Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080921\
Data File : BM031614.D
Acq On : 09 Aug 2021 21:44
Operator : CG/JU
Sample : M3169-06
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C00A5

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Quant Time: Aug 10 02:55:23 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 02:43:39 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.580	152	1227	0.400	ng/ul	0.00
4) Naphthalene-d8	10.338	136	4697	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.209	164	3389	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.961	188	5503	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.156	240	4367	0.400	ng/ul	# 0.00
23) Perylene-d12	23.319	264	5866	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.186	96	5352	3.927	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.930	152	2564	0.324	ng/ul	0.00
18) Fluoranthene-d10	18.993	212	4929	0.338	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.388	128	38954	2.784	ng/ul	98
7) 2-Methylnaphthalene	12.007	142	37194	3.891	ng/ul	100
8) 1-Methylnaphthalene	12.227	142	27621	2.924	ng/ul	99
10) Acenaphthylene	13.932	152	23825	1.651	ng/ul	100
11) Acenaphthene	14.273	153	4132m	0.340	ng/ul	
12) Fluorene	15.266	166	6945	0.497	ng/ul#	81
15) Phenanthrene	17.003	178	190395	10.896	ng/ul	97
16) Anthracene	17.093	178	29732	1.817	ng/ul	99
19) Fluoranthene	19.024	202	257641	13.816	ng/ul#	96
20) Pyrene	19.390	202	224817	11.887	ng/ul	97
21) Benzo(a)anthracene	21.142	228	132921	7.538	ng/ul#	90
22) Chrysene	21.193	228	209238	11.468	ng/ul#	96
24) Benzo(b)fluoranthene	22.677	252	234236m	8.863	ng/ul	
25) Benzo(k)fluoranthene	22.716	252	63452m	2.324	ng/ul	
26) Benzo(a)pyrene	23.224	252	169031	7.303	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	25.456	276	117308	3.921	ng/ul#	94
28) Dibenzo(a,h)anthracene	25.458	278	66415	2.754	ng/ul#	85
29) Benzo(g,h,i)perylene	26.113	276	121466	4.759	ng/ul	98

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

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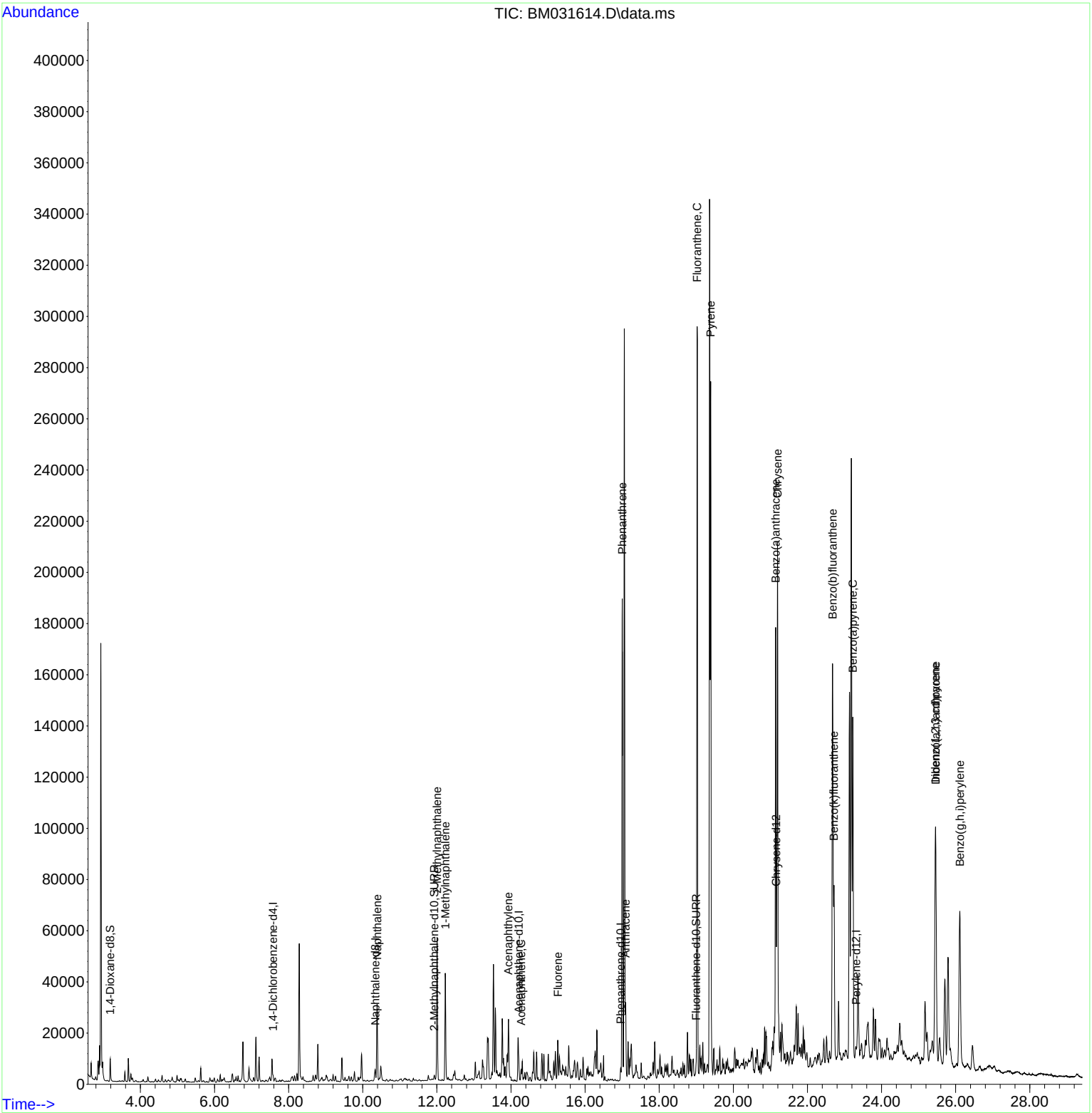
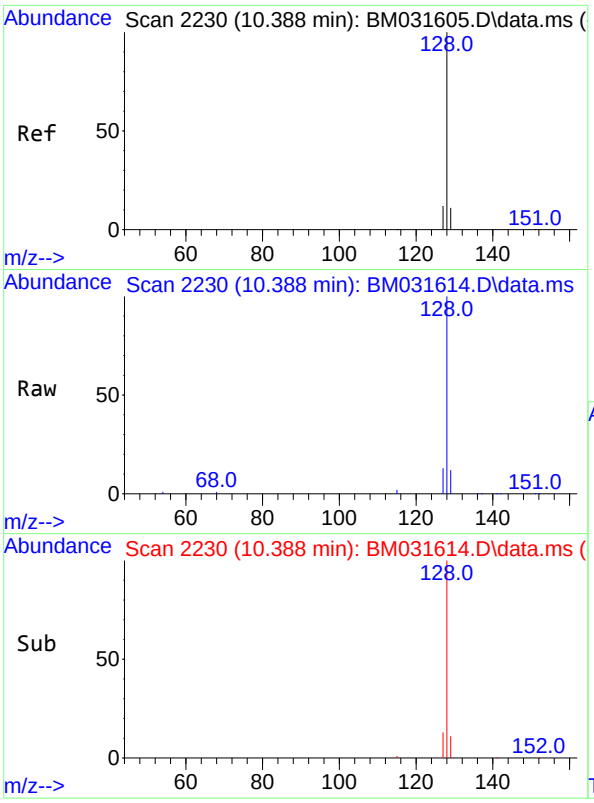
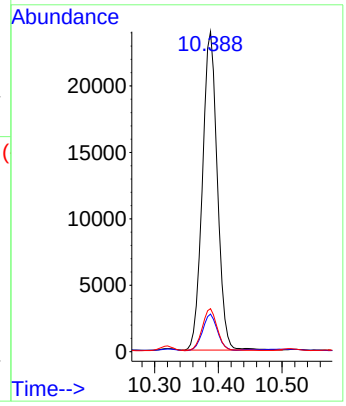


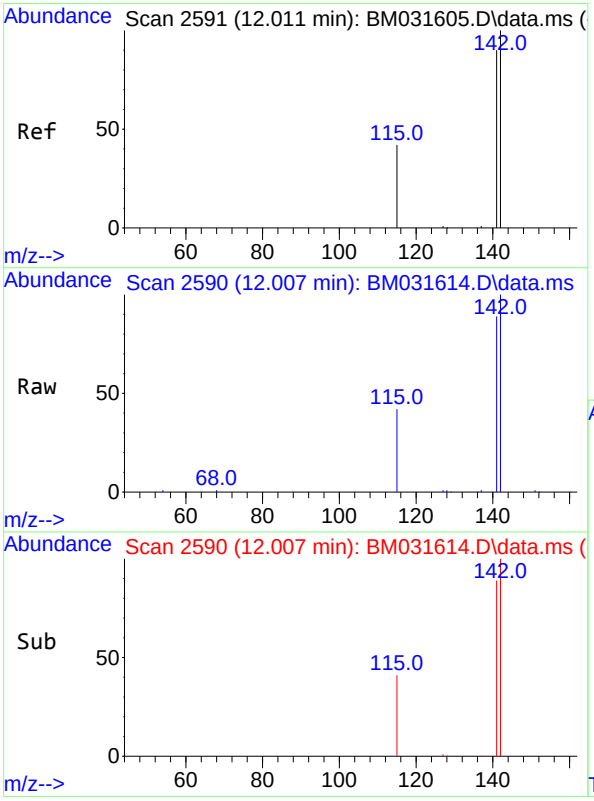


#5
Naphthalene
Concen: 2.784 ng/ul
RT: 10.388 min Scan# 2230
Delta R.T. 0.000 min
Lab File: BM031614.D
Acq: 09 Aug 2021 21:44

Tgt Ion:128 Resp: 38954

Ion	Ratio	Lower	Upper
128	100		
129	11.7	10.0	15.0
127	13.5	11.6	17.4

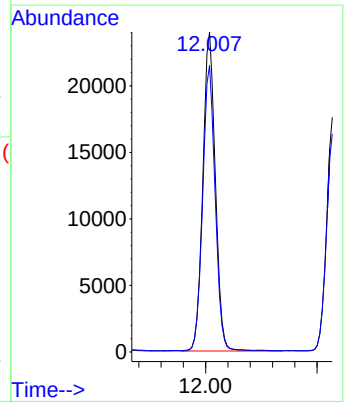




#7
2-Methylnaphthalene
Concen: 3.891 ng/ul
RT: 12.007 min Scan# 2590
Delta R.T. -0.005 min
Lab File: BM031614.D
Acq: 09 Aug 2021 21:44

Tgt Ion:142 Resp: 37194

Ion	Ratio	Lower	Upper
142	100		
141	89.7	71.4	107.0



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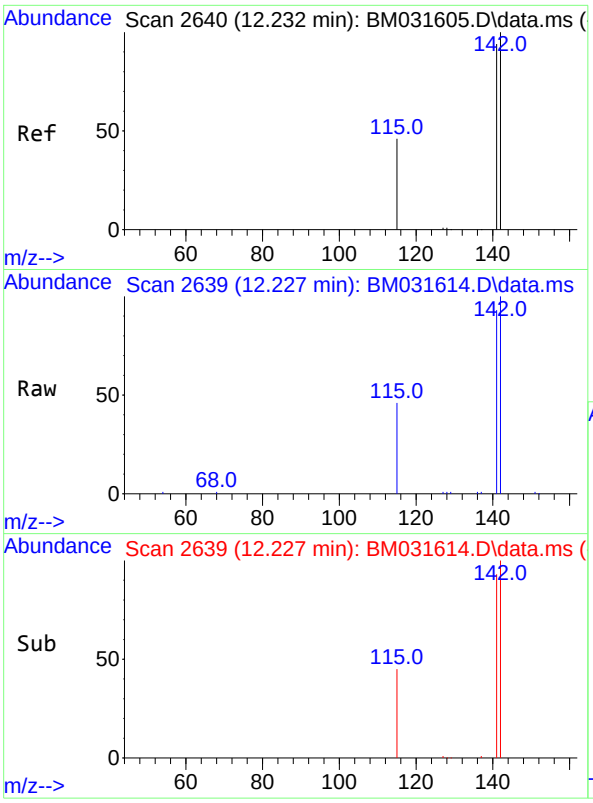
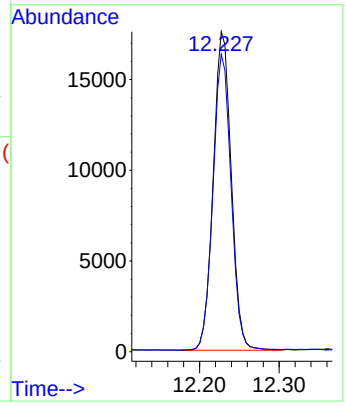


#8
1-Methylnaphthalene
Concen: 2.924 ng/ul
RT: 12.227 min Scan# 2639
Delta R.T. -0.005 min
Lab File: BM031614.D
Acq: 09 Aug 2021 21:44

Tgt Ion:142 Resp: 27621

Ion	Ratio	Lower	Upper
142	100		
141	93.2	74.1	111.1



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ClientSampleId :
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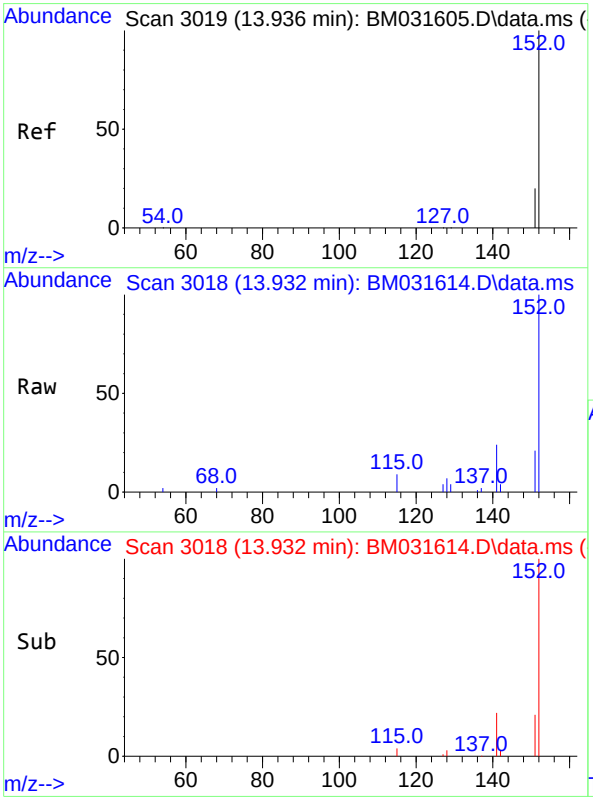
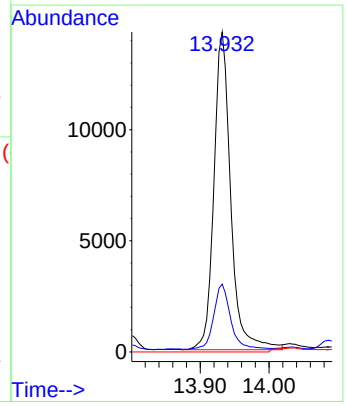
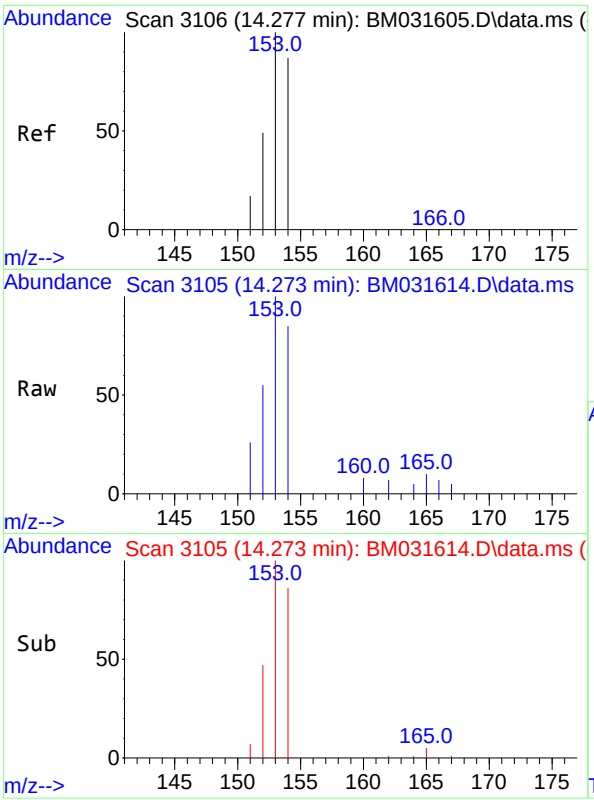


#10
Acenaphthylene
Concen: 1.651 ng/ul
RT: 13.932 min Scan# 3018
Delta R.T. -0.000 min
Lab File: BM031614.D
Acq: 09 Aug 2021 21:44

Tgt Ion:152 Resp: 23825

Ion	Ratio	Lower	Upper
152	100		
151	21.2	16.9	25.3
153	0.0	0.0	0.0

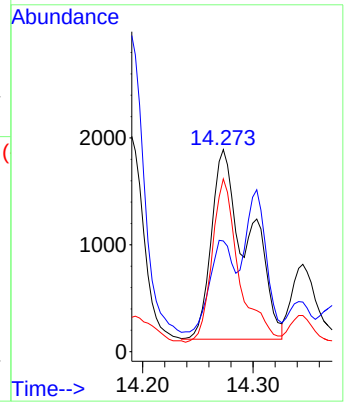




#11
Acenaphthene
Concen: 0.340 ng/ul m
RT: 14.273 min Scan# 3105
Delta R.T. -0.004 min
Lab File: BM031614.D
Acq: 09 Aug 2021 21:44

Tgt Ion:153 Resp: 4132

Ion	Ratio	Lower	Upper
153	100		
152	54.8	40.7	61.1
154	85.5	70.2	105.2



Instrument :
BNA_M
ClientSampleId :
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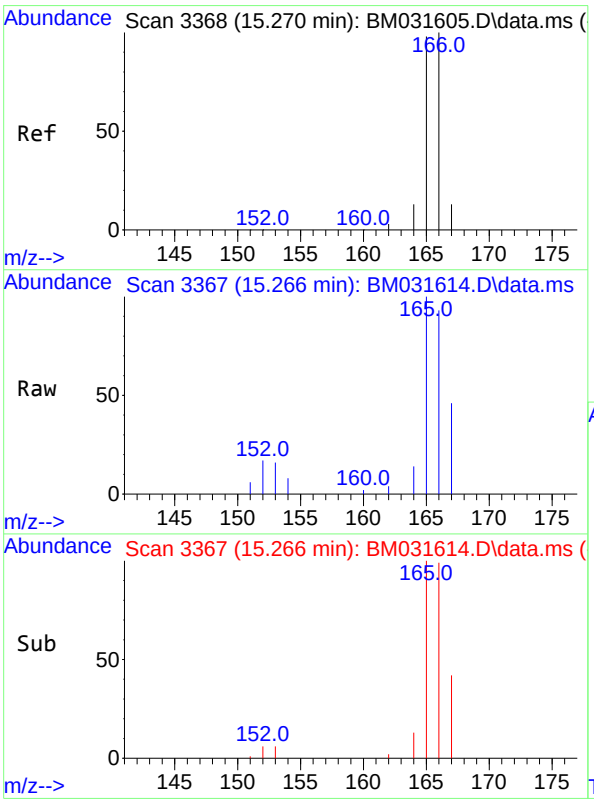
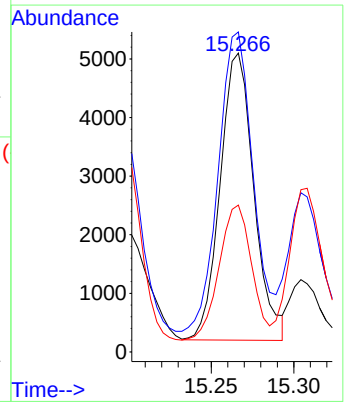
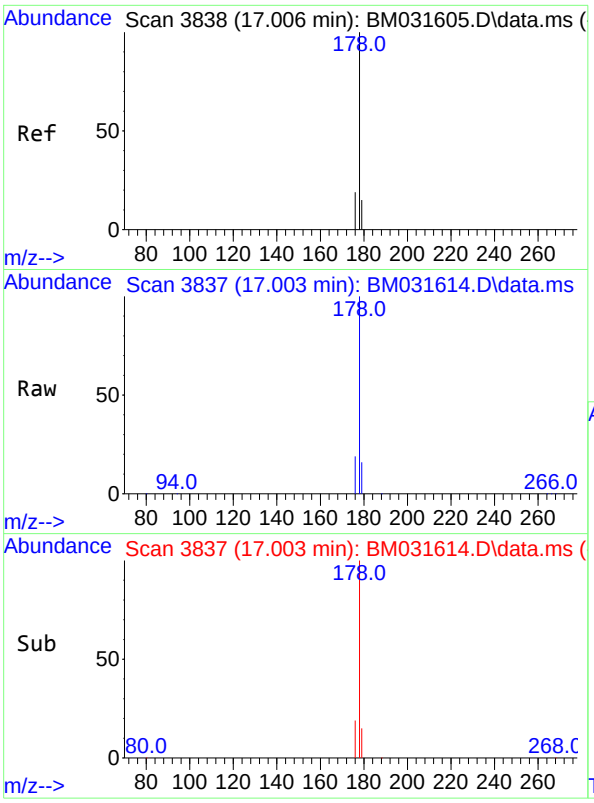


#12
Fluorene
Concen: 0.497 ng/ul
RT: 15.266 min Scan# 3367
Delta R.T. -0.004 min
Lab File: BM031614.D
Acq: 09 Aug 2021 21:44

Tgt Ion:166 Resp: 6945

Ion	Ratio	Lower	Upper
166	100		
165	107.1	78.0	117.0
167	49.2	12.0	18.0#

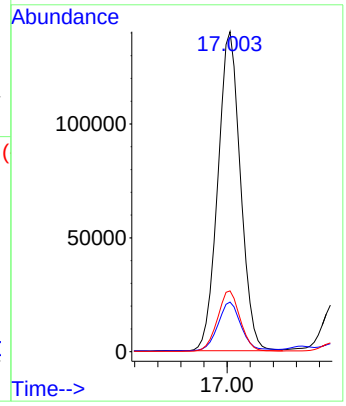




#15
Phenanthrene
Concen: 10.896 ng/ul
RT: 17.003 min Scan# 3837
Delta R.T. -0.007 min
Lab File: BM031614.D
Acq: 09 Aug 2021 21:44

Tgt Ion:178 Resp: 190395

Ion	Ratio	Lower	Upper
178	100		
179	15.5	13.3	19.9
176	19.0	16.2	24.4



Instrument :
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ClientSampleId :
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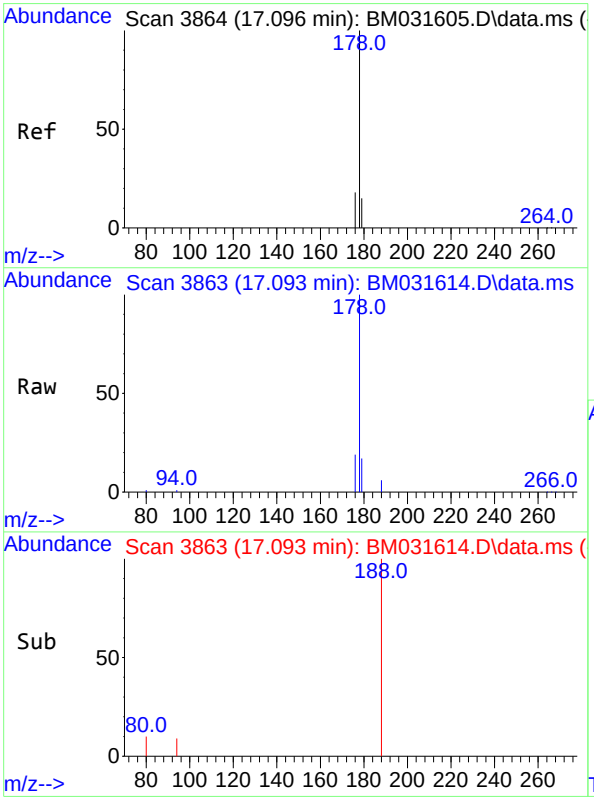
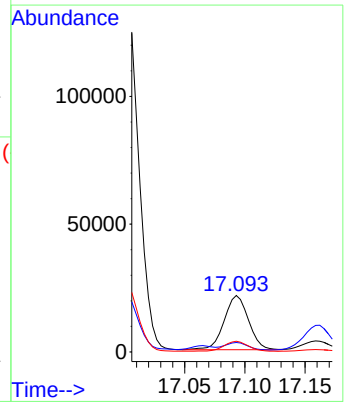
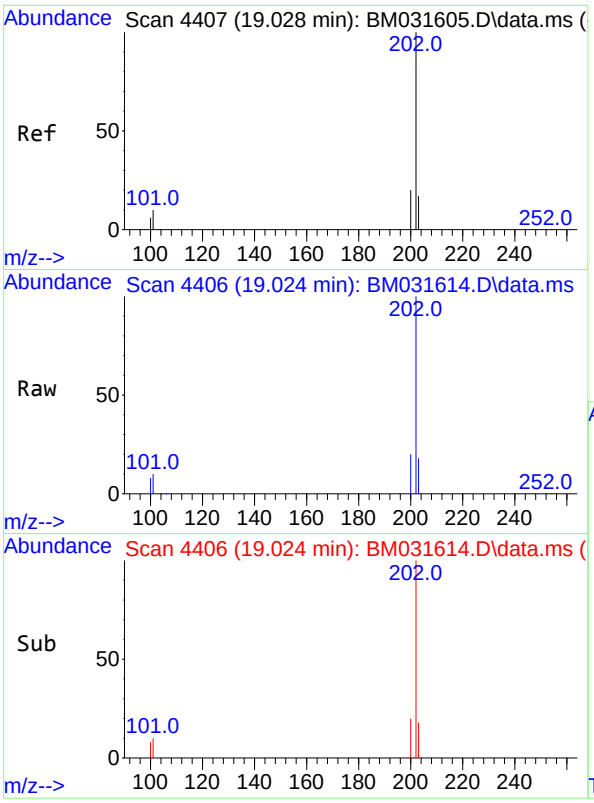


#16
Anthracene
Concen: 1.817 ng/ul
RT: 17.093 min Scan# 3863
Delta R.T. -0.010 min
Lab File: BM031614.D
Acq: 09 Aug 2021 21:44

Tgt Ion:178 Resp: 29732

Ion	Ratio	Lower	Upper
178	100		
179	16.8	13.0	19.6
176	19.0	15.6	23.4

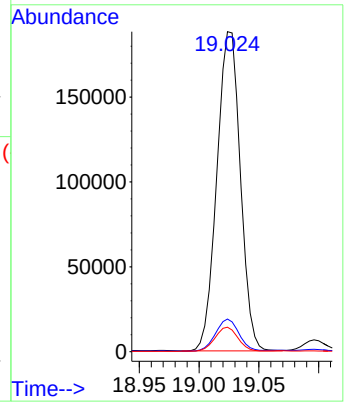


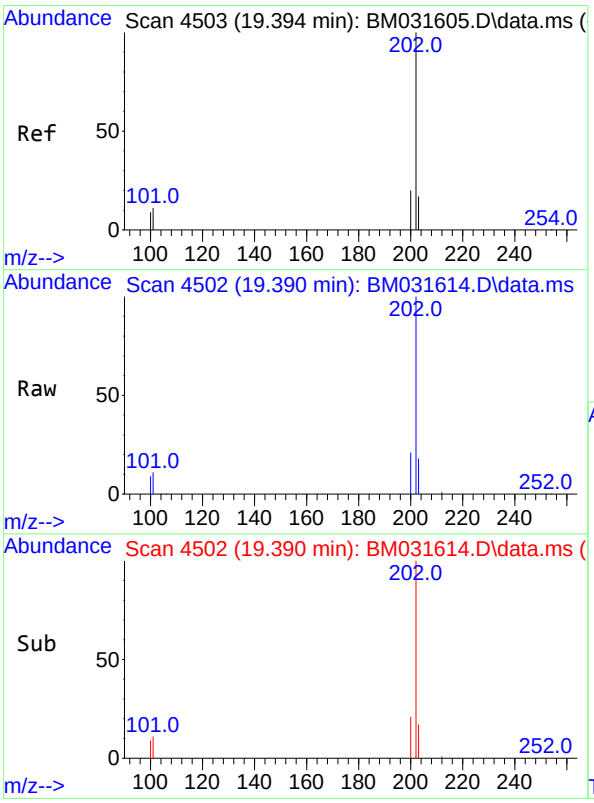


#19
Fluoranthene
Concen: 13.816 ng/ul
RT: 19.024 min Scan# 4406
Delta R.T. -0.004 min
Lab File: BM031614.D
Acq: 09 Aug 2021 21:44

Tgt Ion:202 Resp: 257641

Ion	Ratio	Lower	Upper
202	100		
101	10.2	6.6	10.0#
100	7.7	5.4	8.0

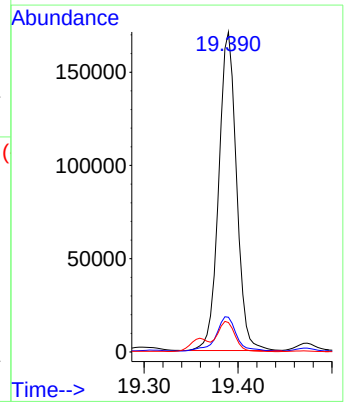




#20
Pyrene
Concen: 11.887 ng/ul
RT: 19.390 min Scan# 4502
Delta R.T. -0.004 min
Lab File: BM031614.D
Acq: 09 Aug 2021 21:44

Tgt Ion:202 Resp: 224817

Ion	Ratio	Lower	Upper
202	100		
101	10.9	7.8	11.6
100	9.2	6.6	10.0



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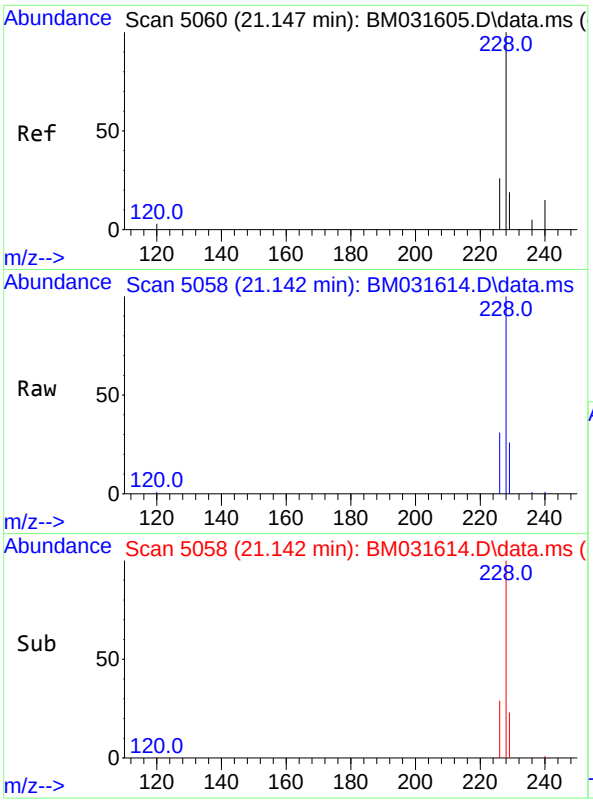
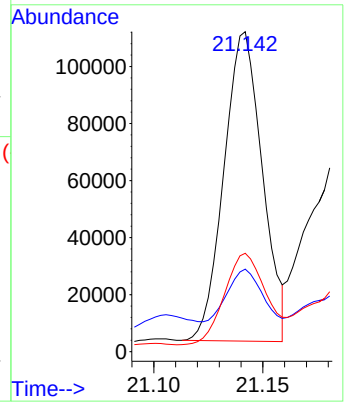
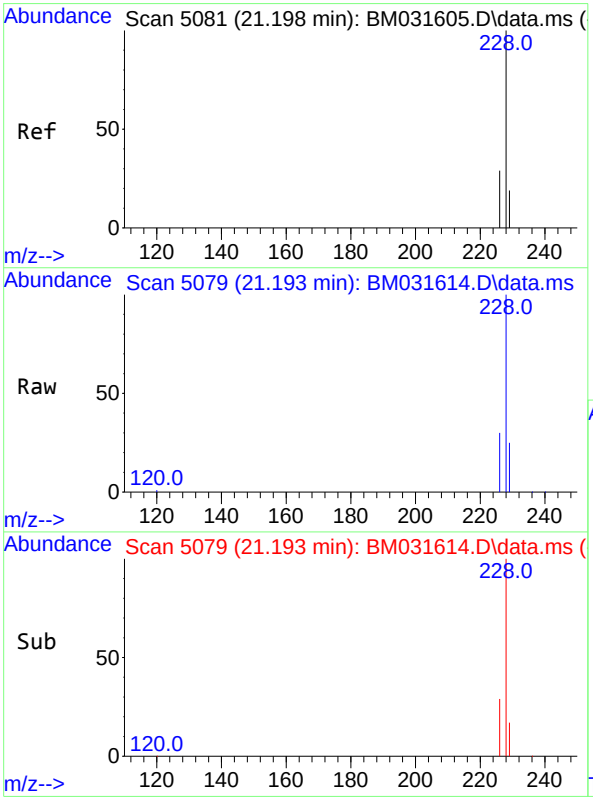


#21
Benzo(a)anthracene
Concen: 7.538 ng/ul
RT: 21.142 min Scan# 5058
Delta R.T. -0.005 min
Lab File: BM031614.D
Acq: 09 Aug 2021 21:44

Tgt Ion:228 Resp: 132921

Ion	Ratio	Lower	Upper
228	100		
229	25.8	15.6	23.4#
226	30.8	21.7	32.5

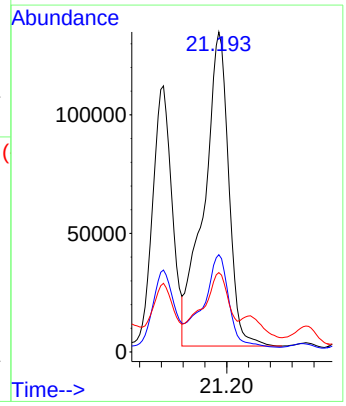




#22
Chrysene
Concen: 11.468 ng/ul
RT: 21.193 min Scan# 5079
Delta R.T. -0.002 min
Lab File: BM031614.D
Acq: 09 Aug 2021 21:44

Tgt Ion:228 Resp: 209238

Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.7	37.1
229	24.8	16.2	24.2#



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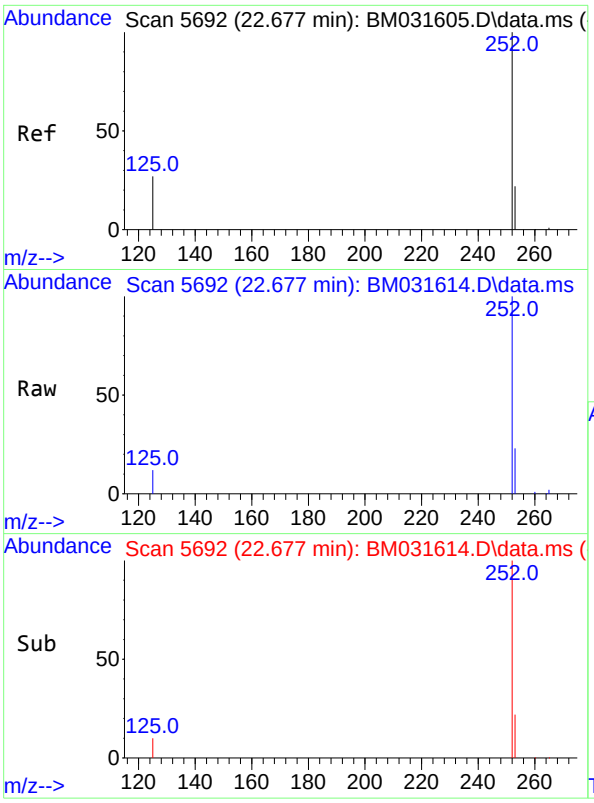
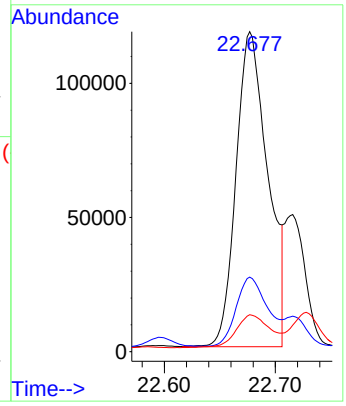
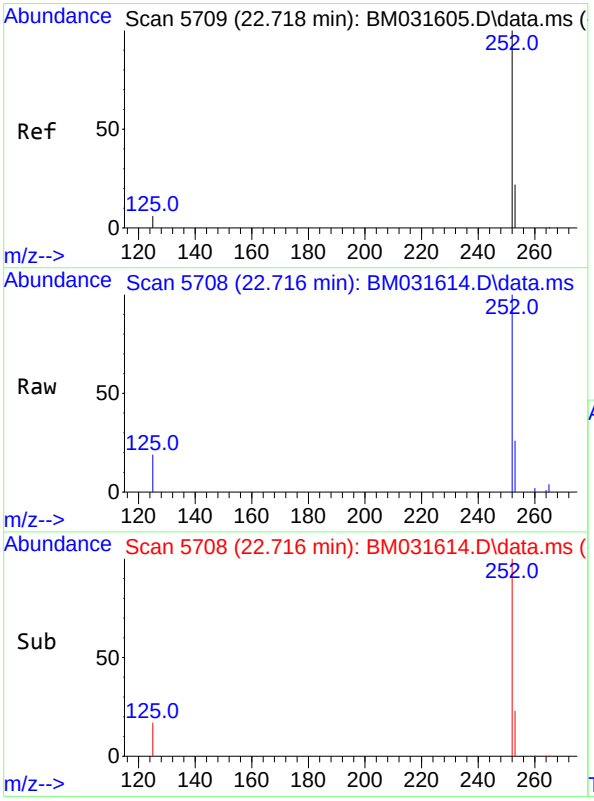


#24
Benzo(b)fluoranthene
Concen: 8.863 ng/ul m
RT: 22.677 min Scan# 5692
Delta R.T. -0.000 min
Lab File: BM031614.D
Acq: 09 Aug 2021 21:44

Tgt Ion:252 Resp: 234236

Ion	Ratio	Lower	Upper
252	100		
253	23.3	0.0	53.0
125	11.5	0.0	22.8

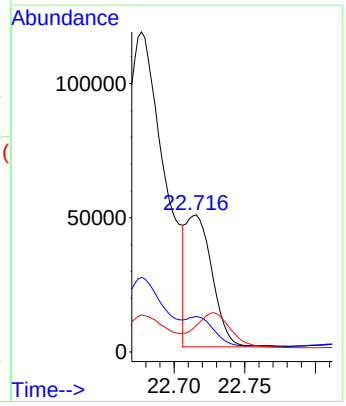




#25
Benzo(k)fluoranthene
Concen: 2.324 ng/ul m
RT: 22.716 min Scan# 5708
Delta R.T. -0.005 min
Lab File: BM031614.D
Acq: 09 Aug 2021 21:44

Tgt Ion:252 Resp: 63452

Ion	Ratio	Lower	Upper
252	100		
253	25.9	21.3	31.9
125	19.4	8.8	13.2#



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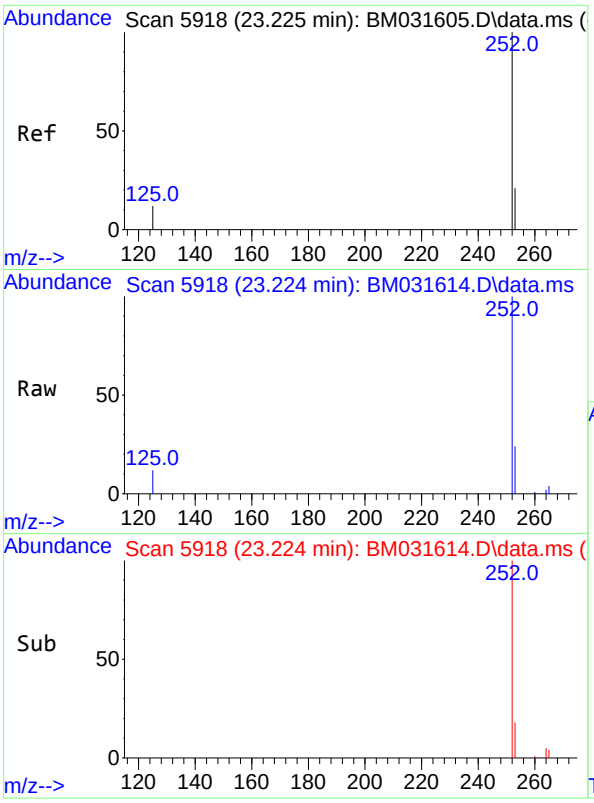
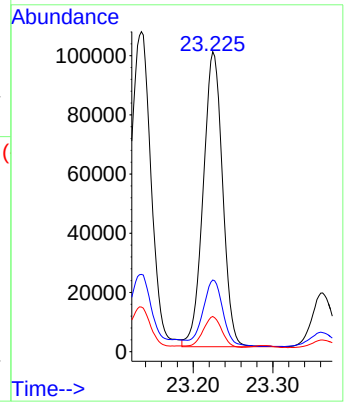
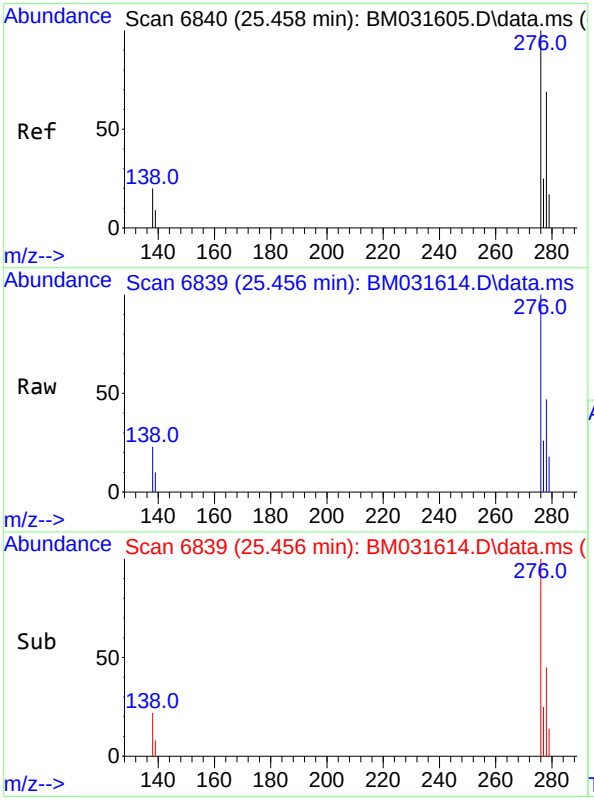


#26
Benzo(a)pyrene
Concen: 7.303 ng/ul
RT: 23.224 min Scan# 5918
Delta R.T. -0.000 min
Lab File: BM031614.D
Acq: 09 Aug 2021 21:44

Tgt Ion:252 Resp: 169031

Ion	Ratio	Lower	Upper
252	100		
253	23.9	22.4	33.6
125	11.8	13.0	19.4#

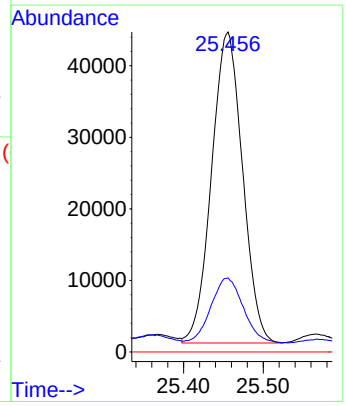




#27
Indeno(1,2,3-cd)pyrene
Concen: 3.921 ng/ul
RT: 25.456 min Scan# 6839
Delta R.T. 0.002 min
Lab File: BM031614.D
Acq: 09 Aug 2021 21:44

Tgt Ion:276 Resp: 117308

Ion	Ratio	Lower	Upper
276	100		
138	22.4	15.8	23.8
227	0.0	0.0	0.0



Instrument :
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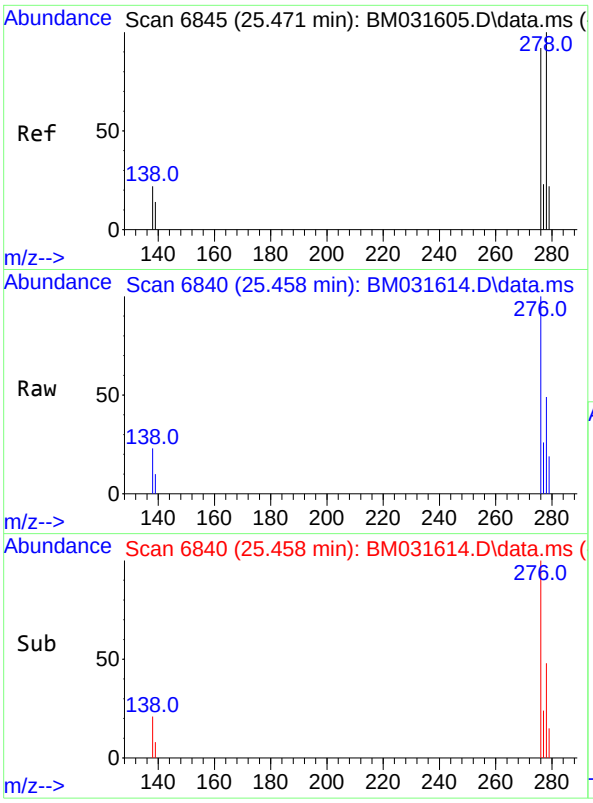
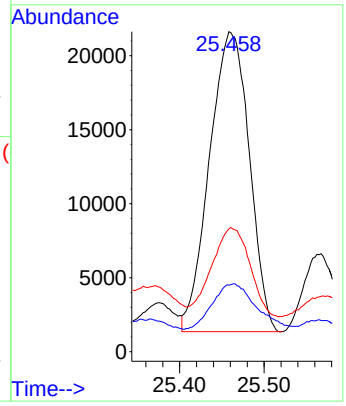
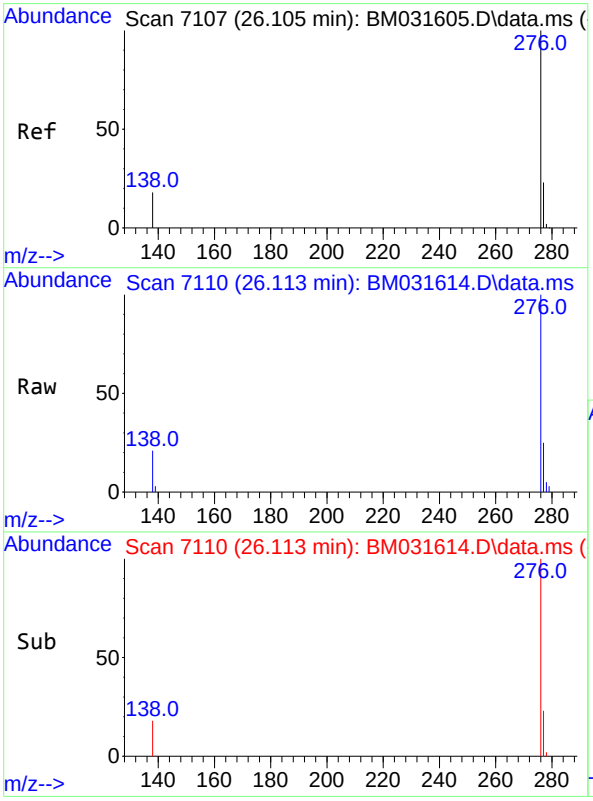


#28
Dibenzo(a,h)anthracene
Concen: 2.754 ng/ul
RT: 25.458 min Scan# 6840
Delta R.T. -0.010 min
Lab File: BM031614.D
Acq: 09 Aug 2021 21:44

Tgt Ion:278 Resp: 66415

Ion	Ratio	Lower	Upper
278	100		
139	20.8	13.3	19.9#
279	38.4	22.8	34.2#

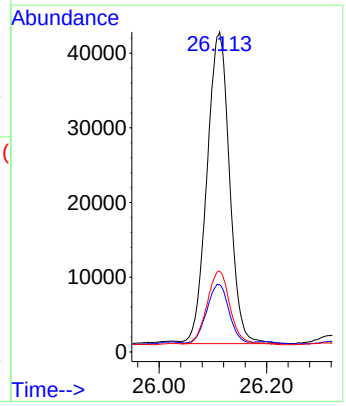




#29
Benzo(g,h,i)perylene
Concen: 4.759 ng/ul
RT: 26.113 min Scan# 7110
Delta R.T. 0.015 min
Lab File: BM031614.D
Acq: 09 Aug 2021 21:44

Tgt Ion:276 Resp: 121466

Ion	Ratio	Lower	Upper
276	100		
138	21.0	15.4	23.2
277	25.2	19.9	29.9



Instrument :
BNA_M
ClientSampleId :
C00A5

Manual Integrations APPROVED
mohammad
8/10/2021 4:36:24 PM