Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072321\
Data File : BM031098.D
Acq On : 23 Jul 2021 19:58
Operator : CG/JU
Sample : M2970-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGEA5

Manual Integrations APPROVED
mohammad
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Quant Time: Jul 24 00:53:32 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 23 18:04:27 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.639	152	1350	0.40	ng/ul	0.00
4) Naphthalene-d8	10.406	136	5371	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.265	164	3716	0.40	ng/ul	0.00
13) Phenanthrene-d10	17.009	188	7924	0.40	ng/ul	# 0.00
17) Chrysene-d12	21.195	240	7323	0.40	ng/ul	0.00
23) Perylene-d12	23.370	264	6418	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.217	96	5463	3.85	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.998	152	2457	0.26	ng/ul	0.00
18) Fluoranthene-d10	19.043	212	6437	0.29	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.451	128	1246	0.08	ng/ul#	90
7) 2-Methylnaphthalene	12.070	142	253	0.02	ng/ul	97
10) Acenaphthylene	13.986	152	2498	0.16	ng/ul	99
11) Acenaphthene	14.330	153	287	0.02	ng/ul#	87
12) Fluorene	15.319	166	434	0.03	ng/ul#	94
15) Phenanthrene	17.051	178	7391	0.29	ng/ul	99
16) Anthracene	17.141	178	3569	0.15	ng/ul	99
19) Fluoranthene	19.069	202	47514	1.61	ng/ul	97
20) Pyrene	19.435	202	30396	1.01	ng/ul	99
21) Benzo(a)anthracene	21.181	228	34759	1.19	ng/ul	95
22) Chrysene	21.231	228	27241	0.86	ng/ul	97
24) Benzo(b)fluoranthene	22.725	252	35941m	1.19	ng/ul	
25) Benzo(k)fluoranthene	22.759	252	14022m	0.46	ng/ul	
26) Benzo(a)pyrene	23.275	252	13863	0.53	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	25.526	276	9259	0.27	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.538	278	3906	0.14	ng/ul#	79

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

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072321\
Data File : BM031098.D
Acq On : 23 Jul 2021 19:58
Operator : CG/JU
Sample : M2970-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jul 24 00:53:32 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 23 18:04:27 2021
Response via : Initial Calibration

Instrument :
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ClientSampleId :
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Manual Integrations APPROVED
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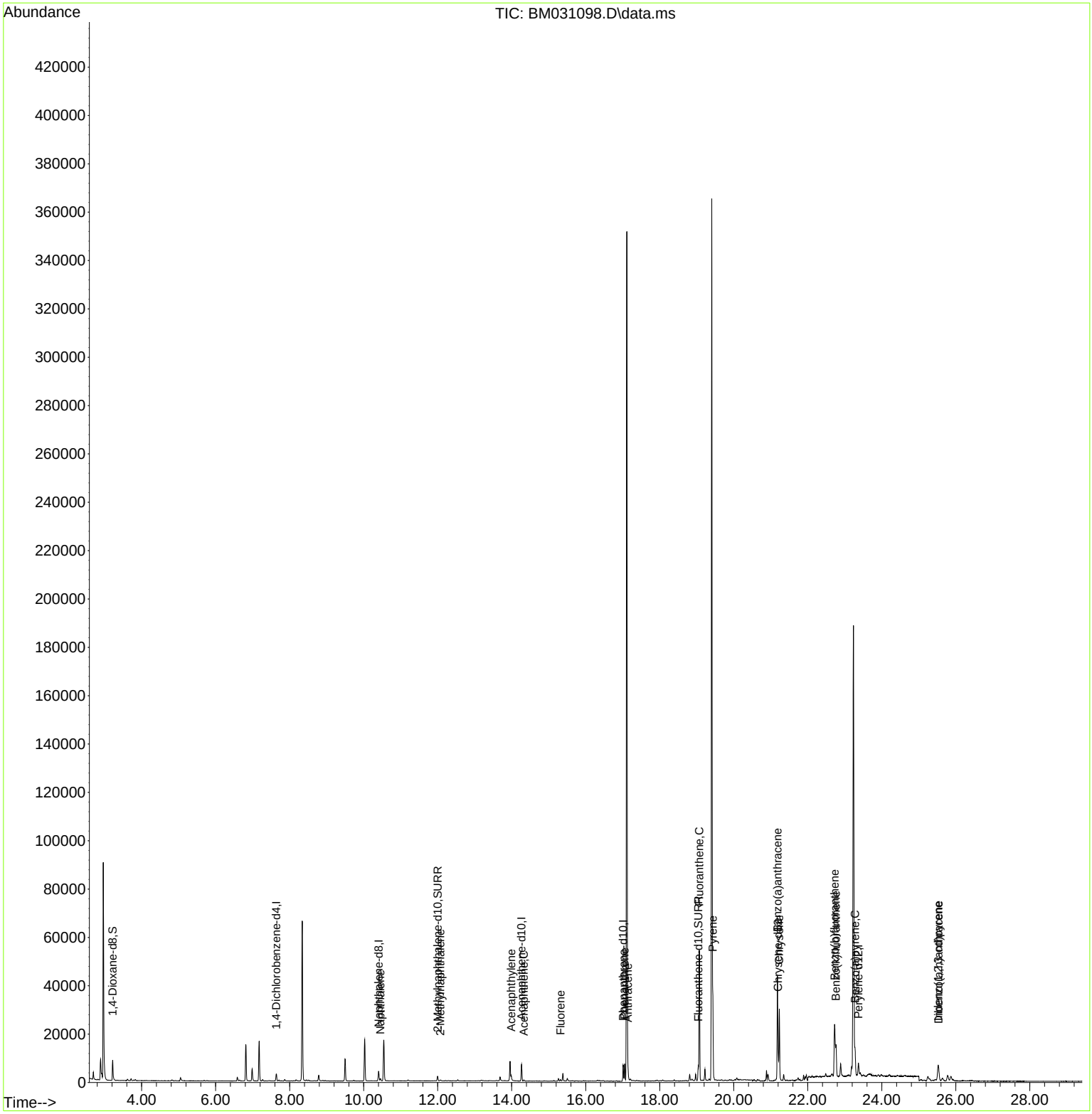
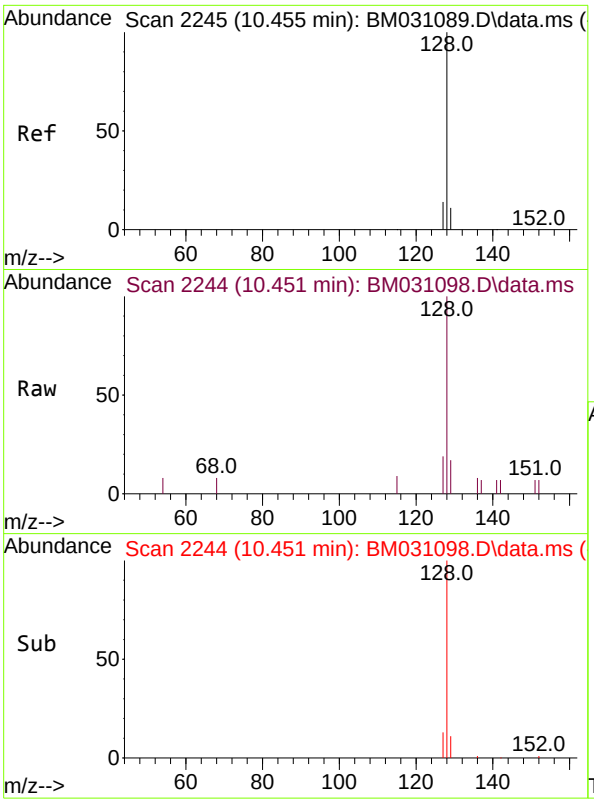
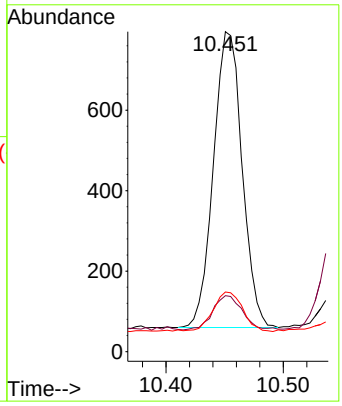




#5
Naphthalene
Concen: 0.08 ng/ul
RT: 10.451 min Scan# 2244
Delta R.T. -0.004 min
Lab File: BM031098.D
Acq: 23 Jul 2021 19:58

Tgt Ion:128 Resp: 1246

Ion	Ratio	Lower	Upper
128	100		
129	17.5	10.2	15.4#
127	18.6	11.8	17.8#



Instrument :
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ClientSampleId :
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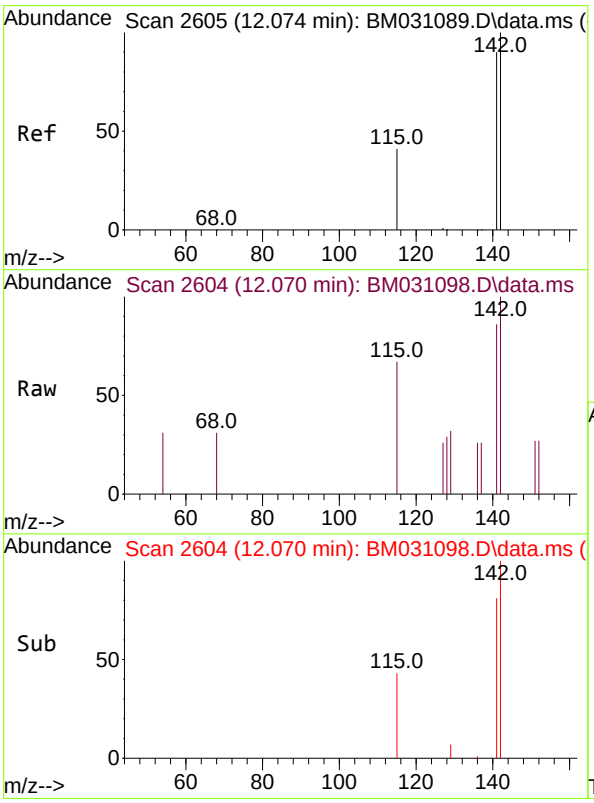
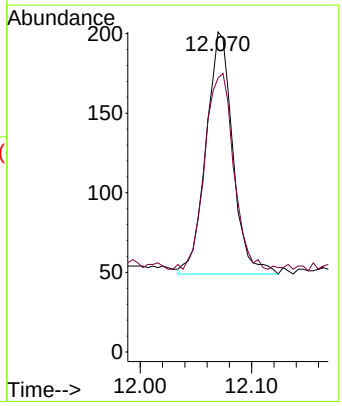
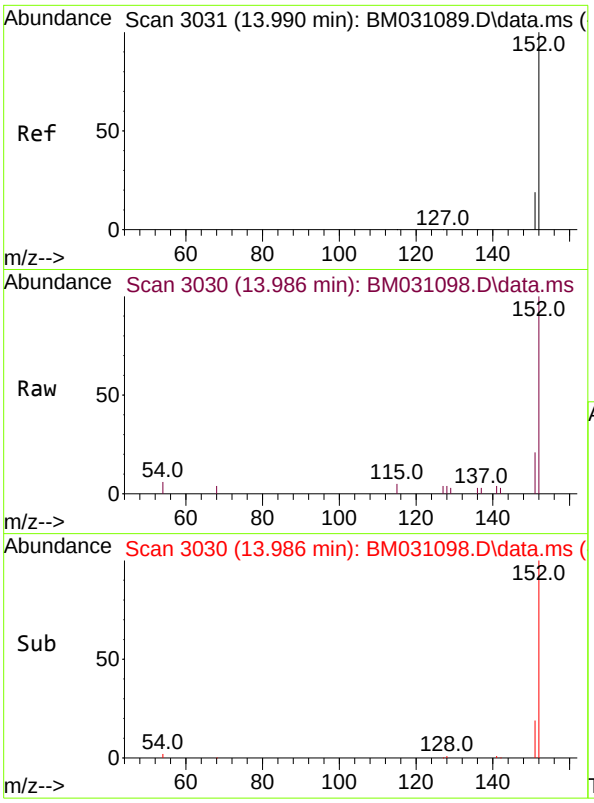


#7
2-Methylnaphthalene
Concen: 0.02 ng/ul
RT: 12.070 min Scan# 2604
Delta R.T. -0.004 min
Lab File: BM031098.D
Acq: 23 Jul 2021 19:58

Tgt Ion:142 Resp: 253

Ion	Ratio	Lower	Upper
142	100		
141	86.6	71.5	107.3

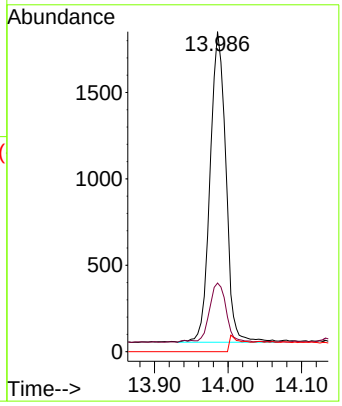




#10
Acenaphthylene
Concen: 0.16 ng/ul
RT: 13.986 min Scan# 3030
Delta R.T. -0.004 min
Lab File: BM031098.D
Acq: 23 Jul 2021 19:58

Tgt Ion:152 Resp: 2498

Ion	Ratio	Lower	Upper
152	100		
151	21.4	17.5	26.3
153	0.0	0.0	0.0



Instrument :
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ClientSampleId :
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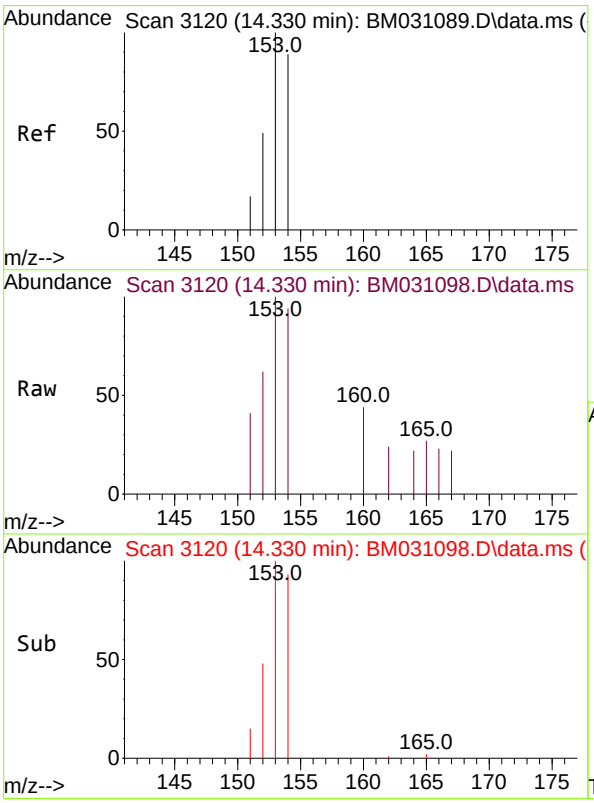
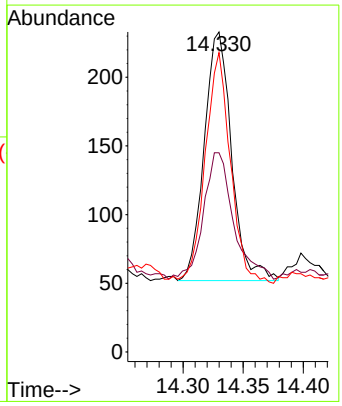
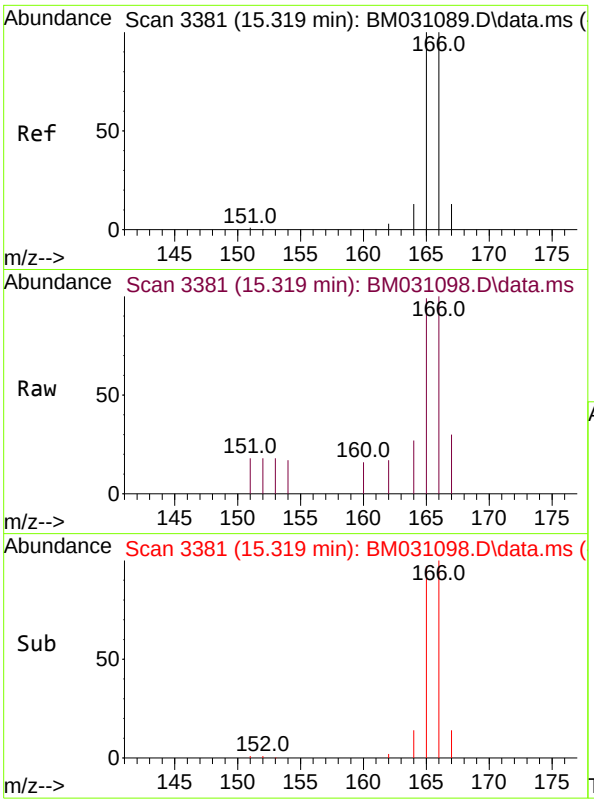


#11
Acenaphthene
Concen: 0.02 ng/ul
RT: 14.330 min Scan# 3120
Delta R.T. 0.000 min
Lab File: BM031098.D
Acq: 23 Jul 2021 19:58

Tgt Ion:153 Resp: 287

Ion	Ratio	Lower	Upper
153	100		
152	62.2	39.4	59.2#
154	93.6	68.2	102.4

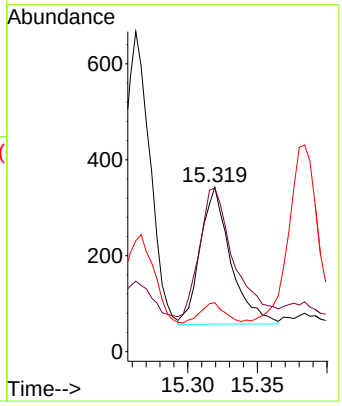




#12
Fluorene
Concen: 0.03 ng/ul
RT: 15.319 min Scan# 3381
Delta R.T. 0.000 min
Lab File: BM031098.D
Acq: 23 Jul 2021 19:58

Tgt Ion:166 Resp: 434

Ion	Ratio	Lower	Upper
166	100		
165	99.4	78.2	117.2
167	29.7	12.3	18.5#



Instrument :
BNA_M
ClientSampleId :
BGEA5

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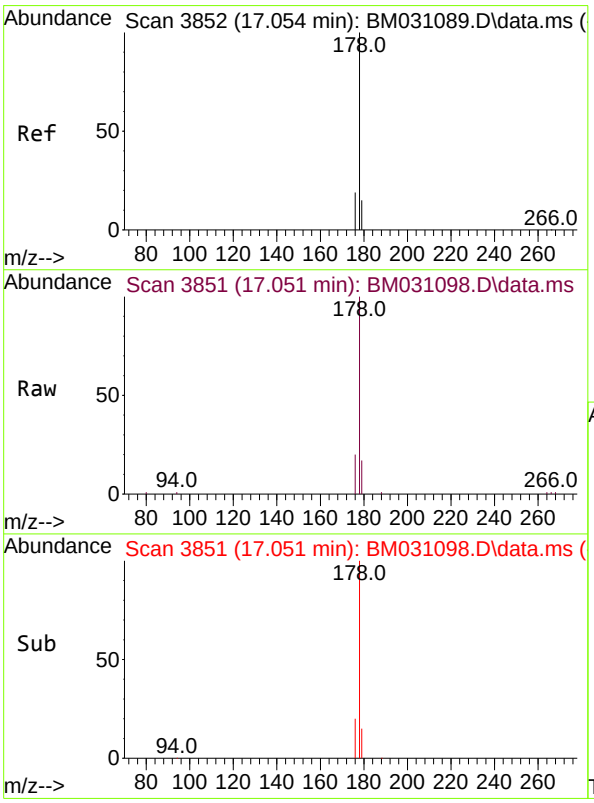
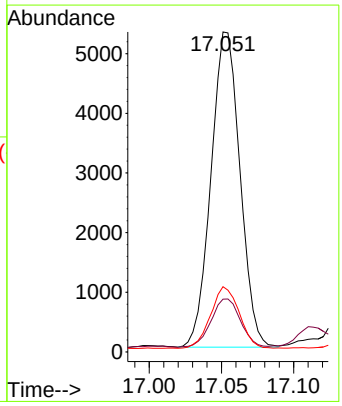
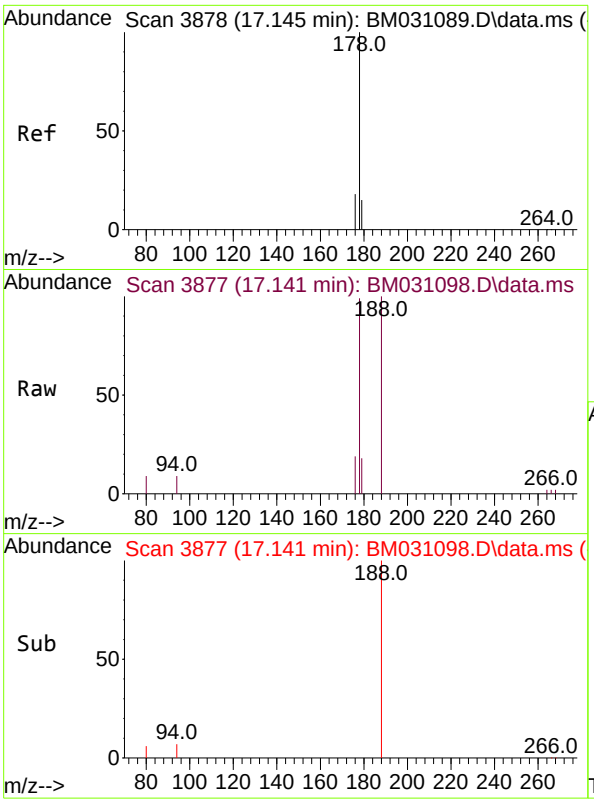


#15
Phenanthrene
Concen: 0.29 ng/ul
RT: 17.051 min Scan# 3851
Delta R.T. -0.003 min
Lab File: BM031098.D
Acq: 23 Jul 2021 19:58

Tgt Ion:178 Resp: 7391

Ion	Ratio	Lower	Upper
178	100		
179	16.5	13.3	19.9
176	20.4	15.4	23.2

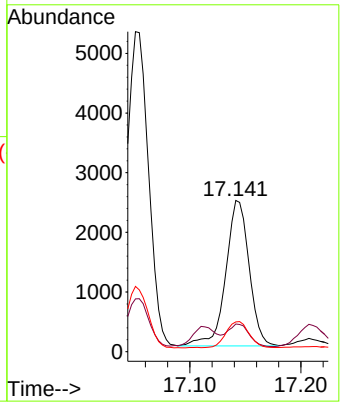




#16
Anthracene
Concen: 0.15 ng/ul
RT: 17.141 min Scan# 3877
Delta R.T. -0.003 min
Lab File: BM031098.D
Acq: 23 Jul 2021 19:58

Tgt Ion:178 Resp: 3569

Ion	Ratio	Lower	Upper
178	100		
179	18.3	13.8	20.8
176	19.7	15.7	23.5



Instrument :
BNA_M
ClientSampleId :
BGEA5

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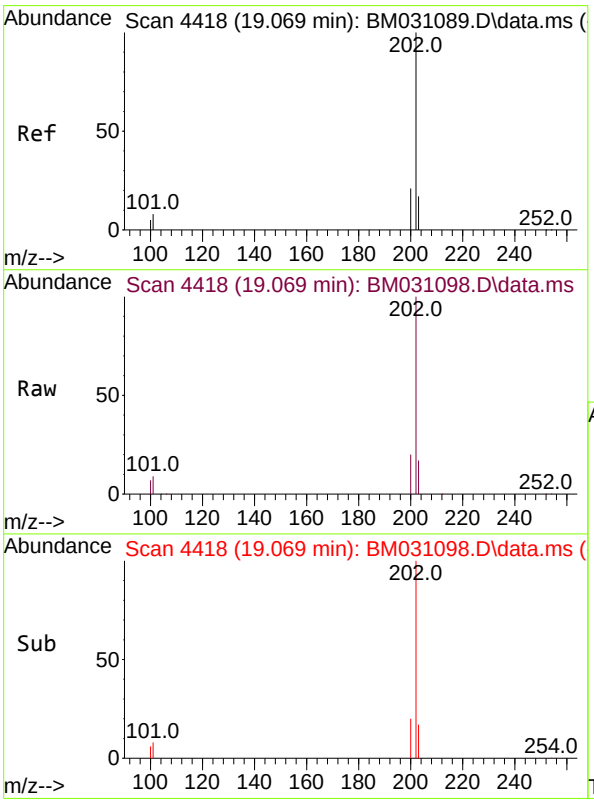
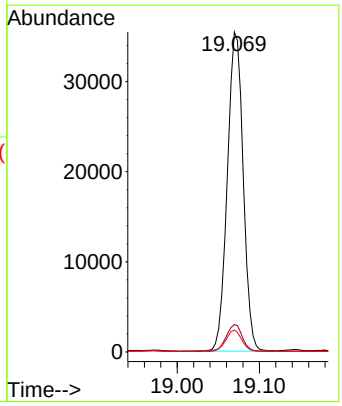
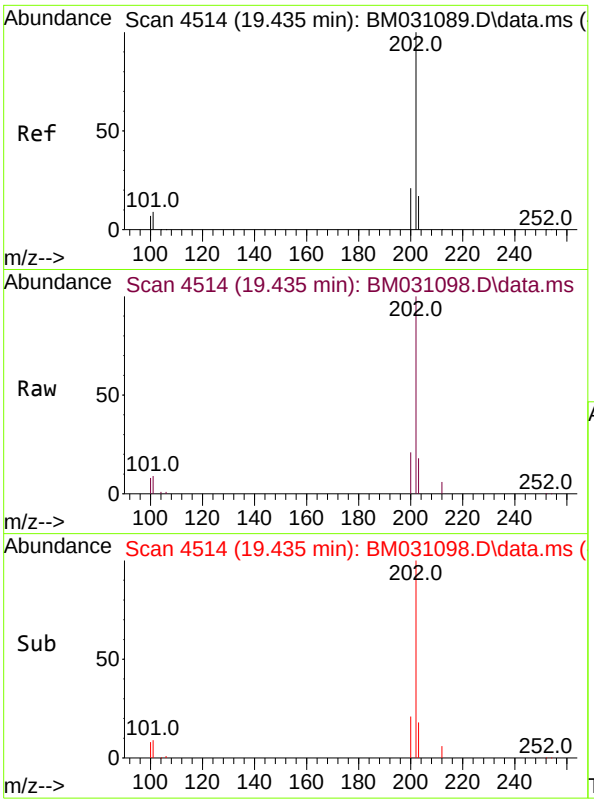


#19
Fluoranthene
Concen: 1.61 ng/ul
RT: 19.069 min Scan# 4418
Delta R.T. 0.000 min
Lab File: BM031098.D
Acq: 23 Jul 2021 19:58

Tgt Ion:202 Resp: 47514

Ion	Ratio	Lower	Upper
202	100		
101	8.6	6.0	9.0
100	6.8	4.8	7.2

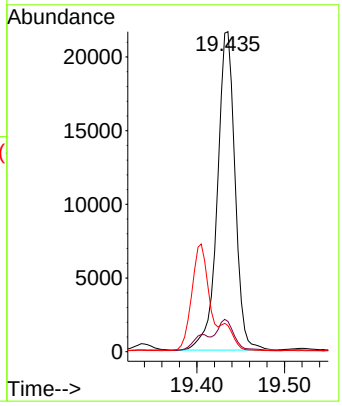


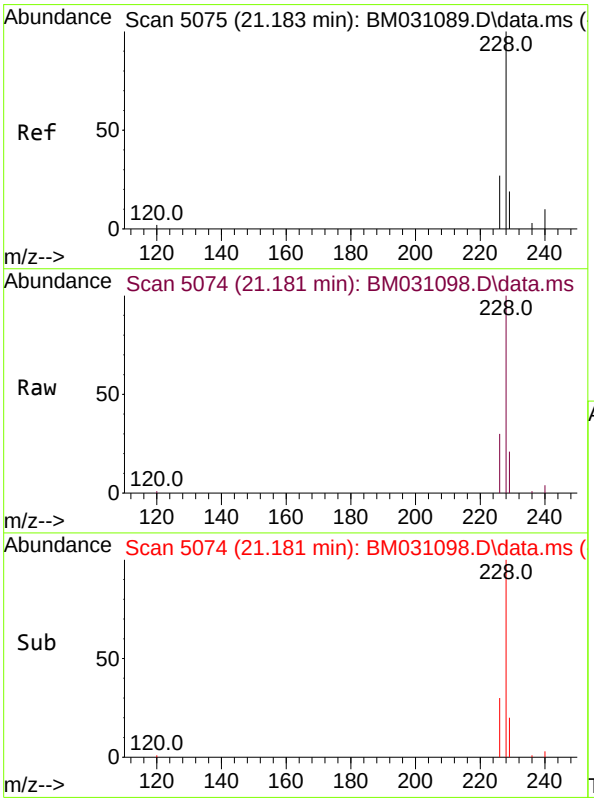


#20
Pyrene
Concen: 1.01 ng/ul
RT: 19.435 min Scan# 4514
Delta R.T. 0.000 min
Lab File: BM031098.D
Acq: 23 Jul 2021 19:58

Tgt Ion:202 Resp: 30396

Ion	Ratio	Lower	Upper
202	100		
101	9.4	7.4	11.0
100	8.2	6.0	9.0

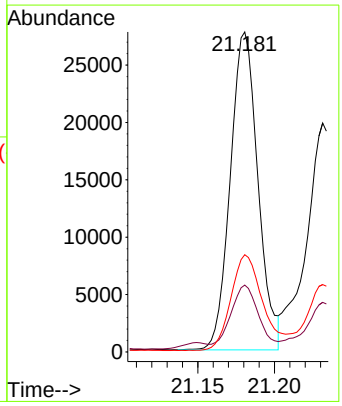




#21
Benzo(a)anthracene
Concen: 1.19 ng/ul
RT: 21.181 min Scan# 5074
Delta R.T. -0.002 min
Lab File: BM031098.D
Acq: 23 Jul 2021 19:58

Tgt Ion:228 Resp: 34759

Ion	Ratio	Lower	Upper
228	100		
229	20.9	16.0	24.0
226	30.4	21.4	32.2



Instrument :
BNA_M
ClientSampleId :
BGEA5

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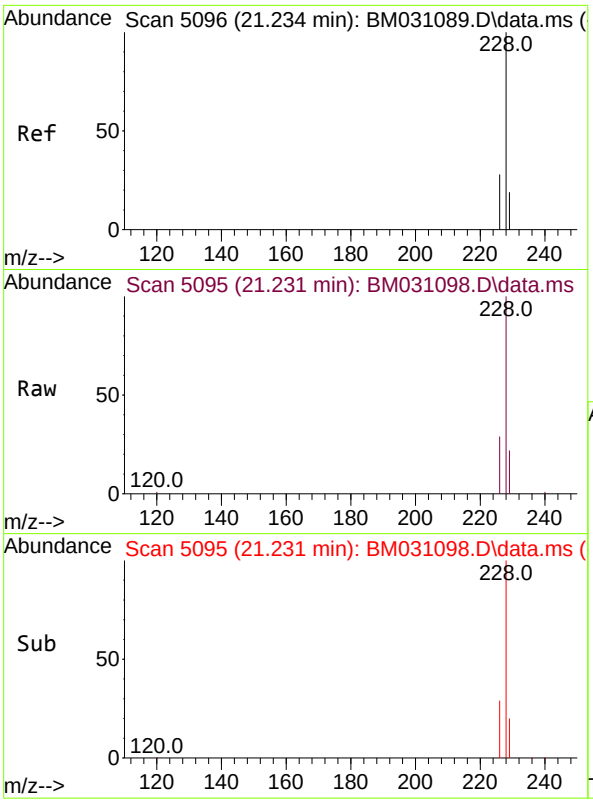
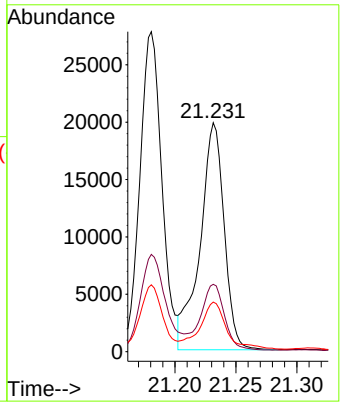
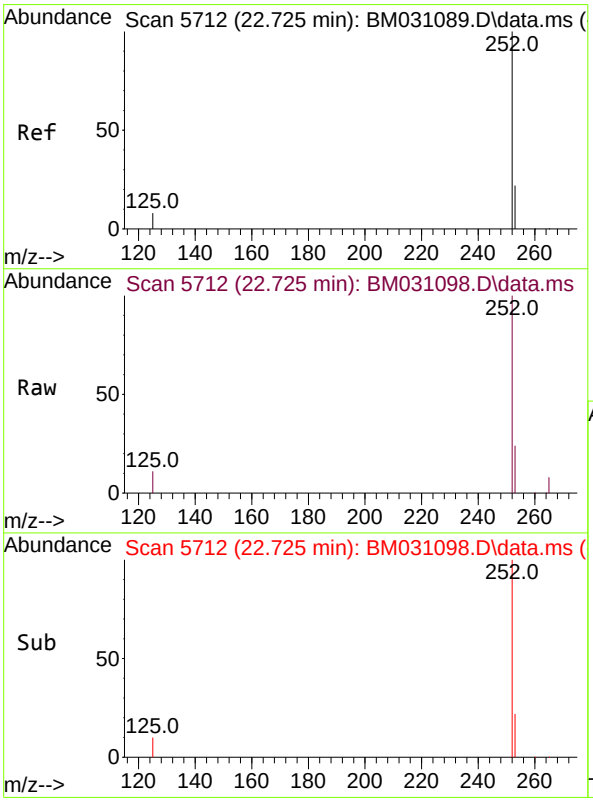


#22
Chrysene
Concen: 0.86 ng/ul
RT: 21.231 min Scan# 5095
Delta R.T. -0.002 min
Lab File: BM031098.D
Acq: 23 Jul 2021 19:58

Tgt Ion:228 Resp: 27241

Ion	Ratio	Lower	Upper
228	100		
226	29.5	24.5	36.7
229	21.6	15.8	23.8

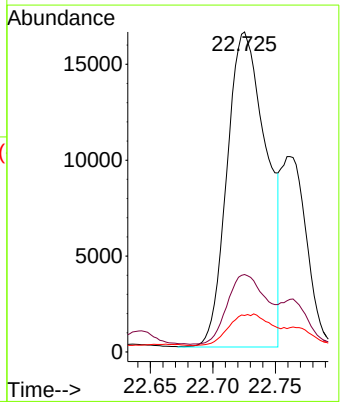




#24
Benzo(b)fluoranthene
Concen: 1.19 ng/ul m
RT: 22.725 min Scan# 5712
Delta R.T. 0.000 min
Lab File: BM031098.D
Acq: 23 Jul 2021 19:58

Tgt Ion:252 Resp: 35941

Ion	Ratio	Lower	Upper
252	100		
253	24.2	0.0	52.8
125	11.4	0.0	20.2



Instrument :
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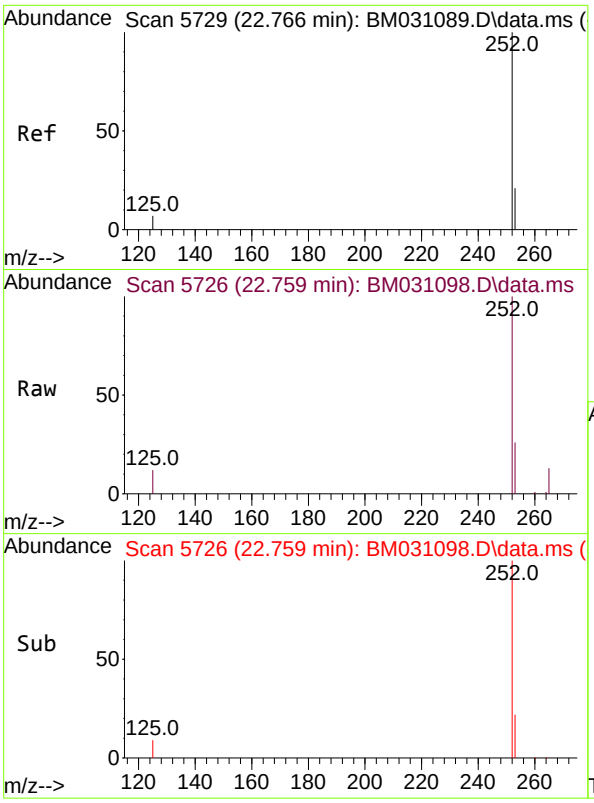
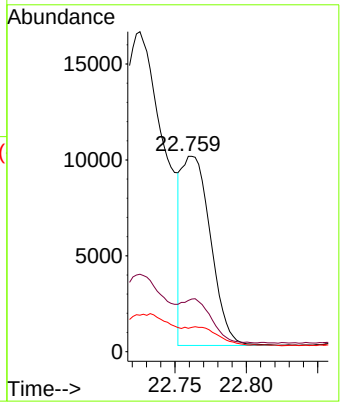
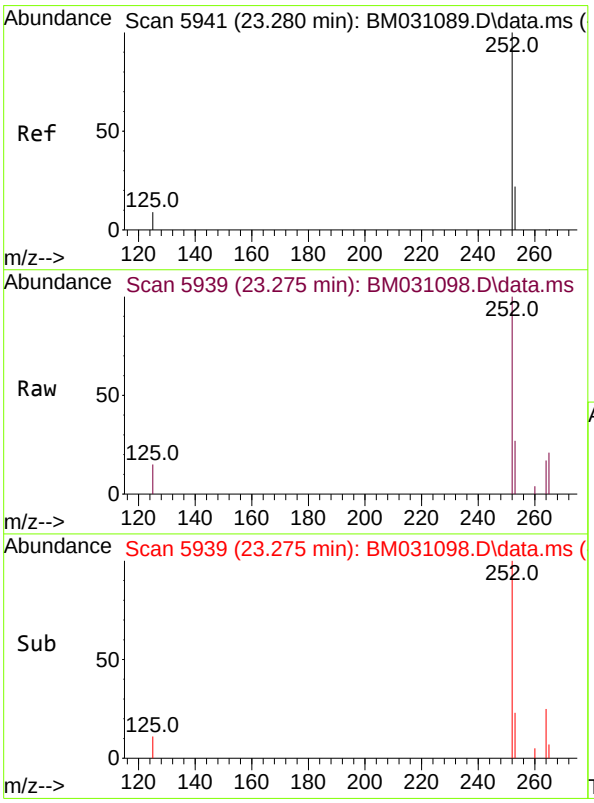


#25
Benzo(k)fluoranthene
Concen: 0.46 ng/ul m
RT: 22.759 min Scan# 5726
Delta R.T. -0.007 min
Lab File: BM031098.D
Acq: 23 Jul 2021 19:58

Tgt Ion:252 Resp: 14022

Ion	Ratio	Lower	Upper
252	100		
253	26.2	21.6	32.4
125	11.9	8.6	13.0

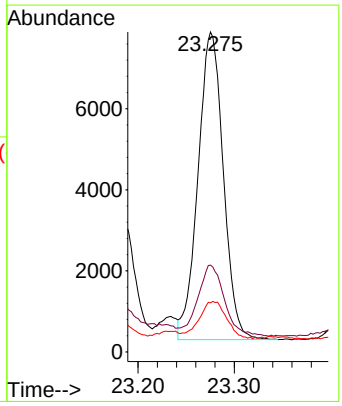




#26
Benzo(a)pyrene
Concen: 0.53 ng/ul
RT: 23.275 min Scan# 5939
Delta R.T. -0.005 min
Lab File: BM031098.D
Acq: 23 Jul 2021 19:58

Tgt Ion:252 Resp: 13863

Ion	Ratio	Lower	Upper
252	100		
253	27.2	23.1	34.7
125	15.4	10.7	16.1



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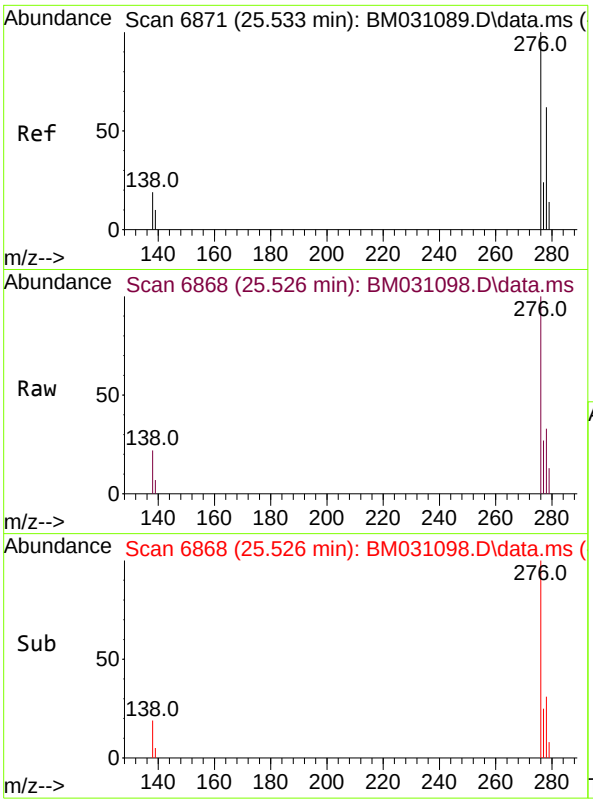
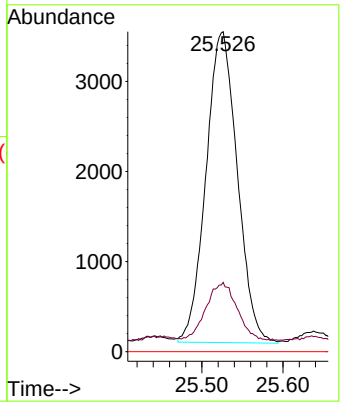
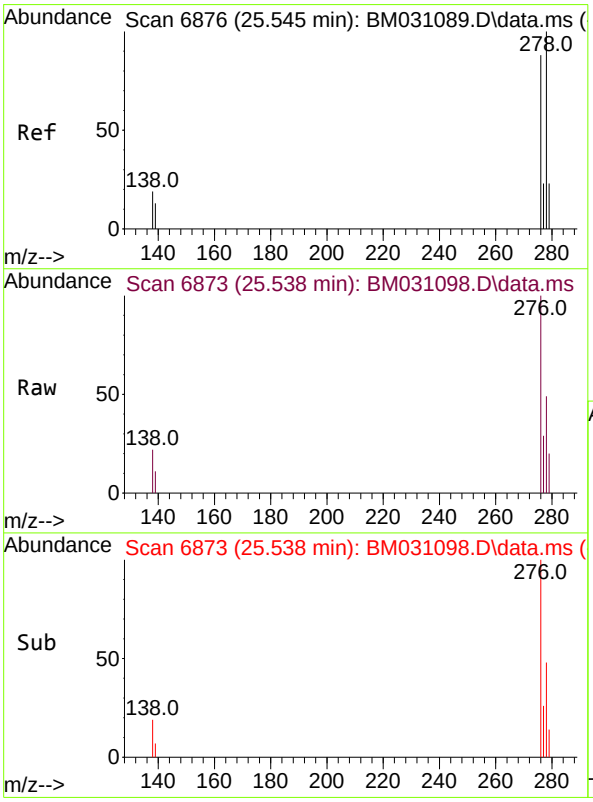


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.27 ng/ul
RT: 25.526 min Scan# 6868
Delta R.T. -0.007 min
Lab File: BM031098.D
Acq: 23 Jul 2021 19:58

Tgt Ion:276 Resp: 9259

Ion	Ratio	Lower	Upper
276	100		
138	18.9	15.4	23.0
227	0.0	0.0	0.0

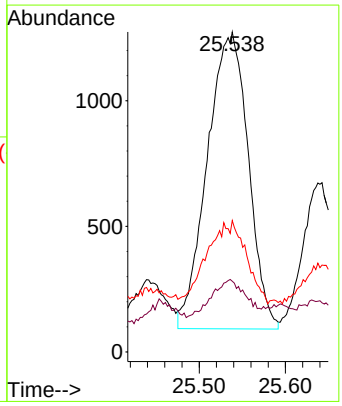




#28
Dibenzo(a,h)anthracene
Concen: 0.14 ng/ul
RT: 25.538 min Scan# 6873
Delta R.T. -0.007 min
Lab File: BM031098.D
Acq: 23 Jul 2021 19:58

Tgt Ion:278 Resp: 3906

Ion	Ratio	Lower	Upper
278	100		
139	22.1	12.6	18.8#
279	41.1	22.6	34.0#



Instrument :
BNA_M
ClientSampleId :
BGEA5

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