

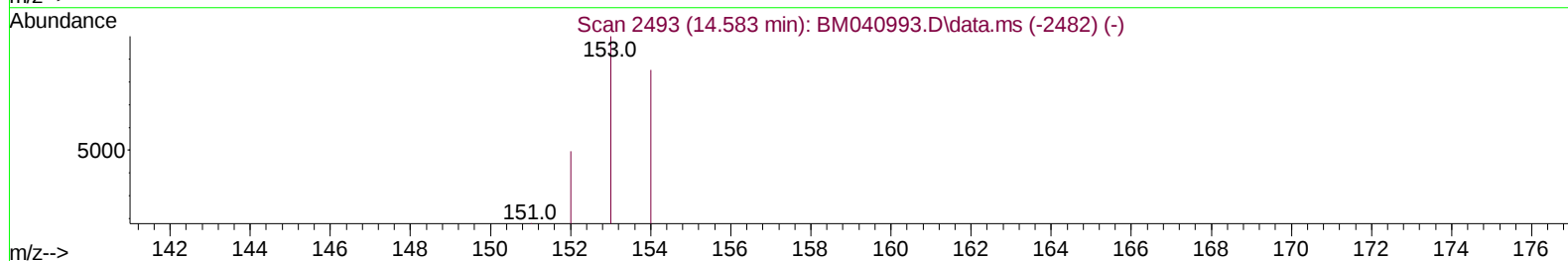
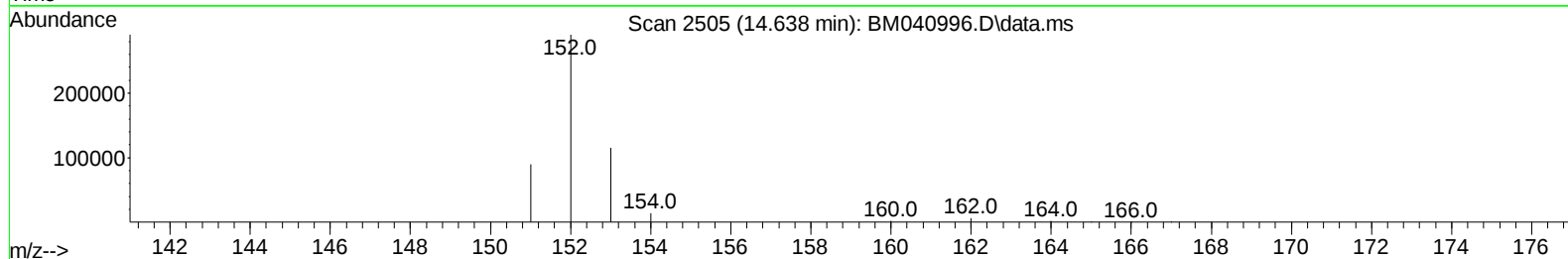
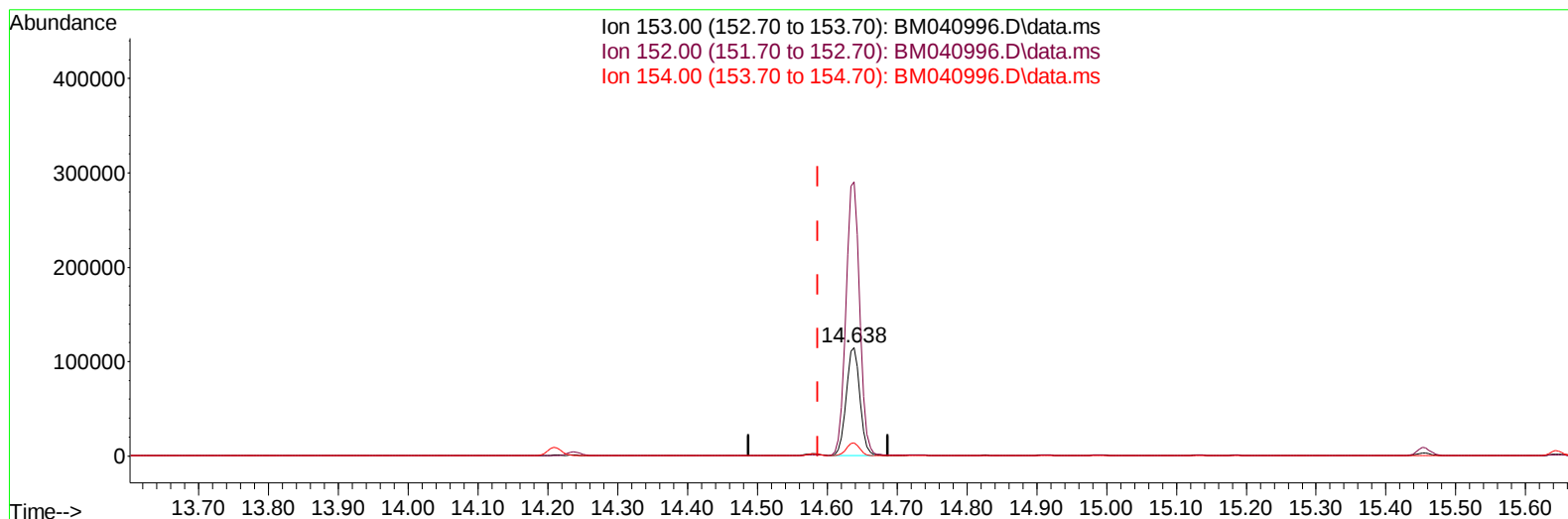
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072023\
 Data File : BM040996.D
 Acq On : 21 Jul 2023 00:48
 Operator : MA/JU
 Sample : 03444-07
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A46Q1

Manual IntegrationsAPPROVED

Quant Time: Jul 21 01:47:43 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 20 05:08:42 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/21/2023
 Supervised By :mohammad ahmed 07/21/2023



TIC: BM040996.D\data.ms

(11) Acenaphthene (C)

14.638min (+ 0.051) 4.39 ng/u1

response 155947

Ion	Exp%	Act%
153.00	100.00	100.00
152.00	51.30	252.89#
154.00	85.20	12.12#
0.00	0.00	0.00

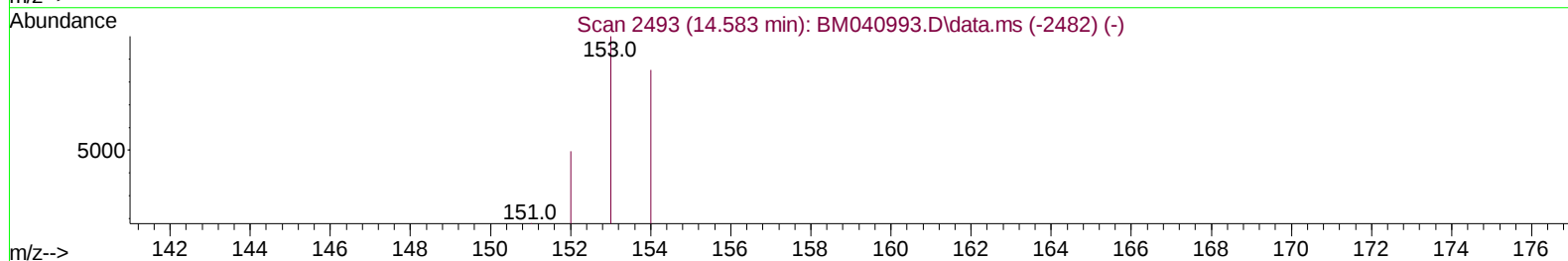
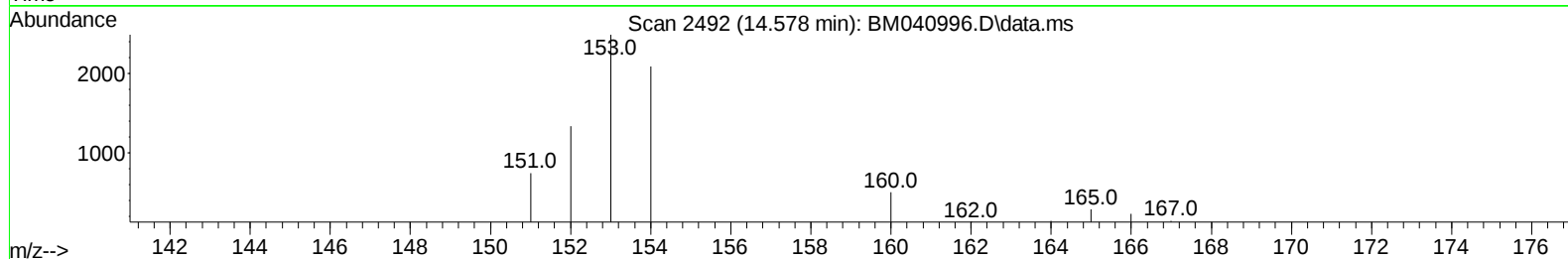
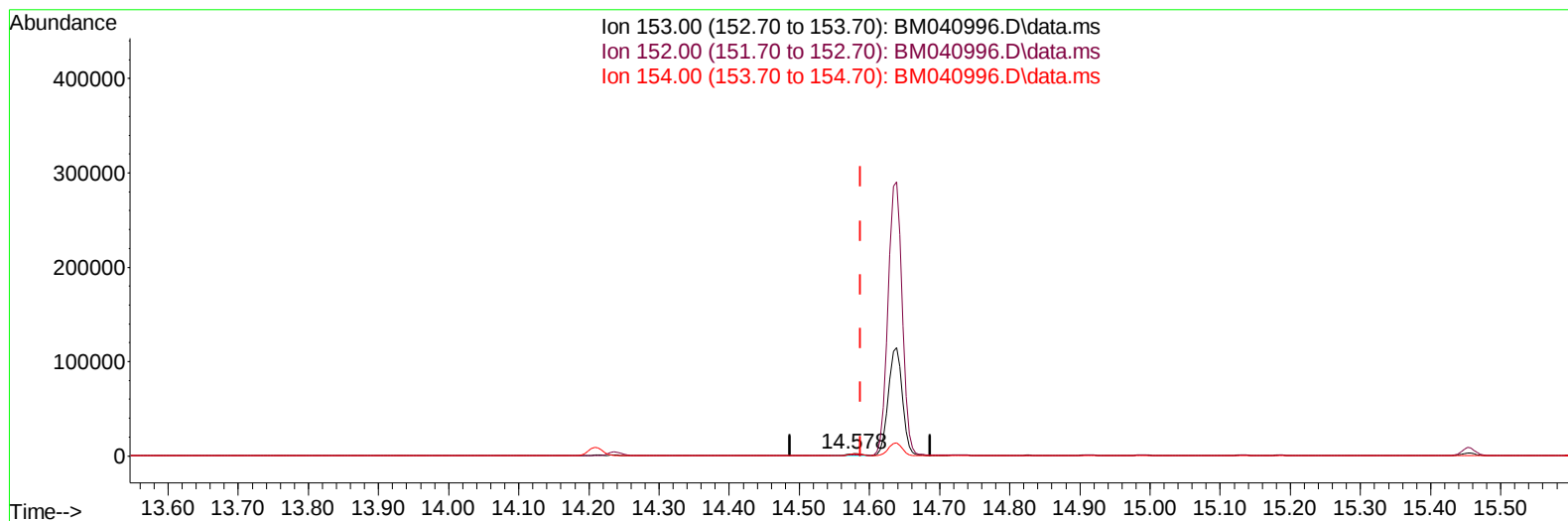
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 Supervised By :mohammad ahmed 07/21/2023



TIC: BM040996.D\data.ms

(11) Acenaphthene (C)

14.578min (-0.009) 0.10 ng/ul m

response 3457

Ion	Exp%	Act%
153.00	100.00	100.00
152.00	51.30	53.69
154.00	85.20	84.06
0.00	0.00	0.00

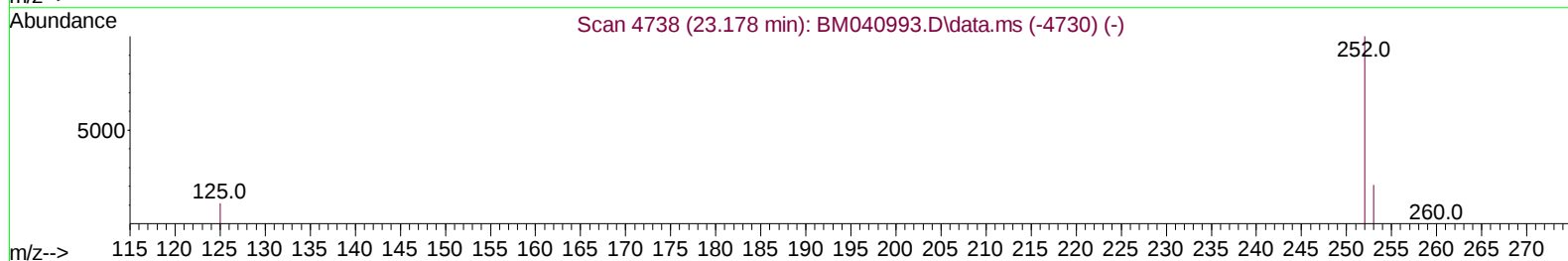
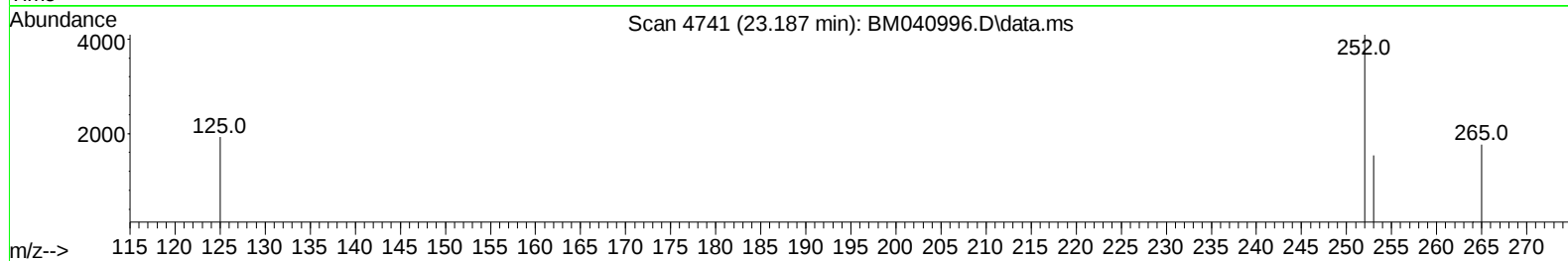
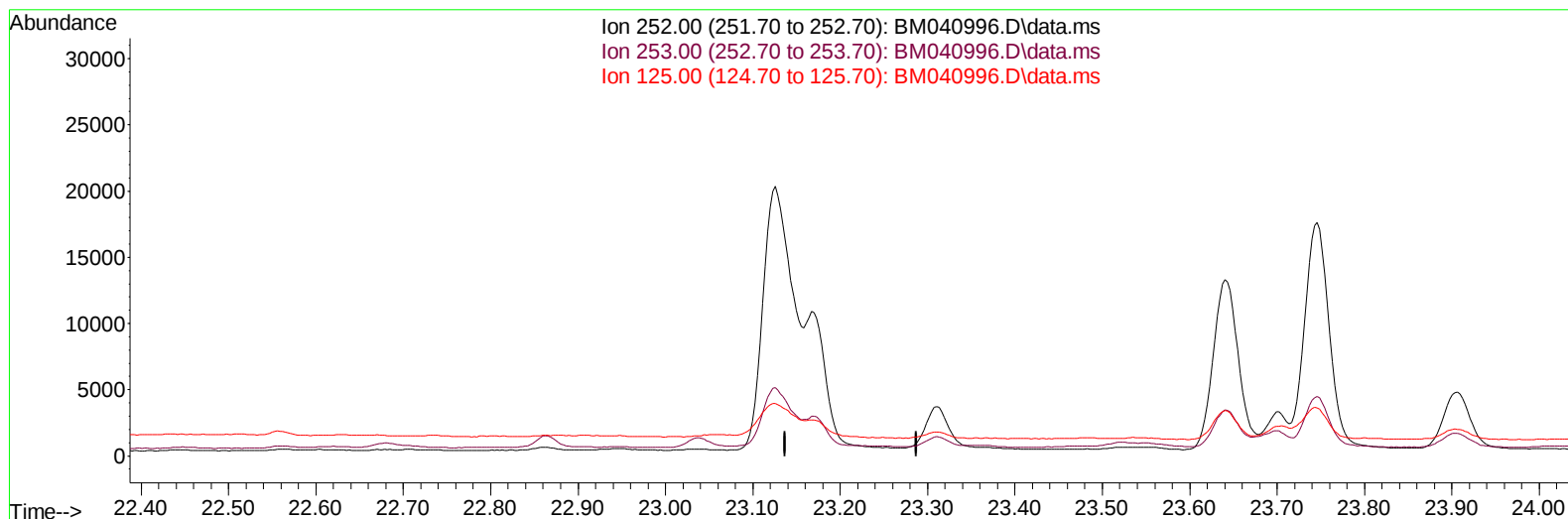
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072023\
Data File : BM040996.D
Acq On : 21 Jul 2023 00:48
Operator : MA/JU
Sample : 03444-07
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A46Q1

Manual IntegrationsAPPROVED

Quant Time: Jul 21 01:47:43 2023
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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TIC: BM040996.D\data.ms

(25) Benzo(k)fluoranthene

23.187min (-23.187) 0.00 ng/u1

response 0

Ion	Exp%	Act%
252.00	100.00	0.00
253.00	29.10	0.00#
125.00	22.70	0.00#
0.00	0.00	0.00

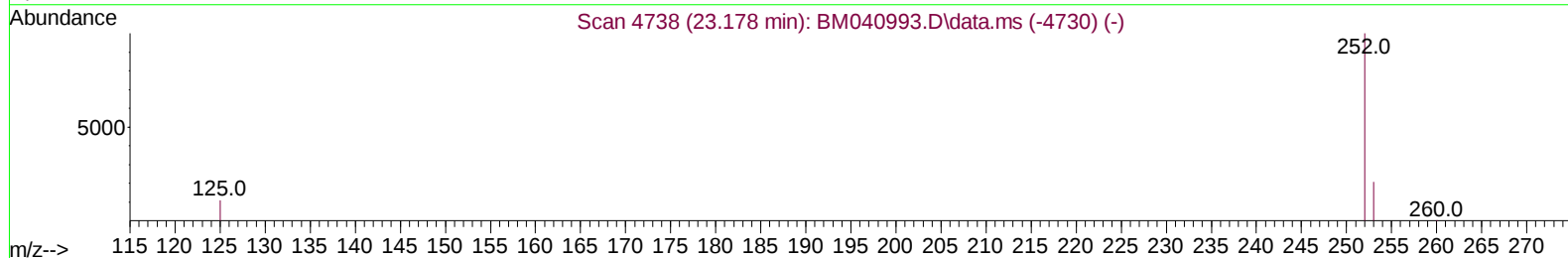
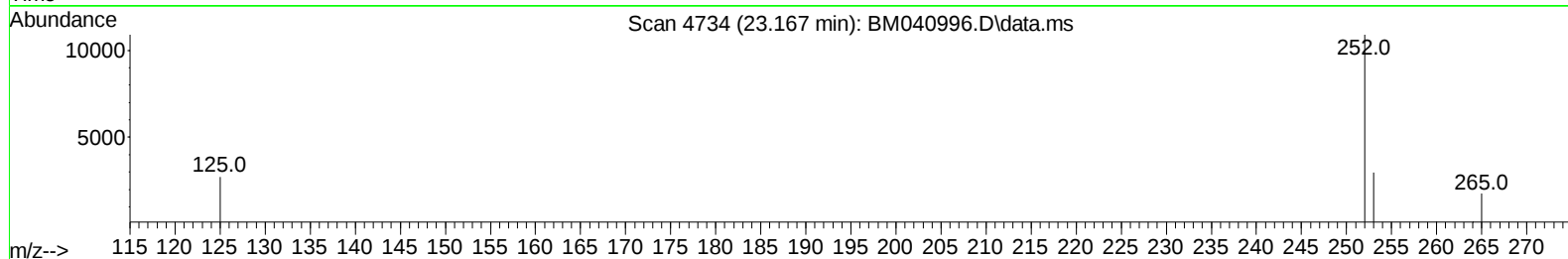
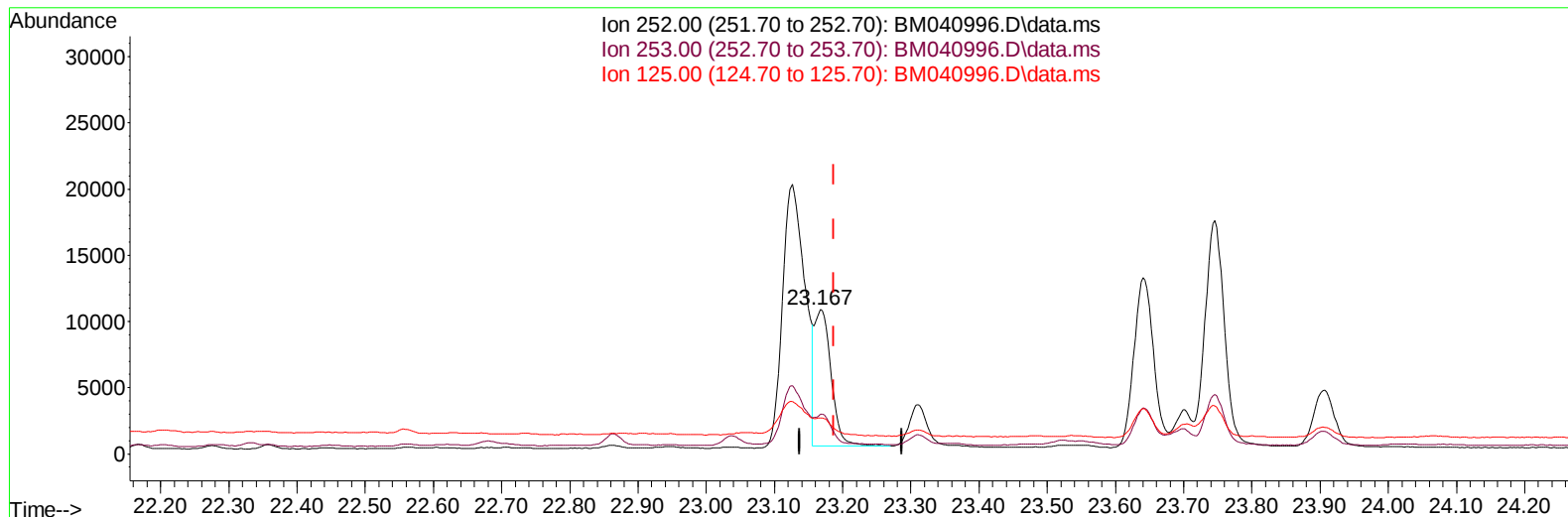
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Sample : 03444-07
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A46Q1

Manual IntegrationsAPPROVED

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TIC: BM040996.D\data.ms

(25) Benzo(k)fluoranthene

23.167min (-0.020) 0.39 ng/u1 m

response 17469

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	29.10	27.35
125.00	22.70	24.95
0.00	0.00	0.00

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 Operator : MA/JU
 Sample : 03444-07
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A46Q1

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/21/2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.862	152	3922	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.669	136	12931	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.518	164	9628	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.270	188	20009	0.400	ng/ul	#-0.01
17) Chrysene-d12	21.463	240	9630	0.400	ng/ul	0.00
23) Perylene-d12	23.854	264	12243	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	37872	5.873	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.264	152	9778	0.567	ng/ul	-0.02
18) Fluoranthene-d10	19.301	212	11882	0.293	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.719	128	5110	0.144	ng/ul#	95
7) 2-Methylnaphthalene	12.341	142	2552	0.132	ng/ul	99
8) 1-Methylnaphthalene	12.561	142	1639	0.079	ng/ul	95
10) Acenaphthylene	14.236	152	6737	0.167	ng/ul#	89
11) Acenaphthene	14.578	153	3457m	0.097	ng/ul	
12) Fluorene	15.568	166	2652	0.072	ng/ul#	90
15) Phenanthrene	17.312	178	39734	0.664	ng/ul	99
16) Anthracene	17.405	178	6599	0.142	ng/ul#	93
19) Fluoranthene	19.334	202	74155	1.491	ng/ul	96
20) Pyrene	19.696	202	73048	1.438	ng/ul	99
21) Benzo(a)anthracene	21.445	228	30490	1.039	ng/ul	96
22) Chrysene	21.498	228	37057	1.105	ng/ul	97
24) Benzo(b)fluoranthene	23.126	252	45550	0.969	ng/ul	94
25) Benzo(k)fluoranthene	23.167	252	17469m	0.391	ng/ul	
26) Benzo(a)pyrene	23.746	252	33841	0.834	ng/ul#	82
27) Indeno(1,2,3-cd)pyrene	26.317	276	25426	0.472	ng/ul#	91
28) Dibenzo(a,h)anthracene	26.334	278	5841	0.143	ng/ul#	88
29) Benzo(g,h,i)perylene	27.082	276	27132	0.545	ng/ul	97

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

