Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042723\
Data File : BM039753.D
Acq On : 29 Apr 2023 01:19
Operator : CG/JU
Sample : 02417-11
Misc :
ALS Vial : 56 Sample Multiplier: 1

Quant Time: Apr 29 02:27:07 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 28 02:30:02 2023
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
EW8X7

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/01/2023
Supervised By :Jagrut Upadhyay 05/01/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.796	152	4418	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.595	136	16302	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.446	164	8857	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.200	188	16154	0.400	ng/ul	-0.02
17) Chrysene-d12	21.395	240	10800	0.400	ng/ul	-0.01
23) Perylene-d12	23.742	264	11137	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.193	96	17788	2.732	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.201	152	4363	0.209	ng/ul	-0.02
18) Fluoranthene-d10	19.234	212	7456	0.257	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.644	128	1055	0.026	ng/ul#	72
7) 2-Methylnaphthalene	12.272	142	741	0.031	ng/ul	92
8) 1-Methylnaphthalene	12.492	142	596	0.024	ng/ul	99
10) Acenaphthylene	14.168	152	1119	0.033	ng/ul#	74
15) Phenanthrene	17.242	178	7638	0.179	ng/ul	98
16) Anthracene	17.335	178	1290	0.035	ng/ul#	75
19) Fluoranthene	19.266	202	17508	0.454	ng/ul#	81
20) Pyrene	19.629	202	14469m	0.348	ng/ul	
21) Benzo(a)anthracene	21.380	228	7176	0.231	ng/ul#	93
22) Chrysene	21.433	228	7726	0.220	ng/ul	94
24) Benzo(b)fluoranthene	23.032	252	11534	0.295	ng/ul	81
25) Benzo(k)fluoranthene	23.073	252	4260m	0.107	ng/ul	
26) Benzo(a)pyrene	23.634	252	6769	0.193	ng/ul#	84
27) Indeno(1,2,3-cd)pyrene	26.169	276	6100	0.137	ng/ul#	94
29) Benzo(g,h,i)perylene	26.917	276	5047	0.130	ng/ul#	84

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

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042723\
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Misc :
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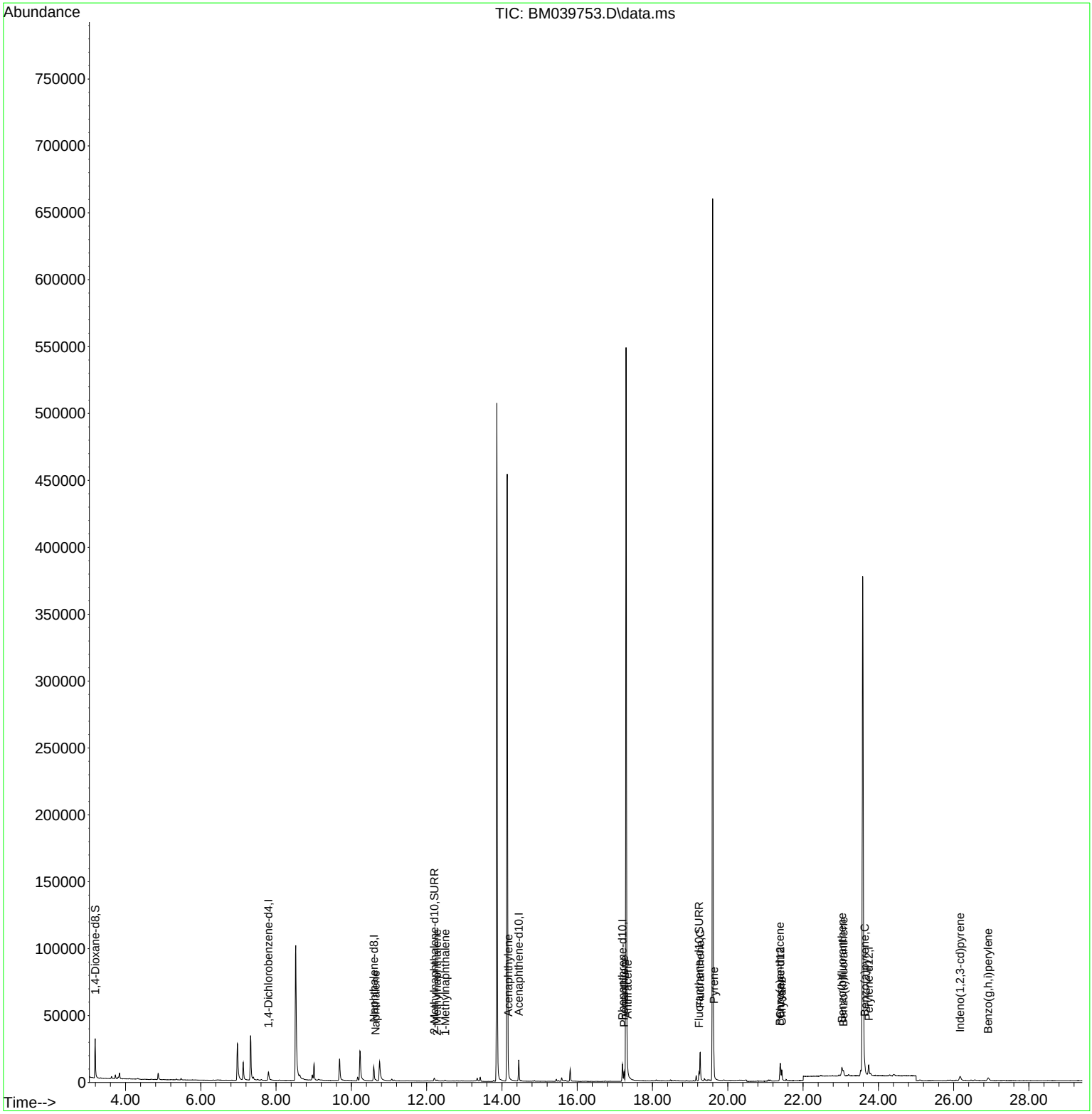

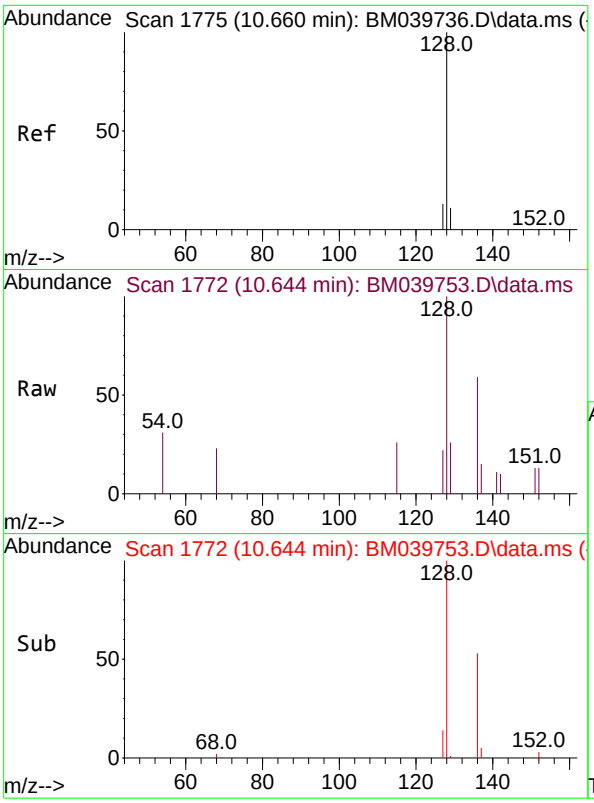

#5
Naphthalene
Concen: 0.026 ng/ul
RT: 10.644 min Scan# 1
Delta R.T. -0.017 min
Lab File: BM039753.D
Acq: 29 Apr 2023 01:19

Tgt Ion:128 Resp: 105

Ion	Ratio	Lower	Upper
128	100		
129	26.3	9.8	14.6#
127	22.3	11.1	16.7#

Instrument :
BNA_M
ClientSampleId :
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Manual Integrations
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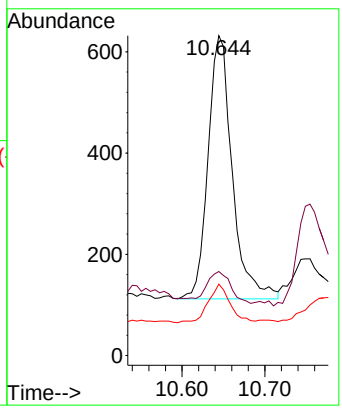
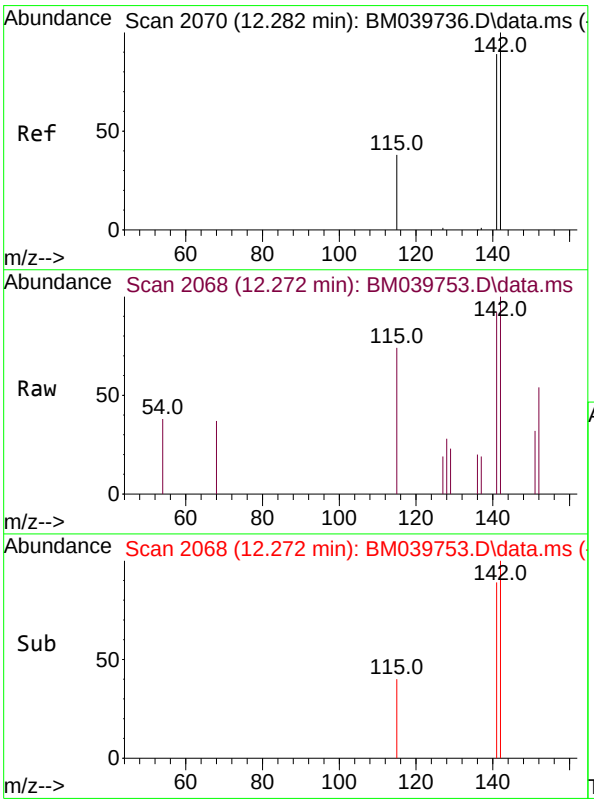
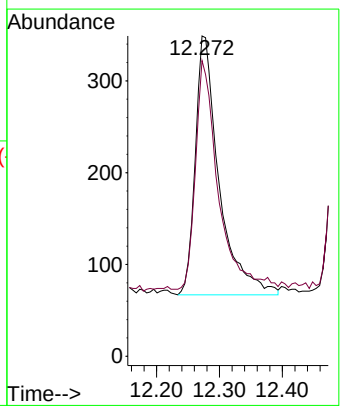


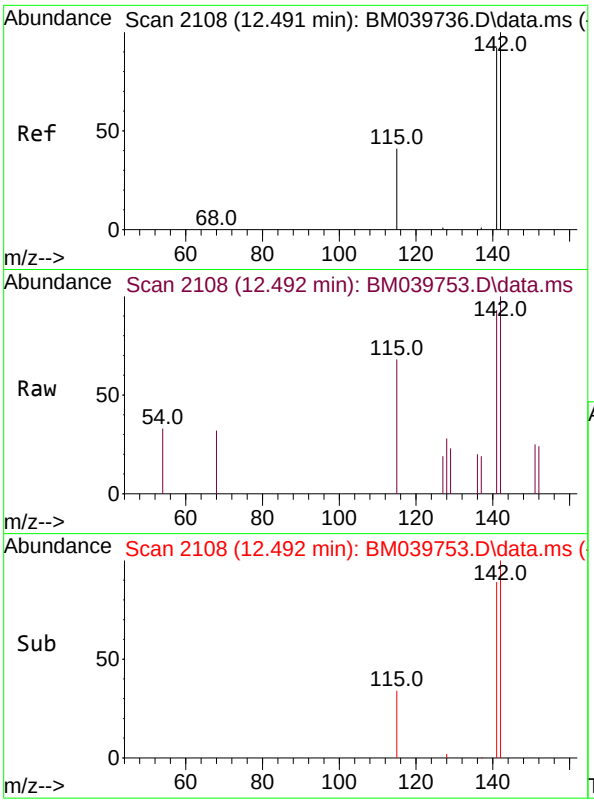


#7
2-Methylnaphthalene
Concen: 0.031 ng/ul
RT: 12.272 min Scan# 2068
Delta R.T. -0.017 min
Lab File: BM039753.D
Acq: 29 Apr 2023 01:19

Tgt Ion:142 Resp: 741

Ion	Ratio	Lower	Upper
142	100		
141	84.2	73.2	109.8





#8
1-Methylnaphthalene
Concen: 0.024 ng/ul
RT: 12.492 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM039753.D
Acq: 29 Apr 2023 01:19

Tgt Ion:142 Resp: 59

Ion	Ratio	Lower	Upper
142	100		
141	92.3	73.4	110.2

Instrument :
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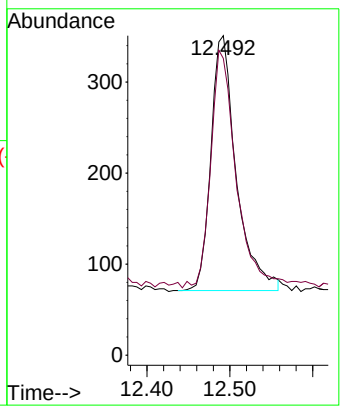
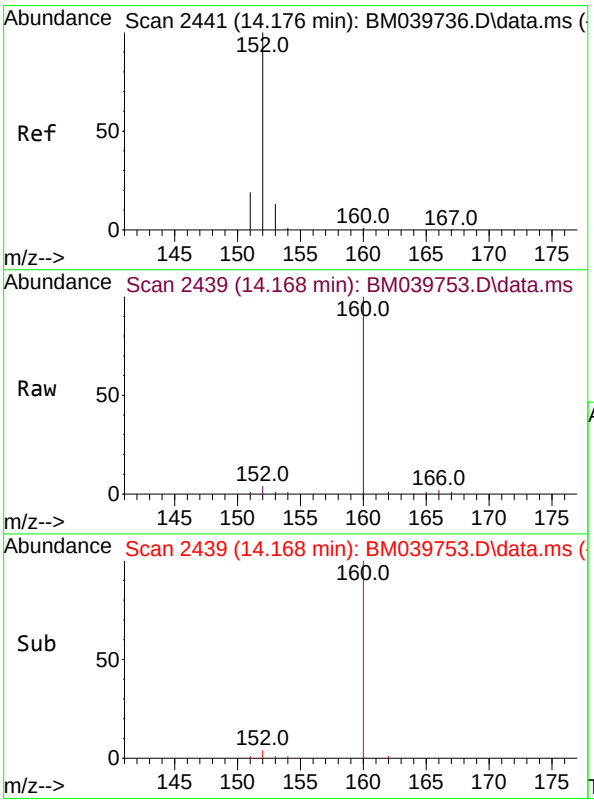
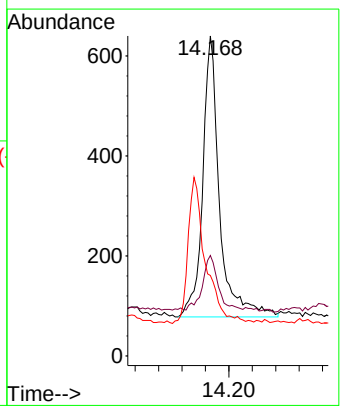


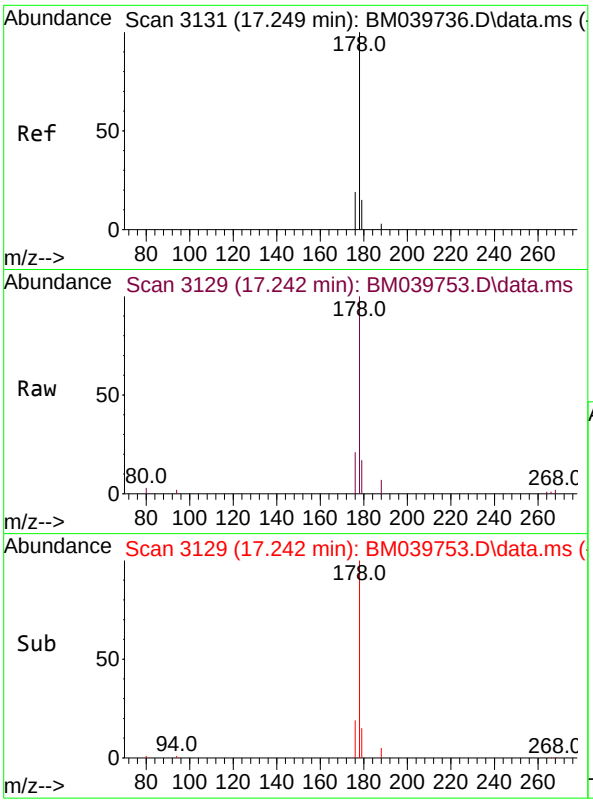


#10
Acenaphthylene
Concen: 0.033 ng/ul
RT: 14.168 min Scan# 2439
Delta R.T. -0.014 min
Lab File: BM039753.D
Acq: 29 Apr 2023 01:19

Tgt Ion:152 Resp: 1119

Ion	Ratio	Lower	Upper
152	100		
151	31.4	16.0	24.0#
153	25.2	11.2	16.8#

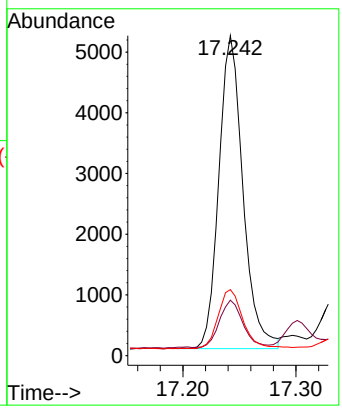




#15
Phenanthrene
Concen: 0.179 ng/ul
RT: 17.242 min Scan# 3
Delta R.T. -0.013 min
Lab File: BM039753.D
Acq: 29 Apr 2023 01:19

Tgt Ion:178 Resp: 763

Ion	Ratio	Lower	Upper
178	100		
179	17.3	13.0	19.6
176	20.6	15.8	23.8



Instrument :
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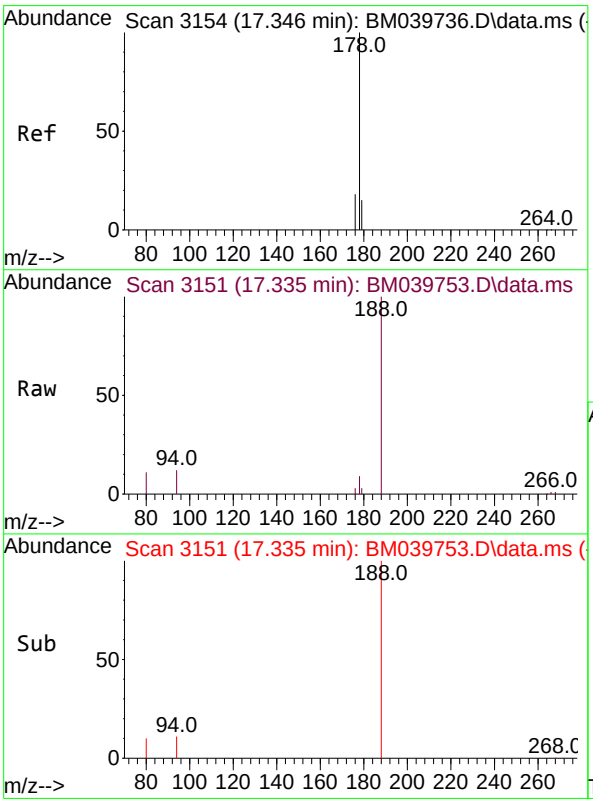
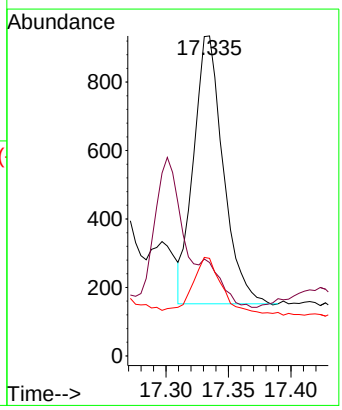
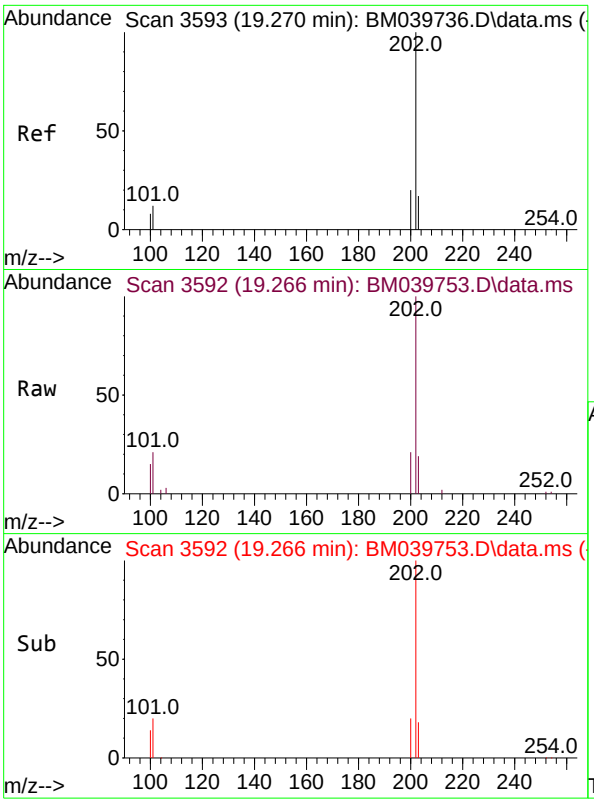


#16
Anthracene
Concen: 0.035 ng/ul
RT: 17.335 min Scan# 3151
Delta R.T. -0.021 min
Lab File: BM039753.D
Acq: 29 Apr 2023 01:19

Tgt Ion:178 Resp: 1290

Ion	Ratio	Lower	Upper
178	100		
179	29.2	13.8	20.6#
176	30.5	15.8	23.8#





#19
Fluoranthene
Concen: 0.454 ng/ul
RT: 19.266 min Scan# 3
Delta R.T. -0.009 min
Lab File: BM039753.D
Acq: 29 Apr 2023 01:19

Tgt Ion:202 Resp: 1750

Ion	Ratio	Lower	Upper
202	100		
101	20.8	9.8	14.8#
100	14.7	7.3	10.9#

Instrument :
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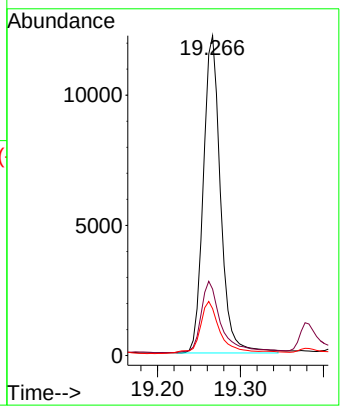
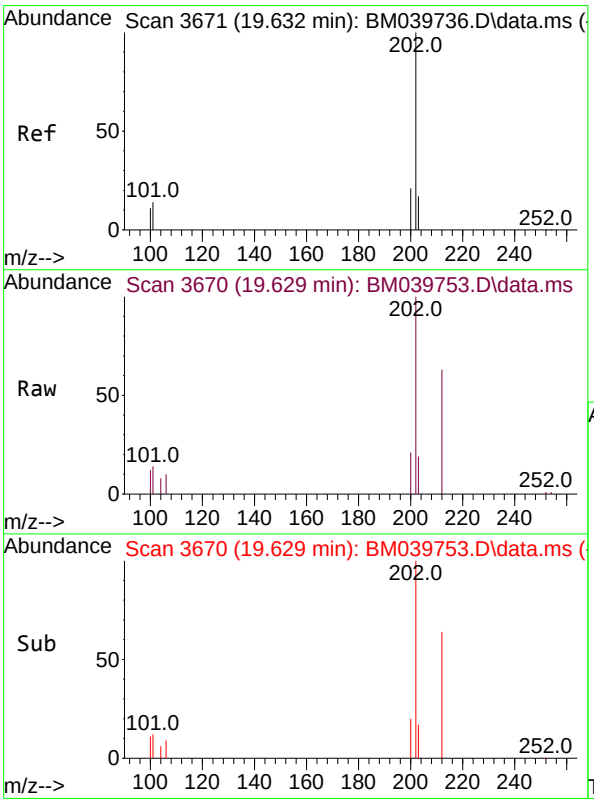
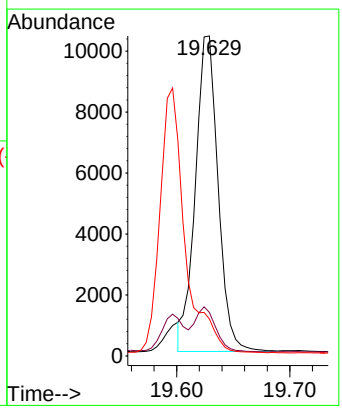


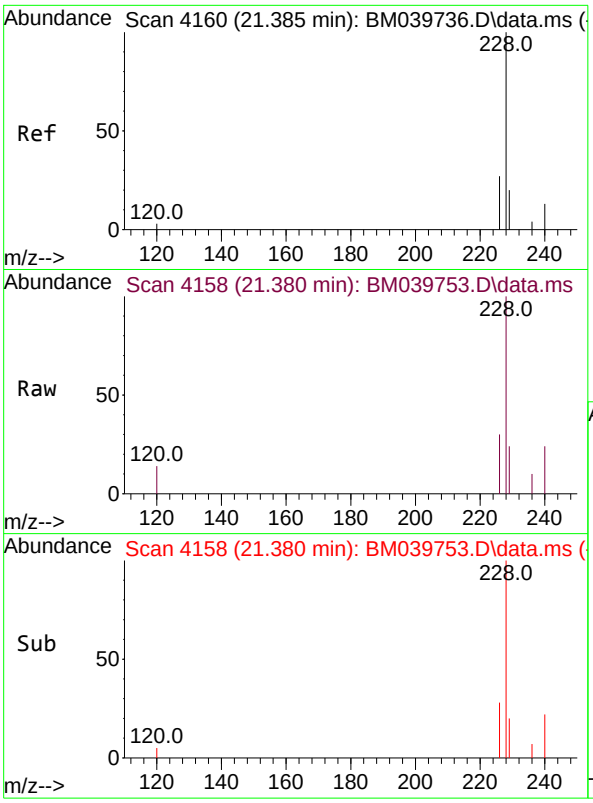


#20
Pyrene
Concen: 0.348 ng/ul m
RT: 19.629 min Scan# 3670
Delta R.T. -0.014 min
Lab File: BM039753.D
Acq: 29 Apr 2023 01:19

Tgt Ion:202 Resp: 14469

Ion	Ratio	Lower	Upper
202	100		
101	13.6	10.9	16.3
100	11.5	8.9	13.3

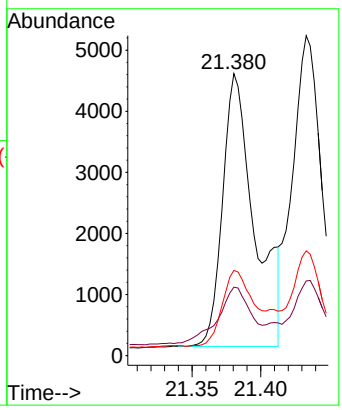




#21
Benzo(a)anthracene
Concen: 0.231 ng/ul
RT: 21.380 min Scan# 41
Delta R.T. -0.016 min
Lab File: BM039753.D
Acq: 29 Apr 2023 01:19

Tgt Ion:228 Resp: 717

Ion	Ratio	Lower	Upper
228	100		
229	24.3	16.2	24.2#
226	30.2	21.6	32.4



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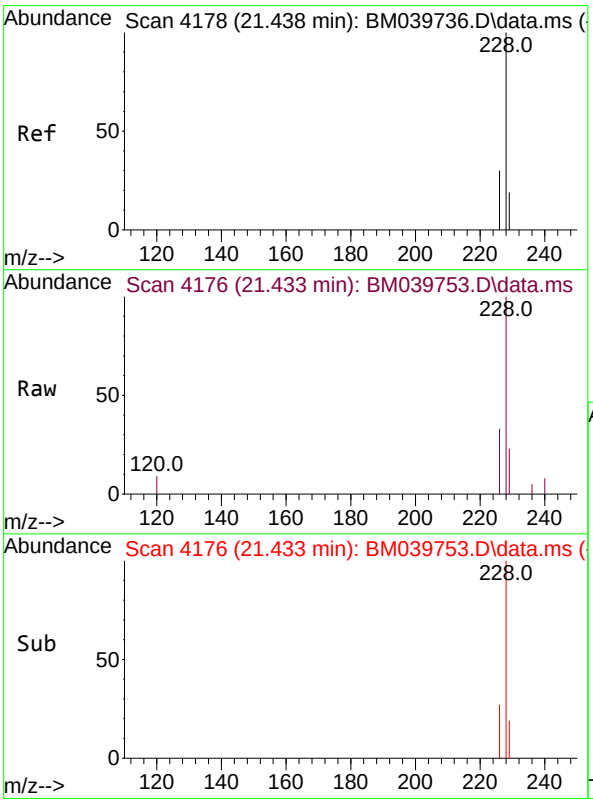
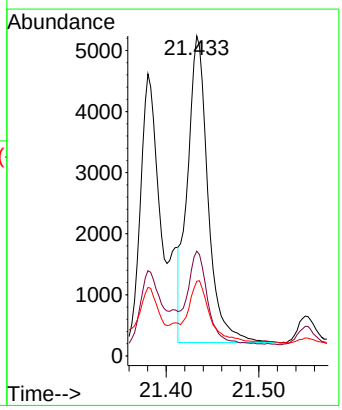
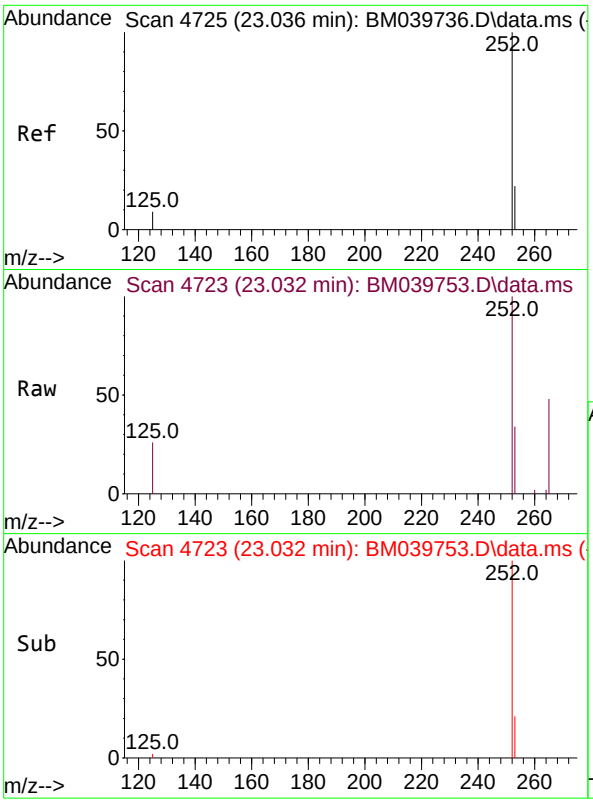


#22
Chrysene
Concen: 0.220 ng/ul
RT: 21.433 min Scan# 4176
Delta R.T. -0.013 min
Lab File: BM039753.D
Acq: 29 Apr 2023 01:19

Tgt Ion:228 Resp: 7726

Ion	Ratio	Lower	Upper
228	100		
226	32.7	24.3	36.5
229	23.3	15.9	23.9

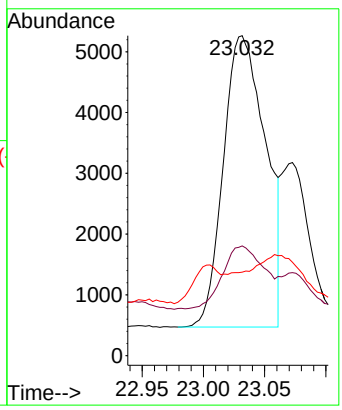




#24
Benzo(b)fluoranthene
Concen: 0.295 ng/ul
RT: 23.032 min Scan# 4
Delta R.T. -0.013 min
Lab File: BM039753.D
Acq: 29 Apr 2023 01:19

Tgt Ion:252 Resp: 1153

Ion	Ratio	Lower	Upper
252	100		
253	34.3	0.0	52.8
125	26.1	0.0	31.6



Instrument :
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ClientSampleId :
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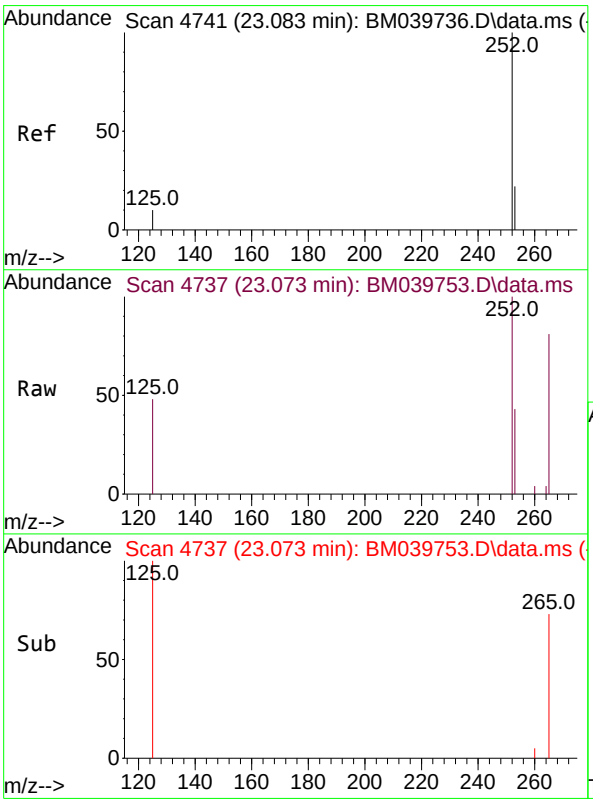
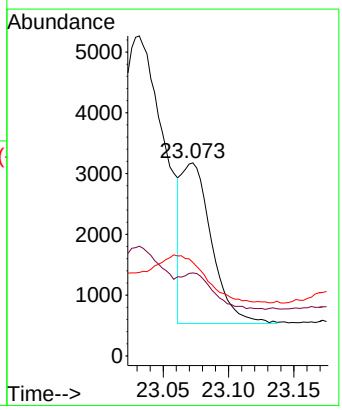
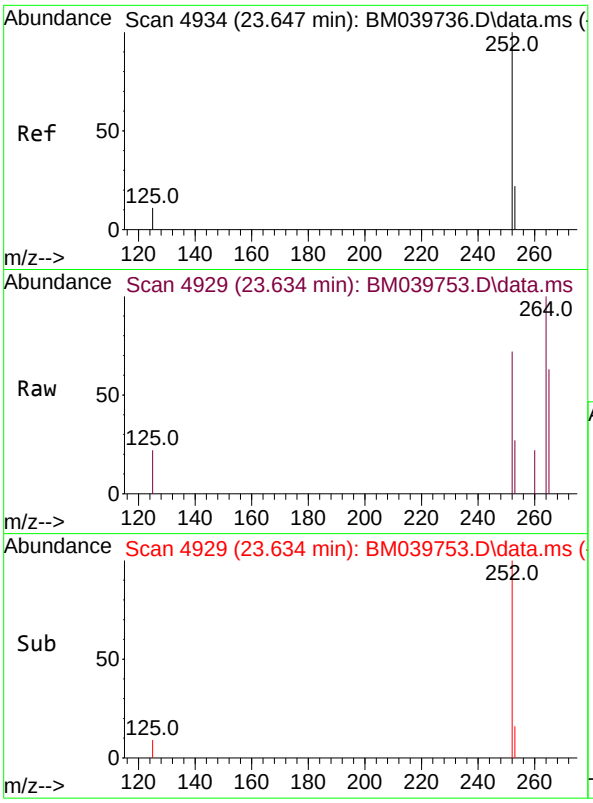


#25
Benzo(k)fluoranthene
Concen: 0.107 ng/ul m
RT: 23.073 min Scan# 4737
Delta R.T. -0.022 min
Lab File: BM039753.D
Acq: 29 Apr 2023 01:19

Tgt Ion:252 Resp: 4260

Ion	Ratio	Lower	Upper
252	100		
253	43.0	21.3	31.9#
125	48.4	13.0	19.6#

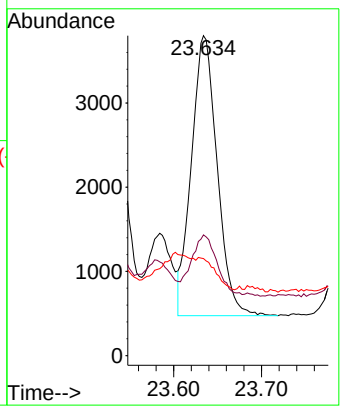




#26
Benzo(a)pyrene
Concen: 0.193 ng/ul
RT: 23.634 min Scan# 49
Delta R.T. -0.031 min
Lab File: BM039753.D
Acq: 29 Apr 2023 01:19

Tgt Ion:252 Resp: 6769

Ion	Ratio	Lower	Upper
252	100		
253	37.7	24.7	37.1#
125	30.3	16.5	24.7#



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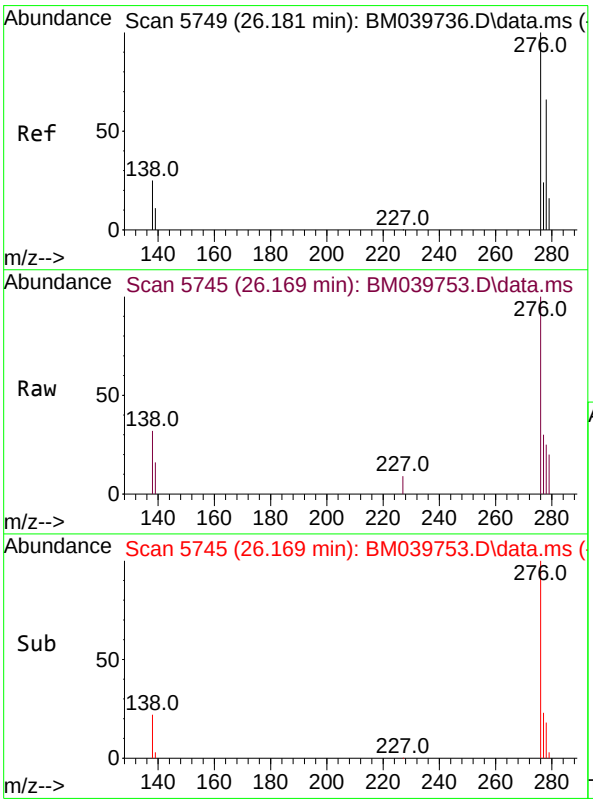
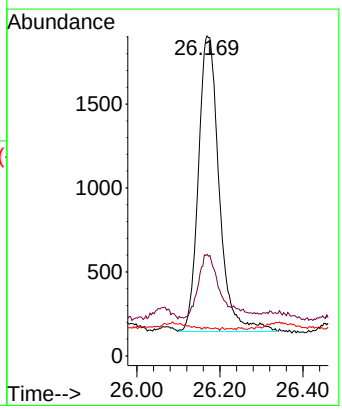
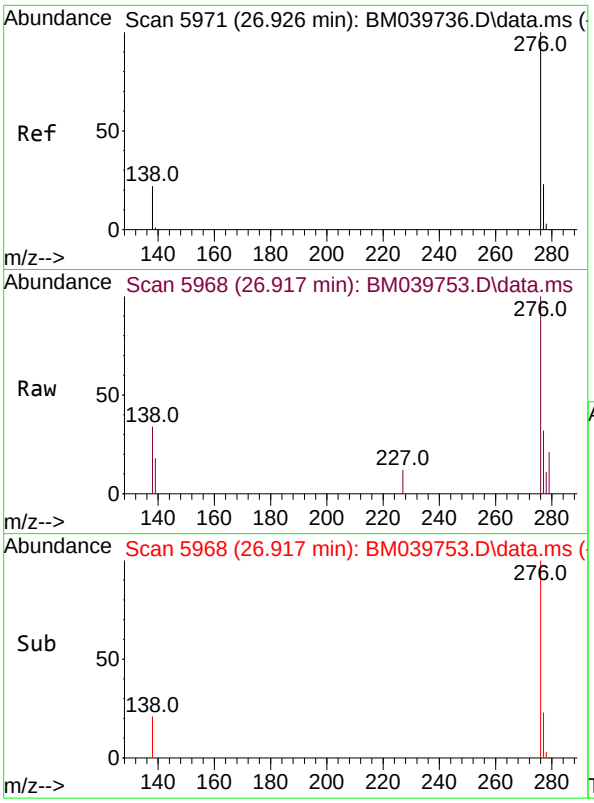


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.137 ng/ul
RT: 26.169 min Scan# 5745
Delta R.T. -0.032 min
Lab File: BM039753.D
Acq: 29 Apr 2023 01:19

Tgt Ion:276 Resp: 6100

Ion	Ratio	Lower	Upper
276	100		
138	23.2	21.1	31.7
227	0.2	0.1	0.1#

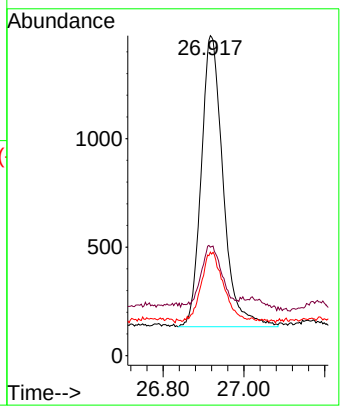




#29
Benzo(g,h,i)perylene
Concen: 0.130 ng/ul
RT: 26.917 min Scan# 5
Delta R.T. -0.032 min
Lab File: BM039753.D
Acq: 29 Apr 2023 01:19

Tgt Ion:276 Resp: 504

Ion	Ratio	Lower	Upper
276	100		
138	33.9	20.1	30.1#
277	32.3	20.1	30.1#



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