Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072921\
Data File : BM031315.D
Acq On : 31 Jul 2021 16:57
Operator : CG/JU
Sample : M3106-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGEN5

Manual Integrations APPROVED
mohammad
8/2/2021 3:41:33 PM

Quant Time: Aug 02 01:12:38 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 : Fri Jul 30 14:16:52 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.608	152	1339	0.400	ng/ul	0.00
4) Naphthalene-d8	10.369	136	5197	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.235	164	3260	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.985	188	6235	0.400	ng/ul	0.00
17) Chrysene-d12	21.176	240	4834	0.400	ng/ul	0.00
23) Perylene-d12	23.341	264	4767	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.193	96	3065	2.061	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.965	152	1190	0.136	ng/ul	0.00
18) Fluoranthene-d10	19.016	212	2439	0.151	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.418	128	1073	0.069	ng/ul#	88
7) 2-Methylnaphthalene	12.042	142	253	0.024	ng/ul	96
10) Acenaphthylene	13.958	152	423	0.030	ng/ul#	68
11) Acenaphthene	14.299	153	523	0.045	ng/ul	95
12) Fluorene	15.293	166	652	0.048	ng/ul#	91
15) Phenanthrene	17.027	178	4974	0.251	ng/ul	99
16) Anthracene	17.117	178	2314	0.125	ng/ul#	93
19) Fluoranthene	19.046	202	12521	0.607	ng/ul	98
20) Pyrene	19.409	202	11044	0.528	ng/ul	97
21) Benzo(a)anthracene	21.159	228	7672	0.393	ng/ul	92
22) Chrysene	21.212	228	7480m	0.370	ng/ul	
24) Benzo(b)fluoranthene	22.699	252	8764m	0.408	ng/ul	
25) Benzo(k)fluoranthene	22.737	252	3580m	0.161	ng/ul	
26) Benzo(a)pyrene	23.246	252	6075	0.323	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	25.482	276	3649	0.150	ng/ul#	97
28) Dibenzo(a,h)anthracene	25.494	278	1133	0.058	ng/ul#	45

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

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072921\
Data File : BM031315.D
Acq On : 31 Jul 2021 16:57
Operator : CG/JU
Sample : M3106-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Aug 02 01:12:38 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 : Fri Jul 30 14:16:52 2021
Response via : Initial Calibration

Instrument :
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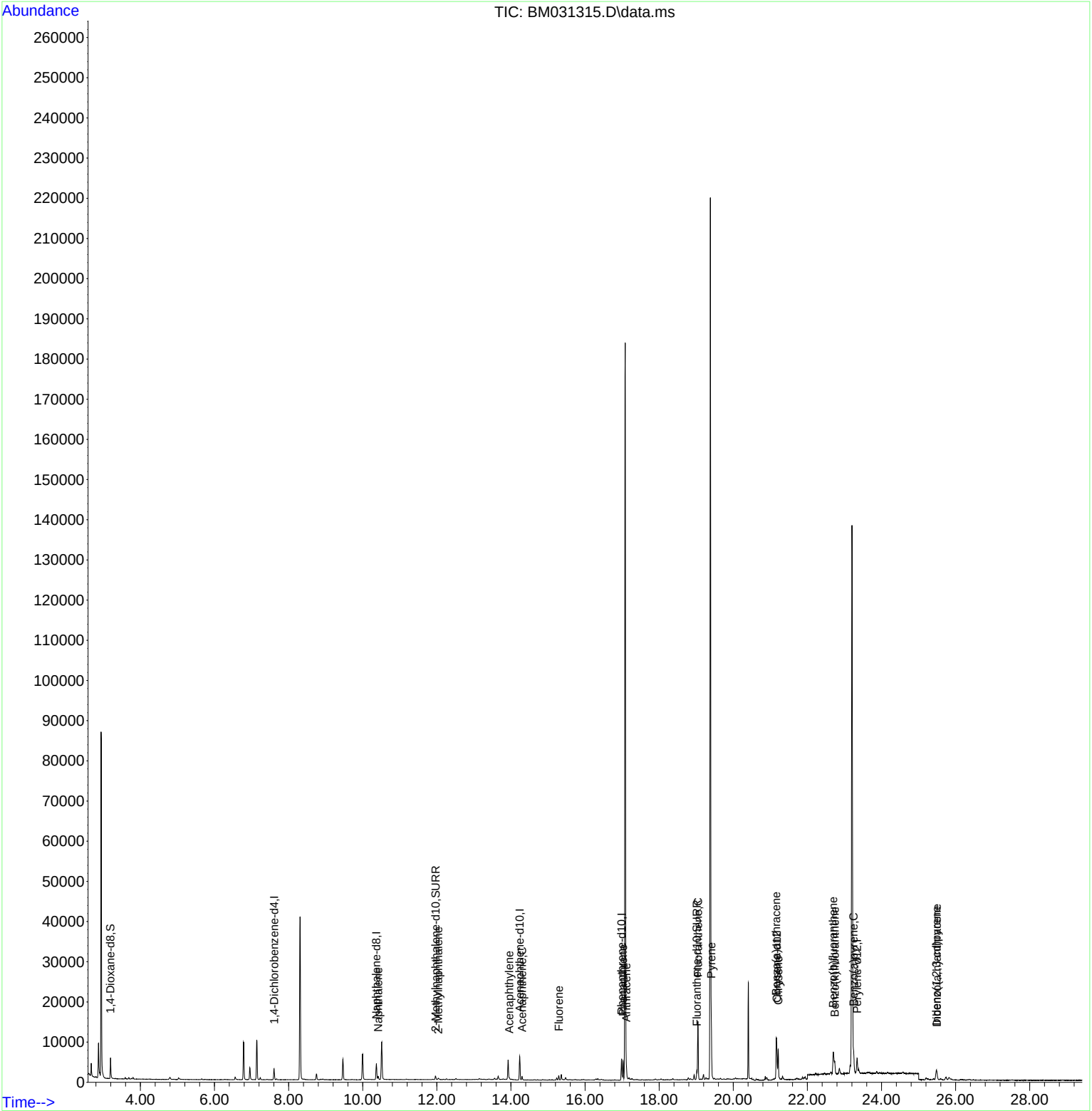
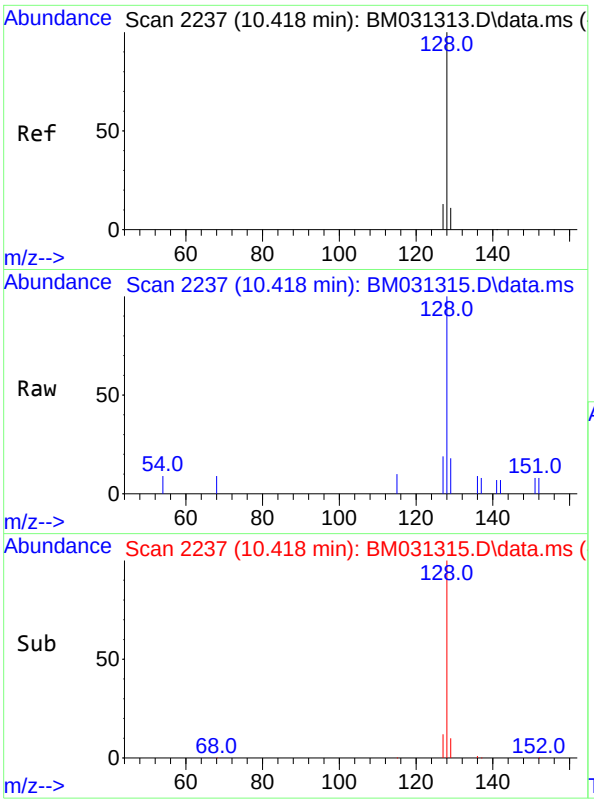
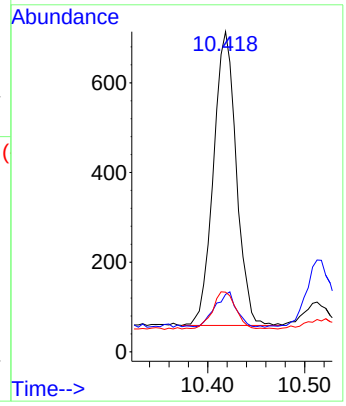




#5
Naphthalene
Concen: 0.069 ng/ul
RT: 10.418 min Scan# 2237
Delta R.T. -0.004 min
Lab File: BM031315.D
Acq: 31 Jul 2021 16:57

Tgt Ion:128 Resp: 1073

Ion	Ratio	Lower	Upper
128	100		
129	17.9	10.0	15.0#
127	18.6	11.6	17.4#



Instrument :
BNA_M
ClientSampleId :
BGEN5

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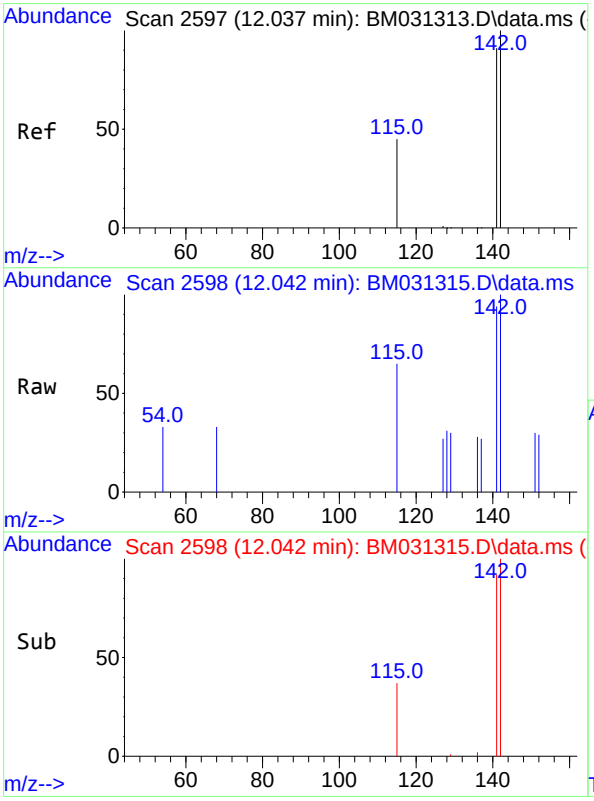
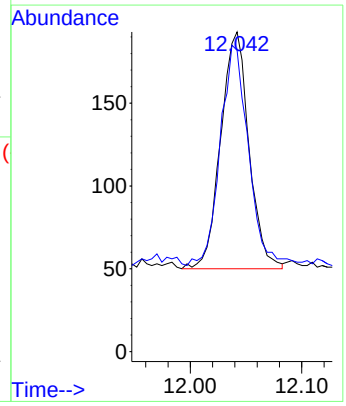
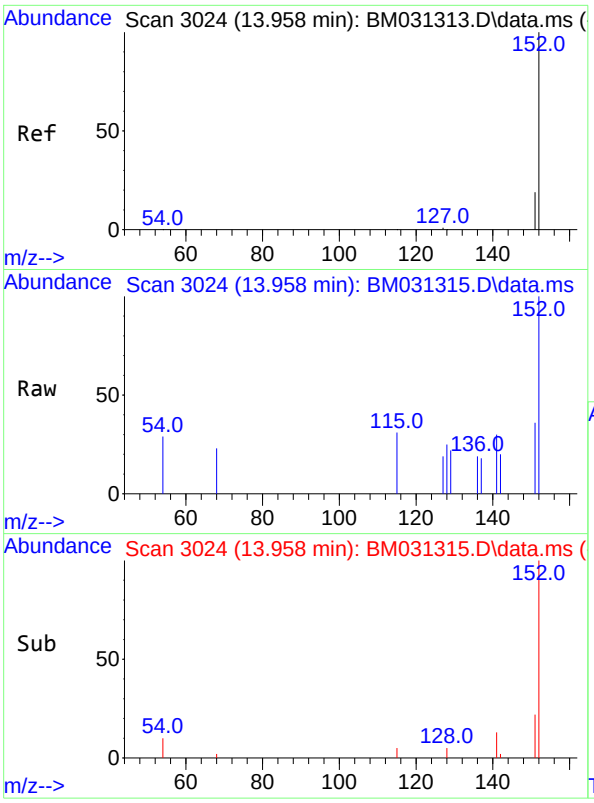


#7
2-Methylnaphthalene
Concen: 0.024 ng/ul
RT: 12.042 min Scan# 2598
Delta R.T. 0.000 min
Lab File: BM031315.D
Acq: 31 Jul 2021 16:57

Tgt Ion:142 Resp: 253

Ion	Ratio	Lower	Upper
142	100		
141	92.9	71.4	107.0

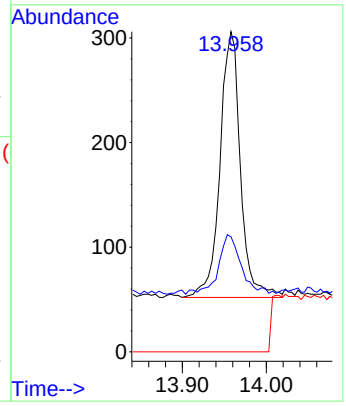


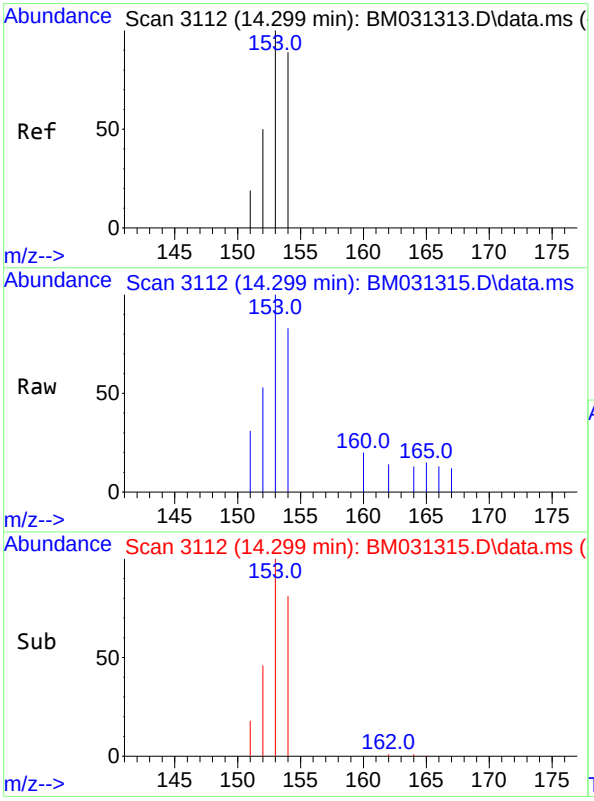


#10
Acenaphthylene
Concen: 0.030 ng/ul
RT: 13.958 min Scan# 3024
Delta R.T. -0.004 min
Lab File: BM031315.D
Acq: 31 Jul 2021 16:57

Tgt Ion:152 Resp: 423

Ion	Ratio	Lower	Upper
152	100		
151	35.9	16.9	25.3#
153	0.0	0.0	0.0

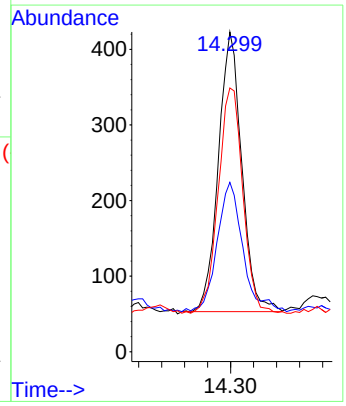




#11
Acenaphthene
Concen: 0.045 ng/ul
RT: 14.299 min Scan# 3112
Delta R.T. -0.004 min
Lab File: BM031315.D
Acq: 31 Jul 2021 16:57

Tgt Ion:153 Resp: 523

Ion	Ratio	Lower	Upper
153	100		
152	53.0	40.7	61.1
154	82.5	70.2	105.2



Instrument :
BNA_M
ClientSampleId :
BGEN5

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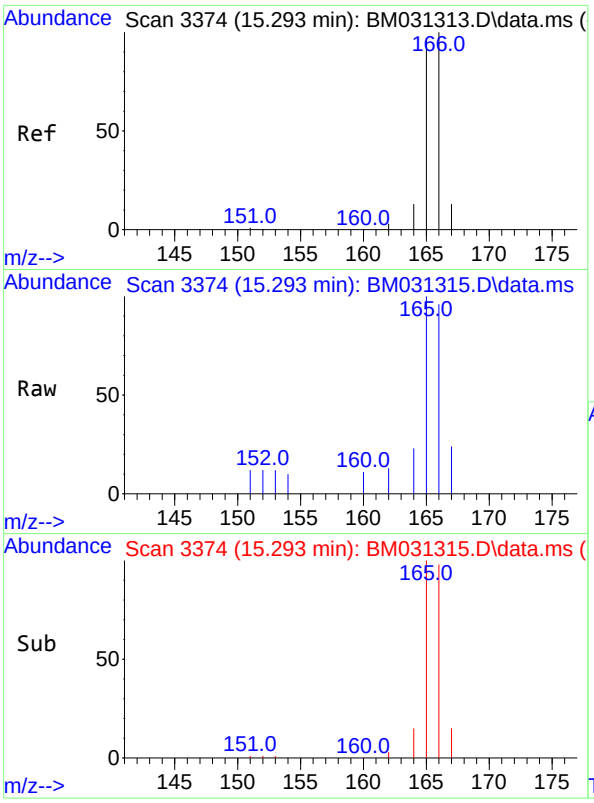
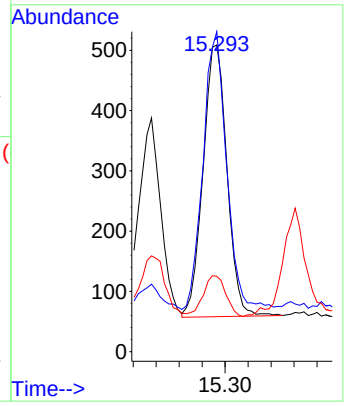


#12
Fluorene
Concen: 0.048 ng/ul
RT: 15.293 min Scan# 3374
Delta R.T. -0.004 min
Lab File: BM031315.D
Acq: 31 Jul 2021 16:57

Tgt Ion:166 Resp: 652

Ion	Ratio	Lower	Upper
166	100		
165	104.3	78.0	117.0
167	24.6	12.0	18.0#



Instrument :
BNA_M
ClientSampleId :
BGEN5

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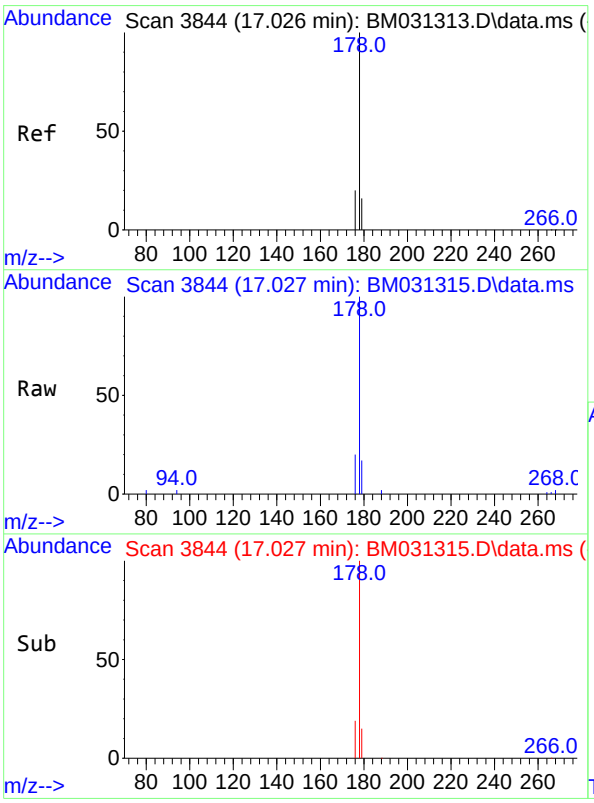
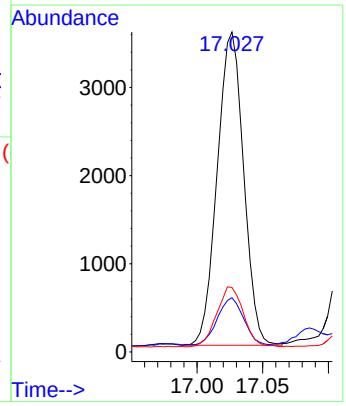
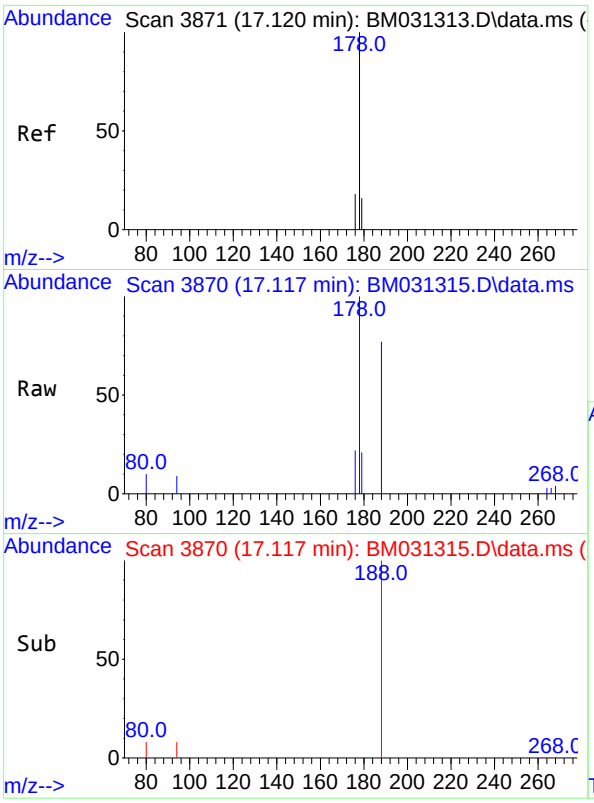


#15
Phenanthrene
Concen: 0.251 ng/ul
RT: 17.027 min Scan# 3844
Delta R.T. -0.003 min
Lab File: BM031315.D
Acq: 31 Jul 2021 16:57

Tgt Ion:178 Resp: 4974

Ion	Ratio	Lower	Upper
178	100		
179	16.9	13.3	19.9
176	20.1	16.2	24.4

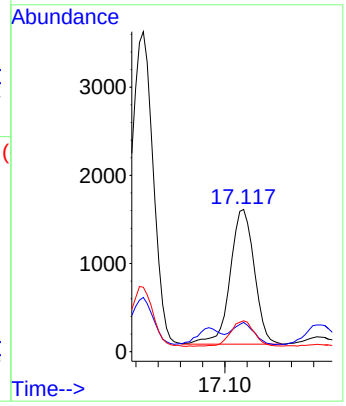




#16
Anthracene
Concen: 0.125 ng/ul
RT: 17.117 min Scan# 3870
Delta R.T. -0.003 min
Lab File: BM031315.D
Acq: 31 Jul 2021 16:57

Tgt Ion:178 Resp: 2314

Ion	Ratio	Lower	Upper
178	100		
179	20.6	13.0	19.6#
176	21.7	15.6	23.4



Instrument :
BNA_M
ClientSampleId :
BGEN5

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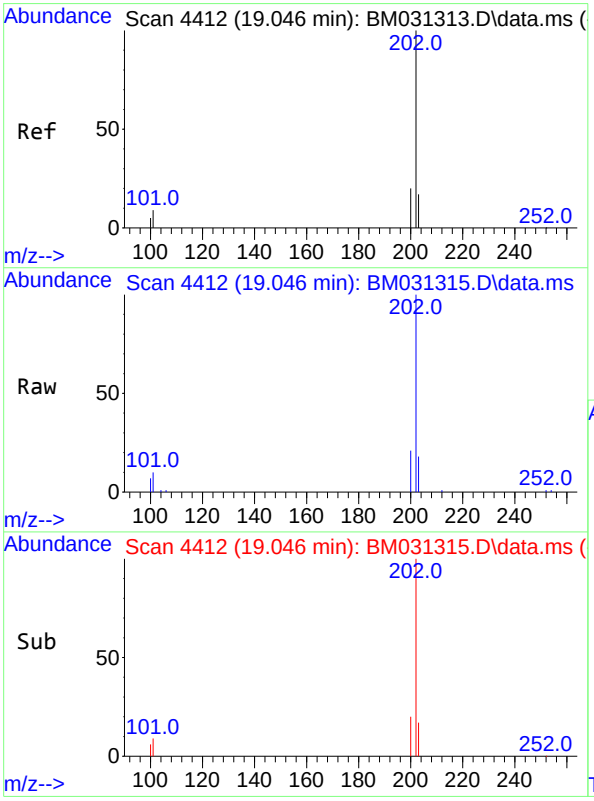
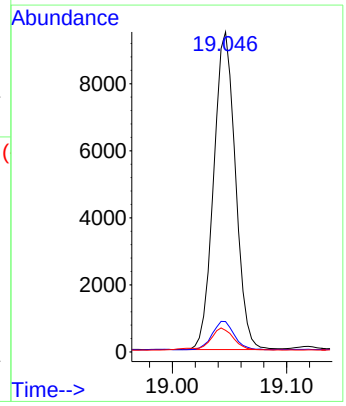
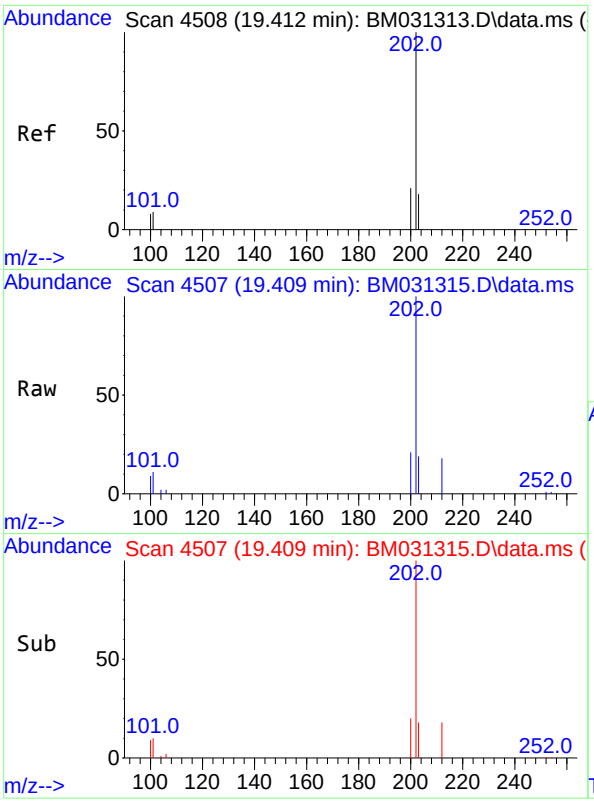


#19
Fluoranthene
Concen: 0.607 ng/ul
RT: 19.046 min Scan# 4412
Delta R.T. -0.004 min
Lab File: BM031315.D
Acq: 31 Jul 2021 16:57

Tgt Ion:202 Resp: 12521

Ion	Ratio	Lower	Upper
202	100		
101	9.5	6.6	10.0
100	6.8	5.4	8.0

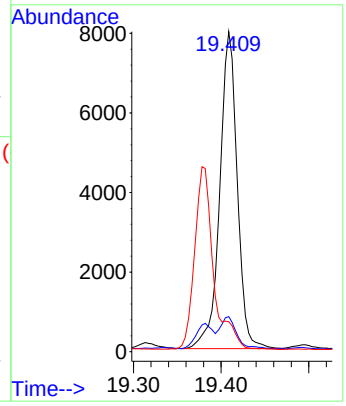




#20
Pyrene
Concen: 0.528 ng/ul
RT: 19.409 min Scan# 4507
Delta R.T. -0.004 min
Lab File: BM031315.D
Acq: 31 Jul 2021 16:57

Tgt Ion:202 Resp: 11044

Ion	Ratio	Lower	Upper
202	100		
101	11.0	7.8	11.6
100	9.4	6.6	10.0



Instrument :
BNA_M
ClientSampleId :
BGEN5

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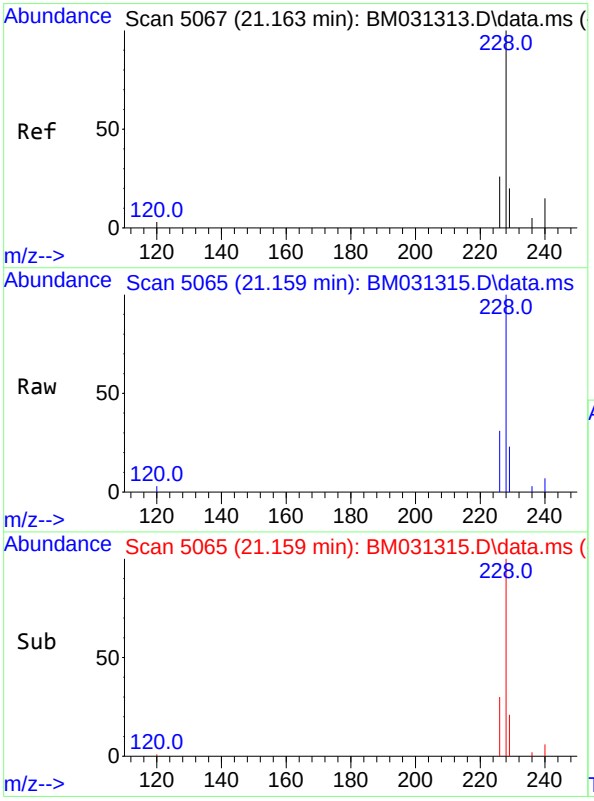
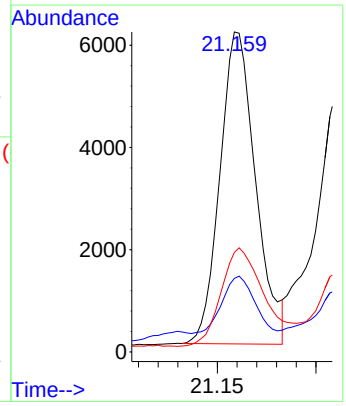
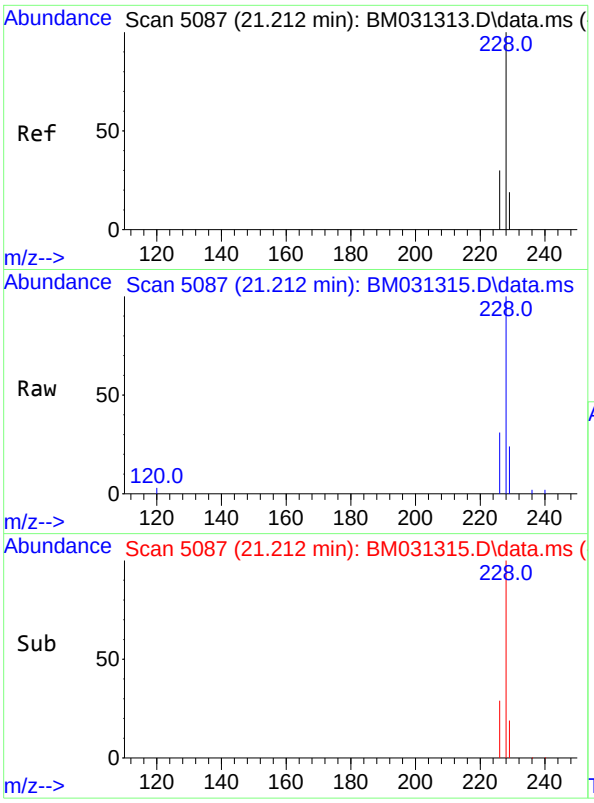


#21
Benzo(a)anthracene
Concen: 0.393 ng/ul
RT: 21.159 min Scan# 5065
Delta R.T. -0.002 min
Lab File: BM031315.D
Acq: 31 Jul 2021 16:57

Tgt Ion:228 Resp: 7672

Ion	Ratio	Lower	Upper
228	100		
229	23.0	15.6	23.4
226	31.1	21.7	32.5

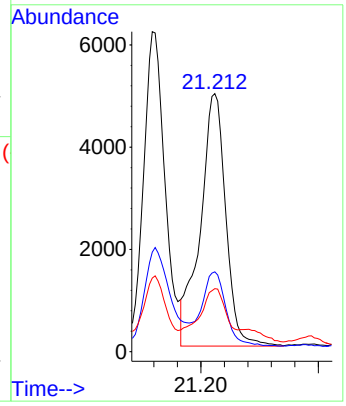




#22
Chrysene
Concen: 0.370 ng/ul m
RT: 21.212 min Scan# 5087
Delta R.T. -0.002 min
Lab File: BM031315.D
Acq: 31 Jul 2021 16:57

Tgt Ion:228 Resp: 7480

Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.7	37.1
229	24.4	16.2	24.2#



Instrument :
BNA_M
ClientSampleId :
BGEN5

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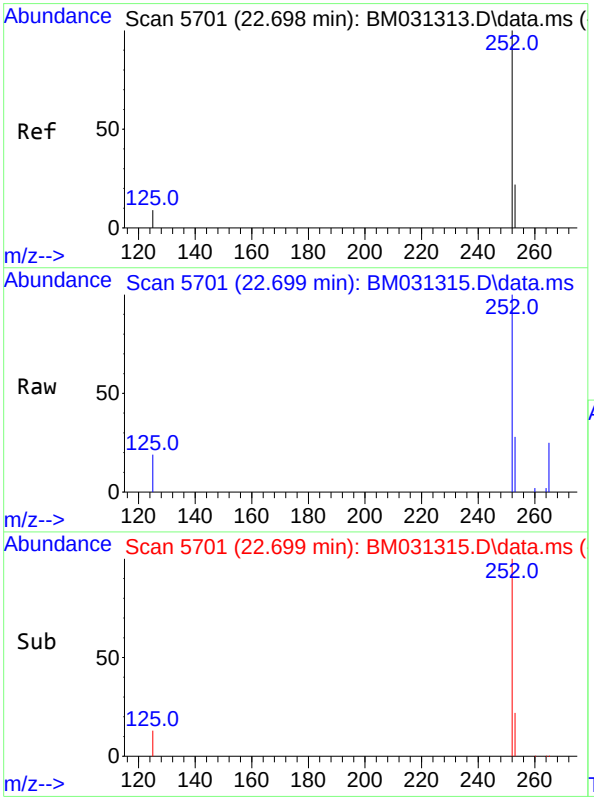
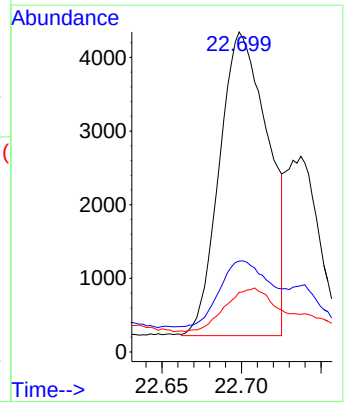
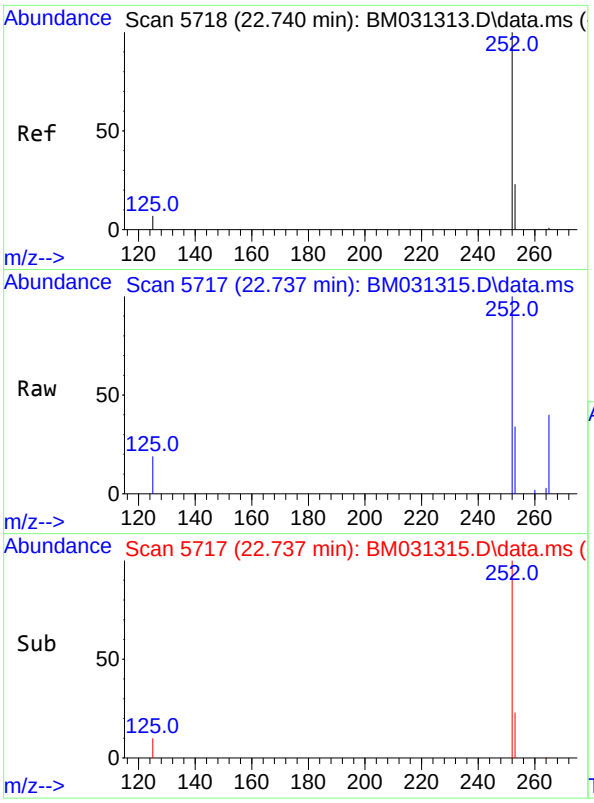


#24
Benzo(b)fluoranthene
Concen: 0.408 ng/ul m
RT: 22.699 min Scan# 5701
Delta R.T. 0.000 min
Lab File: BM031315.D
Acq: 31 Jul 2021 16:57

Tgt Ion:252 Resp: 8764

Ion	Ratio	Lower	Upper
252	100		
253	28.4	0.0	53.0
125	18.7	0.0	22.8

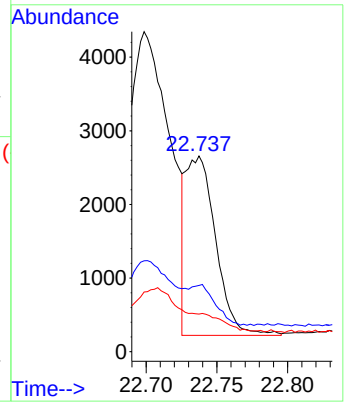


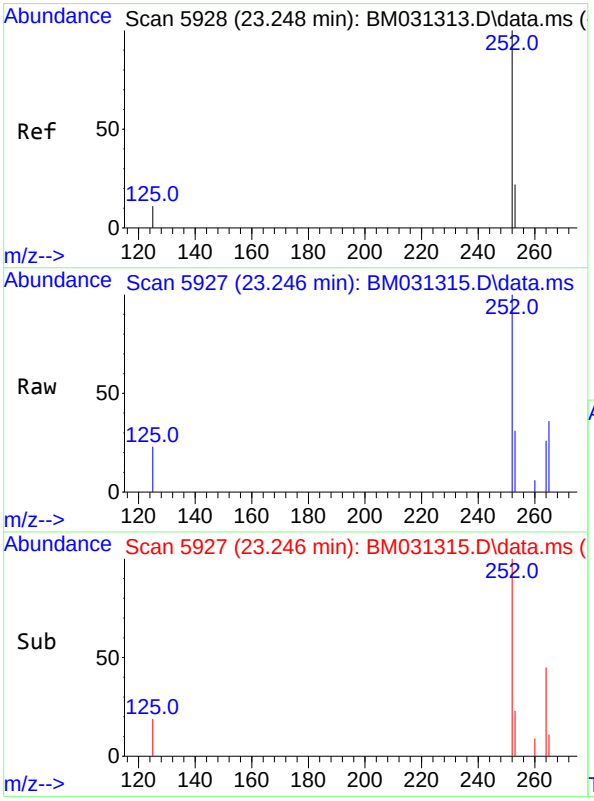


#25
Benzo(k)fluoranthene
Concen: 0.161 ng/ul m
RT: 22.737 min Scan# 5717
Delta R.T. -0.002 min
Lab File: BM031315.D
Acq: 31 Jul 2021 16:57

Tgt Ion:252 Resp: 3580

Ion	Ratio	Lower	Upper
252	100		
253	33.9	21.3	31.9#
125	19.3	8.8	13.2#

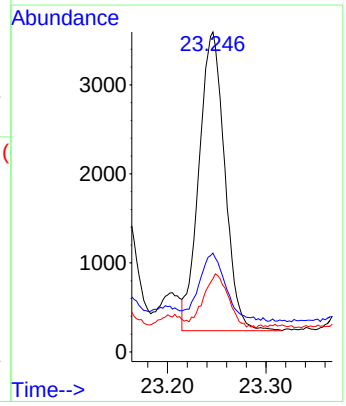




#26
Benzo(a)pyrene
Concen: 0.323 ng/ul
RT: 23.246 min Scan# 5927
Delta R.T. -0.002 min
Lab File: BM031315.D
Acq: 31 Jul 2021 16:57

Tgt Ion:252 Resp: 6075

Ion	Ratio	Lower	Upper
252	100		
253	30.9	22.4	33.6
125	22.9	13.0	19.4#



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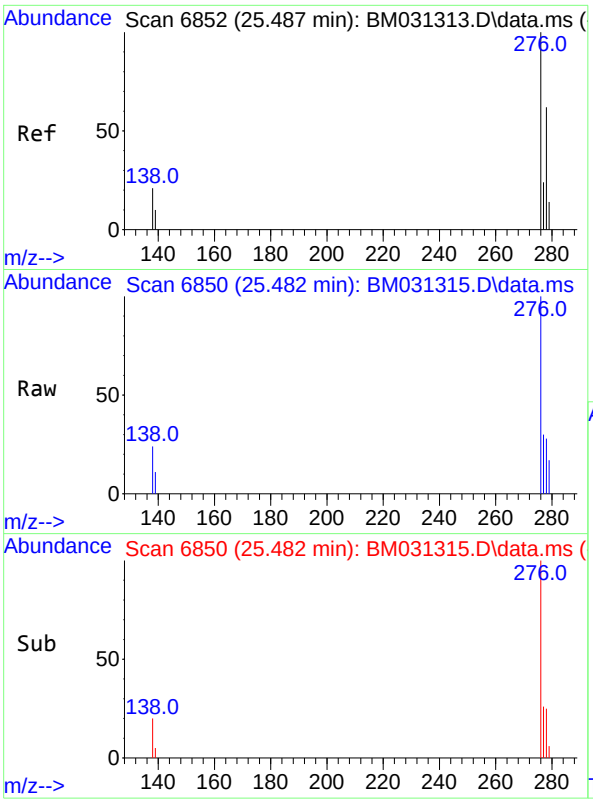
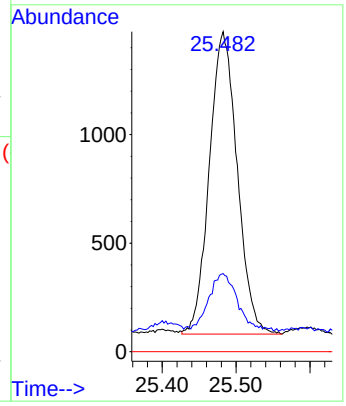
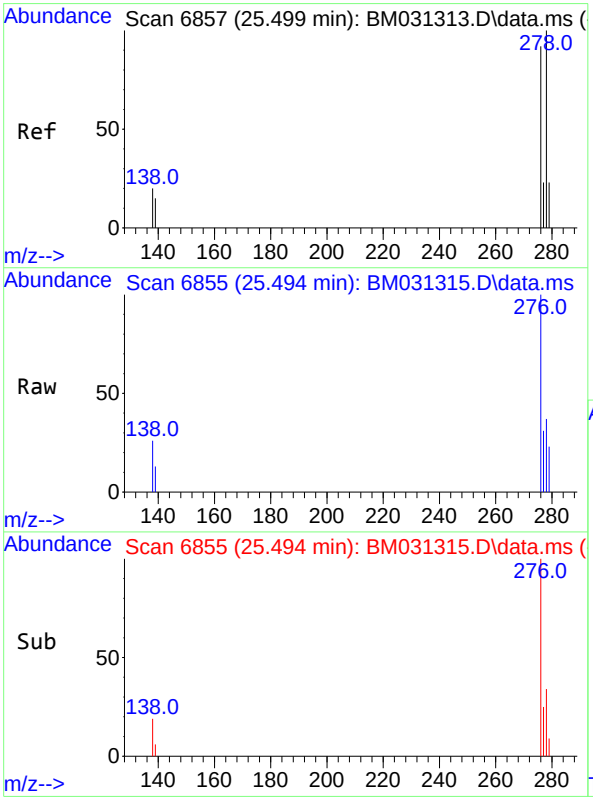


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.150 ng/ul
RT: 25.482 min Scan# 6850
Delta R.T. -0.007 min
Lab File: BM031315.D
Acq: 31 Jul 2021 16:57

Tgt Ion:276 Resp: 3649

Ion	Ratio	Lower	Upper
276	100		
138	21.1	15.8	23.8
227	0.0	0.0	0.0

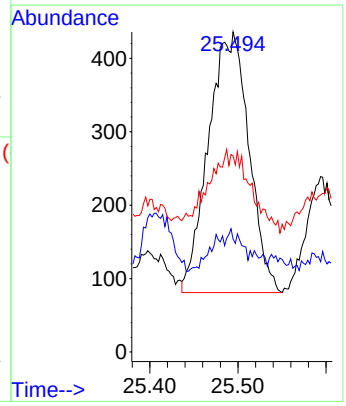




#28
Dibenzo(a,h)anthracene
Concen: 0.058 ng/ul
RT: 25.494 min Scan# 6855
Delta R.T. -0.009 min
Lab File: BM031315.D
Acq: 31 Jul 2021 16:57

Tgt Ion:278 Resp: 1133

Ion	Ratio	Lower	Upper
278	100		
139	35.3	13.3	19.9#
279	61.2	22.8	34.2#



Instrument :
BNA_M
ClientSampleId :
BGEN5

Manual Integrations APPROVED
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