Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062022\
Data File : BM035581.D
Acq On : 21 Jun 2022 21:01
Operator : CG/JU
Sample : N3226-10
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jun 22 01:33:20 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM061822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 20 01:56:13 2022
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
EW4N0

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 06/22/2022
Supervised By :Yogesh Patel 06/25/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.825	152	4952	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.616	136	17089	0.400	ng/ul	-0.03
9) Acenaphthene-d10	14.455	164	10415	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.203	188	22205	0.400	ng/ul	-0.03
17) Chrysene-d12	21.403	240	16677	0.400	ng/ul	0.00
23) Perylene-d12	23.736	264	15893	0.400	ng/ul	#-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.264	96	13016	1.868	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.250	152	4813	0.190	ng/ul	0.00
18) Fluoranthene-d10	19.238	212	11384	0.203	ng/ul	-0.01
Target Compounds						Qvalue
15) Phenanthrene	17.241	178	3911	0.048	ng/ul	97
19) Fluoranthene	19.271	202	9805	0.115	ng/ul#	94
20) Pyrene	19.619	202	8819m	0.099	ng/ul	
21) Benzo(a)anthracene	21.395	228	4500	0.071	ng/ul#	89
22) Chrysene	21.441	228	4681	0.062	ng/ul#	90
24) Benzo(b)fluoranthene	23.031	252	6045	0.087	ng/ul#	23
25) Benzo(k)fluoranthene	23.072	252	2976m	0.041	ng/ul	
26) Benzo(a)pyrene	23.628	252	3663	0.051	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	26.215	276	2737	0.033	ng/ul#	92

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

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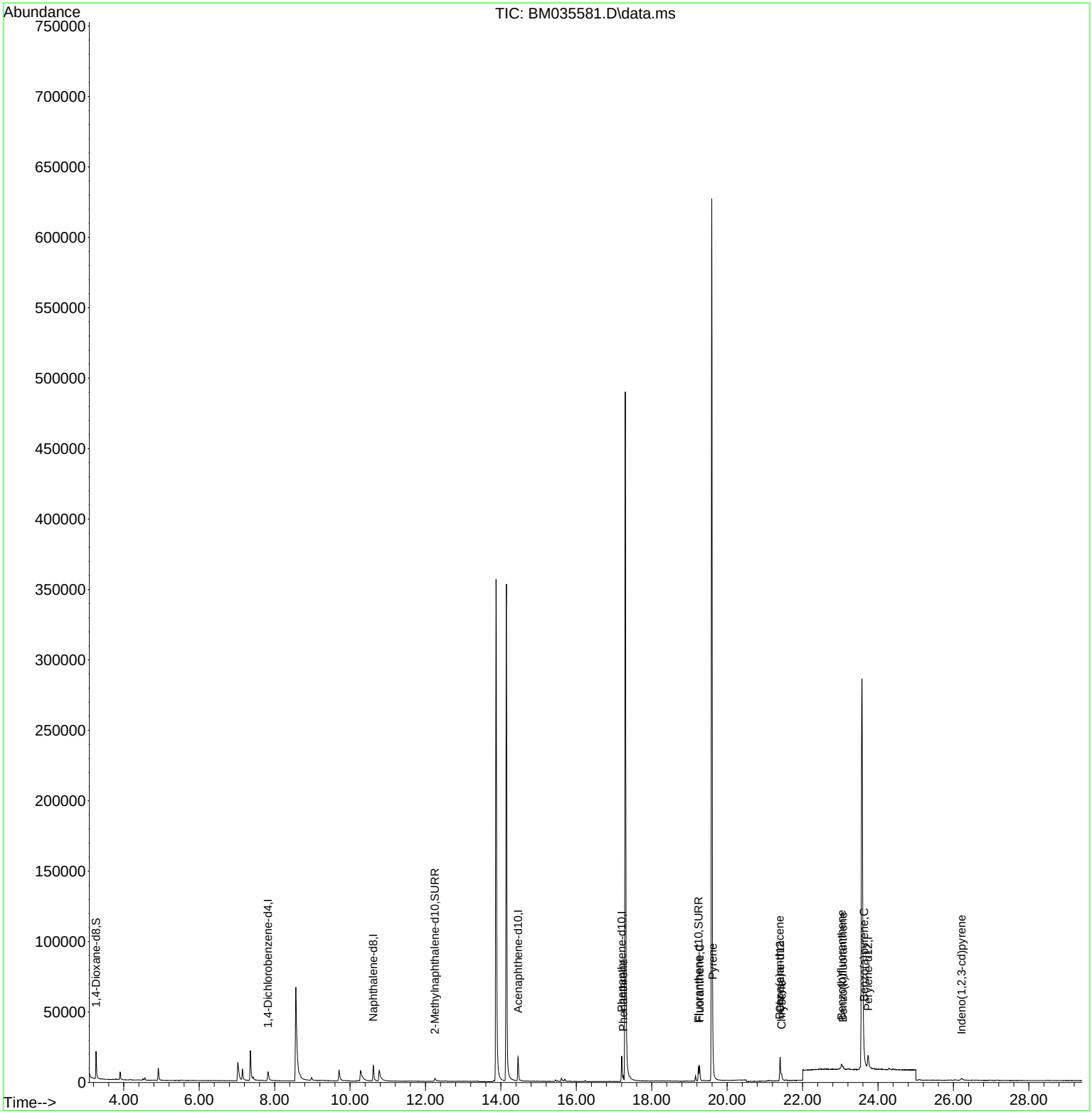

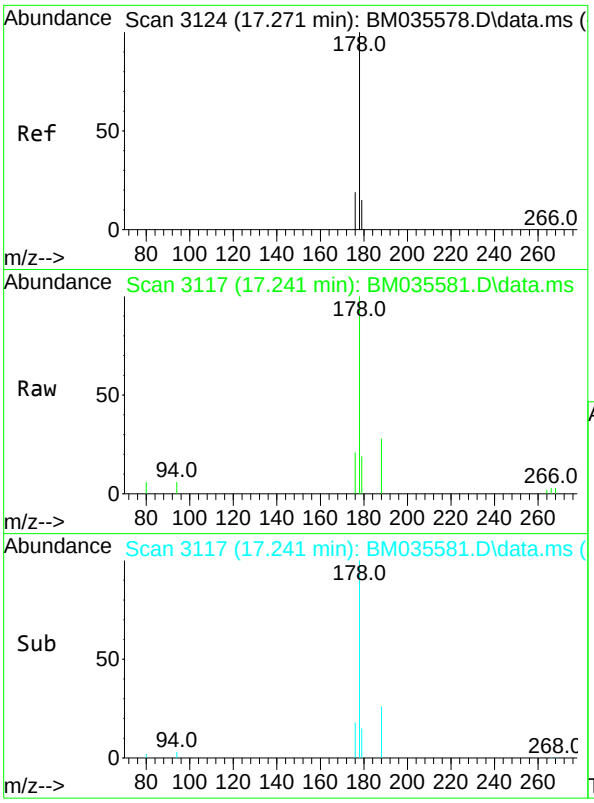

#15
Phenanthrene
Concen: 0.048 ng/ul
RT: 17.241 min Scan# 3
Delta R.T. -0.030 min
Lab File: BM035581.D
Acq: 21 Jun 2022 21:01

Tgt Ion:178 Resp: 391

Ion	Ratio	Lower	Upper
178	100		
179	18.7	13.2	19.8
176	21.2	16.2	24.4

Instrument :
BNA_M
ClientSampleId :
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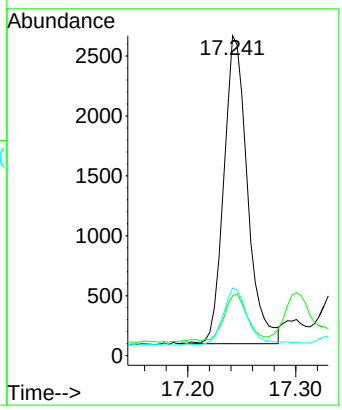
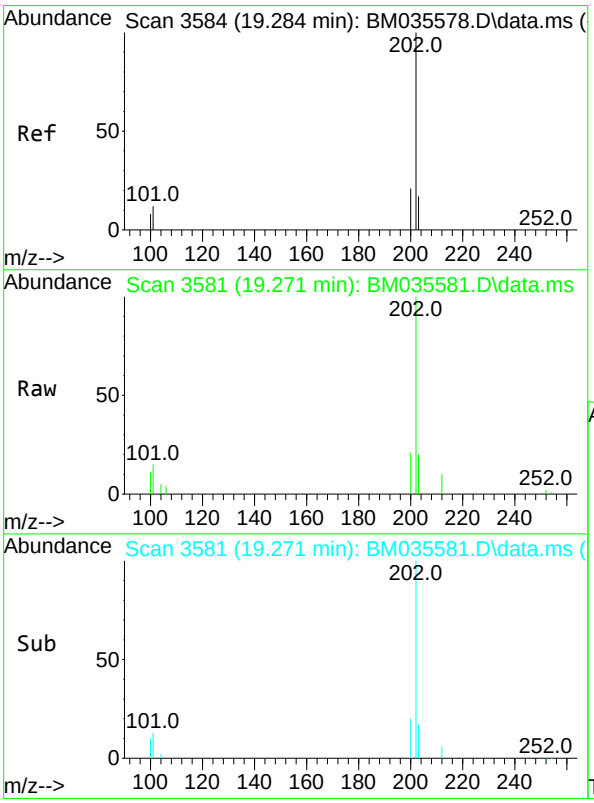
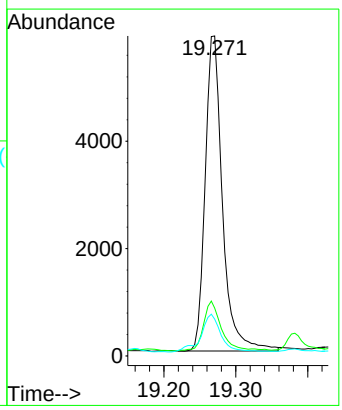


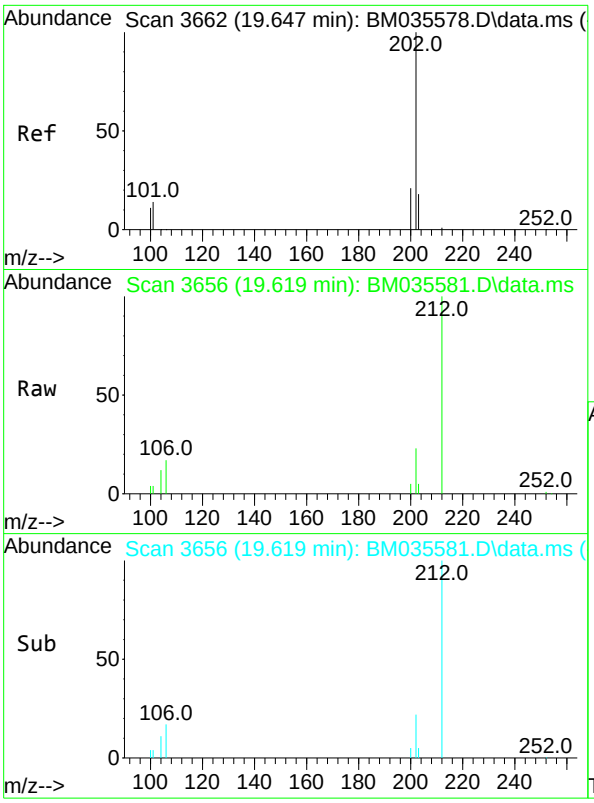


#19
Fluoranthene
Concen: 0.115 ng/ul
RT: 19.271 min Scan# 3581
Delta R.T. -0.015 min
Lab File: BM035581.D
Acq: 21 Jun 2022 21:01

Tgt Ion:202 Resp: 9805

Ion	Ratio	Lower	Upper
202	100		
101	14.9	10.0	15.0
100	11.5	7.5	11.3#

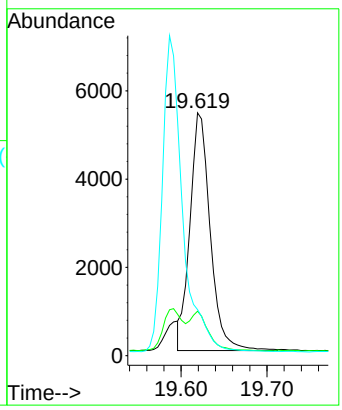




#20
Pyrene
Concen: 0.099 ng/ul m
RT: 19.619 min Scan# 3
Delta R.T. -0.029 min
Lab File: BM035581.D
Acq: 21 Jun 2022 21:01

Tgt Ion:202 Resp: 881

Ion	Ratio	Lower	Upper
202	100		
101	18.3	11.6	17.4#
100	19.0	9.3	13.9#



Instrument :
BNA_M
ClientSampleId :
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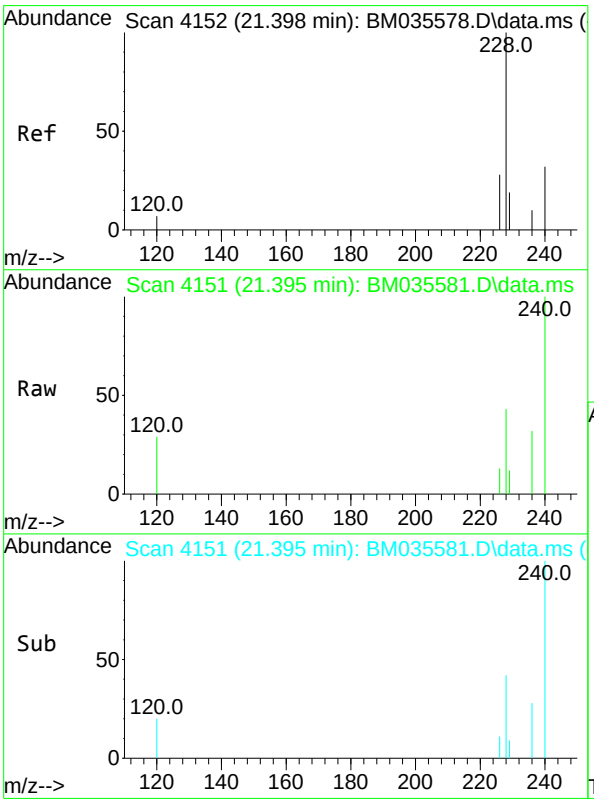
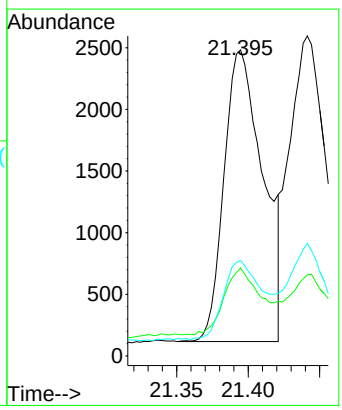
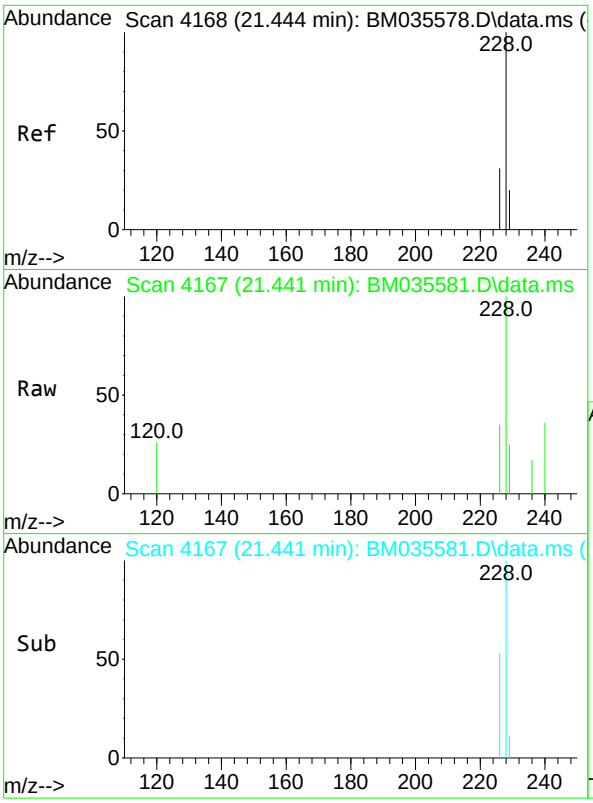


#21
Benzo(a)anthracene
Concen: 0.071 ng/ul
RT: 21.395 min Scan# 4151
Delta R.T. -0.005 min
Lab File: BM035581.D
Acq: 21 Jun 2022 21:01

Tgt Ion:228 Resp: 4500

Ion	Ratio	Lower	Upper
228	100		
229	28.8	16.2	24.2#
226	31.1	22.3	33.5

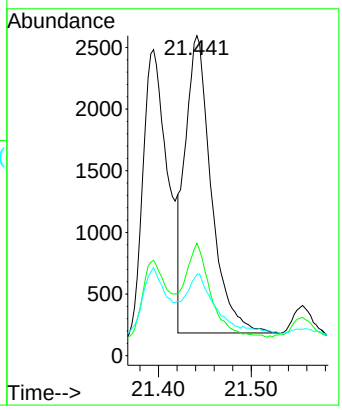




#22
Chrysene
Concen: 0.062 ng/ul
RT: 21.441 min Scan# 4
Delta R.T. -0.008 min
Lab File: BM035581.D
Acq: 21 Jun 2022 21:01

Tgt Ion:228 Resp: 468

Ion	Ratio	Lower	Upper
228	100		
226	35.2	24.5	36.7
229	25.3	15.8	23.8#



Instrument :
BNA_M
ClientSampleId :
EW4N0

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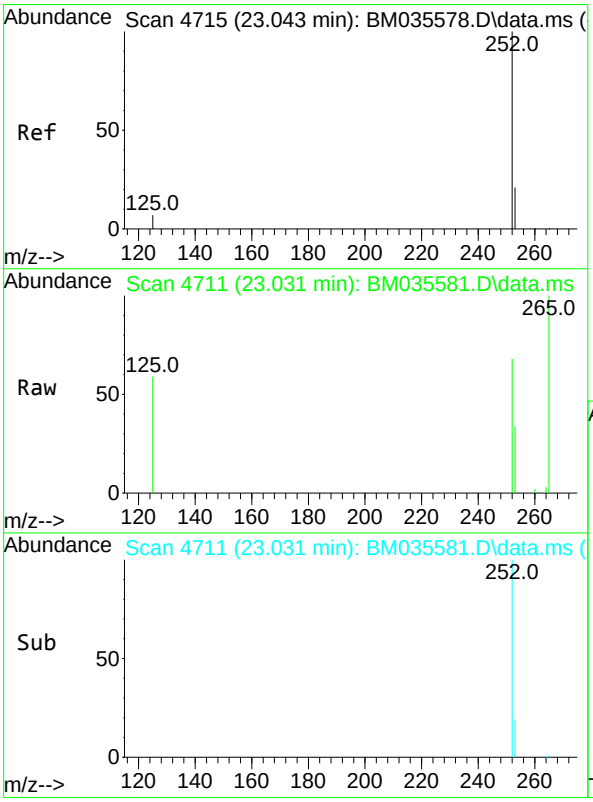
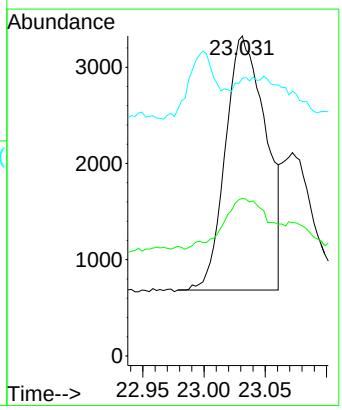
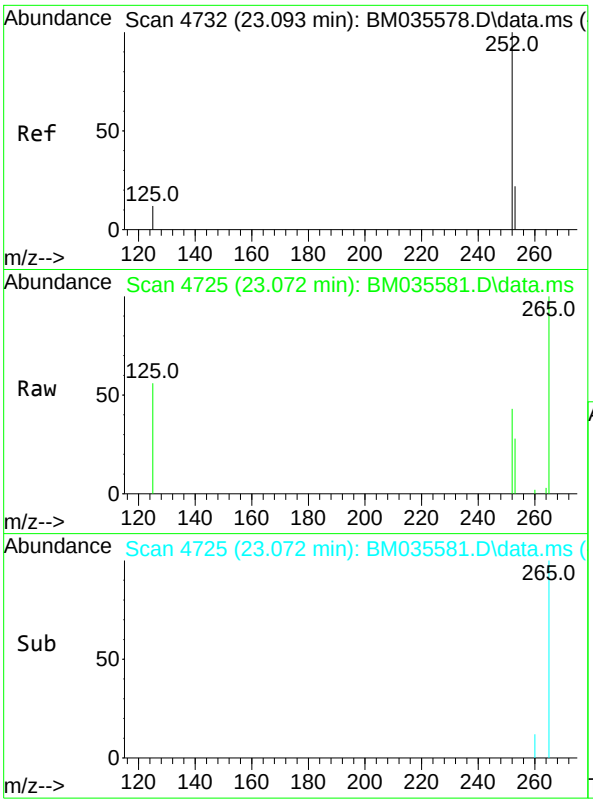


#24
Benzo(b)fluoranthene
Concen: 0.087 ng/ul
RT: 23.031 min Scan# 4711
Delta R.T. -0.020 min
Lab File: BM035581.D
Acq: 21 Jun 2022 21:01

Tgt Ion:252 Resp: 6045

Ion	Ratio	Lower	Upper
252	100		
253	49.2	0.0	60.6
125	86.8	0.0	44.8#

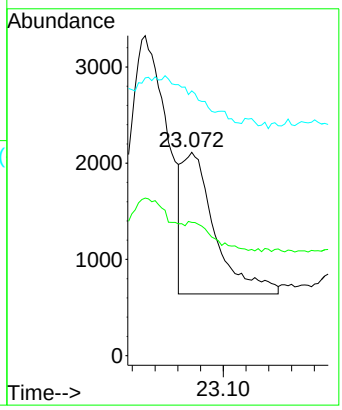




#25
Benzo(k)fluoranthene
Concen: 0.041 ng/ul m
RT: 23.072 min Scan# 4
Delta R.T. -0.025 min
Lab File: BM035581.D
Acq: 21 Jun 2022 21:01

Tgt Ion:252 Resp: 297

Ion	Ratio	Lower	Upper
252	100		
253	65.5	24.7	37.1#
125	130.2	18.2	27.4#



Instrument :
BNA_M
ClientSampleId :
EW4N0

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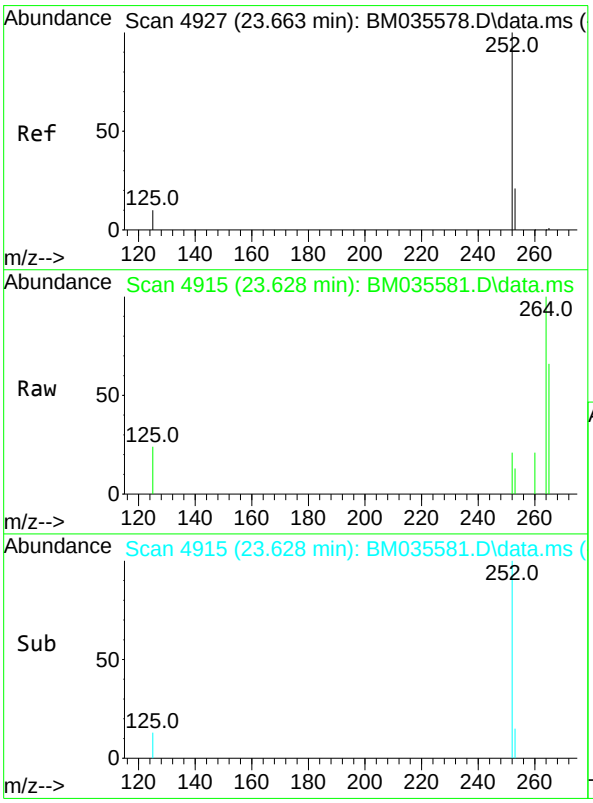
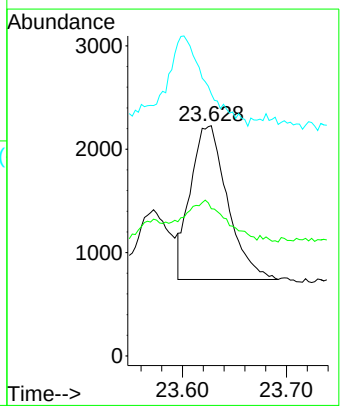
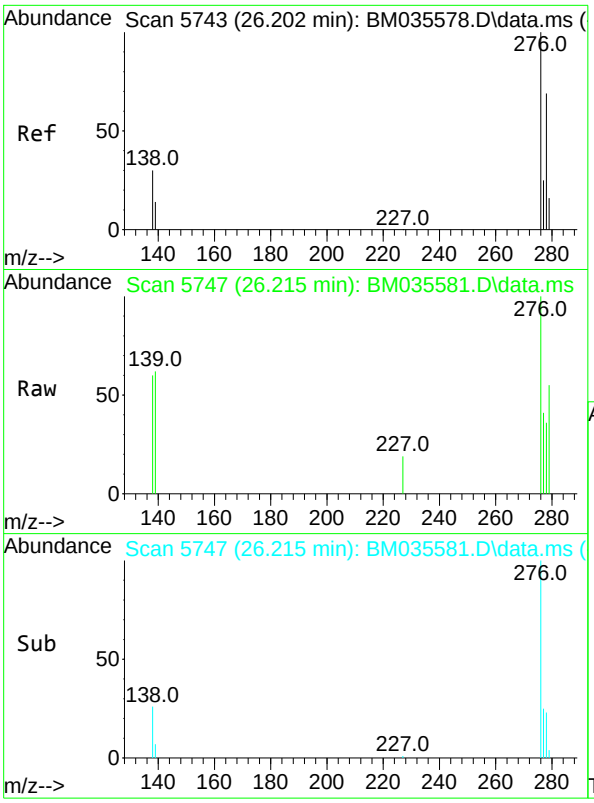


#26
Benzo(a)pyrene
Concen: 0.051 ng/ul
RT: 23.628 min Scan# 4915
Delta R.T. -0.040 min
Lab File: BM035581.D
Acq: 21 Jun 2022 21:01

Tgt Ion:252 Resp: 3663

Ion	Ratio	Lower	Upper
252	100		
253	63.9	27.8	41.6#
125	113.8	23.3	34.9#

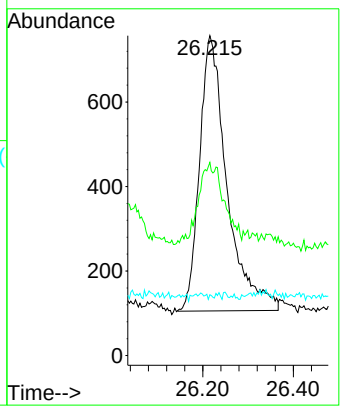




#27
Indeno(1,2,3-cd)pyrene
Concen: 0.033 ng/ul
RT: 26.215 min Scan# 5
Delta R.T. 0.004 min
Lab File: BM035581.D
Acq: 21 Jun 2022 21:01

Tgt Ion:276 Resp: 273

Ion	Ratio	Lower	Upper
276	100		
138	26.6	24.8	37.2
227	0.2	0.1	0.1#



Instrument :
BNA_M
ClientSampleId :
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