Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080921\
Data File : BM031631.D
Acq On : 10 Aug 2021 08:44
Operator : CG/JU
Sample : M3169-10
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C00A9

Manual Integrations APPROVED
mohammad
8/10/2021 4:37:00 PM

Quant Time: Aug 10 09:20:09 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 10 08:05:02 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.576	152	1372	0.400	ng/ul	0.00
4) Naphthalene-d8	10.338	136	5111	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.209	164	3097	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.961	188	5520	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.156	240	4330	0.400	ng/ul	# 0.00
23) Perylene-d12	23.317	264	4257	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.186	96	3486	2.288	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.930	152	1589	0.184	ng/ul	0.00
18) Fluoranthene-d10	18.993	212	3106	0.215	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.388	128	20464	1.344	ng/ul	97
7) 2-Methylnaphthalene	12.007	142	16141	1.552	ng/ul	100
8) 1-Methylnaphthalene	12.227	142	8180	0.796	ng/ul	100
10) Acenaphthylene	13.932	152	6912	0.524	ng/ul	98
11) Acenaphthene	14.273	153	985m	0.089	ng/ul	
12) Fluorene	15.266	166	1224	0.096	ng/ul#	75
14) Pentachlorophenol	16.621	266	68	0.038	ng/ul	89
15) Phenanthrene	16.999	178	43966	2.508	ng/ul	97
16) Anthracene	17.093	178	7155	0.436	ng/ul	98
19) Fluoranthene	19.024	202	53292	2.882	ng/ul#	96
20) Pyrene	19.386	202	48072	2.563	ng/ul#	95
21) Benzo(a)anthracene	21.142	228	27762	1.588	ng/ul#	88
22) Chrysene	21.193	228	39379	2.177	ng/ul#	95
24) Benzo(b)fluoranthene	22.672	252	46378m	2.418	ng/ul	
25) Benzo(k)fluoranthene	22.716	252	14969m	0.755	ng/ul	
26) Benzo(a)pyrene	23.222	252	29422	1.752	ng/ul#	94
27) Indeno(1,2,3-cd)pyrene	25.453	276	21887	1.008	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.456	278	7392	0.422	ng/ul#	48
29) Benzo(g,h,i)perylene	26.108	276	10926	0.590	ng/ul#	77

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

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080921\
Data File : BM031631.D
Acq On : 10 Aug 2021 08:44
Operator : CG/JU
Sample : M3169-10
Misc :
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Instrument :
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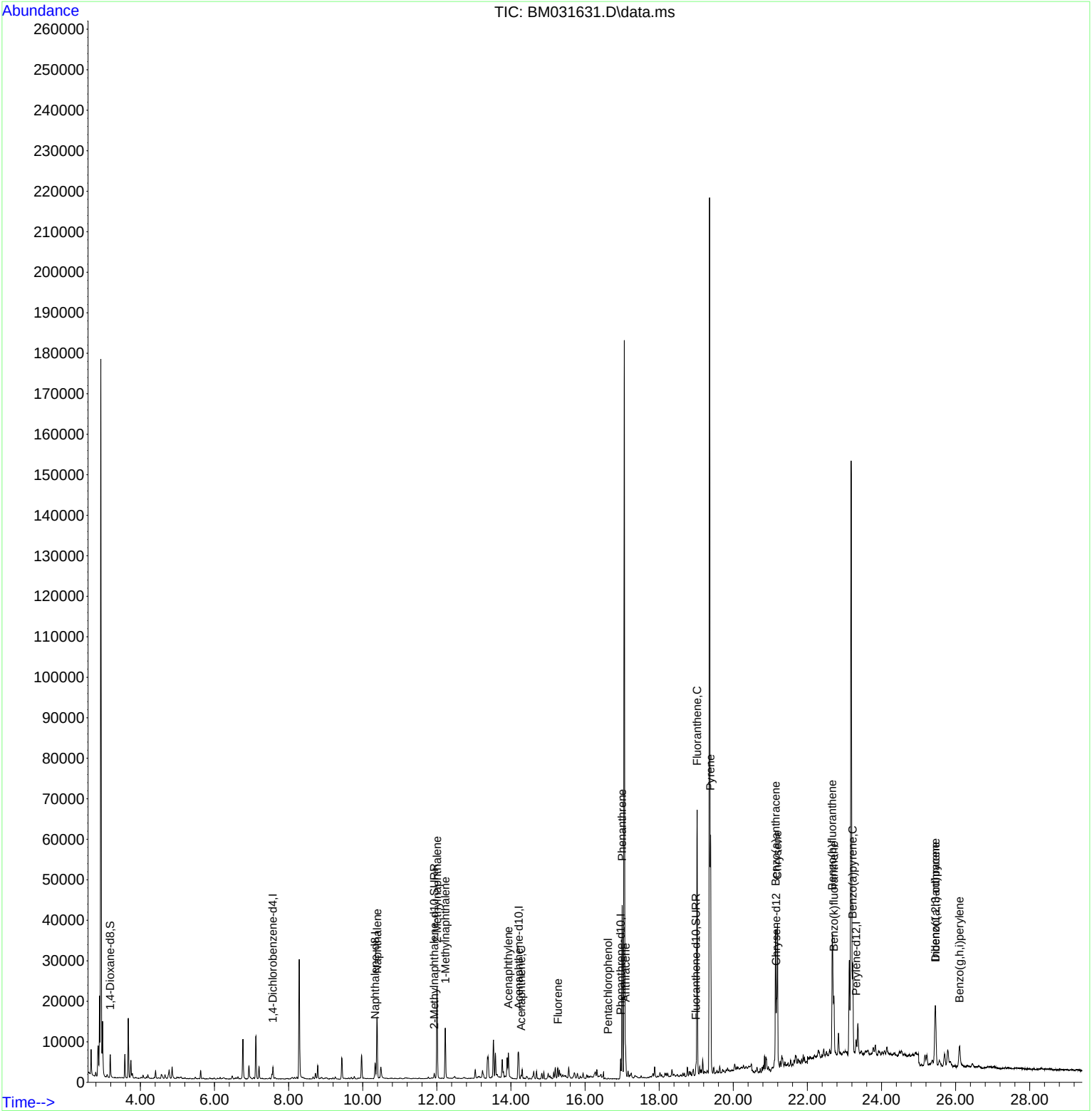
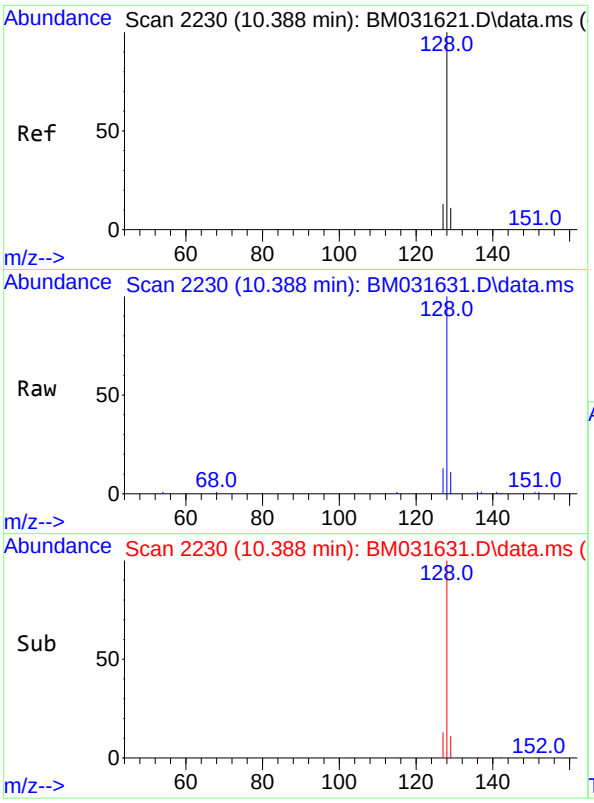
Quant Time: Aug 10 09:20:09 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 10 08:05:02 2021
Response via : Initial Calibration

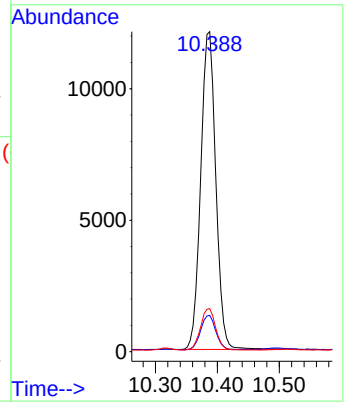




#5
Naphthalene
Concen: 1.344 ng/ul
RT: 10.388 min Scan# 2230
Delta R.T. 0.000 min
Lab File: BM031631.D
Acq: 10 Aug 2021 08:44

Tgt Ion:128 Resp: 20464

Ion	Ratio	Lower	Upper
128	100		
129	11.4	10.0	15.0
127	13.5	11.6	17.4



Instrument :
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ClientSampleId :
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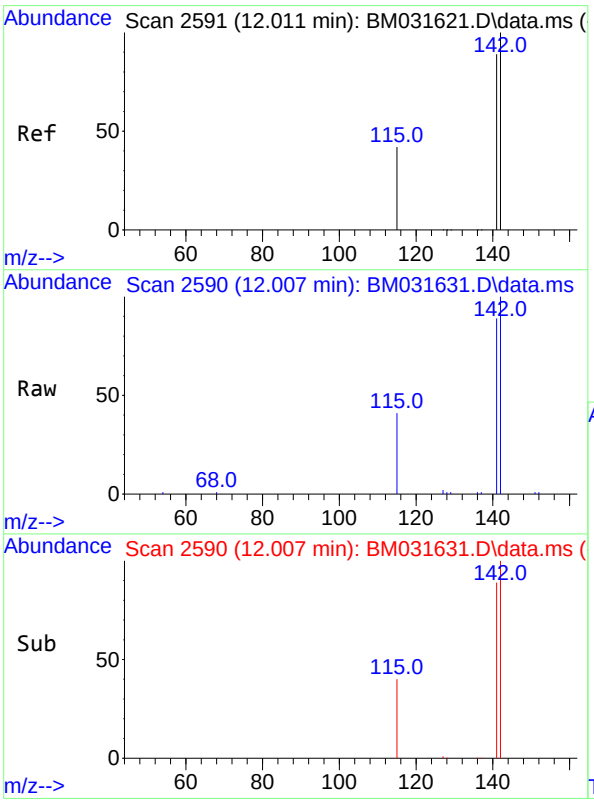
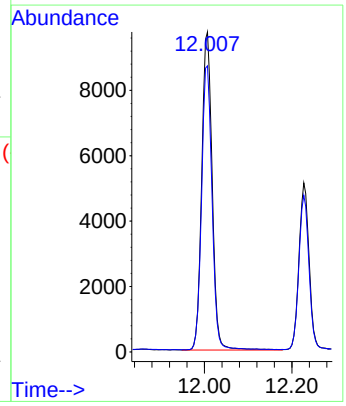
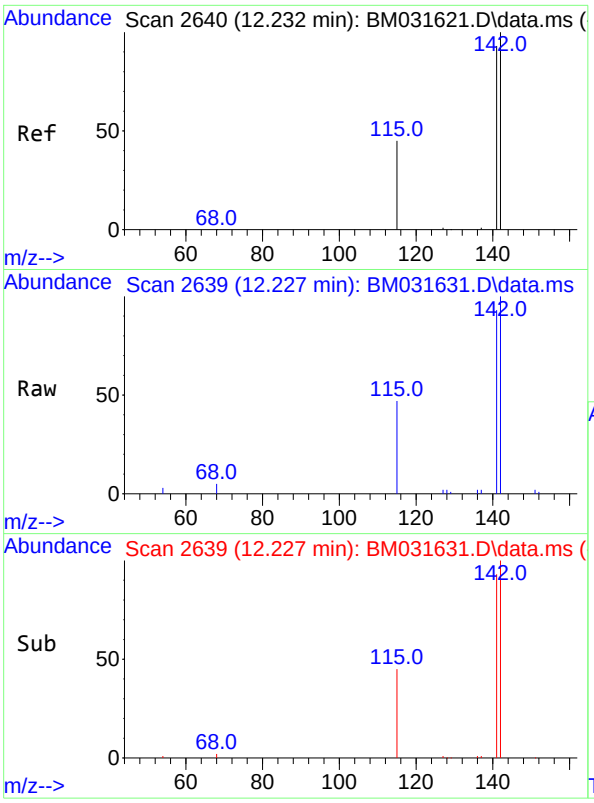


#7
2-Methylnaphthalene
Concen: 1.552 ng/ul
RT: 12.007 min Scan# 2590
Delta R.T. -0.005 min
Lab File: BM031631.D
Acq: 10 Aug 2021 08:44

Tgt Ion:142 Resp: 16141

Ion	Ratio	Lower	Upper
142	100		
141	89.4	71.4	107.0

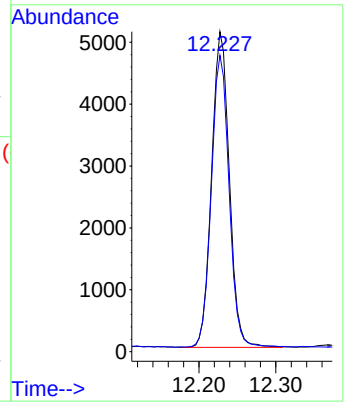




#8
1-Methylnaphthalene
Concen: 0.796 ng/ul
RT: 12.227 min Scan# 2639
Delta R.T. -0.005 min
Lab File: BM031631.D
Acq: 10 Aug 2021 08:44

Tgt Ion:142 Resp: 8180

Ion	Ratio	Lower	Upper
142	100		
141	92.6	74.1	111.1



Instrument :
BNA_M
ClientSampleId :
C00A9

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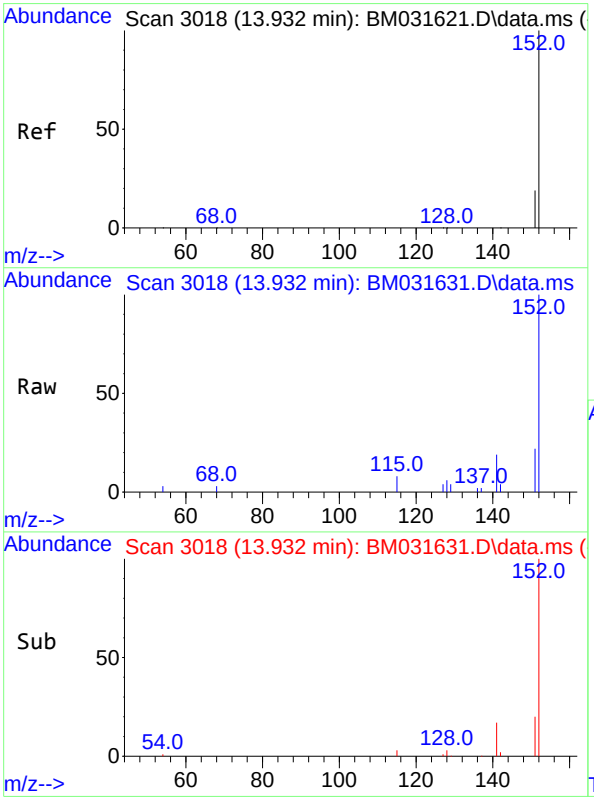
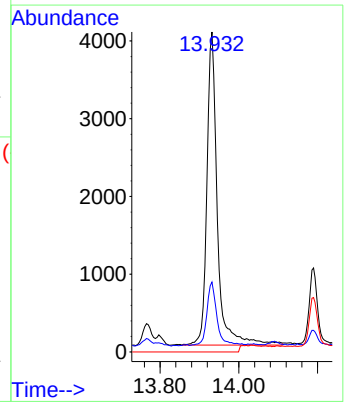
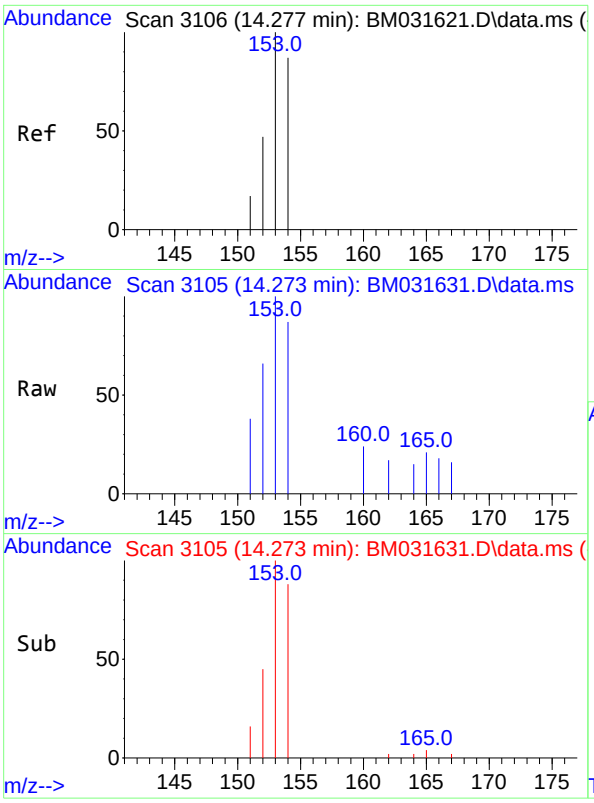


#10
Acenaphthylene
Concen: 0.524 ng/ul
RT: 13.932 min Scan# 3018
Delta R.T. -0.000 min
Lab File: BM031631.D
Acq: 10 Aug 2021 08:44

Tgt Ion:152 Resp: 6912

Ion	Ratio	Lower	Upper
152	100		
151	21.8	16.9	25.3
153	0.0	0.0	0.0

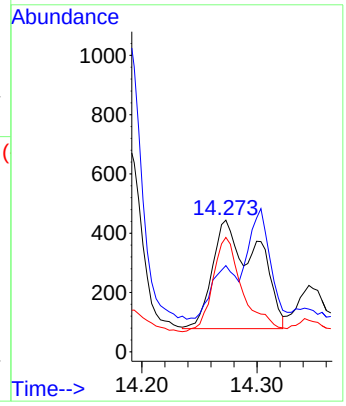




#11
Acenaphthene
Concen: 0.089 ng/ul m
RT: 14.273 min Scan# 3105
Delta R.T. -0.004 min
Lab File: BM031631.D
Acq: 10 Aug 2021 08:44

Tgt Ion:153 Resp: 985

Ion	Ratio	Lower	Upper
153	100		
152	65.5	40.7	61.1#
154	86.9	70.2	105.2



Instrument :
BNA_M
ClientSampleId :
C00A9

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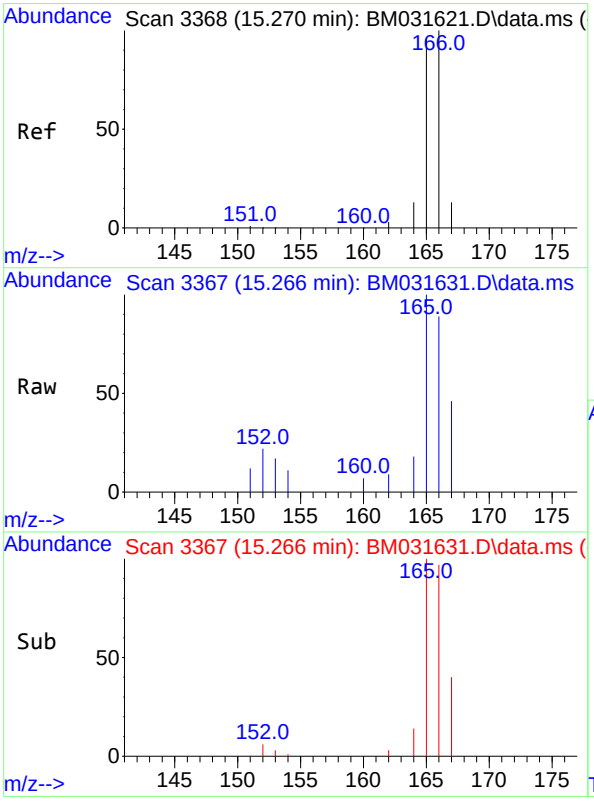
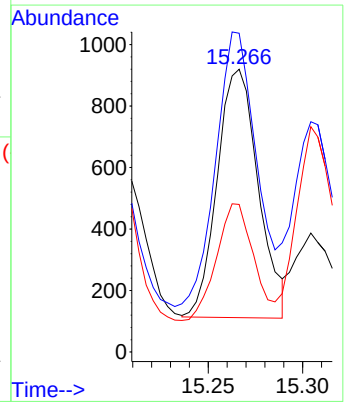
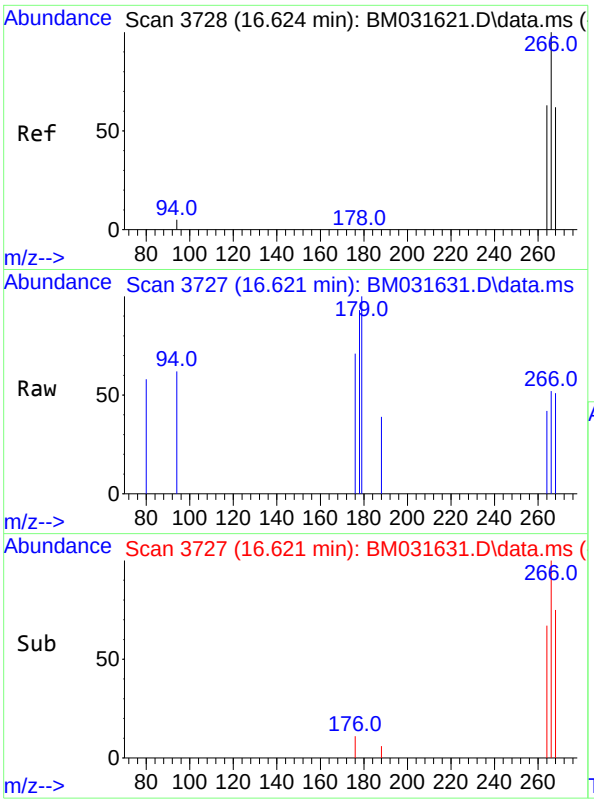


#12
Fluorene
Concen: 0.096 ng/ul
RT: 15.266 min Scan# 3367
Delta R.T. -0.004 min
Lab File: BM031631.D
Acq: 10 Aug 2021 08:44

Tgt Ion:166 Resp: 1224

Ion	Ratio	Lower	Upper
166	100		
165	112.7	78.0	117.0
167	52.2	12.0	18.0#

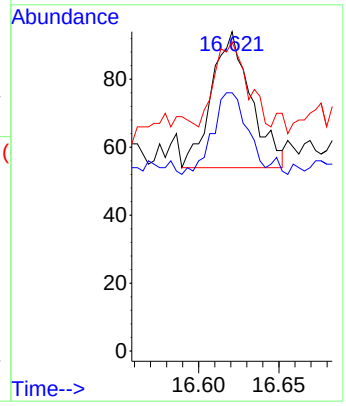




#14
Pentachlorophenol
Concen: 0.038 ng/ul
RT: 16.621 min Scan# 3727
Delta R.T. -0.010 min
Lab File: BM031631.D
Acq: 10 Aug 2021 08:44

Tgt Ion:266 Resp: 68

Ion	Ratio	Lower	Upper
266	100		
264	52.9	50.1	75.1
268	57.4	51.3	76.9



Instrument :
BNA_M
ClientSampleId :
C00A9

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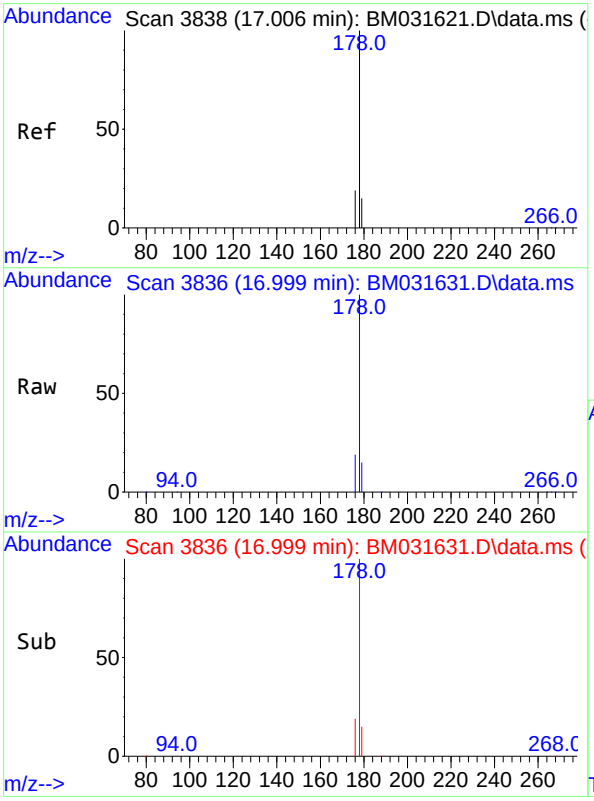
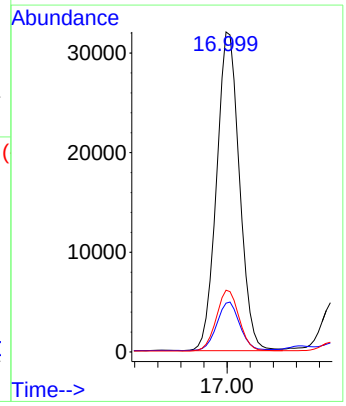
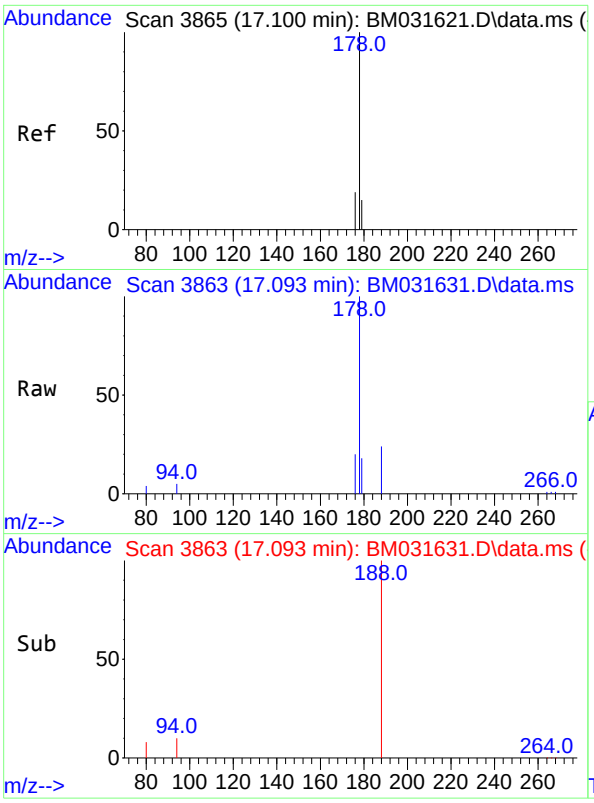


#15
Phenanthrene
Concen: 2.508 ng/ul
RT: 16.999 min Scan# 3836
Delta R.T. -0.010 min
Lab File: BM031631.D
Acq: 10 Aug 2021 08:44

Tgt Ion:178 Resp: 43966

Ion	Ratio	Lower	Upper
178	100		
179	15.3	13.3	19.9
176	19.3	16.2	24.4

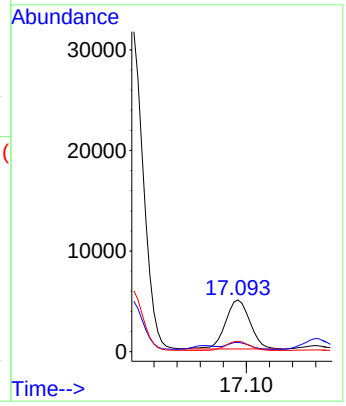




#16
Anthracene
Concen: 0.436 ng/ul
RT: 17.093 min Scan# 3863
Delta R.T. -0.010 min
Lab File: BM031631.D
Acq: 10 Aug 2021 08:44

Tgt Ion:178 Resp: 7155

Ion	Ratio	Lower	Upper
178	100		
179	17.9	13.0	19.6
176	20.1	15.6	23.4



Instrument :
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ClientSampleId :
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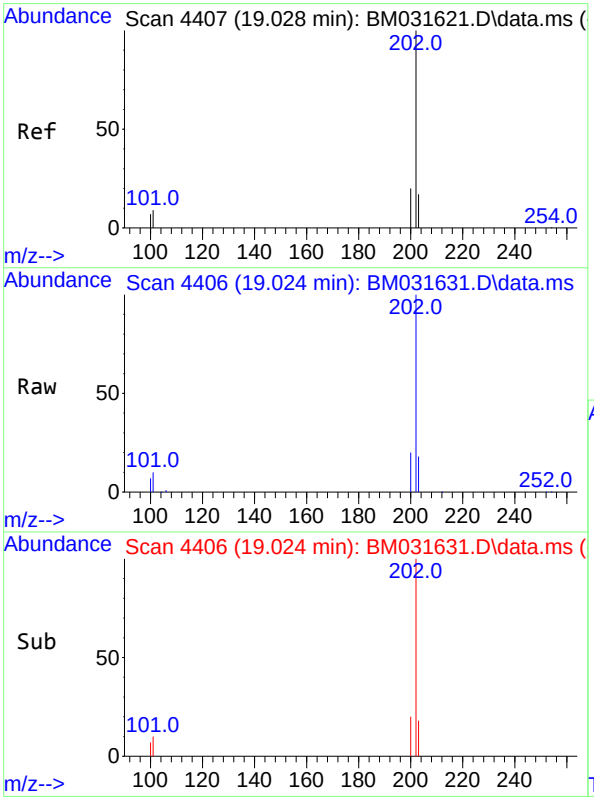
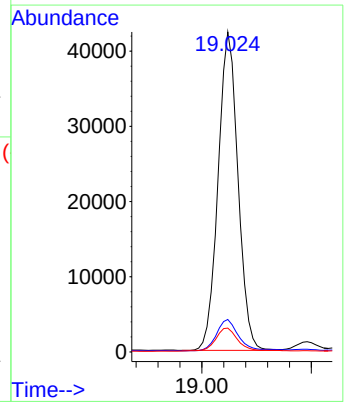
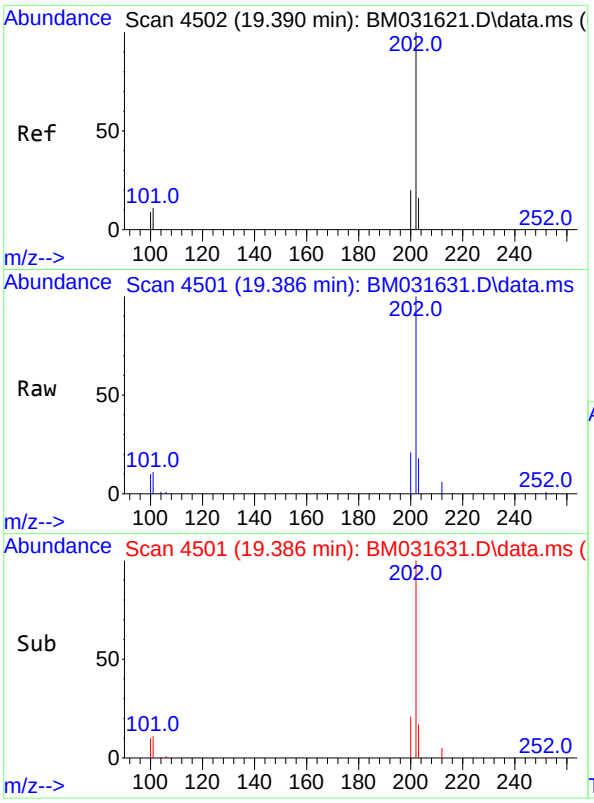


#19
Fluoranthene
Concen: 2.882 ng/ul
RT: 19.024 min Scan# 4406
Delta R.T. -0.004 min
Lab File: BM031631.D
Acq: 10 Aug 2021 08:44

Tgt Ion:202 Resp: 53292

Ion	Ratio	Lower	Upper
202	100		
101	10.1	6.6	10.0#
100	7.4	5.4	8.0

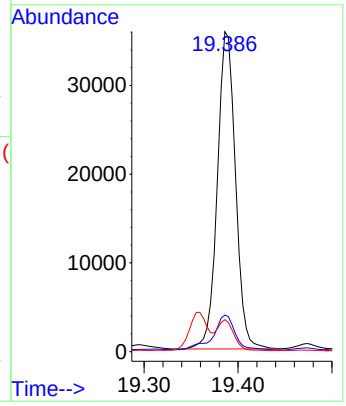




#20
Pyrene
Concen: 2.563 ng/ul
RT: 19.386 min Scan# 4501
Delta R.T. -0.008 min
Lab File: BM031631.D
Acq: 10 Aug 2021 08:44

Tgt Ion:202 Resp: 48072

Ion	Ratio	Lower	Upper
202	100		
101	11.4	7.8	11.6
100	10.0	6.6	10.0#



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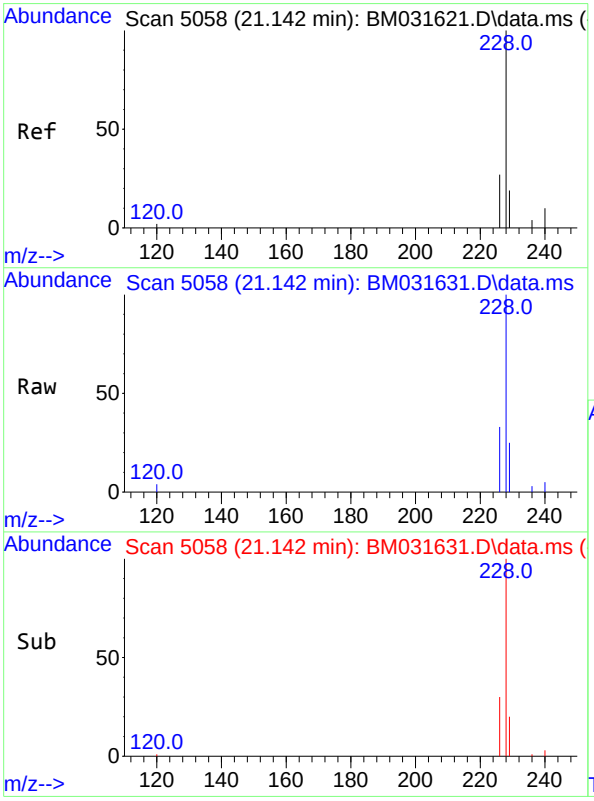
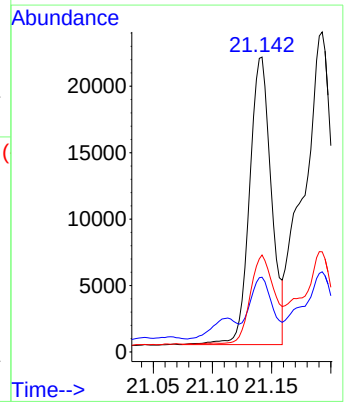
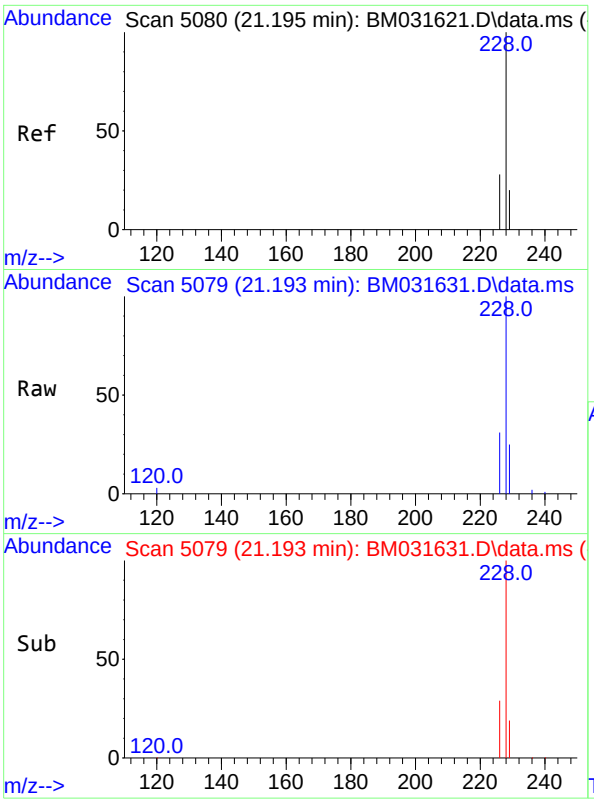


#21
Benzo(a)anthracene
Concen: 1.588 ng/ul
RT: 21.142 min Scan# 5058
Delta R.T. -0.005 min
Lab File: BM031631.D
Acq: 10 Aug 2021 08:44

Tgt Ion:228 Resp: 27762

Ion	Ratio	Lower	Upper
228	100		
229	25.3	15.6	23.4#
226	32.9	21.7	32.5#

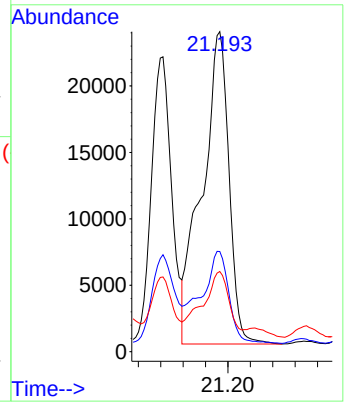




#22
Chrysene
Concen: 2.177 ng/ul
RT: 21.193 min Scan# 5079
Delta R.T. -0.002 min
Lab File: BM031631.D
Acq: 10 Aug 2021 08:44

Tgt Ion:228 Resp: 39379

Ion	Ratio	Lower	Upper
228	100		
226	31.3	24.7	37.1
229	25.1	16.2	24.2#



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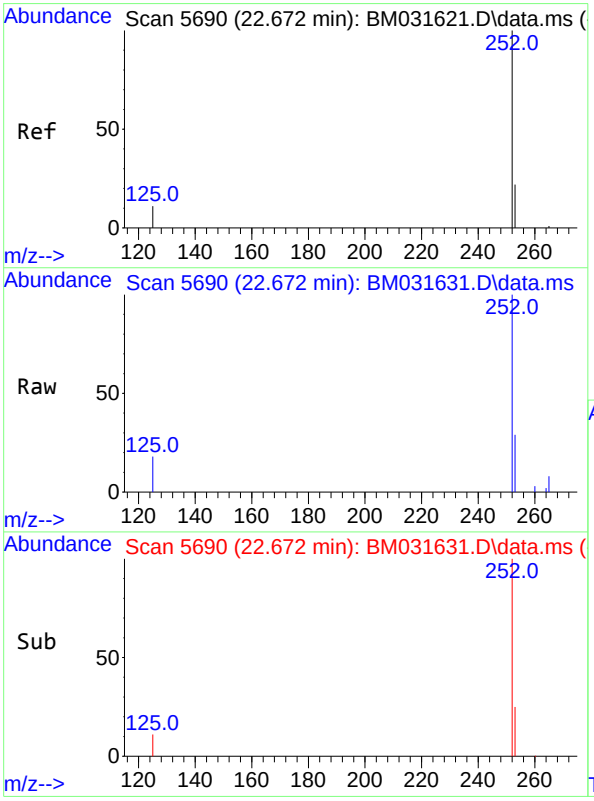
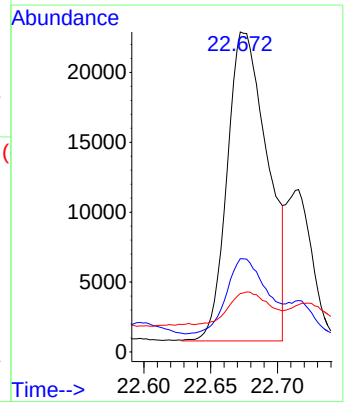
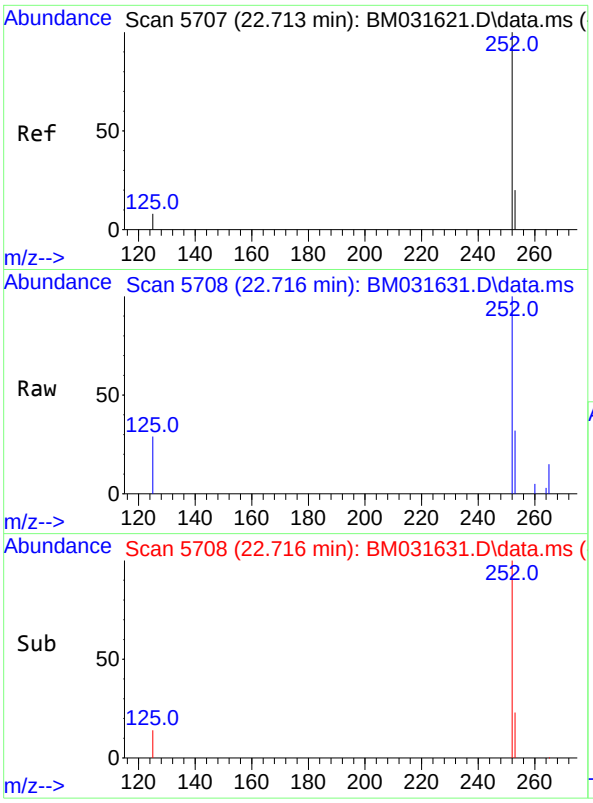


#24
Benzo(b)fluoranthene
Concen: 2.418 ng/ul m
RT: 22.672 min Scan# 5690
Delta R.T. -0.005 min
Lab File: BM031631.D
Acq: 10 Aug 2021 08:44

Tgt Ion:252 Resp: 46378

Ion	Ratio	Lower	Upper
252	100		
253	29.1	0.0	53.0
125	18.2	0.0	22.8

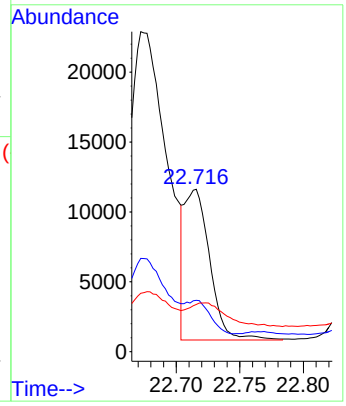


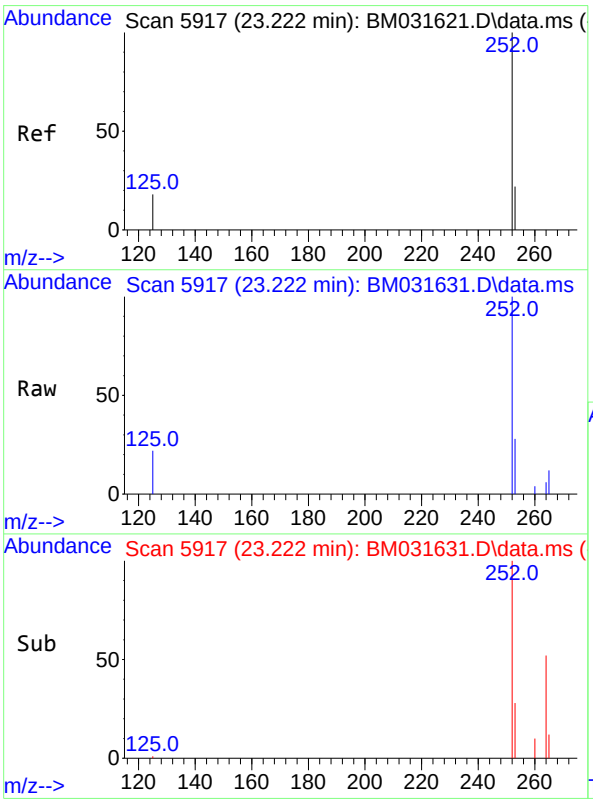


#25
Benzo(k)fluoranthene
Concen: 0.755 ng/ul m
RT: 22.716 min Scan# 5708
Delta R.T. -0.005 min
Lab File: BM031631.D
Acq: 10 Aug 2021 08:44

Tgt Ion:252 Resp: 14969

Ion	Ratio	Lower	Upper
252	100		
253	31.6	21.3	31.9
125	29.0	8.8	13.2#

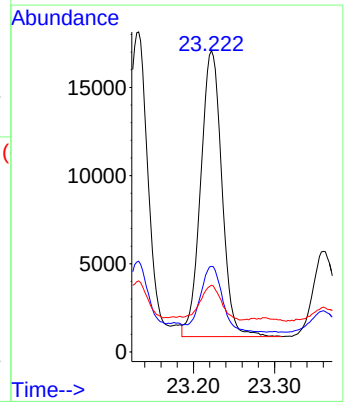




#26
Benzo(a)pyrene
Concen: 1.752 ng/ul
RT: 23.222 min Scan# 5917
Delta R.T. -0.002 min
Lab File: BM031631.D
Acq: 10 Aug 2021 08:44

Tgt Ion:252 Resp: 29422

Ion	Ratio	Lower	Upper
252	100		
253	28.4	22.4	33.6
125	22.1	13.0	19.4#



Instrument :
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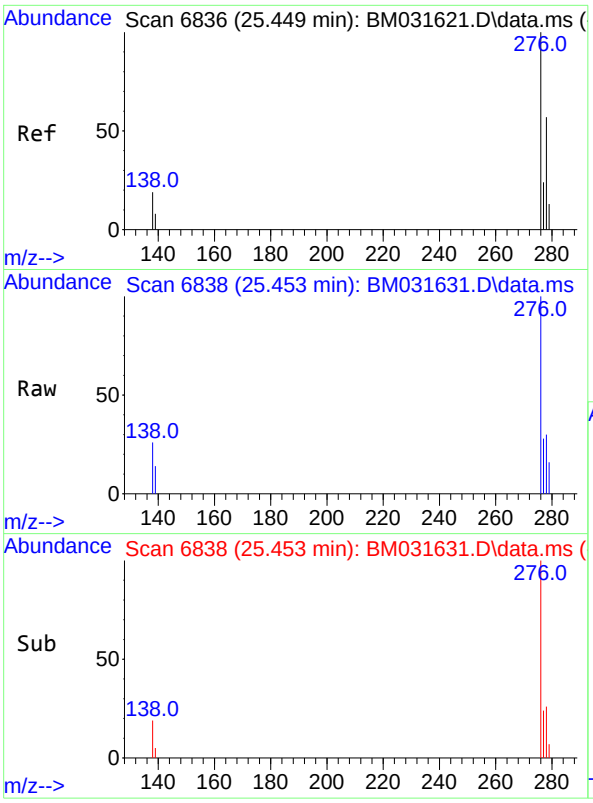
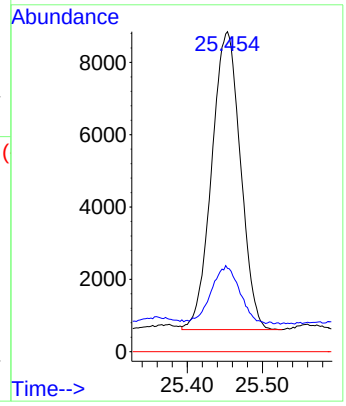


#27
Indeno(1,2,3-cd)pyrene
Concen: 1.008 ng/ul
RT: 25.453 min Scan# 6838
Delta R.T. 0.000 min
Lab File: BM031631.D
Acq: 10 Aug 2021 08:44

Tgt Ion:276 Resp: 21887

Ion	Ratio	Lower	Upper
276	100		
138	19.1	15.8	23.8
227	0.0	0.0	0.0



Instrument :
BNA_M
ClientSampleId :
C00A9

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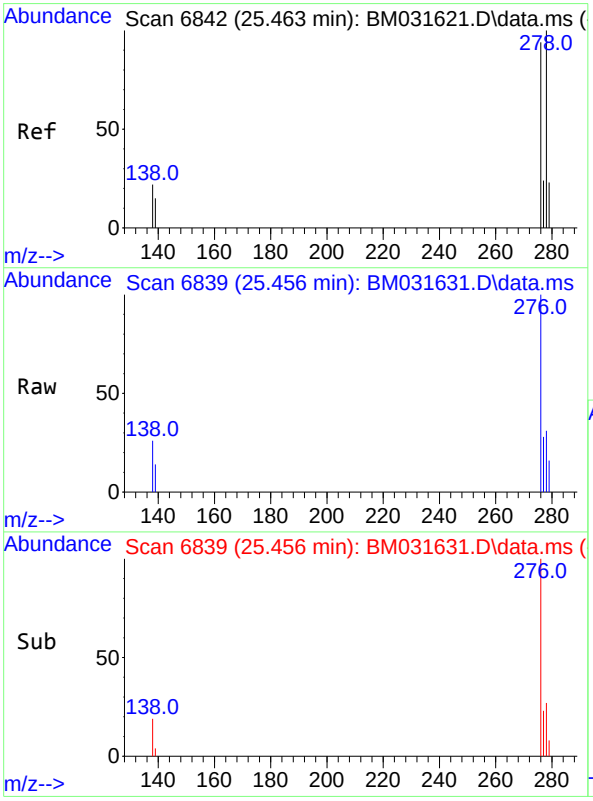
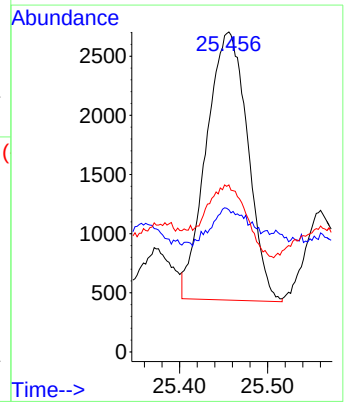
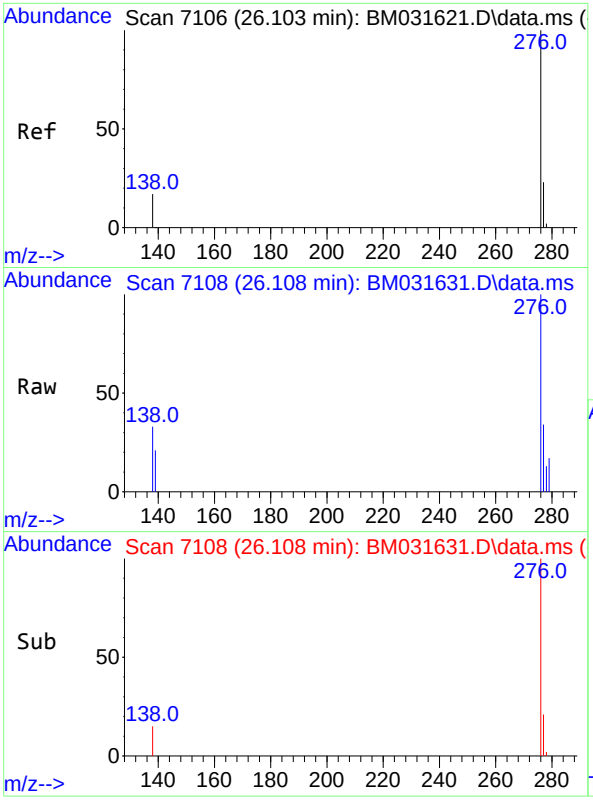


#28
Dibenzo(a,h)anthracene
Concen: 0.422 ng/ul
RT: 25.456 min Scan# 6839
Delta R.T. -0.012 min
Lab File: BM031631.D
Acq: 10 Aug 2021 08:44

Tgt Ion:278 Resp: 7392

Ion	Ratio	Lower	Upper
278	100		
139	44.4	13.3	19.9#
279	52.2	22.8	34.2#

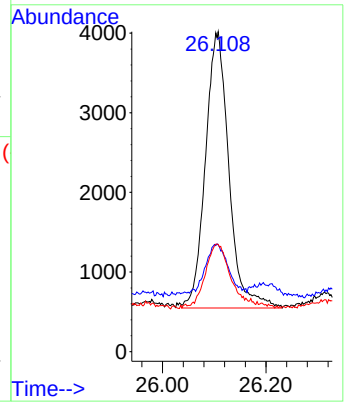




#29
Benzo(g,h,i)perylene
Concen: 0.590 ng/ul
RT: 26.108 min Scan# 7108
Delta R.T. 0.010 min
Lab File: BM031631.D
Acq: 10 Aug 2021 08:44

Tgt Ion:276 Resp: 10926

Ion	Ratio	Lower	Upper
276	100		
138	33.3	15.4	23.2#
277	33.5	19.9	29.9#



Instrument :
BNA_M
ClientSampleId :
C00A9

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