Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062322\
Data File : BM035632.D
Acq On : 23 Jun 2022 19:16
Operator : CG/JU
Sample : N3358-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Jun 24 01:36:06 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 :
EW4S0

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 06/24/2022
Supervised By :Yogesh Patel 06/28/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.842	152	6	0.400	ng/ul	#-0.02
4) Naphthalene-d8	10.556	136	6889m	0.400	ng/ul	-0.09
9) Acenaphthene-d10	14.450	164	1019m	0.400	ng/ul	-0.02
13) Phenanthrene-d10	17.199	188	1026	0.400	ng/ul	#-0.03
17) Chrysene-d12	21.409	240	834	0.400	ng/ul	# 0.00
23) Perylene-d12	23.721	264	4341m	0.400	ng/ul	-0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.264	96	31839	3771.410	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.211	152	11151	1.089	ng/ul	-0.03
18) Fluoranthene-d10	19.233	212	20315	7.251	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.302	88	277	32.958	ng/ul#	82
11) Acenaphthene	14.515	153	828m	0.195	ng/ul	
12) Fluorene	15.500	166	536m	0.112	ng/ul	
15) Phenanthrene	17.237	178	851	0.226	ng/ul#	53
16) Anthracene	17.326	178	695	0.211	ng/ul#	39
19) Fluoranthene	19.266	202	959	0.225	ng/ul#	39
21) Benzo(a)anthracene	21.401	228	586	0.186	ng/ul#	55
22) Chrysene	21.447	228	838	0.223	ng/ul#	55
25) Benzo(k)fluoranthene	23.075	252	468	0.024	ng/ul#	1

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

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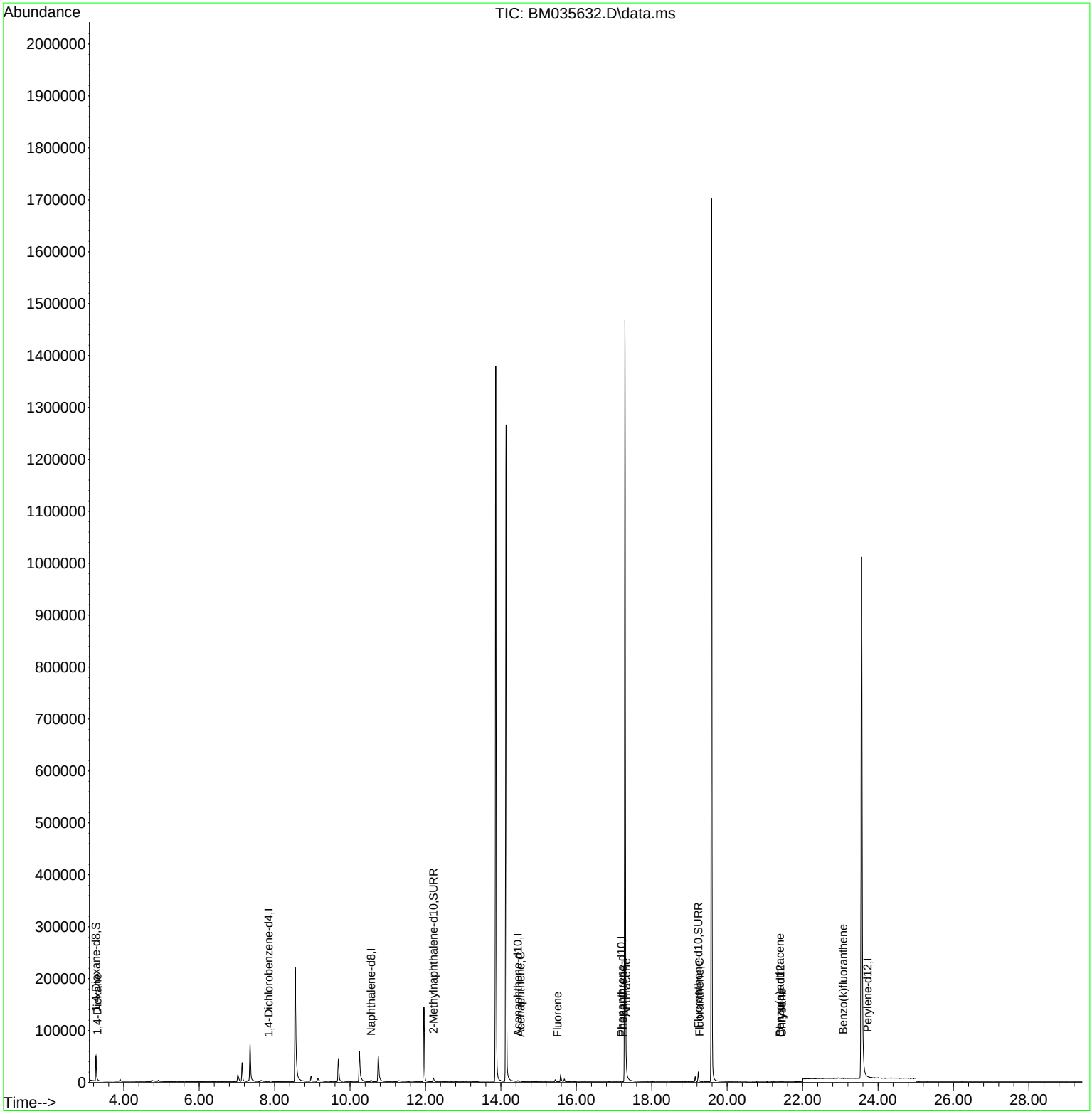

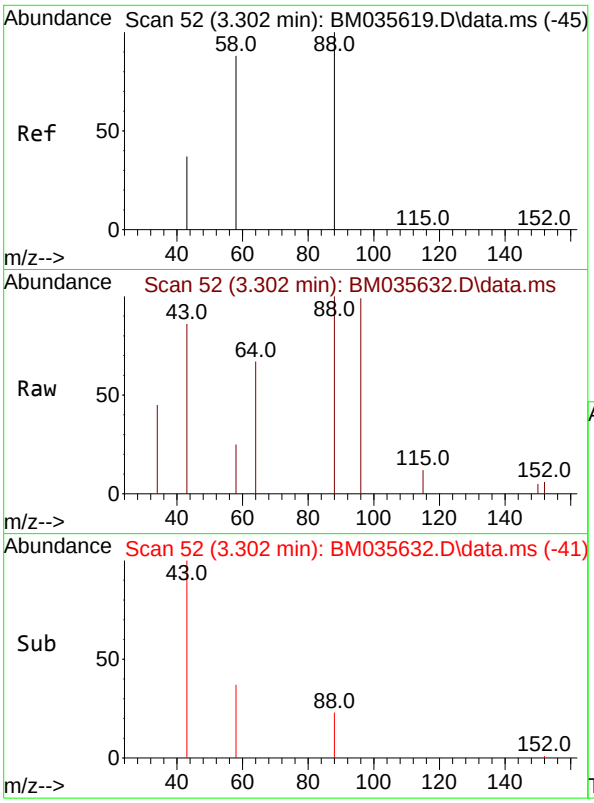

#2
1,4-Dioxane
Concen: 32.958 ng/ul
RT: 3.302 min Scan# 5
Delta R.T. -0.004 min
Lab File: BM035632.D
Acq: 23 Jun 2022 19:16

Tgt Ion: 88 Resp: 27

Ion	Ratio	Lower	Upper
88	100		
43	86.5	70.4	105.6
58	24.9	45.6	68.4#

Instrument :
BNA_M
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EW4S0

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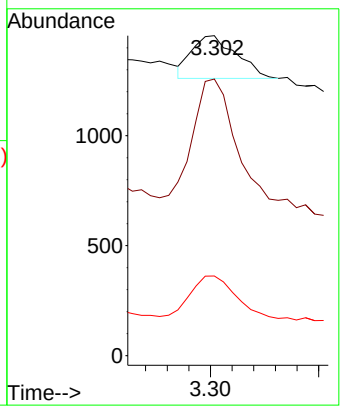
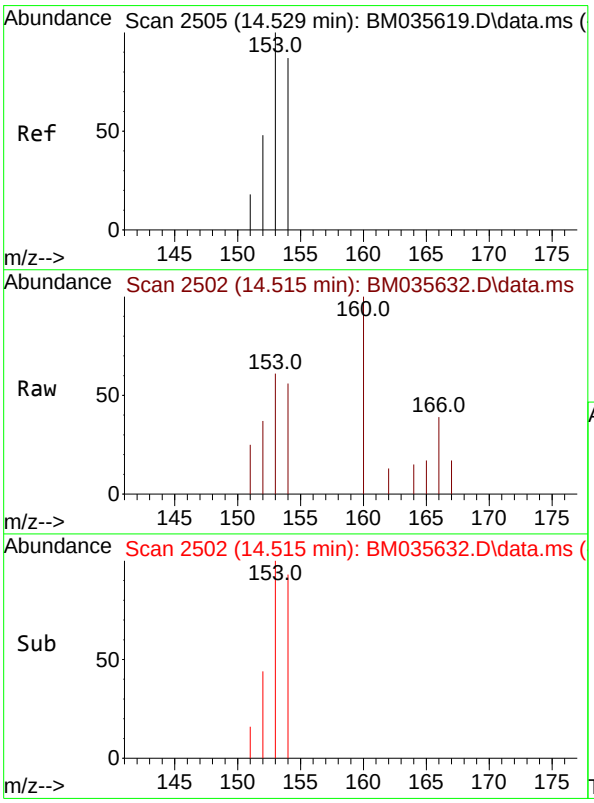
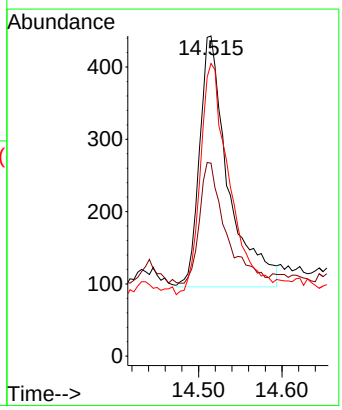


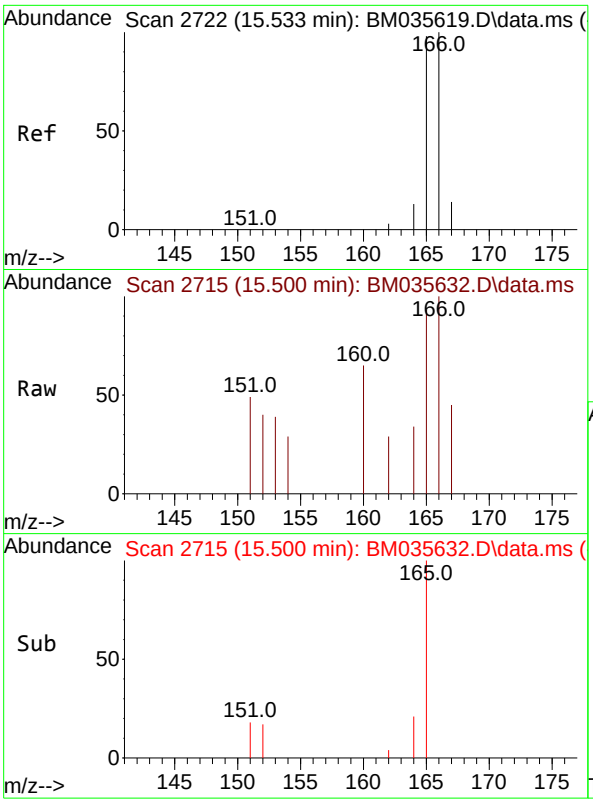


#11
Acenaphthene
Concen: 0.195 ng/ul m
RT: 14.515 min Scan# 2502
Delta R.T. -0.019 min
Lab File: BM035632.D
Acq: 23 Jun 2022 19:16

Tgt Ion:153 Resp: 828

Ion	Ratio	Lower	Upper
153	100		
152	60.3	40.0	60.0#
154	91.4	69.1	103.7

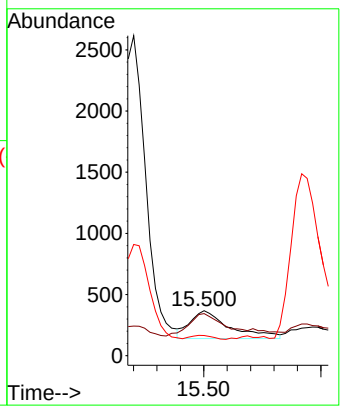




#12
Fluorene
Concen: 0.112 ng/ul m
RT: 15.500 min Scan# 2
Delta R.T. -0.038 min
Lab File: BM035632.D
Acq: 23 Jun 2022 19:16

Tgt Ion:166 Resp: 53(

Ion	Ratio	Lower	Upper
166	100		
165	93.5	78.7	118.1
167	44.8	11.6	17.4#



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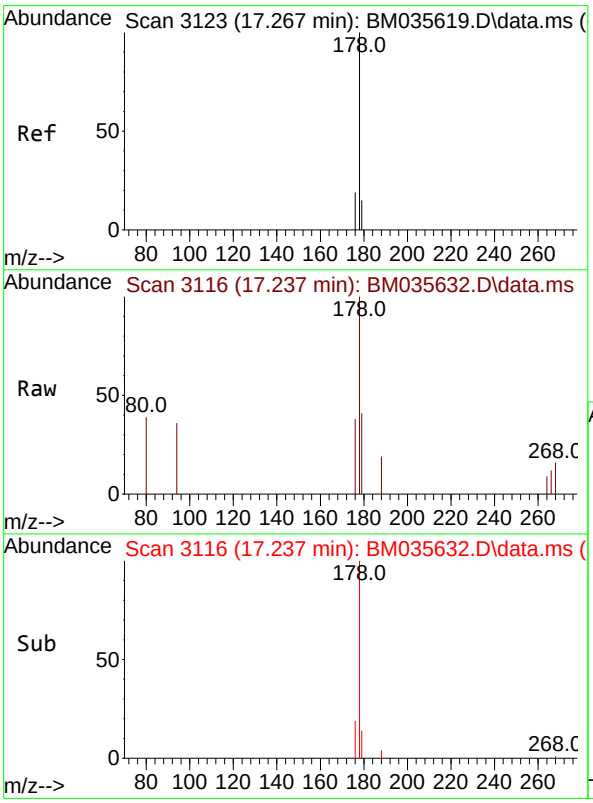
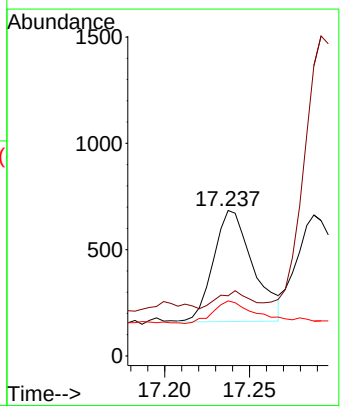
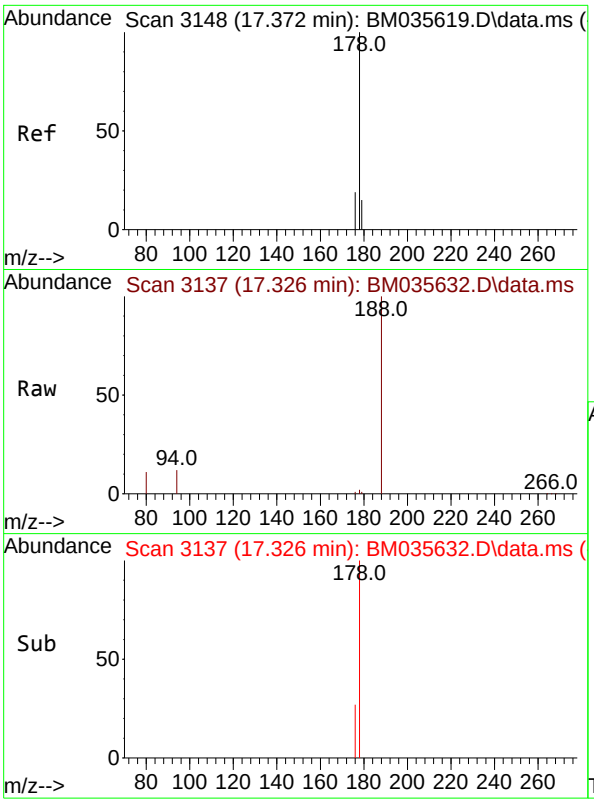


#15
Phenanthrene
Concen: 0.226 ng/ul
RT: 17.237 min Scan# 3116
Delta R.T. -0.035 min
Lab File: BM035632.D
Acq: 23 Jun 2022 19:16

Tgt Ion:178 Resp: 851

Ion	Ratio	Lower	Upper
178	100		
179	41.4	13.2	19.8#
176	37.9	16.2	24.4#

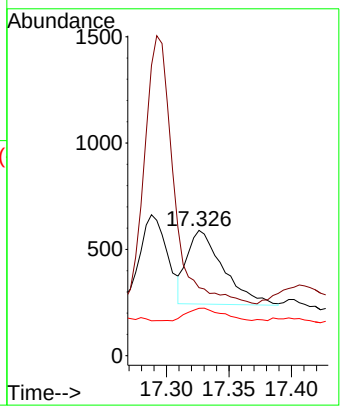




#16
Anthracene
Concen: 0.211 ng/ul
RT: 17.326 min Scan# 3
Delta R.T. -0.047 min
Lab File: BM035632.D
Acq: 23 Jun 2022 19:16

Tgt Ion:178 Resp: 69

Ion	Ratio	Lower	Upper
178	100		
179	54.3	13.4	20.0#
176	37.9	15.9	23.9#



Instrument :
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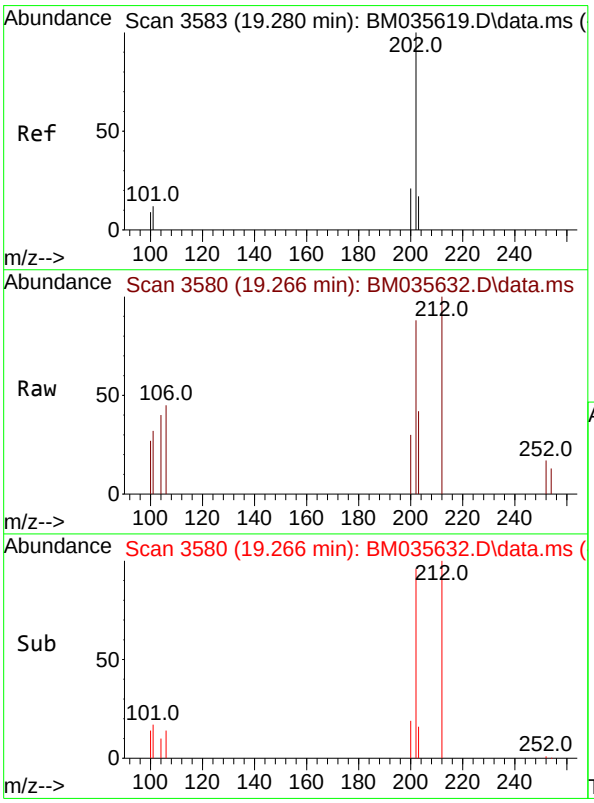
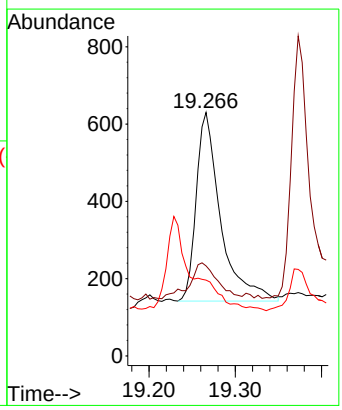
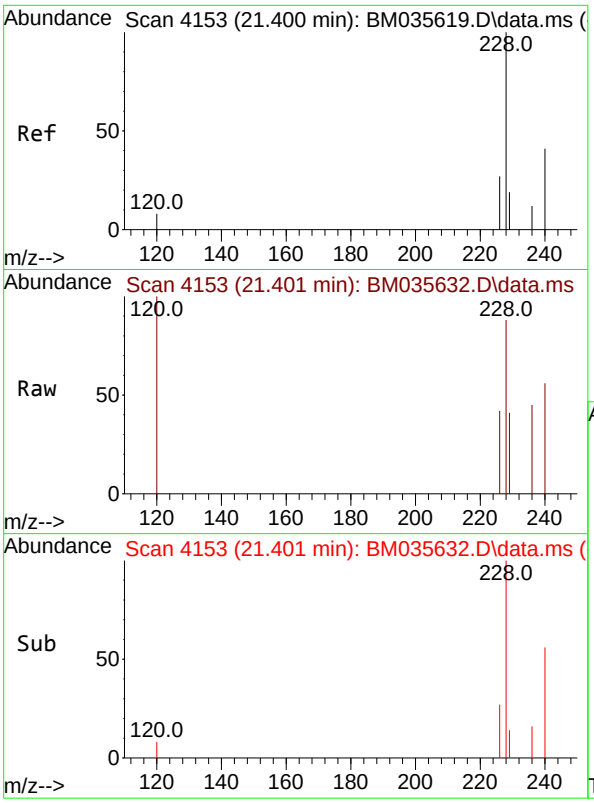


#19
Fluoranthene
Concen: 0.225 ng/ul
RT: 19.266 min Scan# 3580
Delta R.T. -0.019 min
Lab File: BM035632.D
Acq: 23 Jun 2022 19:16

Tgt Ion:202 Resp: 959

Ion	Ratio	Lower	Upper
202	100		
101	37.0	10.0	15.0#
100	31.1	7.5	11.3#

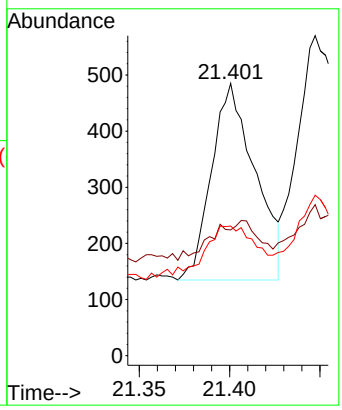




#21
Benzo(a)anthracene
Concen: 0.186 ng/ul
RT: 21.401 min Scan# 4
Delta R.T. 0.001 min
Lab File: BM035632.D
Acq: 23 Jun 2022 19:16

Tgt Ion:228 Resp: 58

Ion	Ratio	Lower	Upper
228	100		
229	46.2	16.2	24.2#
226	47.6	22.3	33.5#



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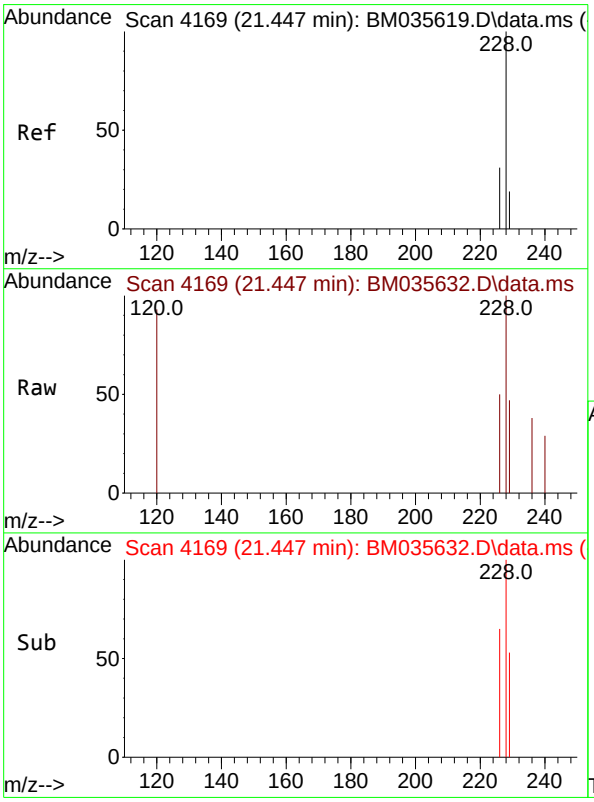
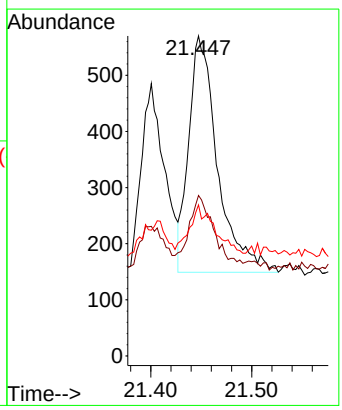
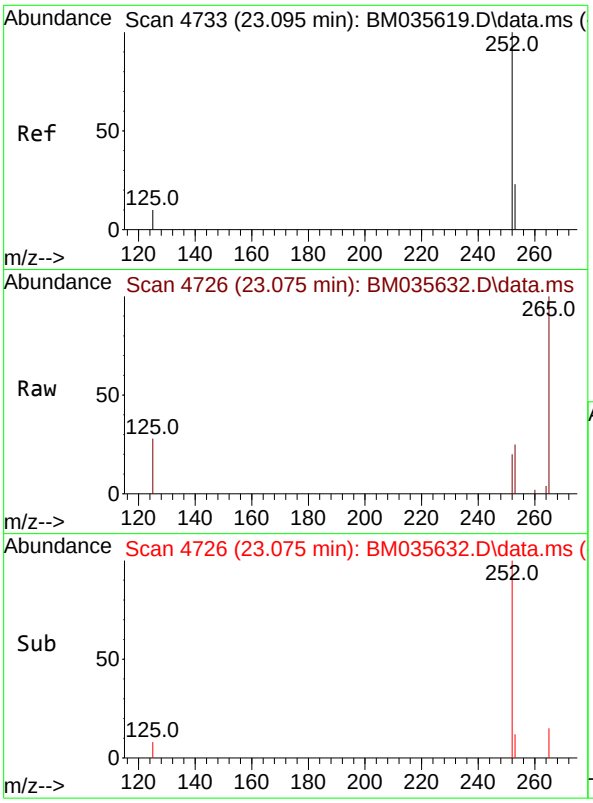


#22
Chrysene
Concen: 0.223 ng/ul
RT: 21.447 min Scan# 4169
Delta R.T. -0.002 min
Lab File: BM035632.D
Acq: 23 Jun 2022 19:16

Tgt Ion:228 Resp: 838

Ion	Ratio	Lower	Upper
228	100		
226	50.2	24.5	36.7#
229	47.2	15.8	23.8#

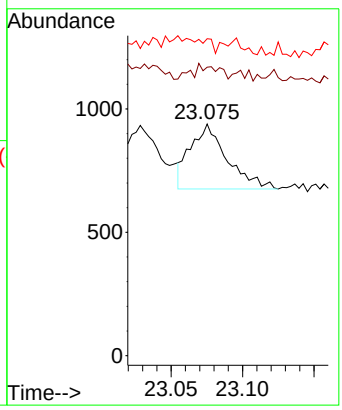




#25
Benzo(k)fluoranthene
Concen: 0.024 ng/ul
RT: 23.075 min Scan# 4
Delta R.T. -0.022 min
Lab File: BM035632.D
Acq: 23 Jun 2022 19:16

Tgt Ion:252 Resp: 46

Ion	Ratio	Lower	Upper
252	100		
253	124.5	24.7	37.1#
125	136.8	18.2	27.4#



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