Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072221\
Data File : BM031061.D
Acq On : 22 Jul 2021 11:37
Operator : CG/JU
Sample : M2971-16
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGEA2

Manual Integrations APPROVED
mohammad
7/22/2021 1:30:54 PM

Quant Time: Jul 22 12:39:39 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 : Thu Jul 22 11:33:47 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.639	152	1148	0.400	ng/ul	0.00
4) Naphthalene-d8	10.401	136	4640	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.265	164	3228	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.009	188	7173	0.400	ng/ul	0.00
17) Chrysene-d12	21.200	240	8048	0.400	ng/ul	0.00
23) Perylene-d12	23.375	264	8323	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.213	96	2122	1.760	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.993	152	1405	0.172	ng/ul	0.00
18) Fluoranthene-d10	19.039	212	4762	0.194	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.244	88	34	0.029	ng/ul#	75
5) Naphthalene	10.451	128	3738	0.270	ng/ul	99
7) 2-Methylnaphthalene	12.070	142	622	0.062	ng/ul	96
8) 1-Methylnaphthalene	12.290	142	350	0.036	ng/ul	97
10) Acenaphthylene	13.986	152	5175	0.392	ng/ul	97
11) Acenaphthene	14.326	153	2702	0.232	ng/ul	99
12) Fluorene	15.319	166	3843	0.280	ng/ul	99
14) Pentachlorophenol	16.662	266	126	0.051	ng/ul	98
15) Phenanthrene	17.051	178	58765	2.580	ng/ul	99
16) Anthracene	17.141	178	37571	1.760	ng/ul	97
19) Fluoranthene	19.069	202	253141	7.813	ng/ul	98
20) Pyrene	19.435	202	188203	5.690	ng/ul	99
21) Benzo(a)anthracene	21.183	228	181388	5.643	ng/ul	95
22) Chrysene	21.234	228	149920	4.309	ng/ul	98
24) Benzo(b)fluoranthene	22.728	252	202467m	5.174	ng/ul	
25) Benzo(k)fluoranthene	22.767	252	81640m	2.056	ng/ul	
26) Benzo(a)pyrene	23.280	252	110397	3.263	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	25.533	276	70916	1.600	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.543	278	24221	0.681	ng/ul	98
29) Benzo(g,h,i)perylene	26.192	276	3635	0.097	ng/ul#	74

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

Quantitation Report (QT Reviewed)

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Data File : BM031061.D
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Operator : CG/JU
Sample : M2971-16
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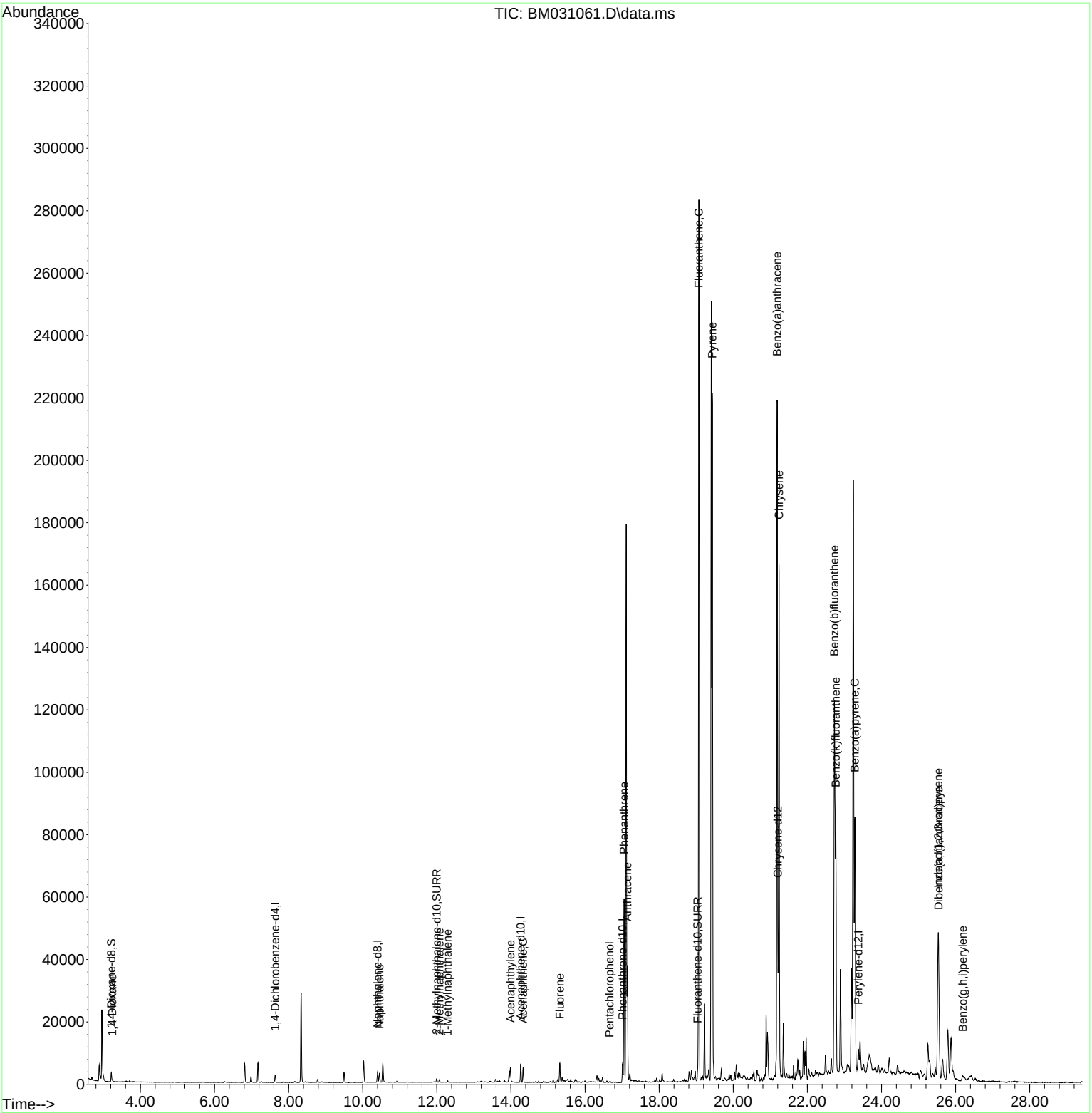
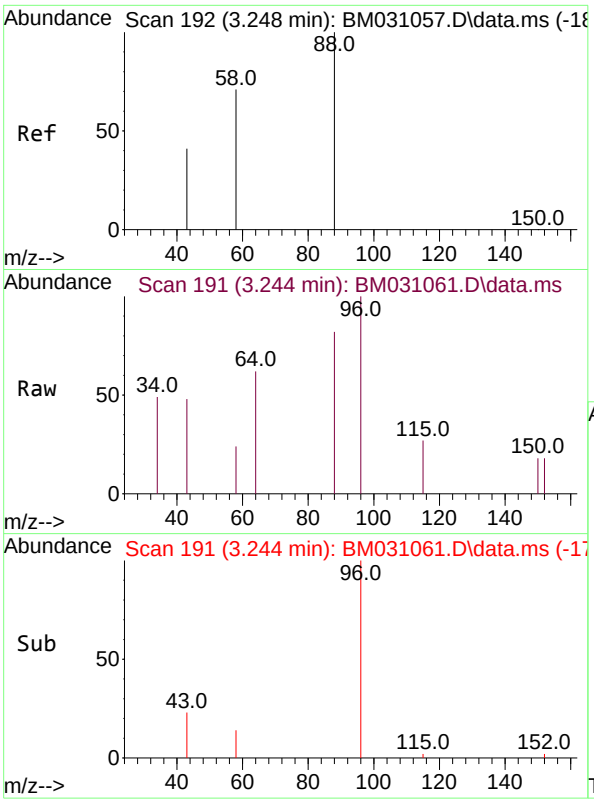
Quant Time: Jul 22 12:39:39 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 22 11:33:47 2021
Response via : Initial Calibration

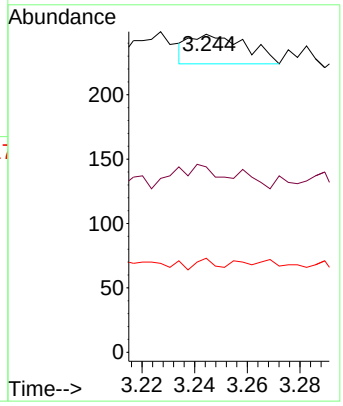




#2
1,4-Dioxane
Concen: 0.029 ng/ul
RT: 3.244 min Scan# 191
Delta R.T. -0.003 min
Lab File: BM031061.D
Acq: 22 Jul 2021 11:37

Tgt Ion: 88 Resp: 34

Ion	Ratio	Lower	Upper
88	100		
43	58.3	35.2	52.8#
58	29.6	39.1	58.7#



Instrument :
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ClientSampleId :
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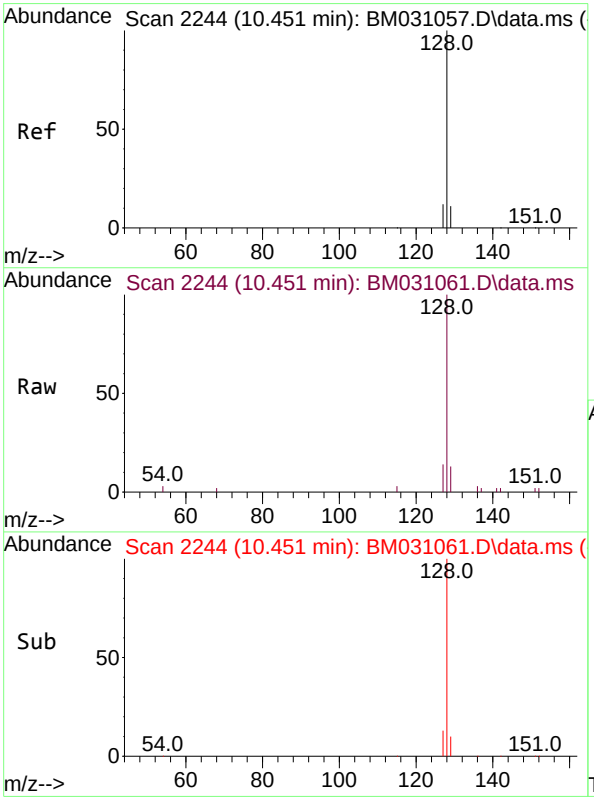
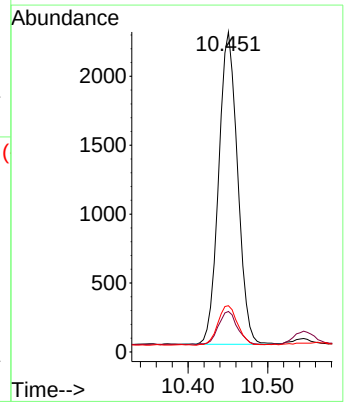
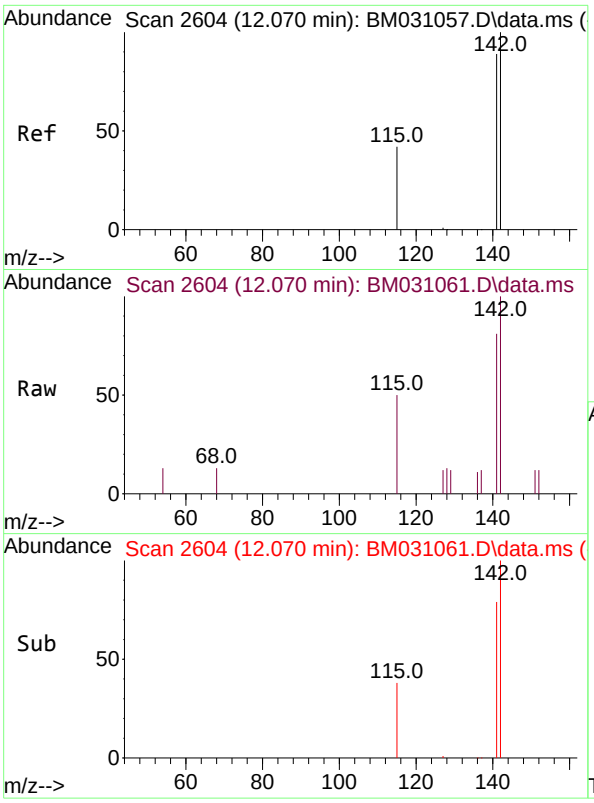


#5
Naphthalene
Concen: 0.270 ng/ul
RT: 10.451 min Scan# 2244
Delta R.T. 0.000 min
Lab File: BM031061.D
Acq: 22 Jul 2021 11:37

Tgt Ion:128 Resp: 3738

Ion	Ratio	Lower	Upper
128	100		
129	12.6	10.2	15.4
127	14.4	11.8	17.8

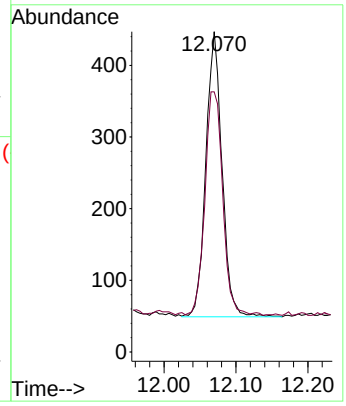




#7
2-Methylnaphthalene
Concen: 0.062 ng/ul
RT: 12.070 min Scan# 2604
Delta R.T. 0.000 min
Lab File: BM031061.D
Acq: 22 Jul 2021 11:37

Tgt Ion:142 Resp: 622

Ion	Ratio	Lower	Upper
142	100		
141	85.2	71.5	107.3



Instrument :
BNA_M
ClientSampleId :
BGEA2

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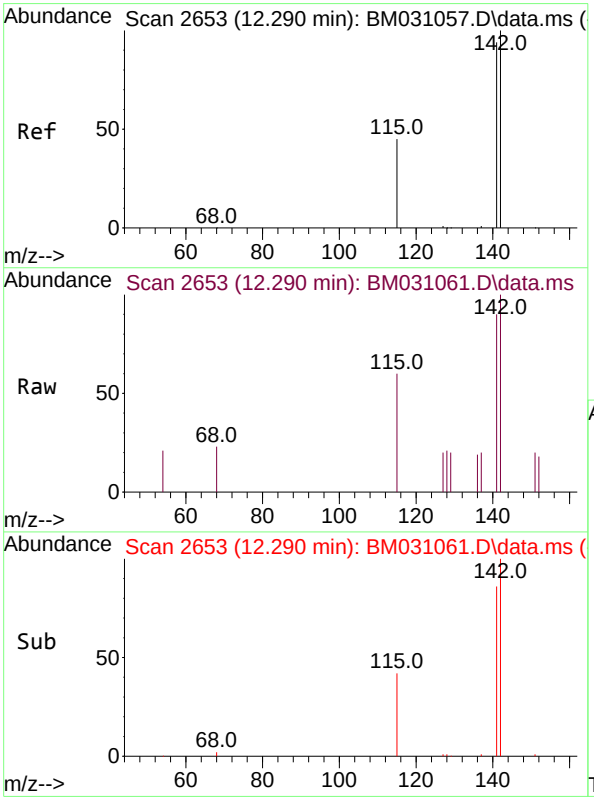
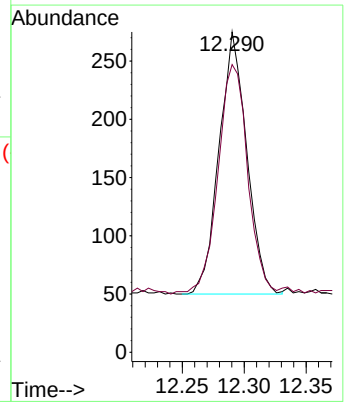
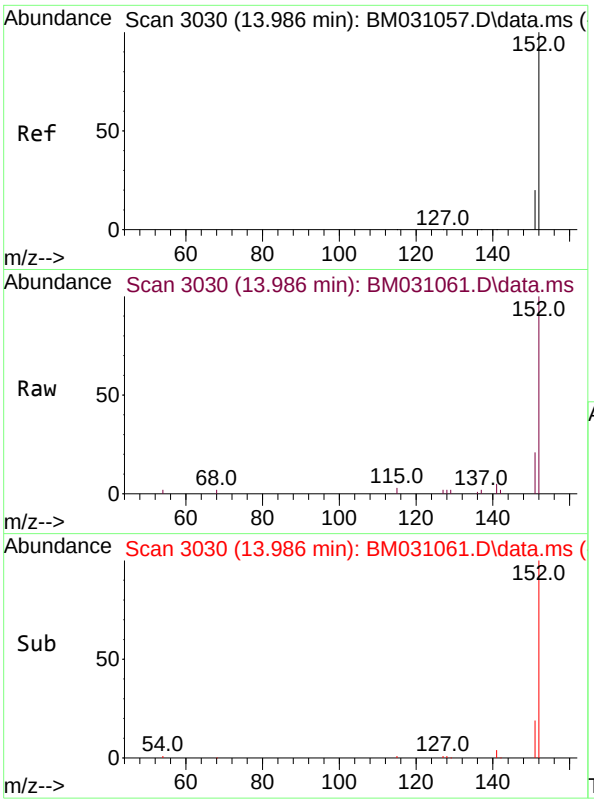


#8
1-Methylnaphthalene
Concen: 0.036 ng/ul
RT: 12.290 min Scan# 2653
Delta R.T. 0.000 min
Lab File: BM031061.D
Acq: 22 Jul 2021 11:37

Tgt Ion:142 Resp: 350

Ion	Ratio	Lower	Upper
142	100		
141	95.4	74.2	111.4

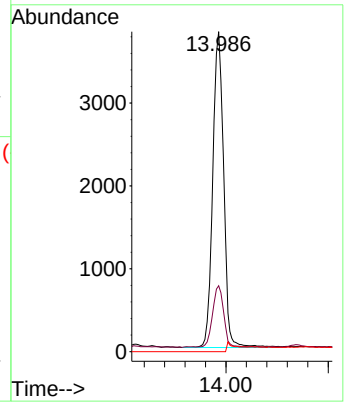


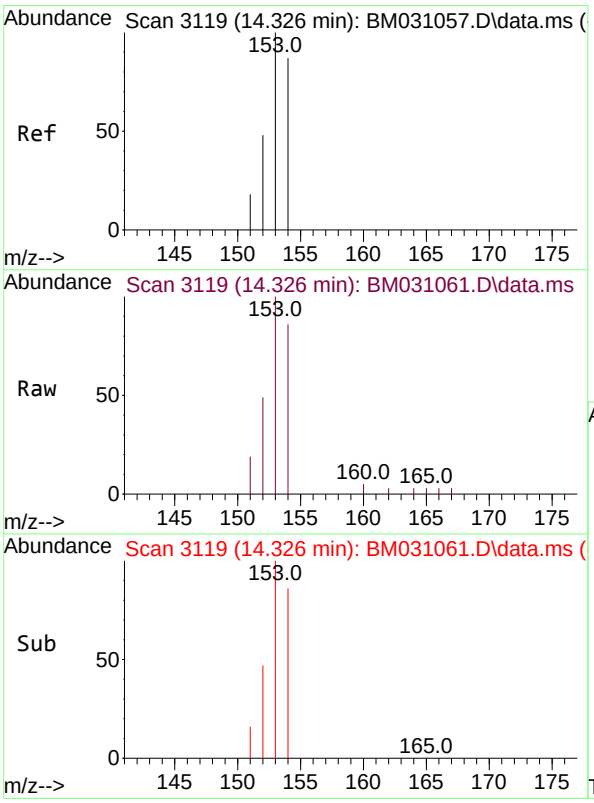


#10
Acenaphthylene
Concen: 0.392 ng/ul
RT: 13.986 min Scan# 3030
Delta R.T. 0.000 min
Lab File: BM031061.D
Acq: 22 Jul 2021 11:37

Tgt Ion:152 Resp: 5175

Ion	Ratio	Lower	Upper
152	100		
151	20.6	17.5	26.3
153	0.0	0.0	0.0

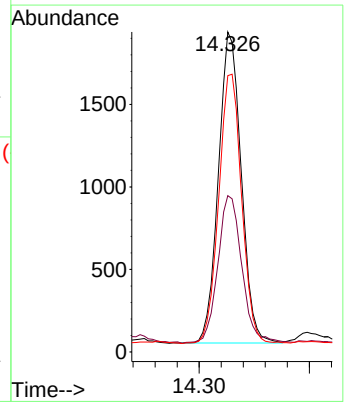




#11
Acenaphthene
Concen: 0.232 ng/ul
RT: 14.326 min Scan# 3119
Delta R.T. 0.000 min
Lab File: BM031061.D
Acq: 22 Jul 2021 11:37

Tgt Ion:153 Resp: 2702

Ion	Ratio	Lower	Upper
153	100		
152	48.8	39.4	59.2
154	86.3	68.2	102.4



Instrument :
BNA_M
ClientSampleId :
BGEA2

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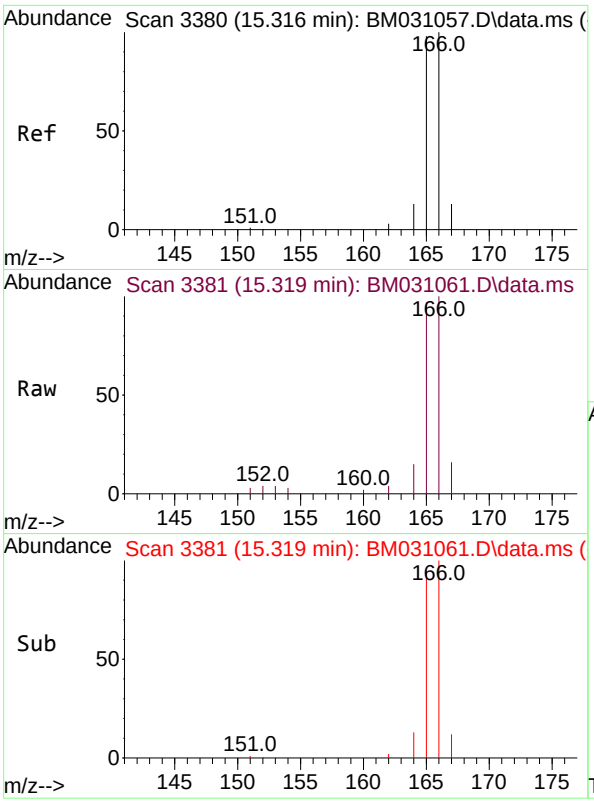
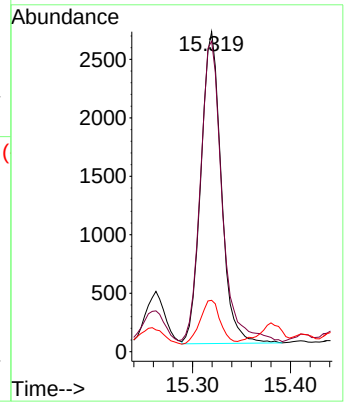


#12
Fluorene
Concen: 0.280 ng/ul
RT: 15.319 min Scan# 3381
Delta R.T. 0.004 min
Lab File: BM031061.D
Acq: 22 Jul 2021 11:37

Tgt Ion:166 Resp: 3843

Ion	Ratio	Lower	Upper
166	100		
165	97.0	78.2	117.2
167	16.0	12.3	18.5



Instrument :
BNA_M
ClientSampleId :
BGEA2

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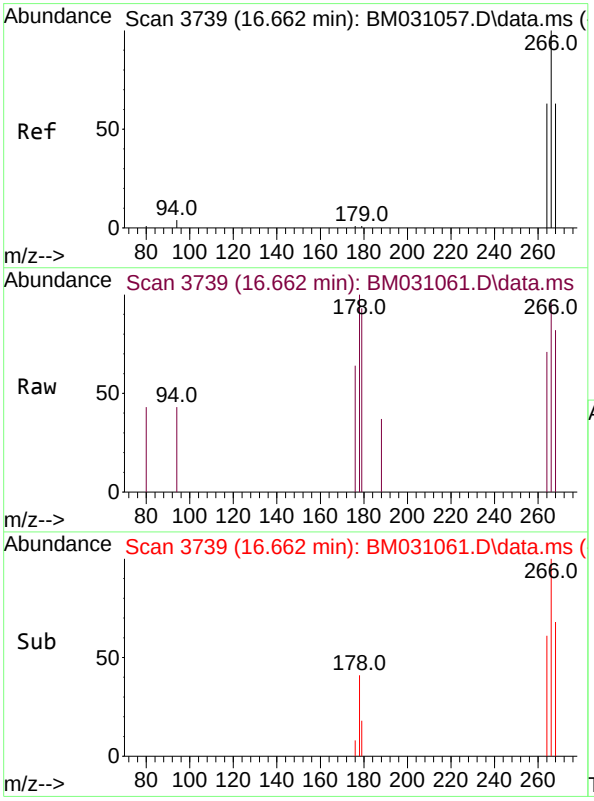
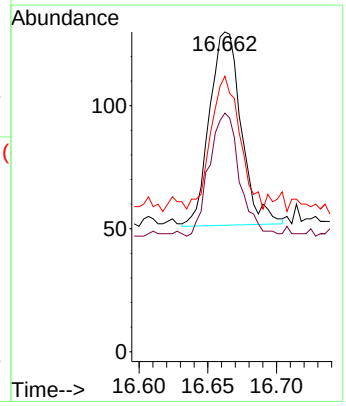
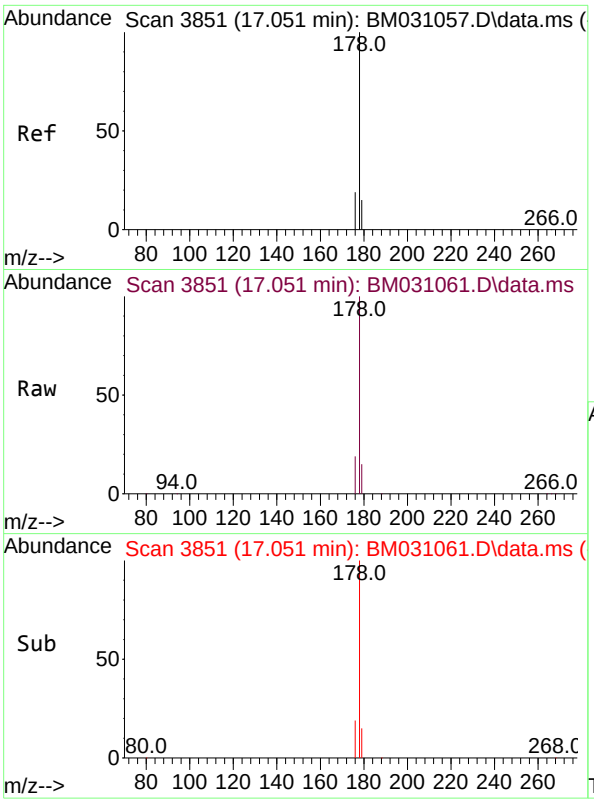


#14
Pentachlorophenol
Concen: 0.051 ng/ul
RT: 16.662 min Scan# 3739
Delta R.T. 0.000 min
Lab File: BM031061.D
Acq: 22 Jul 2021 11:37

Tgt Ion:266 Resp: 126

Ion	Ratio	Lower	Upper
266	100		
264	61.1	50.9	76.3
268	63.5	51.2	76.8

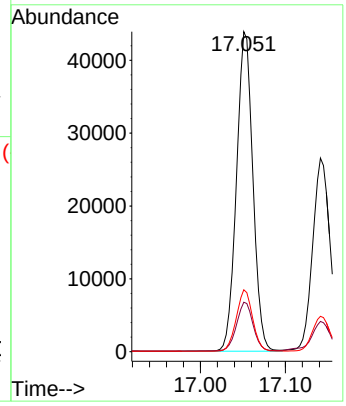


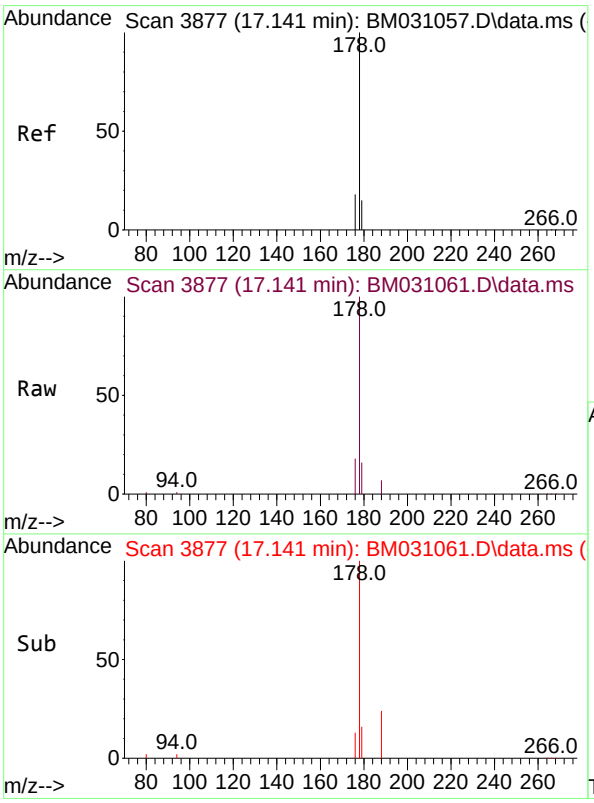


#15
Phenanthrene
Concen: 2.580 ng/ul
RT: 17.051 min Scan# 3851
Delta R.T. 0.000 min
Lab File: BM031061.D
Acq: 22 Jul 2021 11:37

Tgt Ion:178 Resp: 58765

Ion	Ratio	Lower	Upper
178	100		
179	15.4	13.3	19.9
176	19.4	15.4	23.2

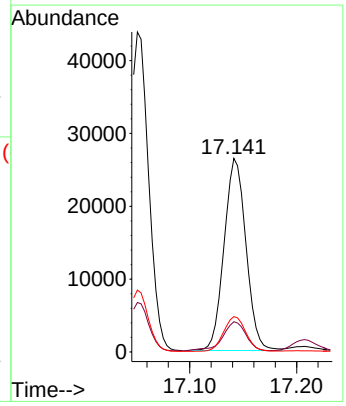




#16
Anthracene
Concen: 1.760 ng/ul
RT: 17.141 min Scan# 3877
Delta R.T. 0.000 min
Lab File: BM031061.D
Acq: 22 Jul 2021 11:37

Tgt Ion:178 Resp: 37571

Ion	Ratio	Lower	Upper
178	100		
179	15.6	13.8	20.8
176	18.2	15.7	23.5



Instrument :
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ClientSampleId :
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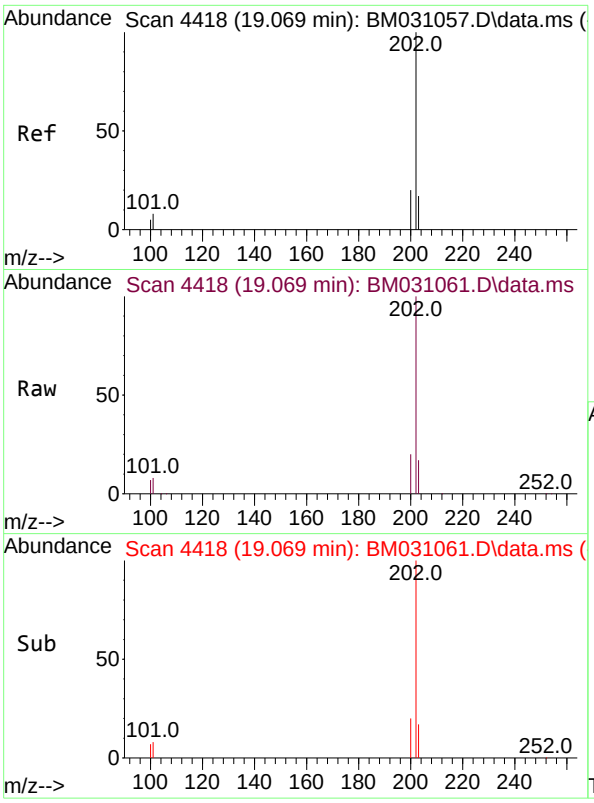
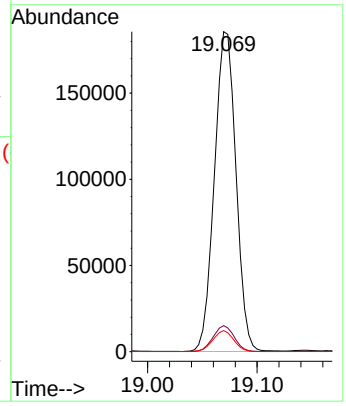
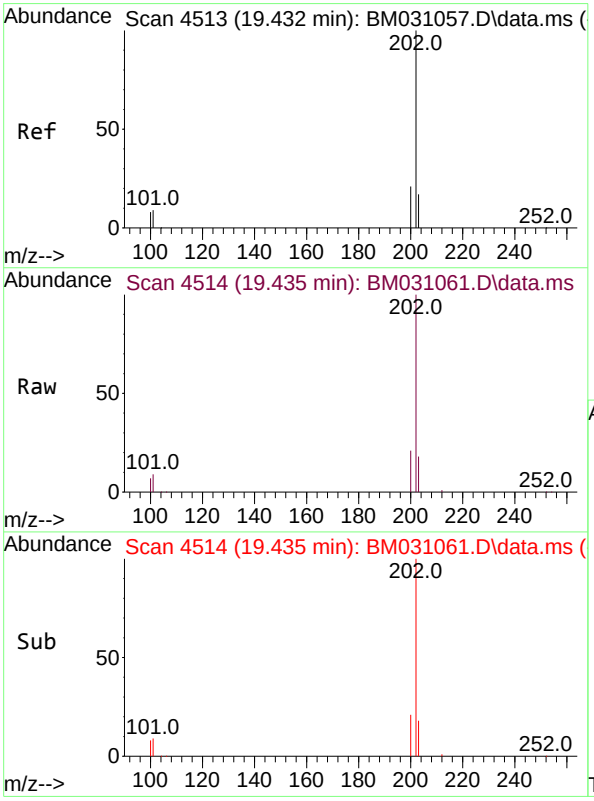


#19
Fluoranthene
Concen: 7.813 ng/ul
RT: 19.069 min Scan# 4418
Delta R.T. 0.000 min
Lab File: BM031061.D
Acq: 22 Jul 2021 11:37

Tgt Ion:202 Resp: 253141

Ion	Ratio	Lower	Upper
202	100		
101	8.2	6.0	9.0
100	6.6	4.8	7.2

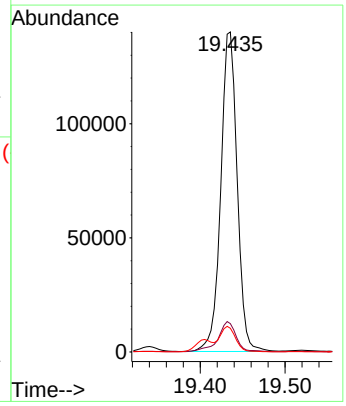




#20
Pyrene
Concen: 5.690 ng/ul
RT: 19.435 min Scan# 4514
Delta R.T. 0.004 min
Lab File: BM031061.D
Acq: 22 Jul 2021 11:37

Tgt Ion:202 Resp: 188203

Ion	Ratio	Lower	Upper
202	100		
101	8.8	7.4	11.0
100	7.4	6.0	9.0



Instrument :
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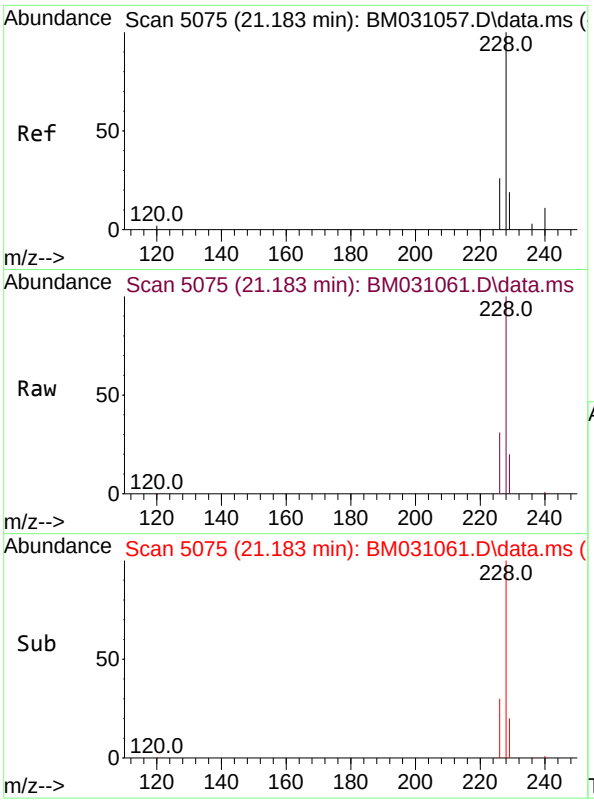
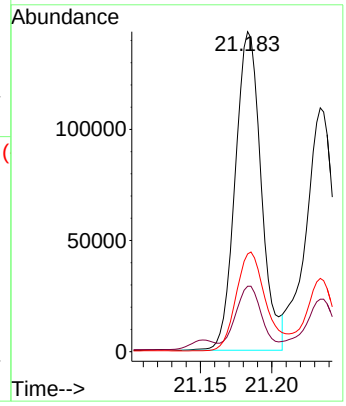
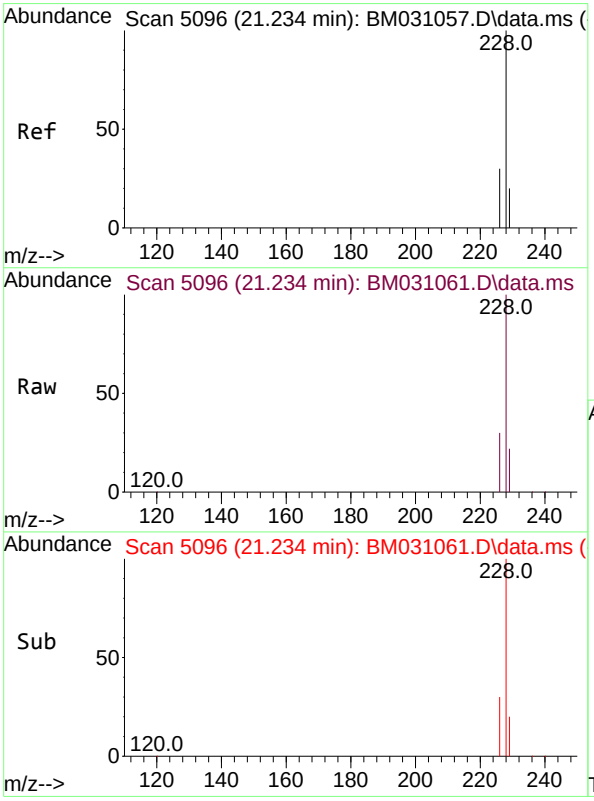


#21
Benzo(a)anthracene
Concen: 5.643 ng/ul
RT: 21.183 min Scan# 5075
Delta R.T. 0.000 min
Lab File: BM031061.D
Acq: 22 Jul 2021 11:37

Tgt Ion:228 Resp: 181388

Ion	Ratio	Lower	Upper
228	100		
229	20.5	16.0	24.0
226	30.6	21.4	32.2

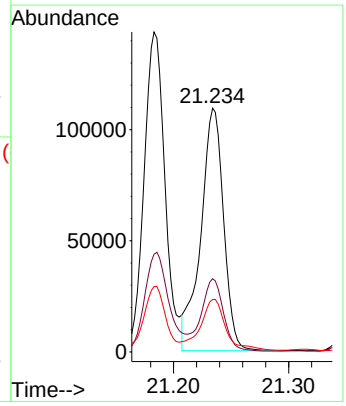




#22
Chrysene
Concen: 4.309 ng/ul
RT: 21.234 min Scan# 5096
Delta R.T. 0.000 min
Lab File: BM031061.D
Acq: 22 Jul 2021 11:37

Tgt Ion:228 Resp: 149920

Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.5	36.7
229	21.5	15.8	23.8



Instrument :
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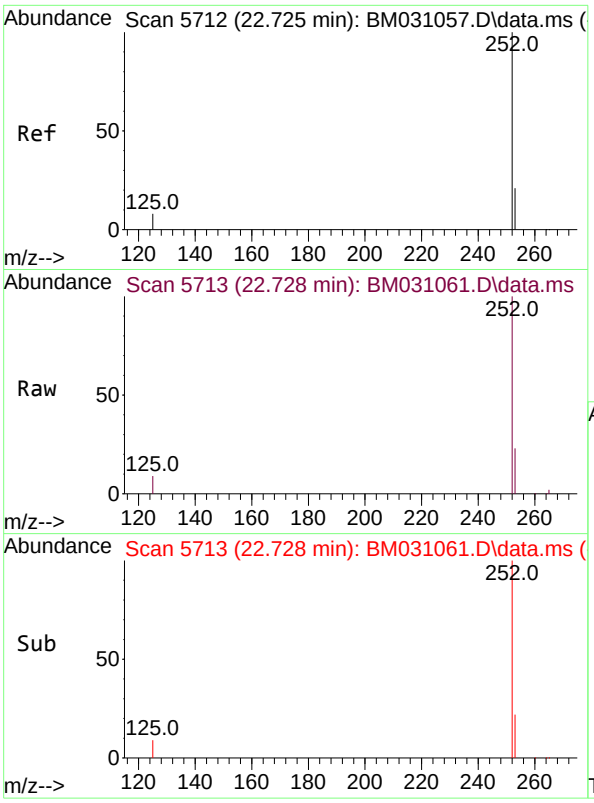
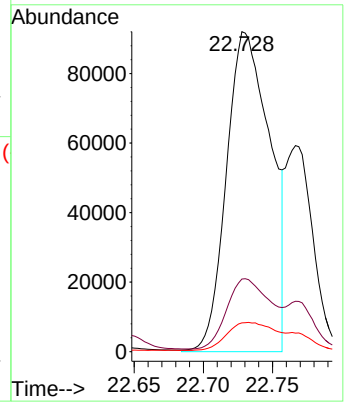


#24
Benzo(b)fluoranthene
Concen: 5.174 ng/ul m
RT: 22.728 min Scan# 5713
Delta R.T. 0.002 min
Lab File: BM031061.D
Acq: 22 Jul 2021 11:37

Tgt Ion:252 Resp: 202467

Ion	Ratio	Lower	Upper
252	100		
253	22.7	0.0	52.8
125	9.0	0.0	20.2



Instrument :
BNA_M
ClientSampleId :
BGEA2

Manual Integrations APPROVED
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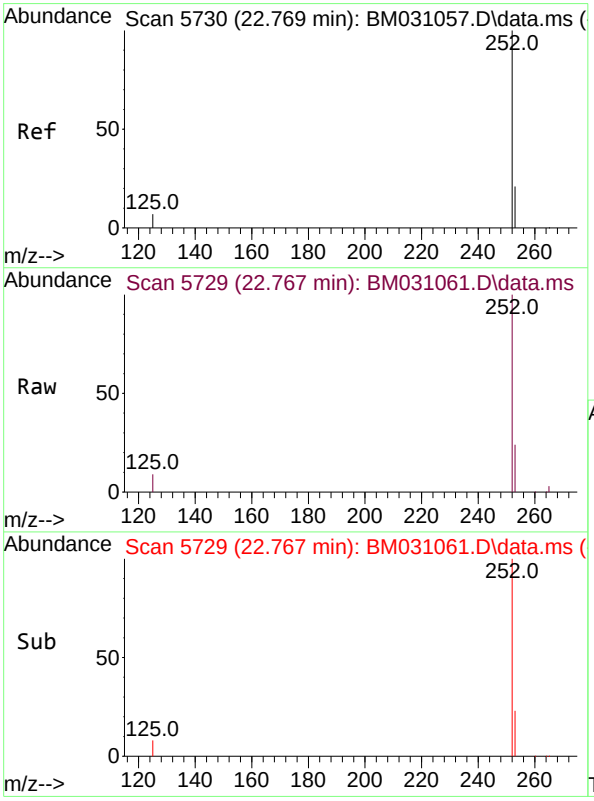
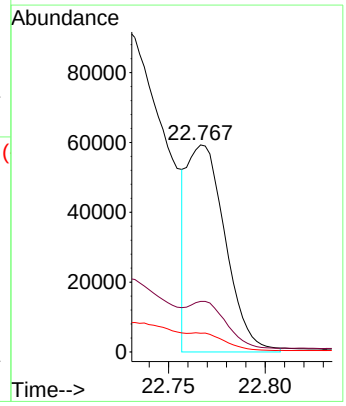
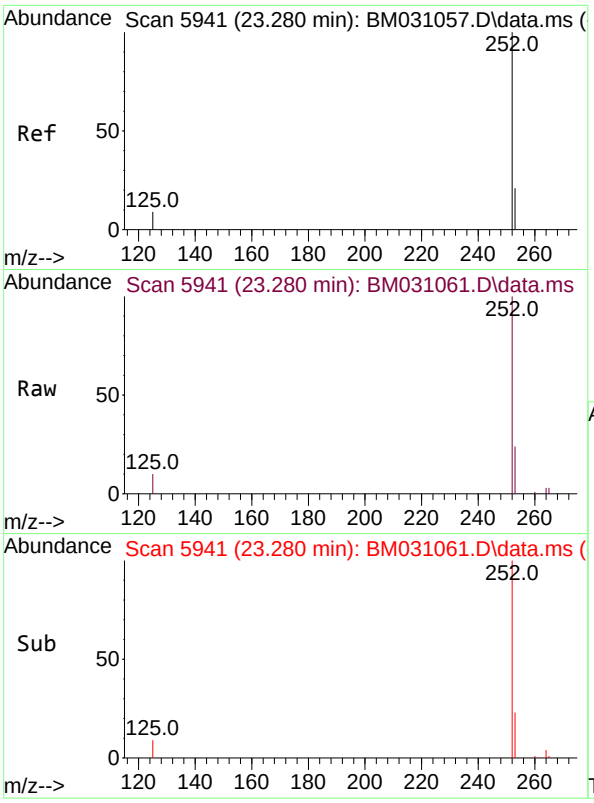


#25
Benzo(k)fluoranthene
Concen: 2.056 ng/ul m
RT: 22.767 min Scan# 5729
Delta R.T. -0.002 min
Lab File: BM031061.D
Acq: 22 Jul 2021 11:37

Tgt Ion:252 Resp: 81640

Ion	Ratio	Lower	Upper
252	100		
253	24.5	21.6	32.4
125	9.0	8.6	13.0

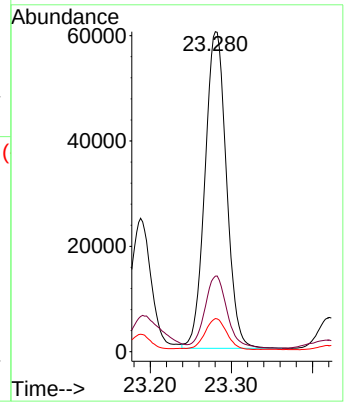


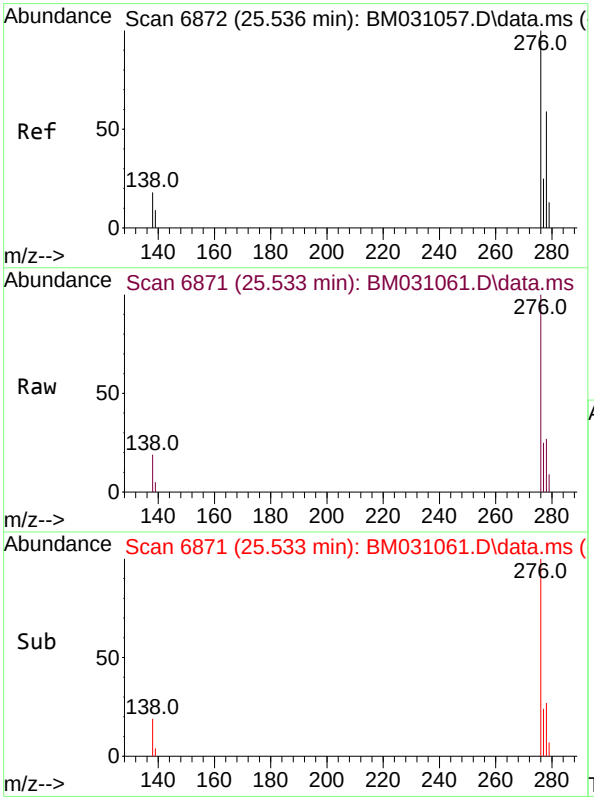


#26
Benzo(a)pyrene
Concen: 3.263 ng/ul
RT: 23.280 min Scan# 5941
Delta R.T. 0.000 min
Lab File: BM031061.D
Acq: 22 Jul 2021 11:37

Tgt Ion:252 Resp: 110397

Ion	Ratio	Lower	Upper
252	100		
253	23.6	23.1	34.7
125	10.3	10.7	16.1#

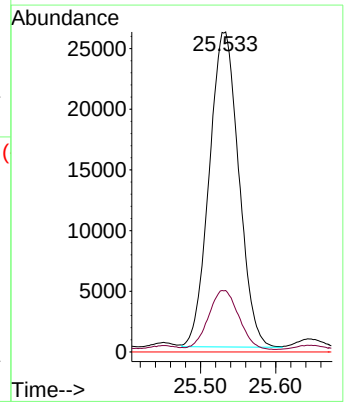




#27
Indeno(1,2,3-cd)pyrene
Concen: 1.600 ng/ul
RT: 25.533 min Scan# 6871
Delta R.T. -0.002 min
Lab File: BM031061.D
Acq: 22 Jul 2021 11:37

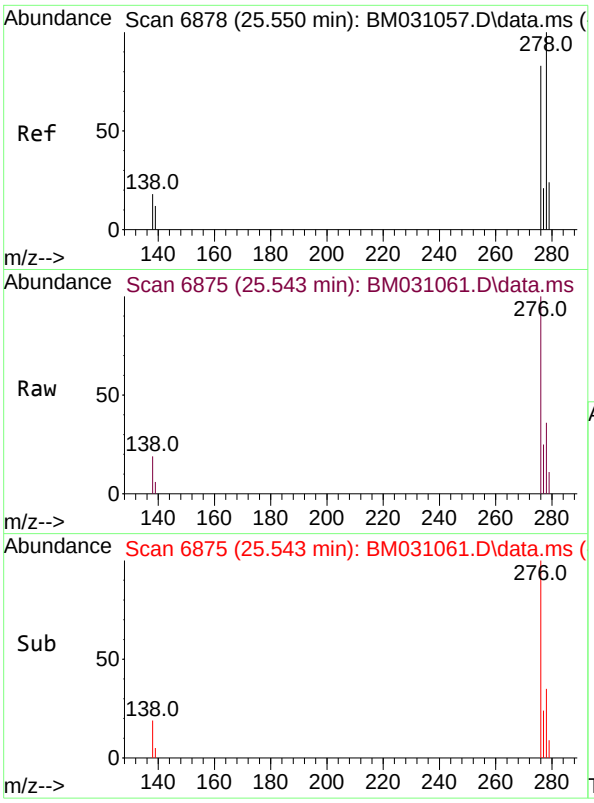
Tgt Ion:276 Resp: 70916

Ion	Ratio	Lower	Upper
276	100		
138	19.3	15.4	23.0
227	0.0	0.0	0.0



Instrument :
BNA_M
ClientSampleId :
BGEA2

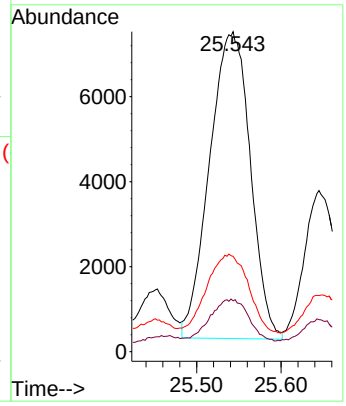
Manual Integrations APPROVED
mohammad
7/22/2021 1:30:54 PM



#28
Dibenzo(a,h)anthracene
Concen: 0.681 ng/ul
RT: 25.543 min Scan# 6875
Delta R.T. -0.007 min
Lab File: BM031061.D
Acq: 22 Jul 2021 11:37

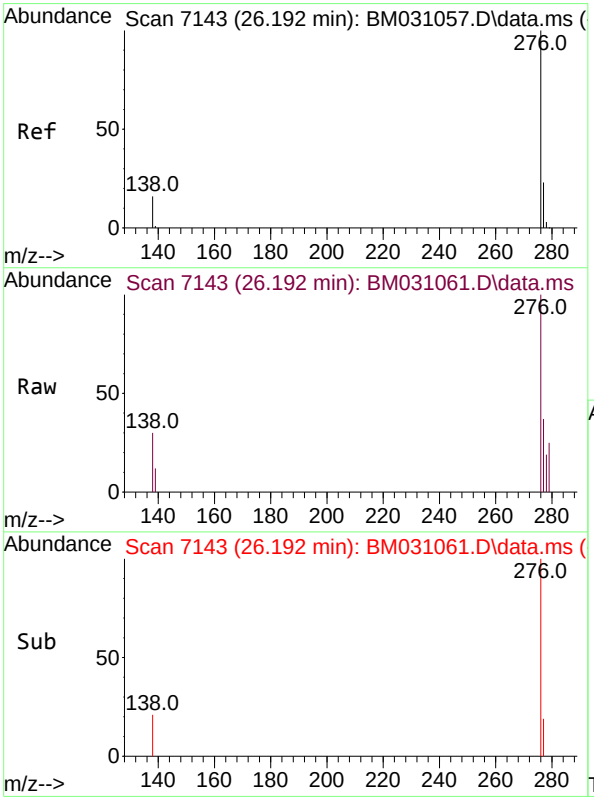
Tgt Ion:278 Resp: 24221

Ion	Ratio	Lower	Upper
278	100		
139	15.9	12.6	18.8
279	29.8	22.6	34.0



Instrument :
BNA_M
ClientSampleId :
BGEA2

Manual Integrations APPROVED
mohammad
7/22/2021 1:30:54 PM



#29
Benzo(g,h,i)perylene
Concen: 0.097 ng/ul
RT: 26.192 min Scan# 7143
Delta R.T. 0.000 min
Lab File: BM031061.D
Acq: 22 Jul 2021 11:37

Tgt Ion:276 Resp: 3635

Ion	Ratio	Lower	Upper
276	100		
138	30.3	14.0	21.0#
277	37.2	19.9	29.9#