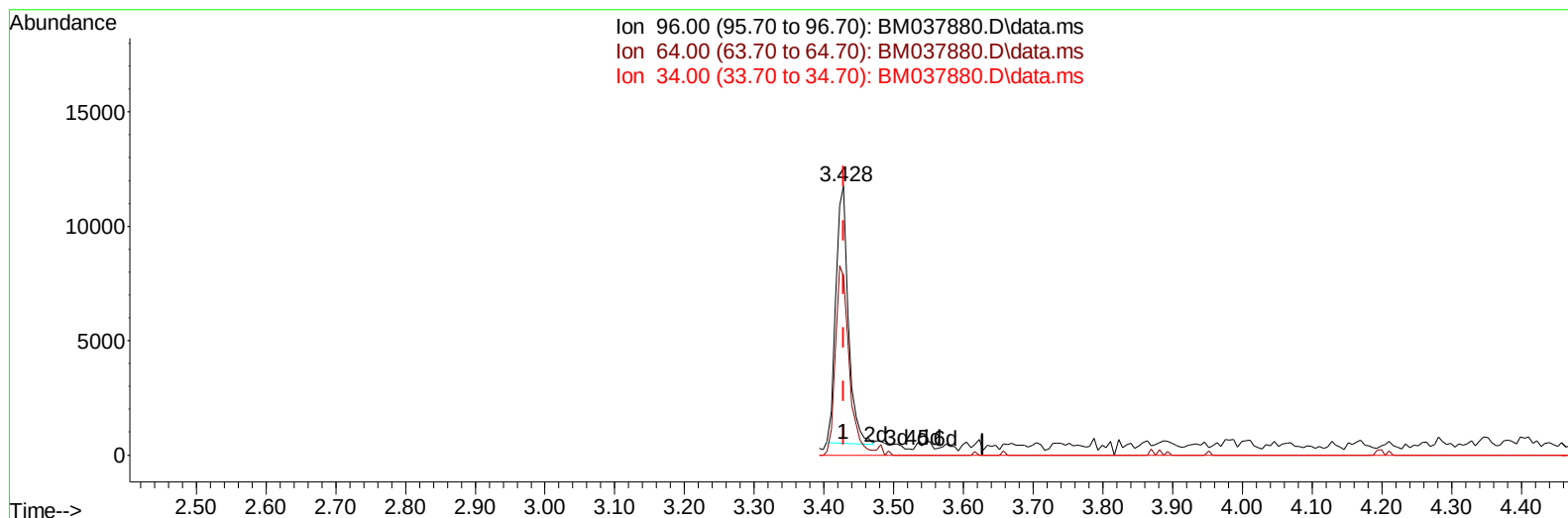
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120822\
Data File : BM037880.D
Acq On : 08 Dec 2022 10:59
Operator : CG/JU
Sample : N5832-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXK2

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 12/09/2022
Supervised By :mohammad ahmed 12/10/2022

Quant Time: Dec 08 22:36:52 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 08 01:49:06 2022
Response via : Initial Calibration



TIC: BM037880.D\data.ms

(3) 1,4-Dioxane-d8 (S)**3.428min (+ 0.000) 2.85 ng/uL****response 13929**

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	76.40	66.52
34.00	0.00	0.00
0.00	0.00	0.00

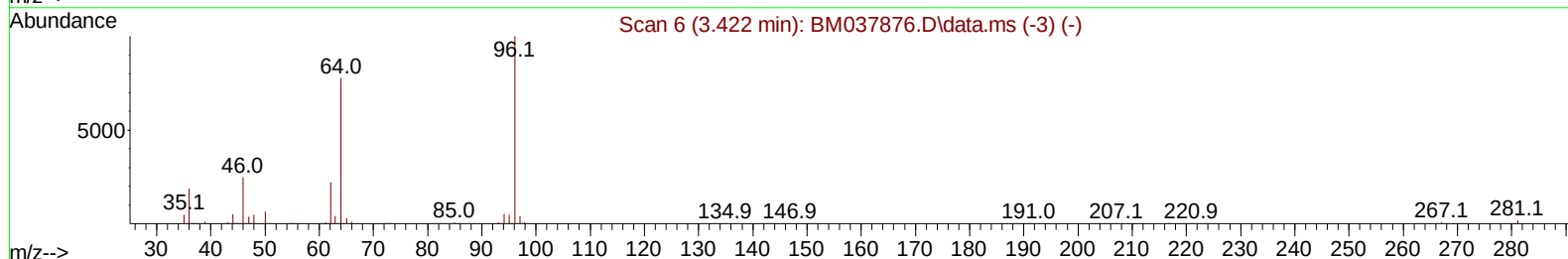
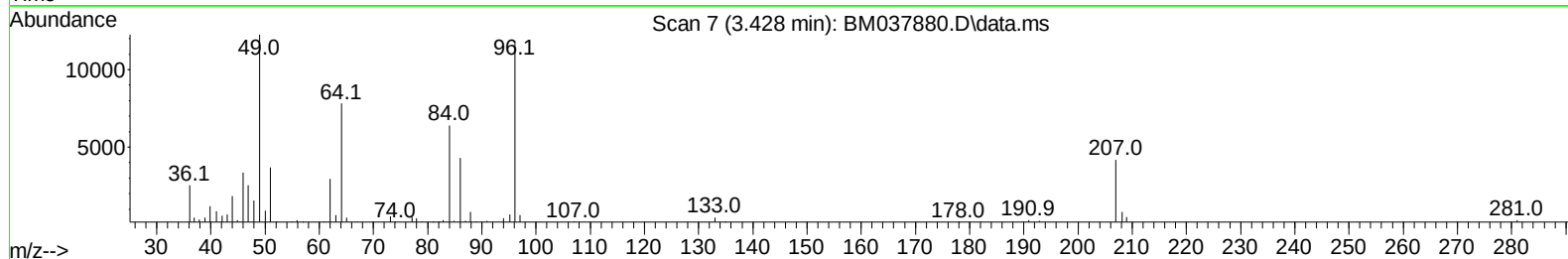
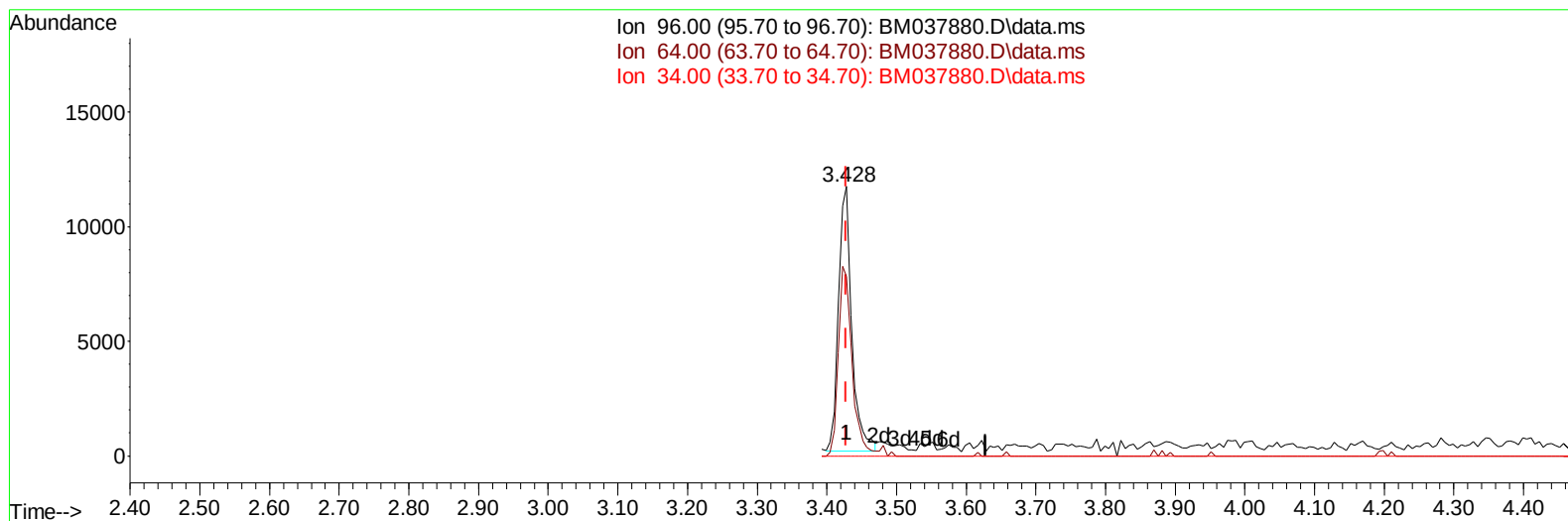
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TIC: BM037880.D\data.ms

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

3.428min (+ 0.000) 3.10 ng/uL m

response 15131

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	76.40	66.52
34.00	0.00	0.00
0.00	0.00	0.00

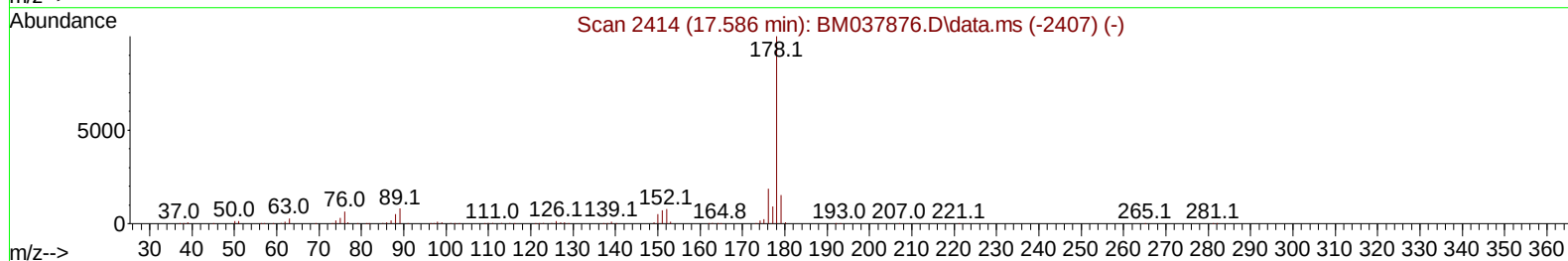
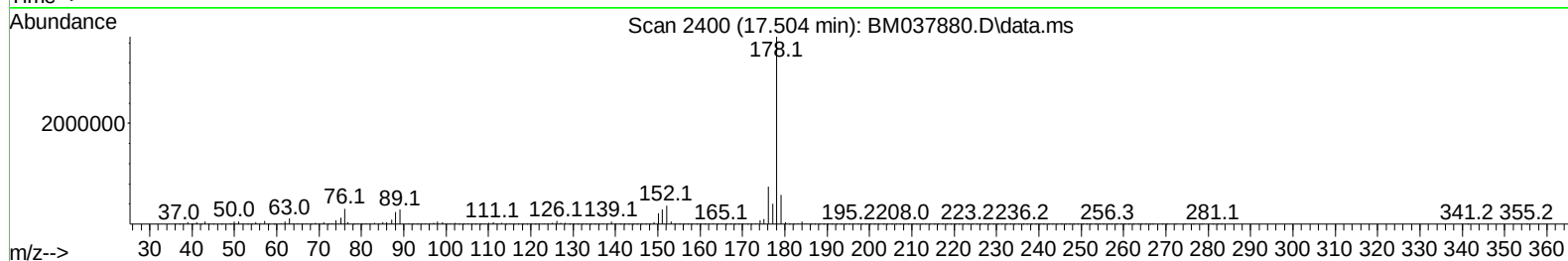
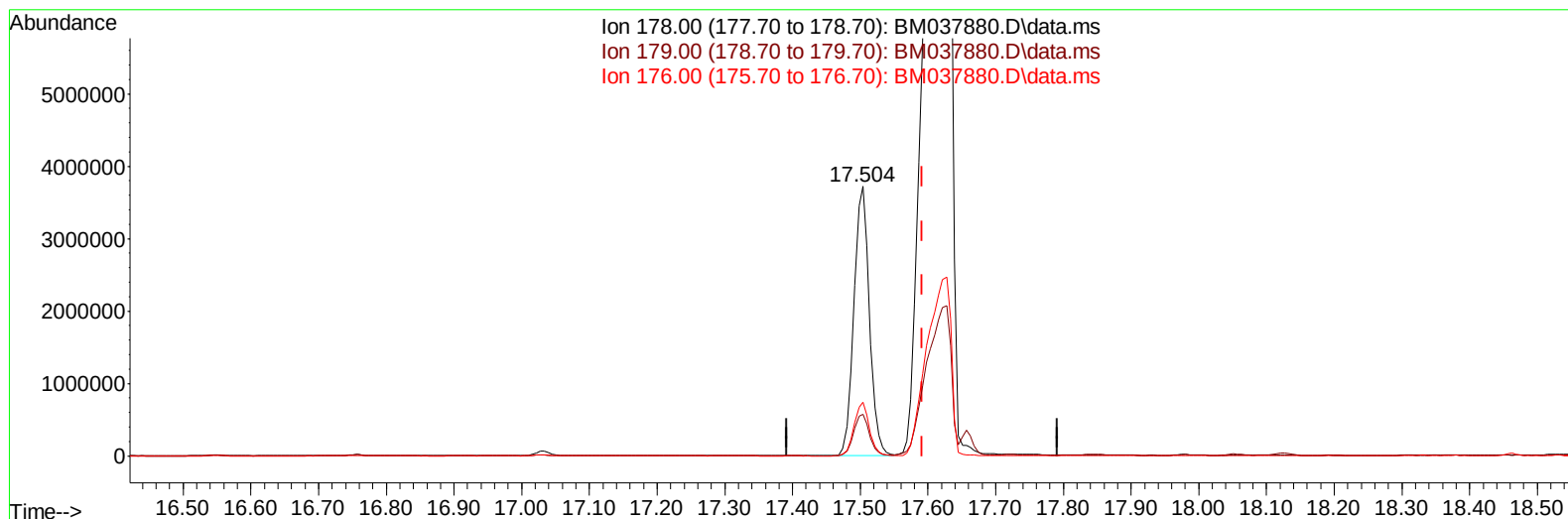
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TIC: BM037880.D\data.ms

(74) Anthracene

17.504min (-0.088) 108.88 ng/ul

response 5924387

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	14.80	15.45
176.00	18.80	19.85
0.00	0.00	0.00

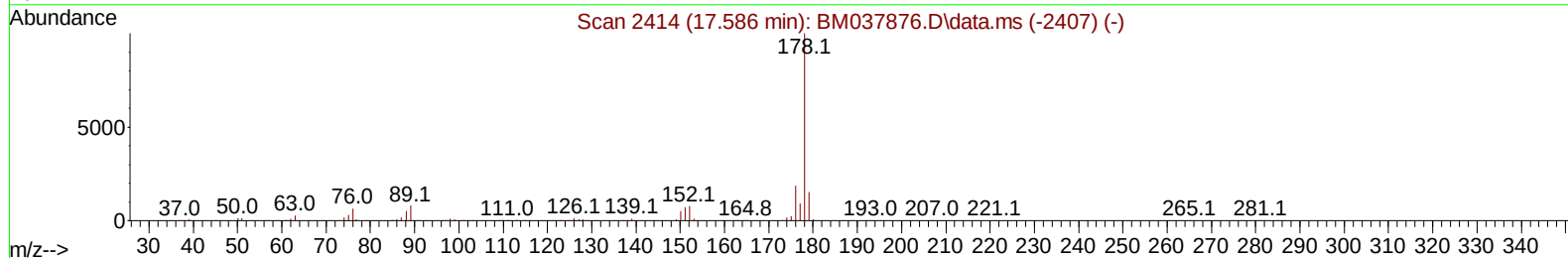
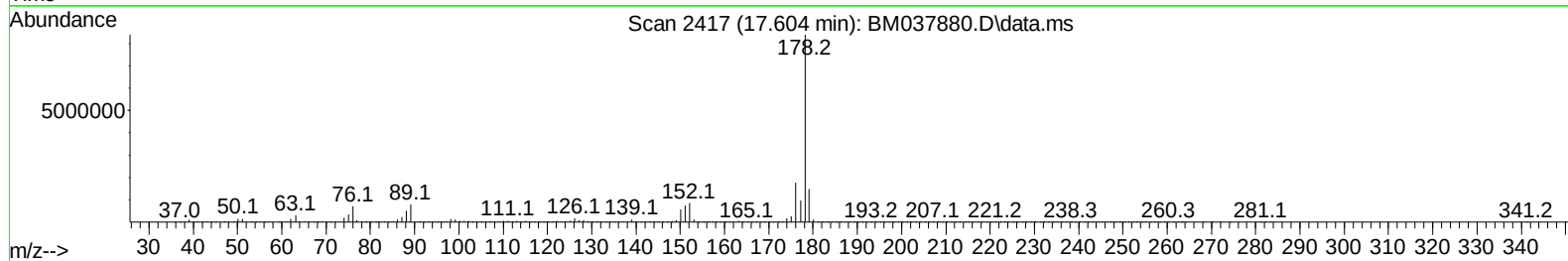
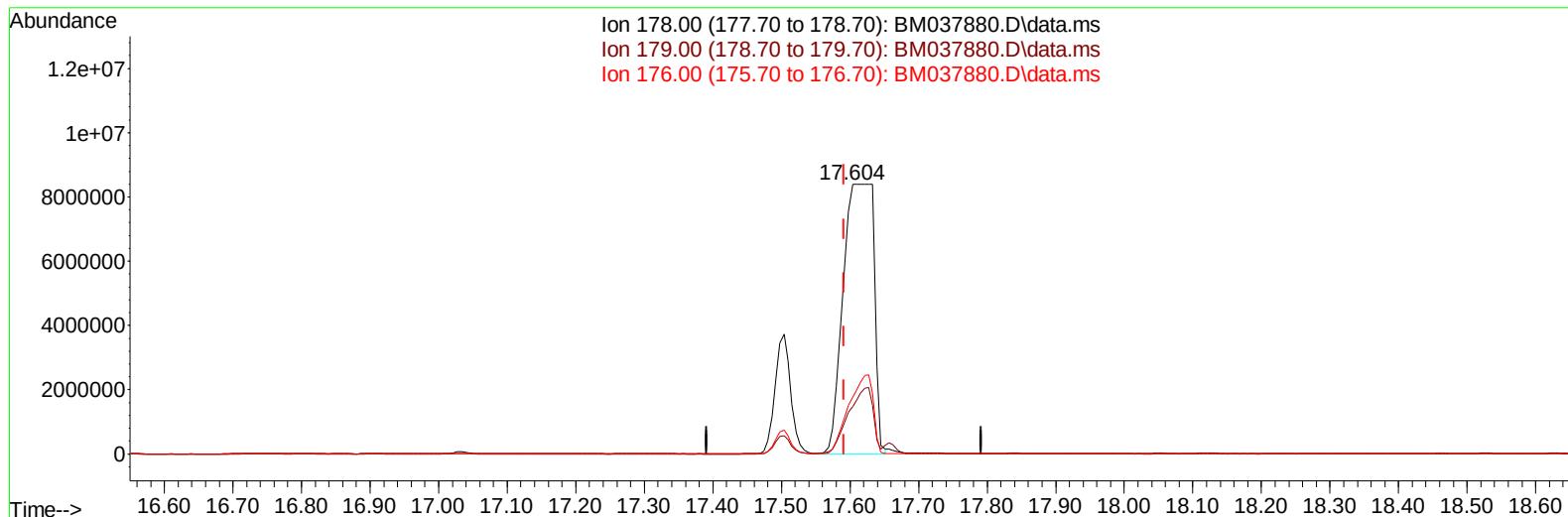
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TIC: BM037880.D\data.ms

(74) Anthracene

17.604min (+ 0.012) 480.35 ng/ul m

response 26138186

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	14.80	17.62
176.00	18.80	21.05
0.00	0.00	0.00

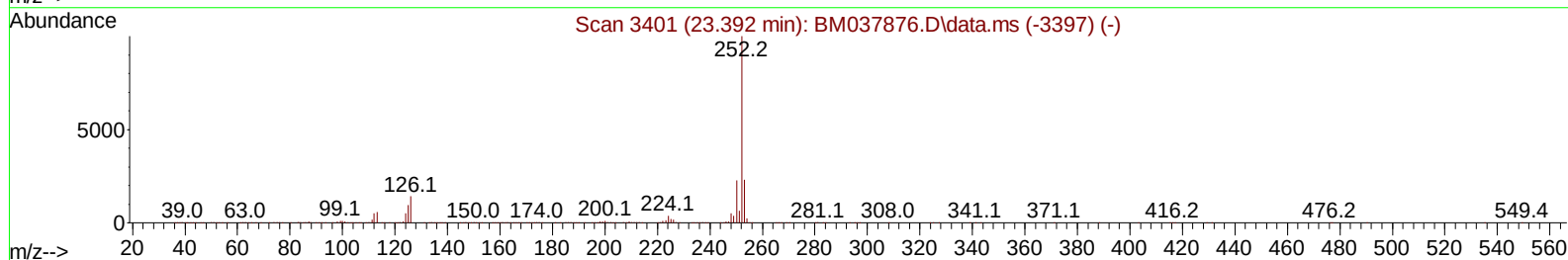
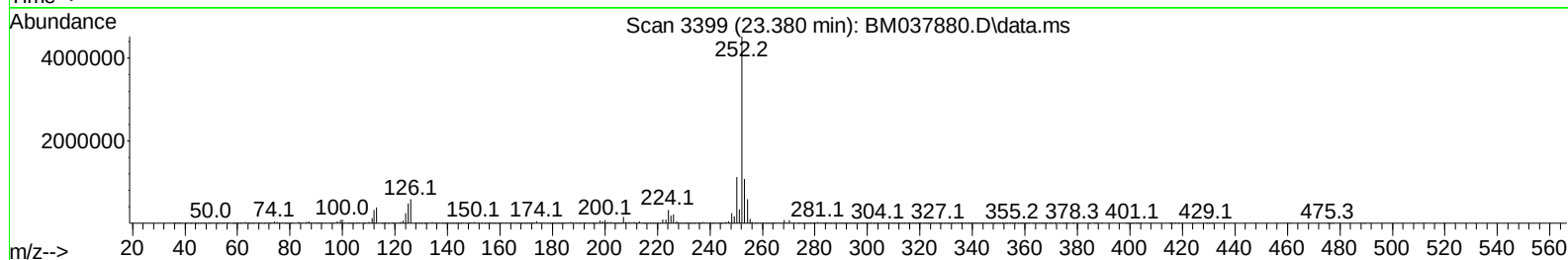
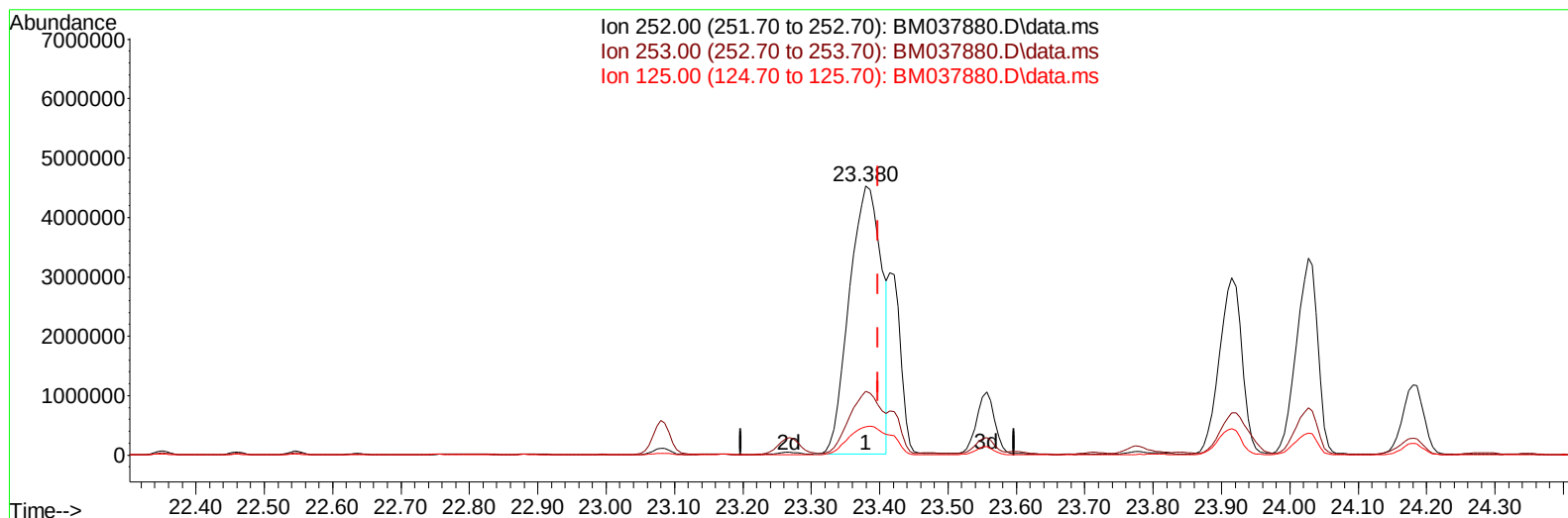
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 Data File : BM037880.D
 Acq On : 08 Dec 2022 10:59
 Operator : CG/JU
 Sample : N5832-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBXK2

Manual IntegrationsAPPROVED

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 Supervised By :mohammad ahmed 12/10/2022



TIC: BM037880.D\data.ms

(91) Benzo(k)fluoranthene

23.380min (-0.017) 238.79 ng/u1

response 14849908

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.80	23.70
125.00	10.10	10.63
0.00	0.00	0.00

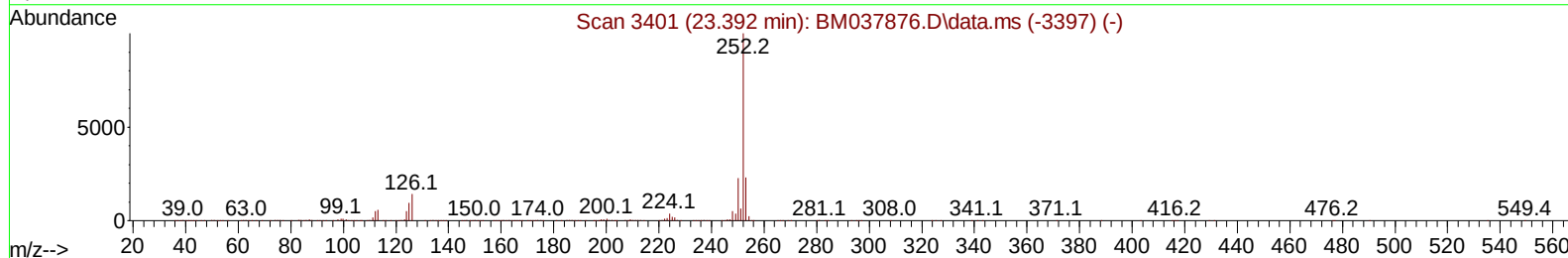
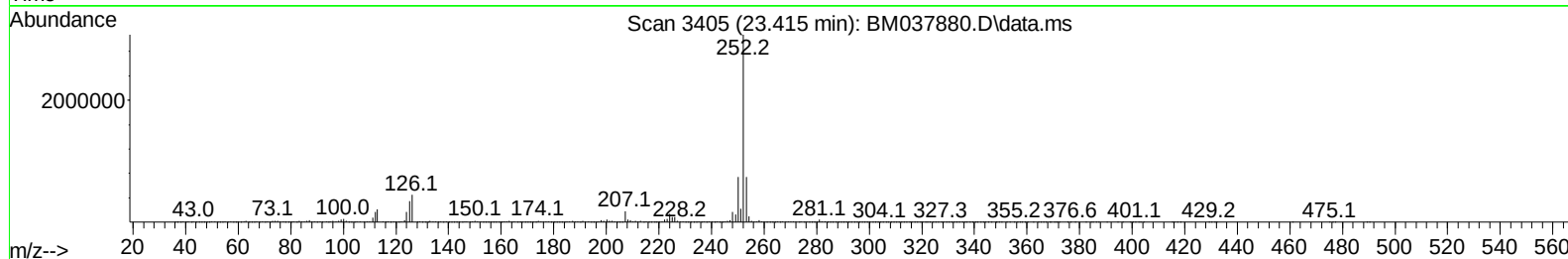
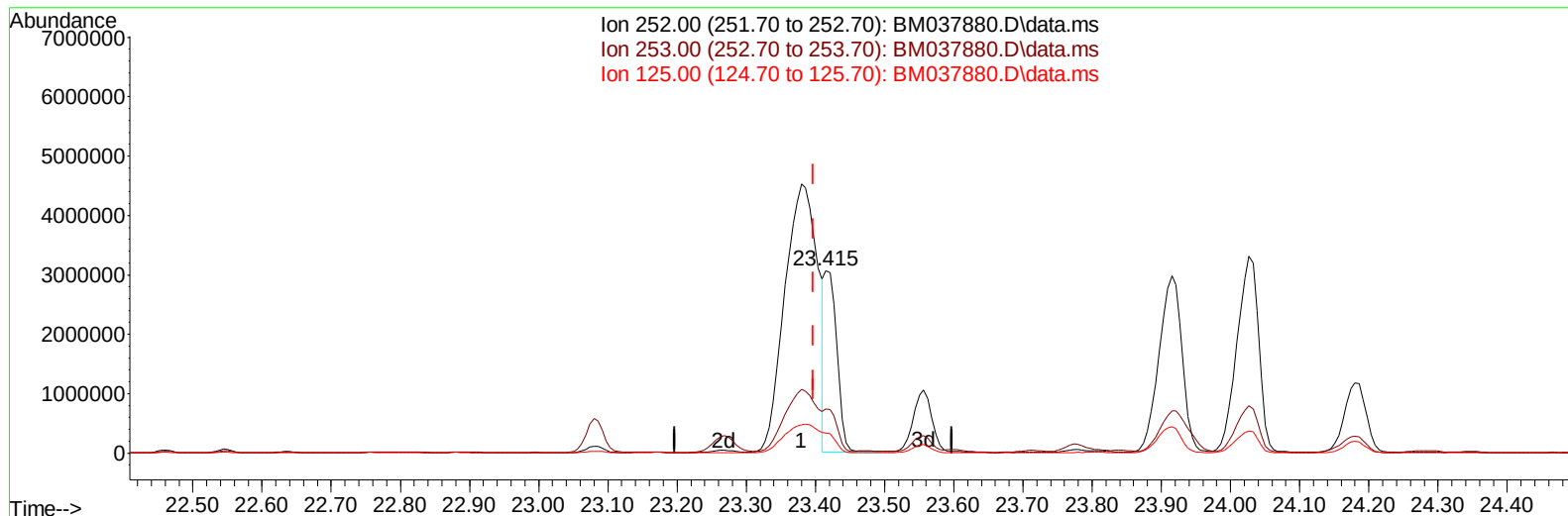
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Data File : BM037880.D
Acq On : 08 Dec 2022 10:59
Operator : CG/JU
Sample : N5832-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXK2

Manual IntegrationsAPPROVED

Quant Time: Dec 08 22:36:52 2022
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Reviewed By :Jagrut Upadhyay 12/09/2022
Supervised By :mohammad ahmed 12/10/2022



TIC: BM037880.D\data.ms

(91) Benzo(k)fluoranthene

23.415min (+ 0.018) 61.17 ng/ul m

response 3804261

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.80	24.06
125.00	10.10	11.09
0.00	0.00	0.00

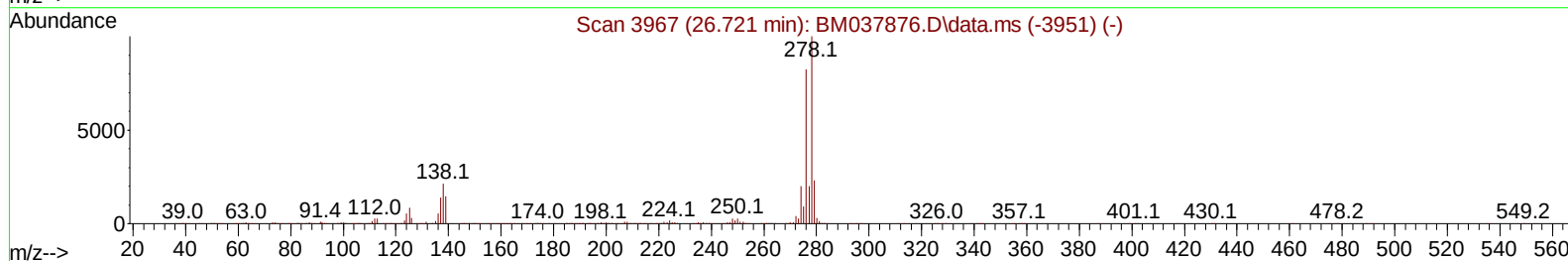
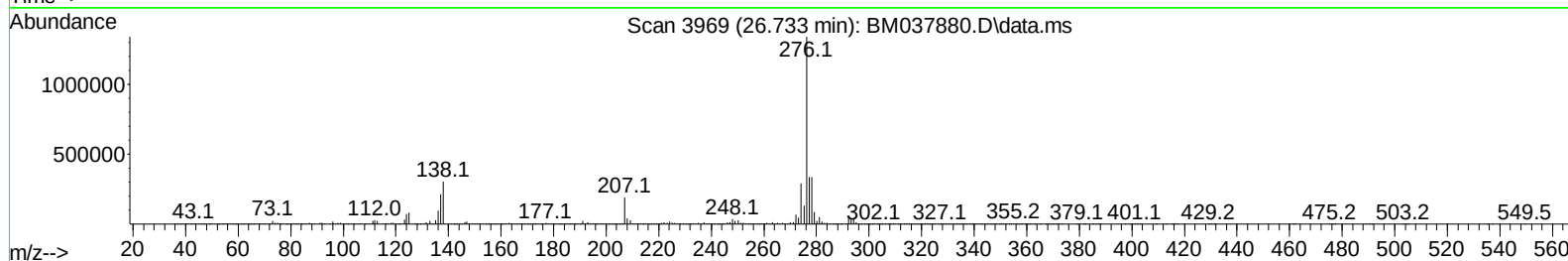
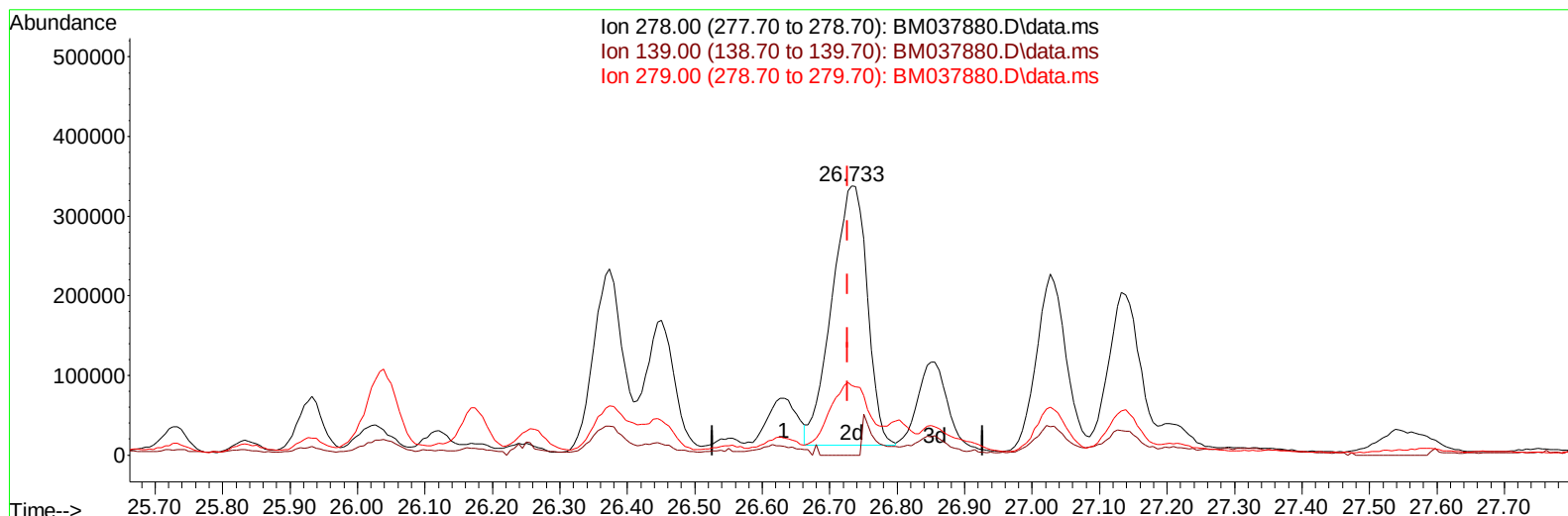
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 ALS Vial : 6 Sample Multiplier: 1

Instrument :
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TIC: BM037880.D\data.ms

(95) Dibenzo(a,h)anthracene

26.733min (+ 0.006) 19.37 ng/ul m

response 1186866

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	15.50	0.00#
279.00	24.70	25.84
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120822\
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 Acq On : 08 Dec 2022 10:59
 Operator : CG/JU
 Sample : N5832-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :

BNA_M

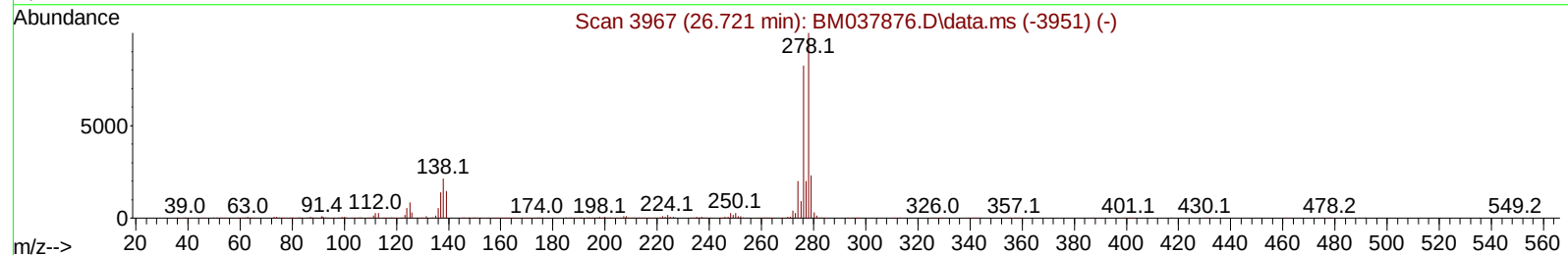
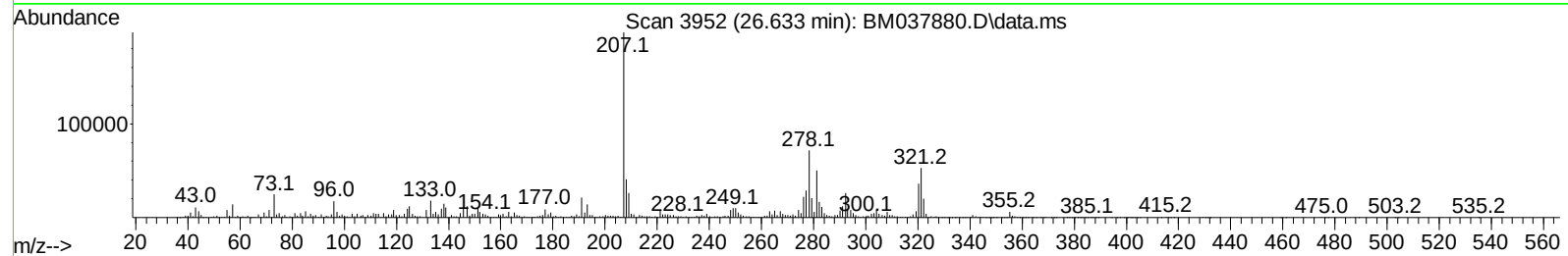
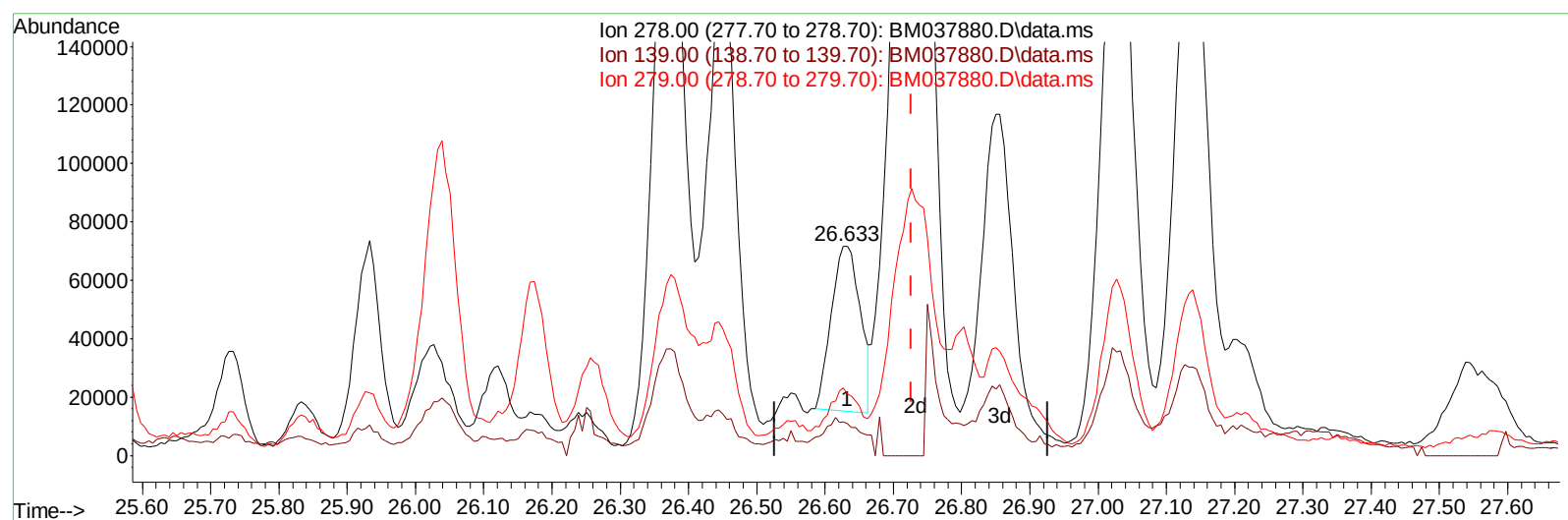
ClientSampleId :

DBXK2

Manual IntegrationsAPPROVED

Quant Time: Dec 08 22:36:52 2022
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 Supervised By :mohammad ahmed 12/10/2022



TIC: BM037880.D\data.ms

(95) Dibenzo(a,h)anthracene

26.633min (-0.094) 2.70 ng/u1

response 165628

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	15.50	15.13
279.00	24.70	29.30
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120822\
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 Acq On : 08 Dec 2022 10:59
 Operator : CG/JU
 Sample : N5832-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBXK2

Manual IntegrationsAPPROVED

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.087	152	221549	20.000	ng/ul	0.00
20) Naphthalene-d8	10.910	136	860746	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.716	164	497080	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.457	188	980485	20.000	ng/ul	0.00
79) Chrysene-d12	21.633	240	778982	20.000	ng/ul	0.00
88) Perylene-d12	24.121	264	1035035	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.428	96	15131m	3.101	ng/uL	0.00
4) Pyridine-d5	3.869	84	124285	8.586	ng/ul	0.00
7) Phenol-d5	7.240	99	340213	18.897	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.410	67	195851	17.866	ng/ul	0.00
11) 2-Chlorophenol-d4	7.616	132	275784	18.674	ng/ul	0.00
15) 4-Methylphenol-d8	8.793	113	270310	19.235	ng/ul	0.00
21) Nitrobenzene-d5	9.257	128	129081	18.941	ng/ul	0.00
24) 2-Nitrophenol-d4	9.981	143	135828	19.019	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.522	165	274723	20.252	ng/ul	0.00
31) 4-Chloroaniline-d4	11.045	131	201746	10.774	ng/ul	0.00
46) Dimethylphthalate-d6	14.122	166	777066	21.927	ng/ul	0.00
49) Acenaphthylene-d8	14.410	160	927672	21.418	ng/ul	0.00
54) 4-Nitrophenol-d4	14.910	143	99588	16.489	ng/ul	0.00
60) Fluorene-d10	15.704	176	735640	23.300	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.822	200	84754	16.168	ng/ul	0.00
73) Anthracene-d10	17.568	188	1068335	23.346	ng/ul	0.01
81) Pyrene-d10	19.839	212	1155910	24.702	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.968	264	1193985	23.095	ng/ul	0.02
Target Compounds						
					Qvalue	
30) Naphthalene	10.957	128	879945	18.944	ng/ul	100
36) 2-Methylnaphthalene	12.557	142	479286	15.909	ng/ul	97
37) 1-Methylnaphthalene	12.775	142	80722	2.620	ng/ul#	98
50) Acenaphthylene	14.439	152	706452	14.833	ng/ul	99
52) Acenaphthene	14.780	153	541975	16.453	ng/ul	99
61) Fluorene	15.763	166	2390619	65.180	ng/ul	99
71) Pentachlorophenol	17.110	266	62374	8.744	ng/ul	97
72) Phenanthrene	17.504	178	5924387	110.645	ng/ul	99
74) Anthracene	17.604	178	26138186m	480.353	ng/ul	
80) Fluoranthene	19.510	202	8456868	153.134	ng/ul	99
82) Pyrene	19.880	202	12978094	225.804	ng/ul	98
85) Benzo(a)anthracene	21.615	228	5698570	108.660	ng/ul	97
87) Chrysene	21.674	228	9441913	191.888	ng/ul	97
90) Benzo(b)fluoranthene	23.380	252	14849908	231.423	ng/ul	97
91) Benzo(k)fluoranthene	23.415	252	3804261m	61.173	ng/ul	
93) Benzo(a)pyrene	24.027	252	7205475	127.694	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	26.733	276	4489298	61.774	ng/ul	98
95) Dibenzo(a,h)anthracene	26.733	278	1186866m	19.373	ng/ul	
96) Benzo(g,h,i)perylene	27.544	276	3132755	53.992	ng/ul	97

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

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