Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080521\
Data File : BM031486.D
Acq On : 05 Aug 2021 16:58
Operator : CG/JU
Sample : M3122-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGER2

Manual Integrations APPROVED
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8/6/2021 2:49:05 PM

Quant Time: Aug 05 17:40:31 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 : Thu Aug 05 16:58:46 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.591	152	1116	0.400	ng/ul		0.00
4) Naphthalene-d8	10.352	136	4568	0.400	ng/ul		0.00
9) Acenaphthene-d10	14.220	164	2773	0.400	ng/ul		0.00
13) Phenanthrene-d10	16.972	188	5329	0.400	ng/ul	#	0.00
17) Chrysene-d12	21.164	240	4408	0.400	ng/ul		0.00
23) Perylene-d12	23.324	264	3984	0.400	ng/ul		0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.189	96	2549	2.057	ng/ul		0.00
6) 2-Methylnaphthalene-d10	11.949	152	1198	0.156	ng/ul		0.00
18) Fluoranthene-d10	19.001	212	2346	0.159	ng/ul		0.00
Target Compounds							Qvalue
5) Naphthalene	10.402	128	1337	0.098	ng/ul	#	91
7) 2-Methylnaphthalene	12.021	142	235	0.025	ng/ul		94
10) Acenaphthylene	13.941	152	2532	0.214	ng/ul		96
11) Acenaphthene	14.285	153	584	0.059	ng/ul		96
12) Fluorene	15.274	166	1776	0.155	ng/ul	#	97
15) Phenanthrene	17.010	178	38727	2.289	ng/ul		98
16) Anthracene	17.100	178	21140	1.334	ng/ul		98
19) Fluoranthene	19.032	202	111670	5.933	ng/ul		100
20) Pyrene	19.394	202	58385	3.058	ng/ul		98
21) Benzo(a)anthracene	21.147	228	68802	3.865	ng/ul		97
22) Chrysene	21.200	228	55655	3.022	ng/ul		98
24) Benzo(b)fluoranthene	22.682	252	63120m	3.516	ng/ul		
25) Benzo(k)fluoranthene	22.721	252	27574m	1.487	ng/ul		
26) Benzo(a)pyrene	23.227	252	18697	1.189	ng/ul		97
27) Indeno(1,2,3-cd)pyrene	25.459	276	14166	0.697	ng/ul	#	97
28) Dibenzo(a,h)anthracene	25.468	278	7221	0.441	ng/ul		91

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

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080521\
Data File : BM031486.D
Acq On : 05 Aug 2021 16:58
Operator : CG/JU
Sample : M3122-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Aug 05 17:40:31 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 : Thu Aug 05 16:58:46 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
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Manual Integrations APPROVED
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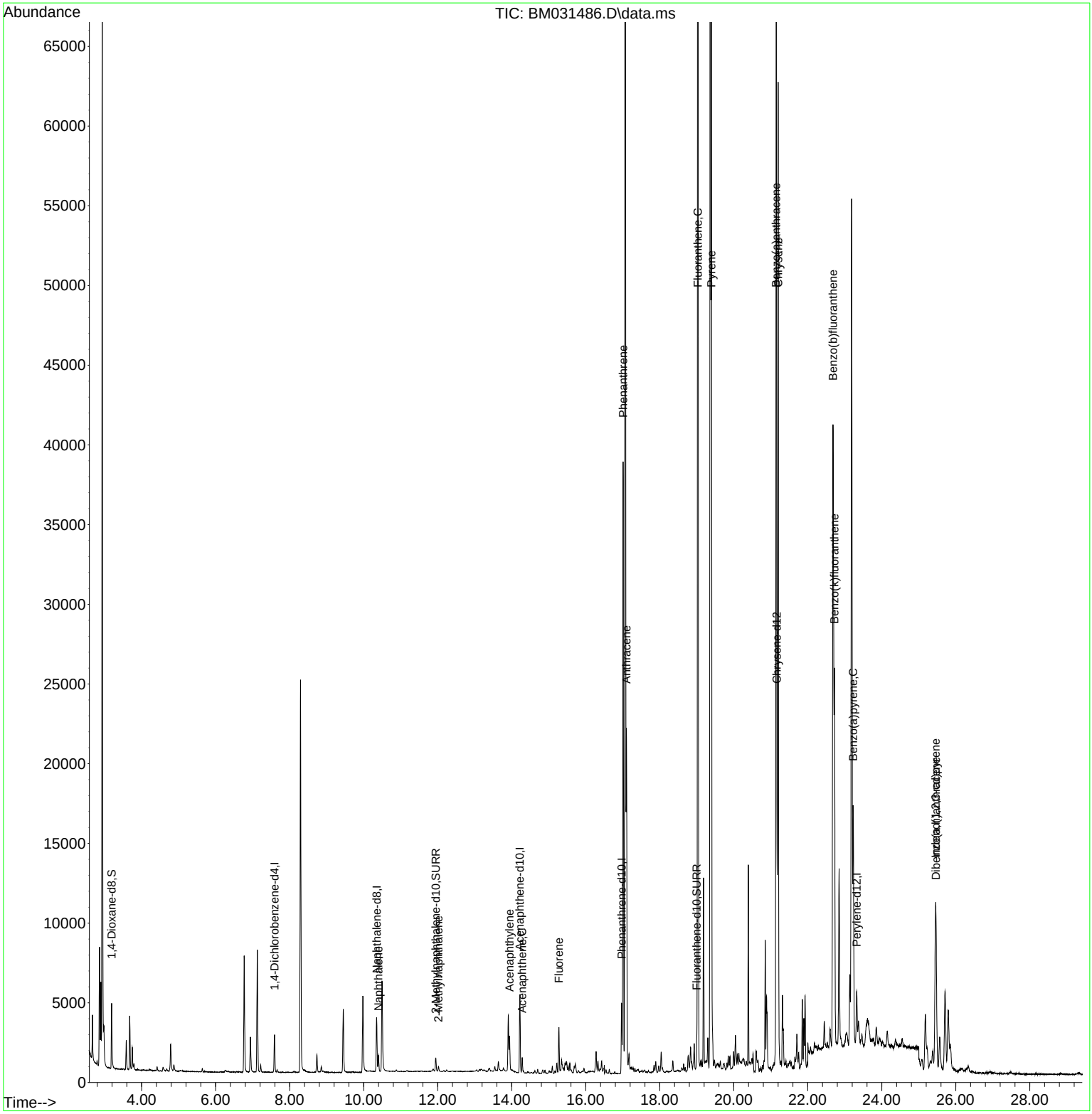
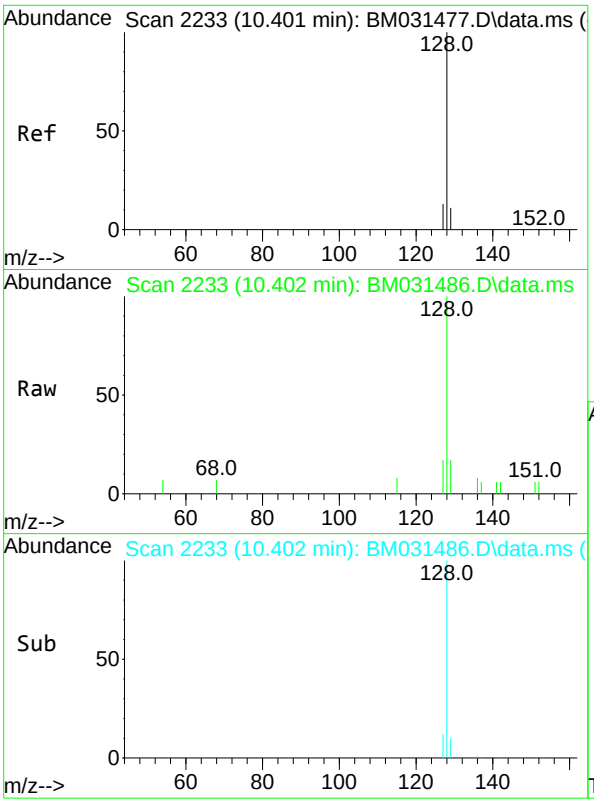
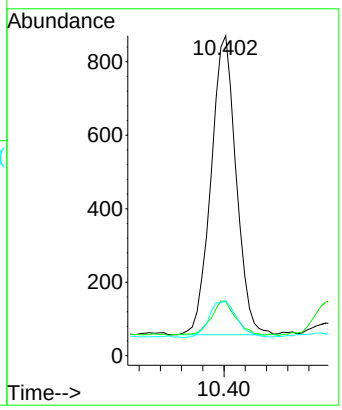




#5
Naphthalene
Concen: 0.098 ng/ul
RT: 10.402 min Scan# 2233
Delta R.T. 0.000 min
Lab File: BM031486.D
Acq: 05 Aug 2021 16:58

Tgt Ion:128 Resp: 1337

Ion	Ratio	Lower	Upper
128	100		
129	17.0	10.0	15.0#
127	17.2	11.6	17.4



Instrument :
BNA_M
ClientSampleId :
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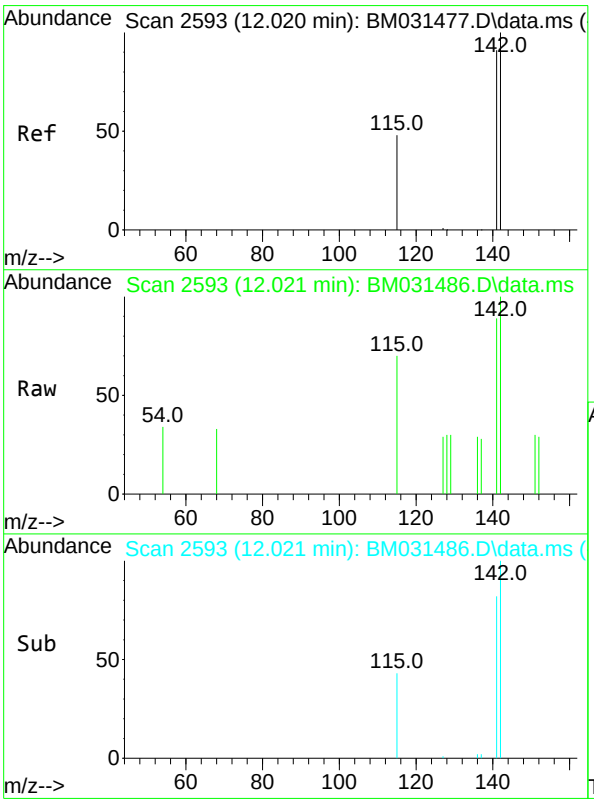
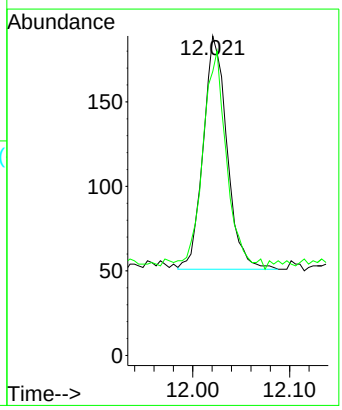
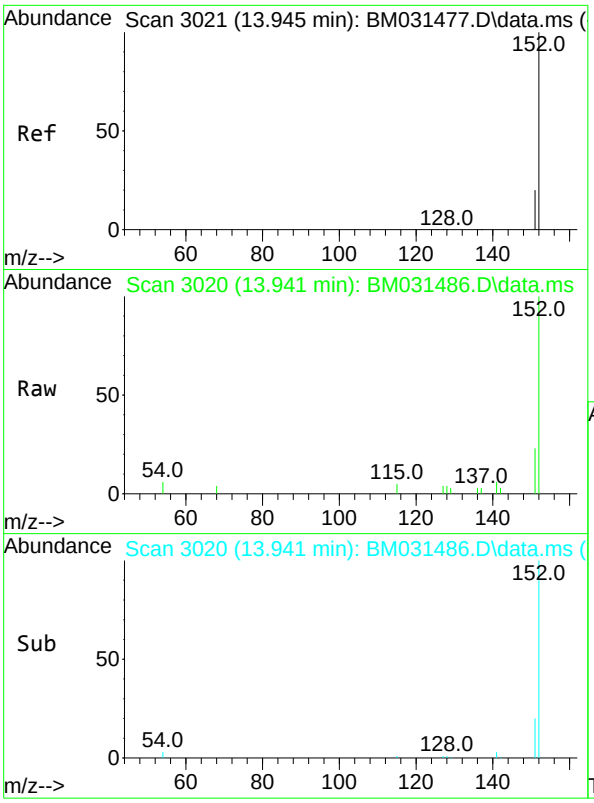


#7
2-Methylnaphthalene
Concen: 0.025 ng/ul
RT: 12.021 min Scan# 2593
Delta R.T. 0.000 min
Lab File: BM031486.D
Acq: 05 Aug 2021 16:58

Tgt Ion:142 Resp: 235

Ion	Ratio	Lower	Upper
142	100		
141	94.9	71.4	107.0

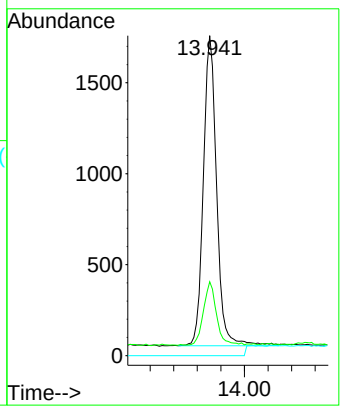




#10
Acenaphthylene
Concen: 0.214 ng/ul
RT: 13.941 min Scan# 3020
Delta R.T. -0.004 min
Lab File: BM031486.D
Acq: 05 Aug 2021 16:58

Tgt Ion:152 Resp: 2532

Ion	Ratio	Lower	Upper
152	100		
151	23.1	16.9	25.3
153	0.0	0.0	0.0



Instrument :
BNA_M
ClientSampleId :
BGER2

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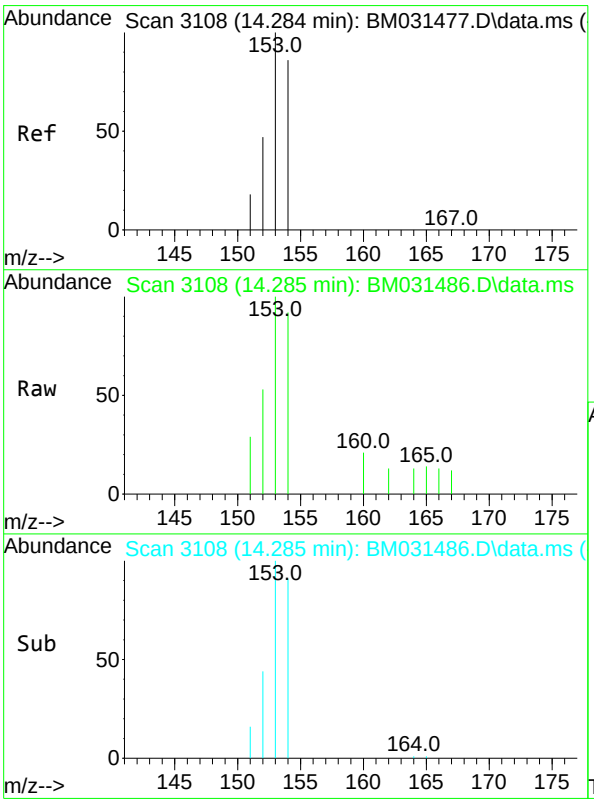
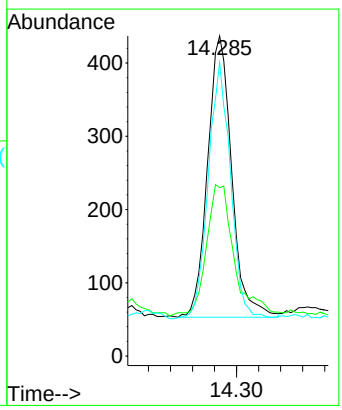
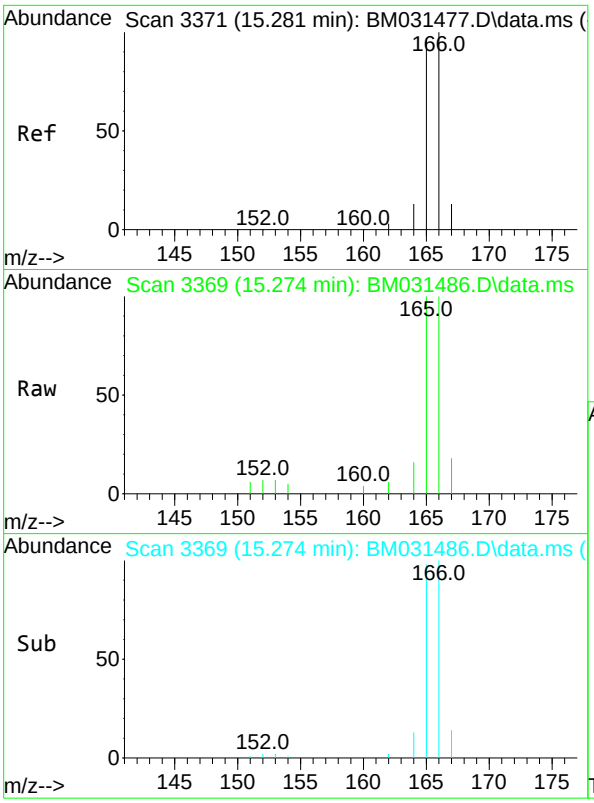


#11
Acenaphthene
Concen: 0.059 ng/ul
RT: 14.285 min Scan# 3108
Delta R.T. 0.000 min
Lab File: BM031486.D
Acq: 05 Aug 2021 16:58

Tgt Ion:153 Resp: 584

Ion	Ratio	Lower	Upper
153	100		
152	52.6	40.7	61.1
154	91.8	70.2	105.2

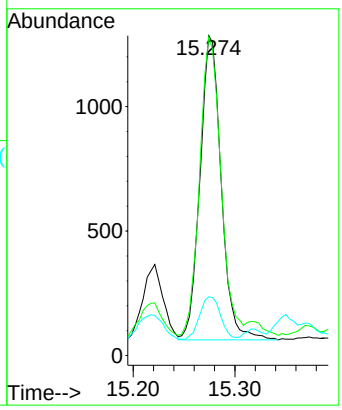




#12
Fluorene
Concen: 0.155 ng/ul
RT: 15.274 min Scan# 3369
Delta R.T. -0.007 min
Lab File: BM031486.D
Acq: 05 Aug 2021 16:58

Tgt Ion:166 Resp: 1776

Ion	Ratio	Lower	Upper
166	100		
165	99.6	78.0	117.0
167	18.4	12.0	18.0#



Instrument :
BNA_M
ClientSampleId :
BGER2

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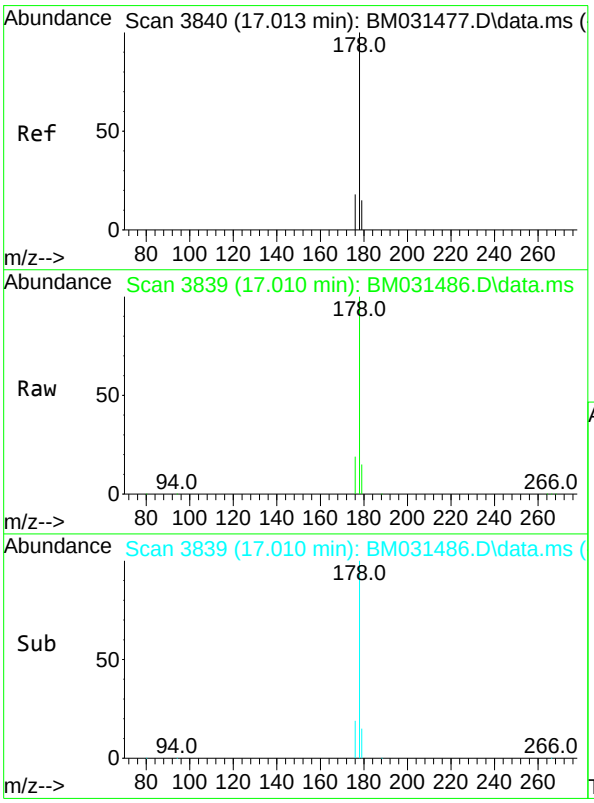
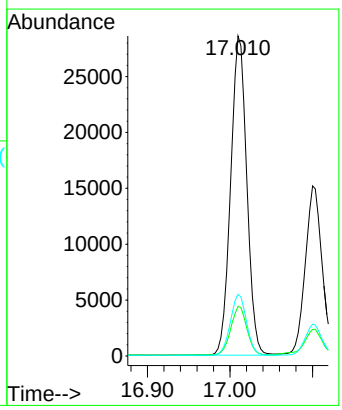
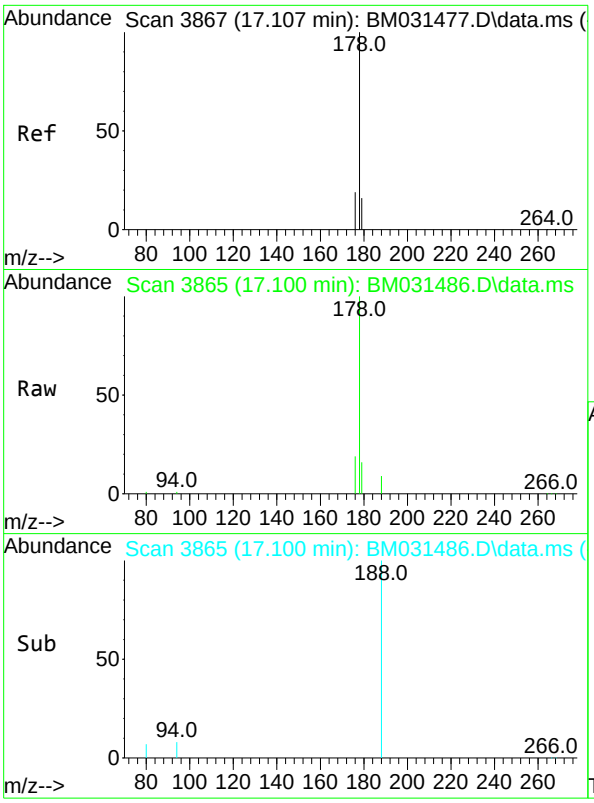


#15
Phenanthrene
Concen: 2.289 ng/ul
RT: 17.010 min Scan# 3839
Delta R.T. -0.003 min
Lab File: BM031486.D
Acq: 05 Aug 2021 16:58

Tgt Ion:178 Resp: 38727

Ion	Ratio	Lower	Upper
178	100		
179	15.5	13.3	19.9
176	19.3	16.2	24.4

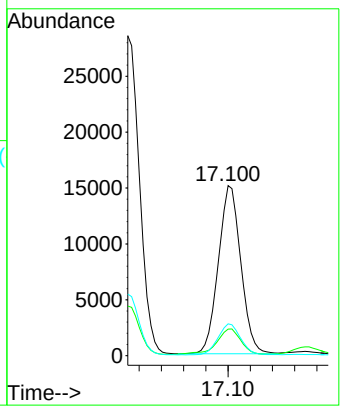




#16
Anthracene
Concen: 1.334 ng/ul
RT: 17.100 min Scan# 3865
Delta R.T. -0.007 min
Lab File: BM031486.D
Acq: 05 Aug 2021 16:58

Tgt Ion:178 Resp: 21140

Ion	Ratio	Lower	Upper
178	100		
179	15.6	13.0	19.6
176	18.7	15.6	23.4



Instrument :
BNA_M
ClientSampleId :
BGER2

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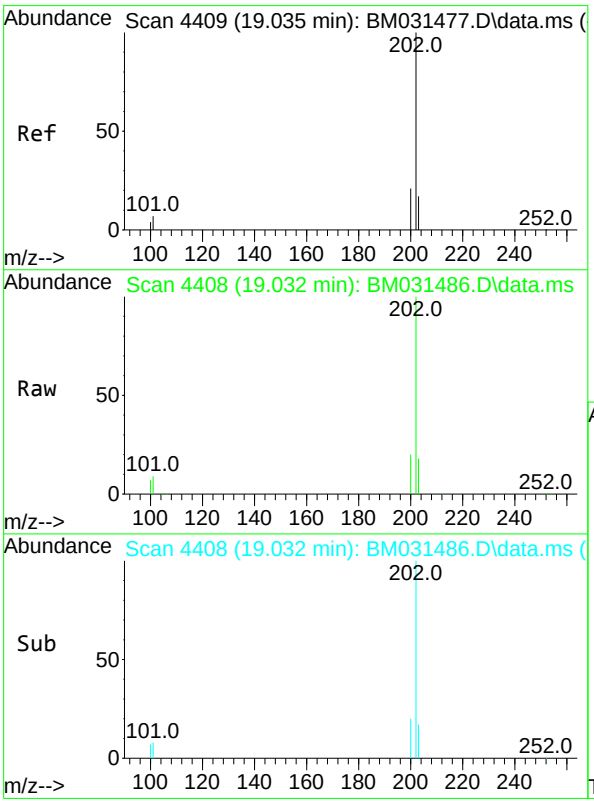
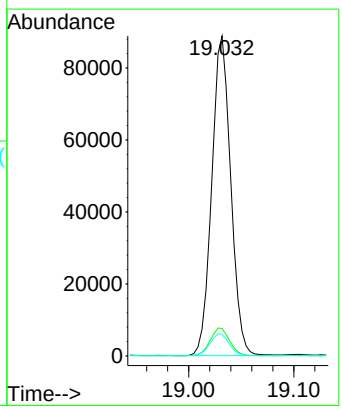
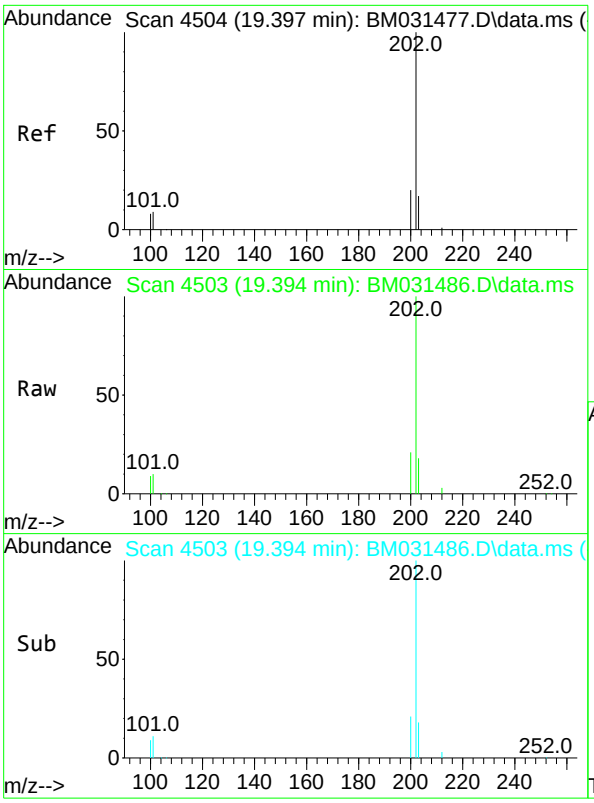


#19
Fluoranthene
Concen: 5.933 ng/ul
RT: 19.032 min Scan# 4408
Delta R.T. -0.003 min
Lab File: BM031486.D
Acq: 05 Aug 2021 16:58

Tgt Ion:202 Resp: 111670

Ion	Ratio	Lower	Upper
202	100		
101	8.5	6.6	10.0
100	6.7	5.4	8.0

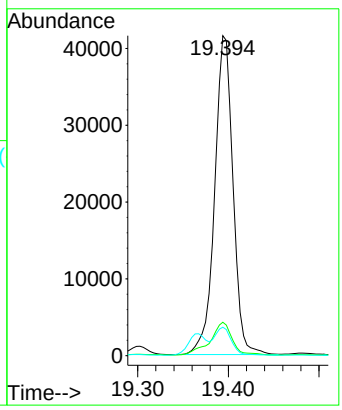




#20
Pyrene
Concen: 3.058 ng/ul
RT: 19.394 min Scan# 4503
Delta R.T. -0.003 min
Lab File: BM031486.D
Acq: 05 Aug 2021 16:58

Tgt Ion:202 Resp: 58385

Ion	Ratio	Lower	Upper
202	100		
101	10.4	7.8	11.6
100	8.9	6.6	10.0



Instrument :
BNA_M
ClientSampleId :
BGER2

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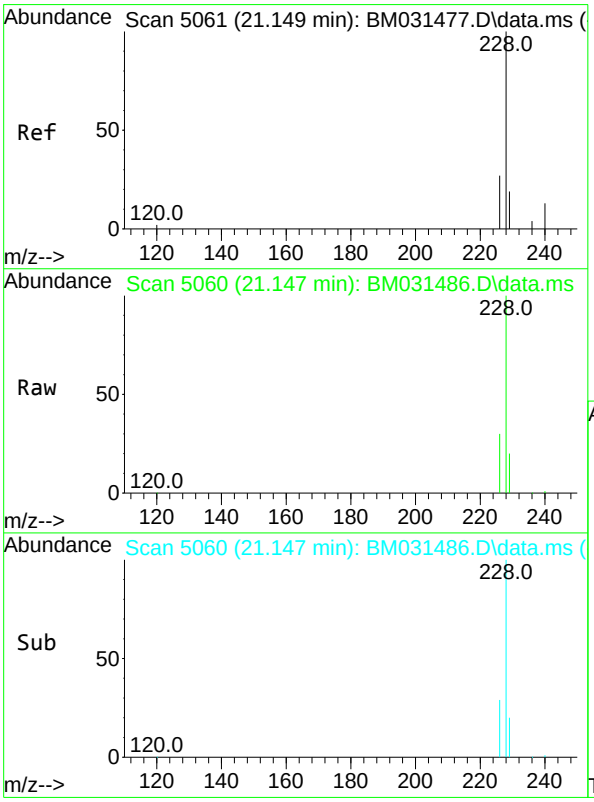
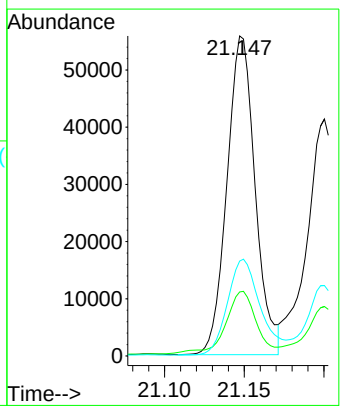
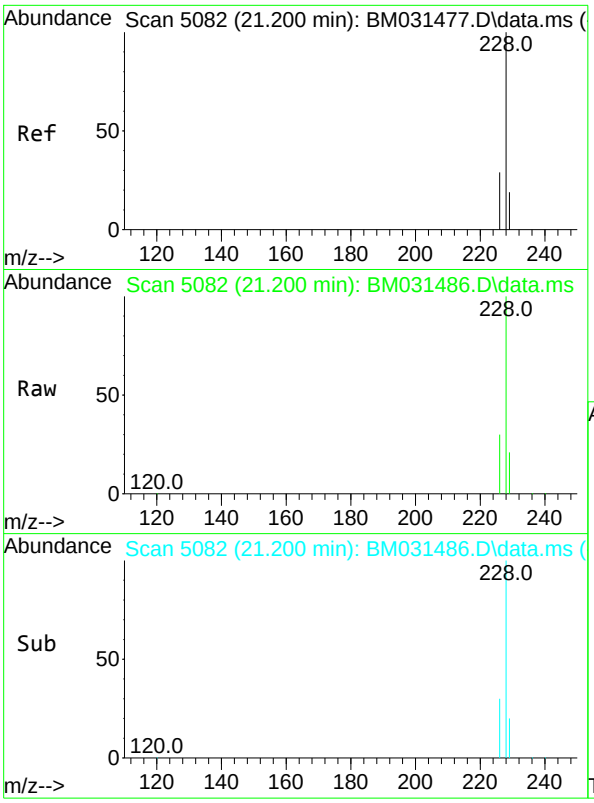


#21
Benzo(a)anthracene
Concen: 3.865 ng/ul
RT: 21.147 min Scan# 5060
Delta R.T. -0.002 min
Lab File: BM031486.D
Acq: 05 Aug 2021 16:58

Tgt Ion:228 Resp: 68802

Ion	Ratio	Lower	Upper
228	100		
229	20.0	15.6	23.4
226	29.7	21.7	32.5

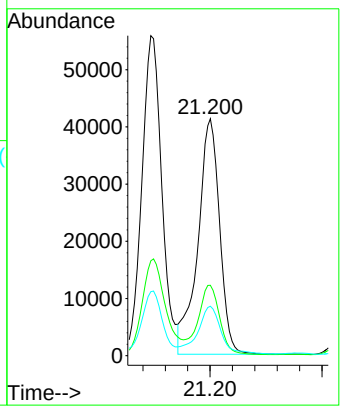




#22
Chrysene
Concen: 3.022 ng/ul
RT: 21.200 min Scan# 5082
Delta R.T. 0.000 min
Lab File: BM031486.D
Acq: 05 Aug 2021 16:58

Tgt Ion:228 Resp: 55655

Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.7	37.1
229	20.9	16.2	24.2



Instrument :
BNA_M
ClientSampleId :
BGER2

Manual Integrations APPROVED
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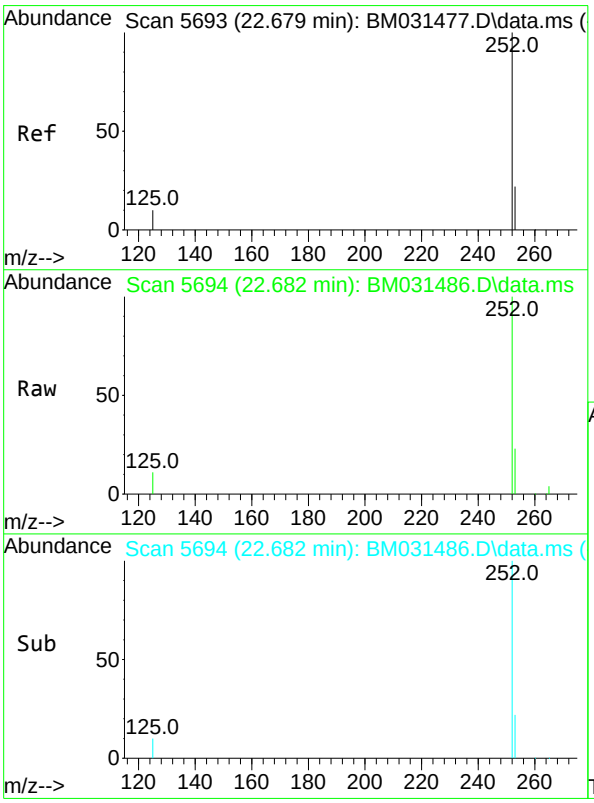
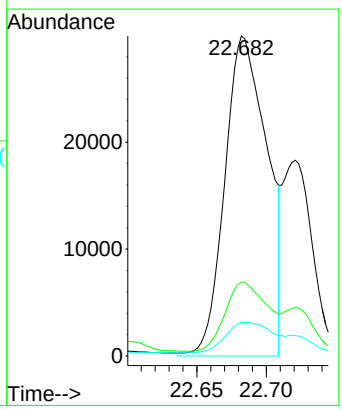
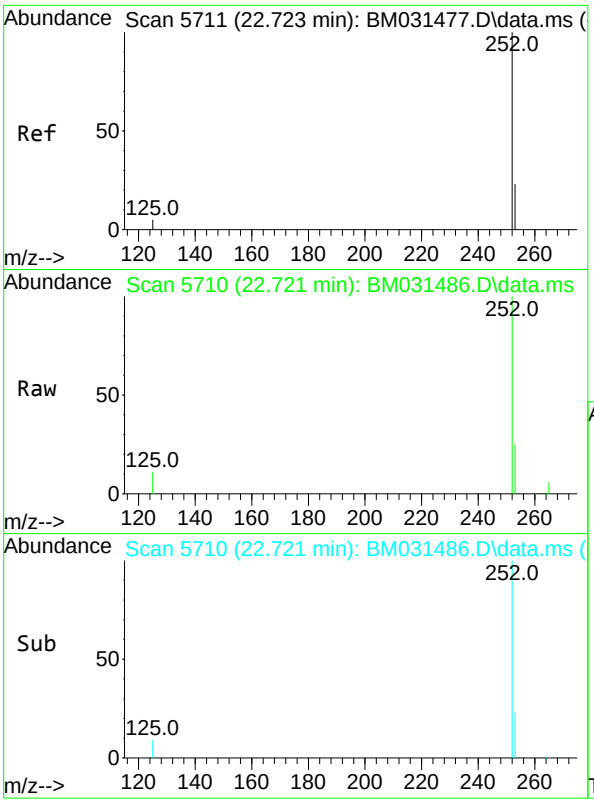


#24
Benzo(b)fluoranthene
Concen: 3.516 ng/ul m
RT: 22.682 min Scan# 5694
Delta R.T. 0.003 min
Lab File: BM031486.D
Acq: 05 Aug 2021 16:58

Tgt Ion:252 Resp: 63120

Ion	Ratio	Lower	Upper
252	100		
253	23.2	0.0	53.0
125	10.5	0.0	22.8

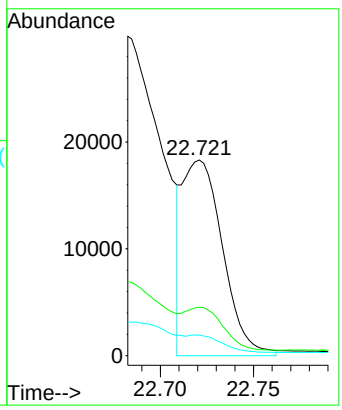




#25
Benzo(k)fluoranthene
Concen: 1.487 ng/ul m
RT: 22.721 min Scan# 5710
Delta R.T. -0.002 min
Lab File: BM031486.D
Acq: 05 Aug 2021 16:58

Tgt Ion:252 Resp: 27574

Ion	Ratio	Lower	Upper
252	100		
253	24.7	21.3	31.9
125	10.5	8.8	13.2



Instrument :
BNA_M
ClientSampleId :
BGER2

Manual Integrations APPROVED
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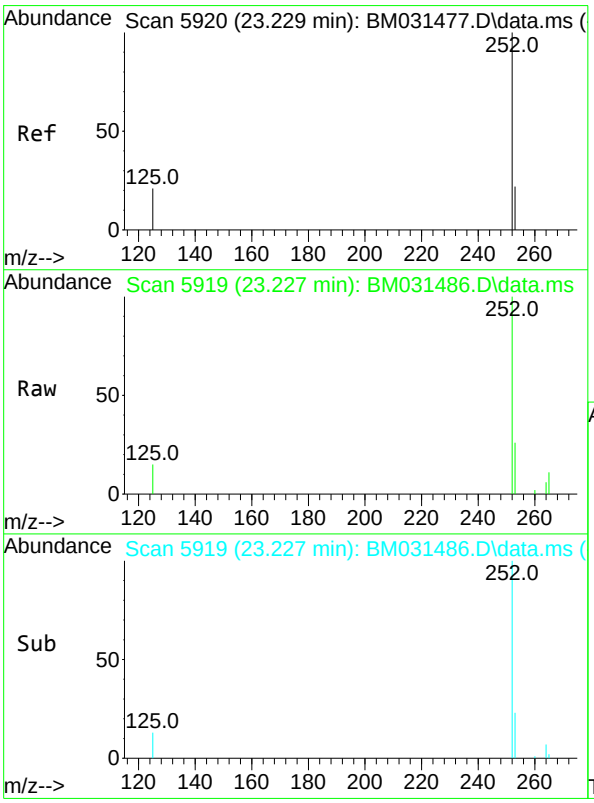
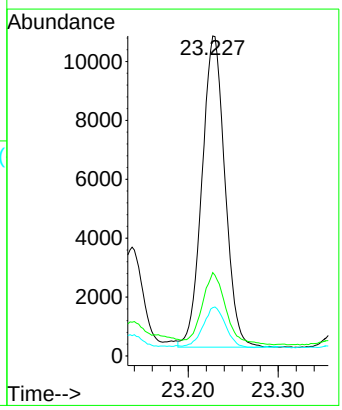
8/6/2021 2:49:05 PM

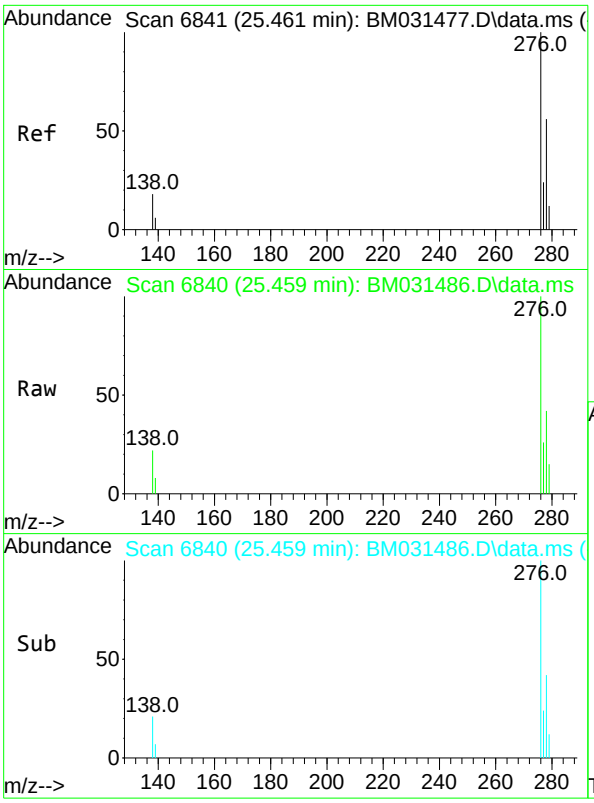


#26
Benzo(a)pyrene
Concen: 1.189 ng/ul
RT: 23.227 min Scan# 5919
Delta R.T. -0.002 min
Lab File: BM031486.D
Acq: 05 Aug 2021 16:58

Tgt Ion:252 Resp: 18697

Ion	Ratio	Lower	Upper
252	100		
253	26.0	22.4	33.6
125	15.1	13.0	19.4

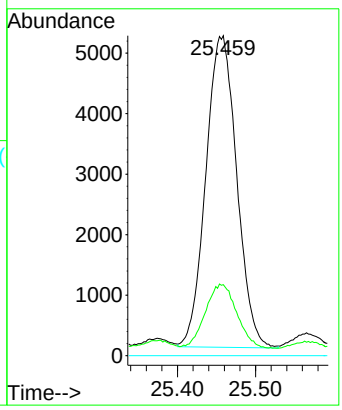


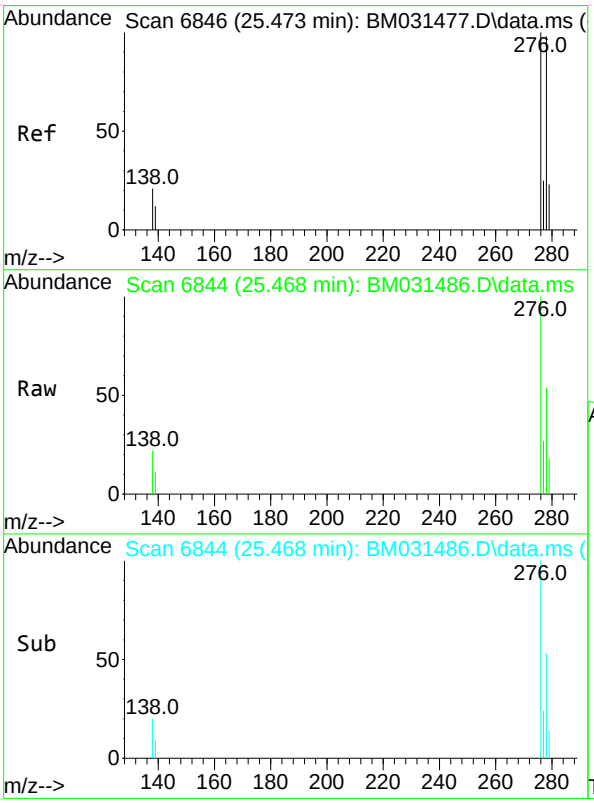


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.697 ng/ul
RT: 25.459 min Scan# 6840
Delta R.T. -0.002 min
Lab File: BM031486.D
Acq: 05 Aug 2021 16:58

Tgt Ion:276 Resp: 14166

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

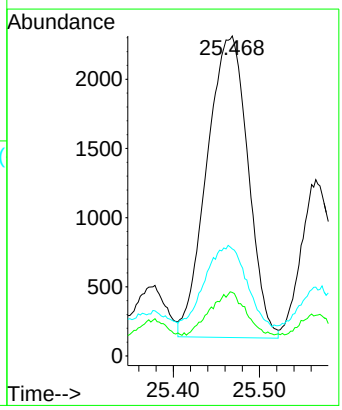




#28
Dibenzo(a,h)anthracene
Concen: 0.441 ng/ul
RT: 25.468 min Scan# 6844
Delta R.T. -0.004 min
Lab File: BM031486.D
Acq: 05 Aug 2021 16:58

Tgt Ion:278 Resp: 7221

Ion	Ratio	Lower	Upper
278	100		
139	19.9	13.3	19.9
279	33.5	22.8	34.2



Instrument :
BNA_M
ClientSampleId :
BGER2

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