Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062521\
Data File : BM030611.D
Acq On : 25 Jun 2021 20:54
Operator : CG/JU
Sample : M2682-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGDB0

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Quant Time: Jun 26 01:31:40 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM062321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 25 10:09:59 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.798	152	3089	0.400	ng/ul	0.00
4) Naphthalene-d8	10.581	136	12843	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.425	164	7905	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.159	188	15086	0.400	ng/ul	0.00
17) Chrysene-d12	21.326	240	9779	0.400	ng/ul	0.00
23) Perylene-d12	23.581	264	9476	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.279	96	4233	1.281	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.178	152	2330	0.113	ng/ul	0.00
18) Fluoranthene-d10	19.180	212	5673	0.189	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.324	88	990	0.287	ng/ul#	88
5) Naphthalene	10.631	128	2745	0.072	ng/ul#	94
7) 2-Methylnaphthalene	12.250	142	1145	0.044	ng/ul	99
8) 1-Methylnaphthalene	12.466	142	981	0.039	ng/ul	98
10) Acenaphthylene	14.144	152	3407	0.092	ng/ul#	92
11) Acenaphthene	14.485	153	1804	0.060	ng/ul	99
12) Fluorene	15.471	166	3210	0.096	ng/ul	98
14) Pentachlorophenol	16.822	266	194	0.044	ng/ul#	85
15) Phenanthrene	17.200	178	33697	0.627	ng/ul	100
16) Anthracene	17.291	178	11242	0.239	ng/ul	98
19) Fluoranthene	19.211	202	62001	1.379	ng/ul	98
20) Pyrene	19.573	202	45356	0.985	ng/ul	98
21) Benzo(a)anthracene	21.309	228	22808	0.587	ng/ul	96
22) Chrysene	21.360	228	20531	0.476	ng/ul	96
24) Benzo(b)fluoranthene	22.902	252	21915m	0.532	ng/ul	
25) Benzo(k)fluoranthene	22.943	252	10612m	0.245	ng/ul	
26) Benzo(a)pyrene	23.479	252	11866	0.324	ng/ul#	88
27) Indeno(1,2,3-cd)pyrene	25.863	276	8894	0.191	ng/ul#	95
28) Dibenzo(a,h)anthracene	25.868	278	3436	0.093	ng/ul#	55
29) Benzo(g,h,i)perylene	26.568	276	1822	0.045	ng/ul#	61

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

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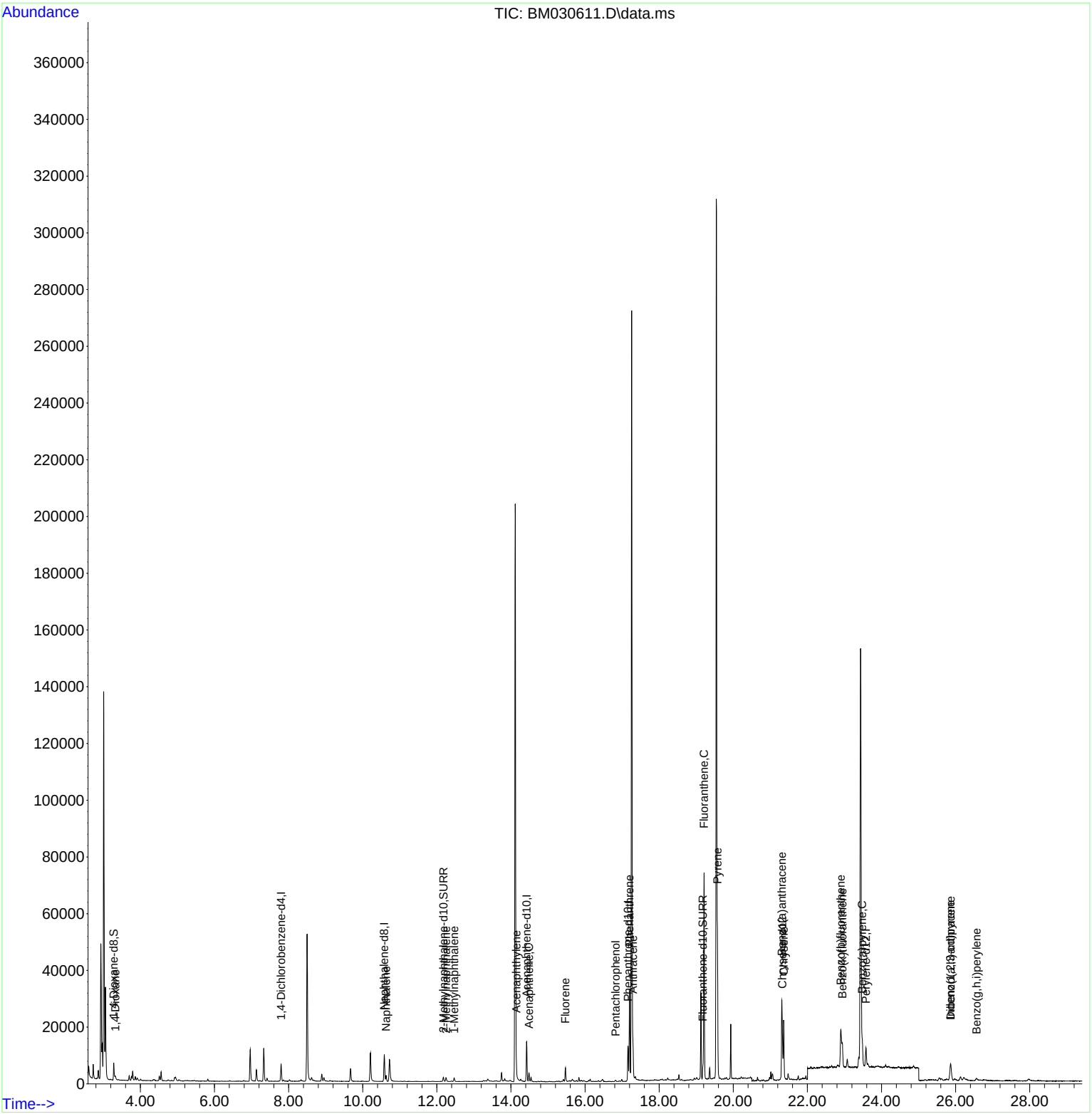
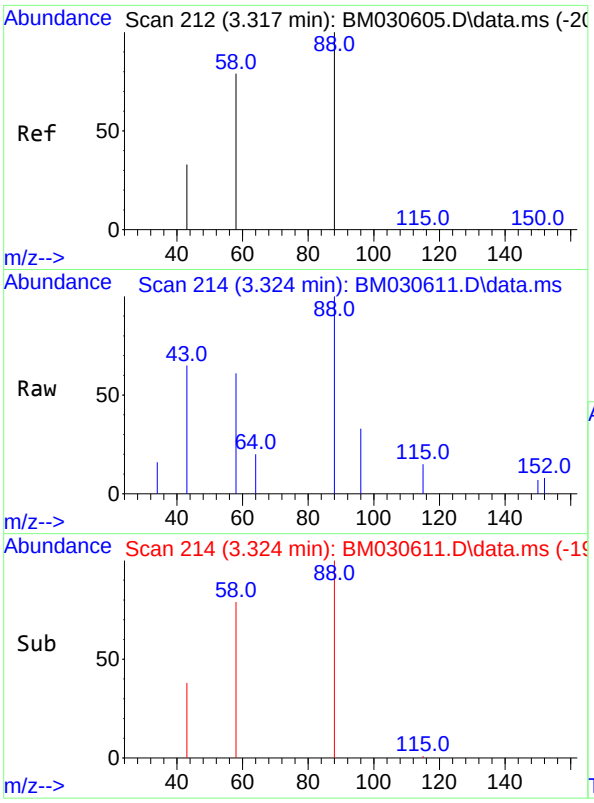
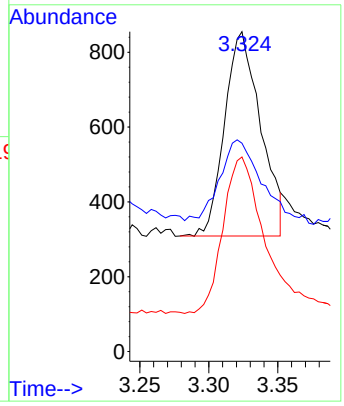




#2
1,4-Dioxane
Concen: 0.287 ng/ul
RT: 3.324 min Scan# 214
Delta R.T. 0.007 min
Lab File: BM030611.D
Acq: 25 Jun 2021 20:54

Tgt Ion: 88 Resp: 990

Ion	Ratio	Lower	Upper
88	100		
43	65.1	37.7	56.5#
58	60.8	48.5	72.7



Instrument :
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ClientSampleId :
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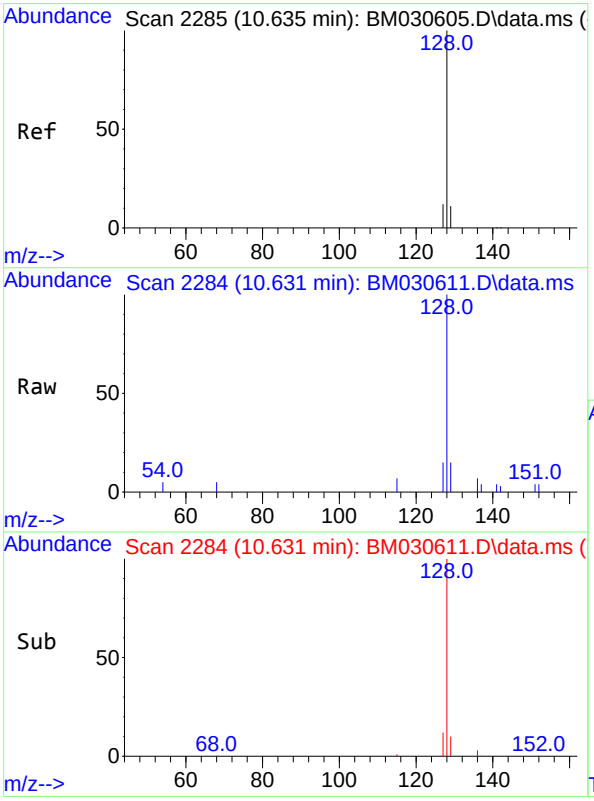
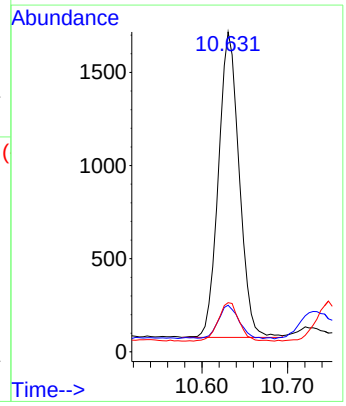
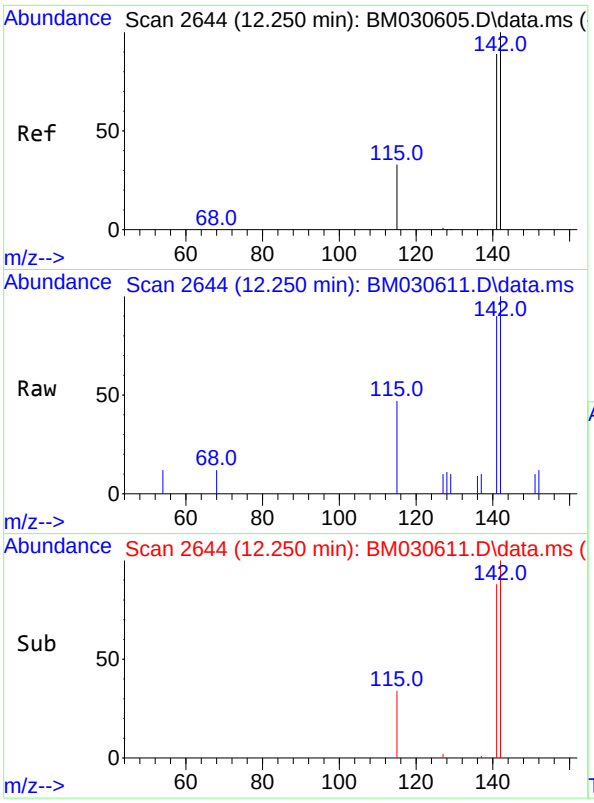


#5
Naphthalene
Concen: 0.072 ng/ul
RT: 10.631 min Scan# 2284
Delta R.T. -0.004 min
Lab File: BM030611.D
Acq: 25 Jun 2021 20:54

Tgt Ion:128 Resp: 2745

Ion	Ratio	Lower	Upper
128	100		
129	14.6	9.0	13.6#
127	15.4	10.9	16.3

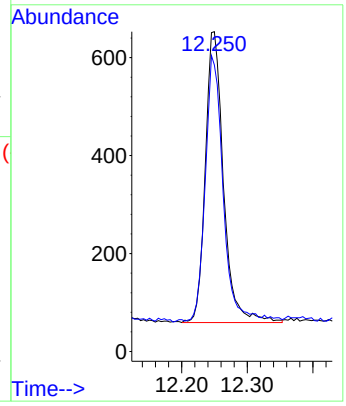




#7
2-Methylnaphthalene
Concen: 0.044 ng/ul
RT: 12.250 min Scan# 2644
Delta R.T. 0.000 min
Lab File: BM030611.D
Acq: 25 Jun 2021 20:54

Tgt Ion:142 Resp: 1145

Ion	Ratio	Lower	Upper
142	100		
141	88.4	71.4	107.0



Instrument :
BNA_M
ClientSampleId :
BGDB0

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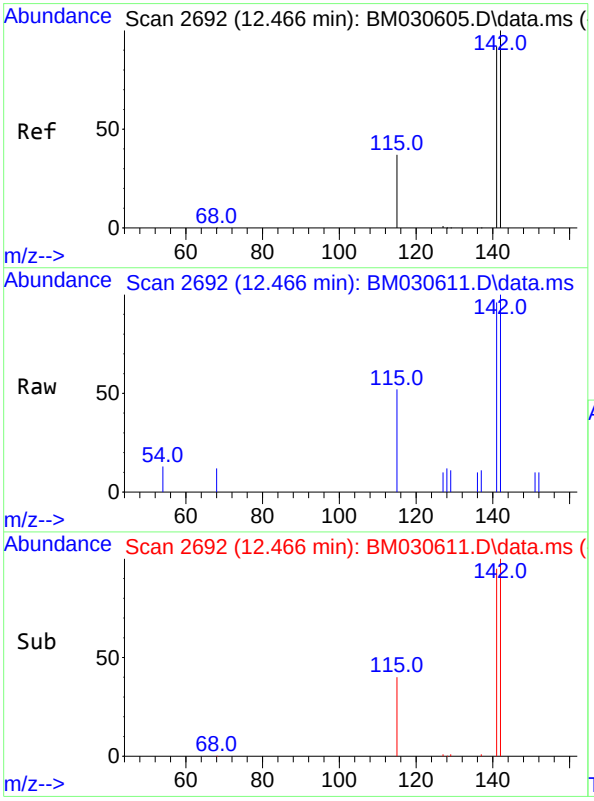
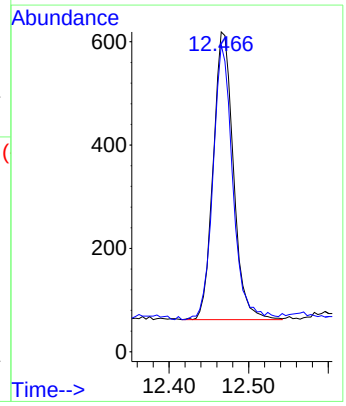
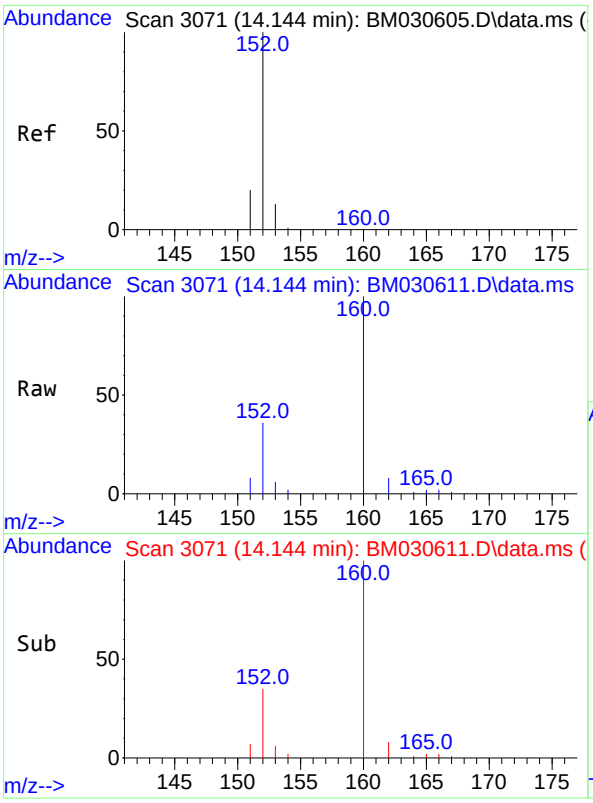


#8
1-Methylnaphthalene
Concen: 0.039 ng/ul
RT: 12.466 min Scan# 2692
Delta R.T. 0.000 min
Lab File: BM030611.D
Acq: 25 Jun 2021 20:54

Tgt Ion:142 Resp: 981

Ion	Ratio	Lower	Upper
142	100		
141	93.9	73.4	110.0

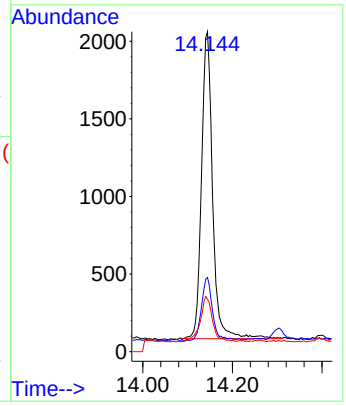


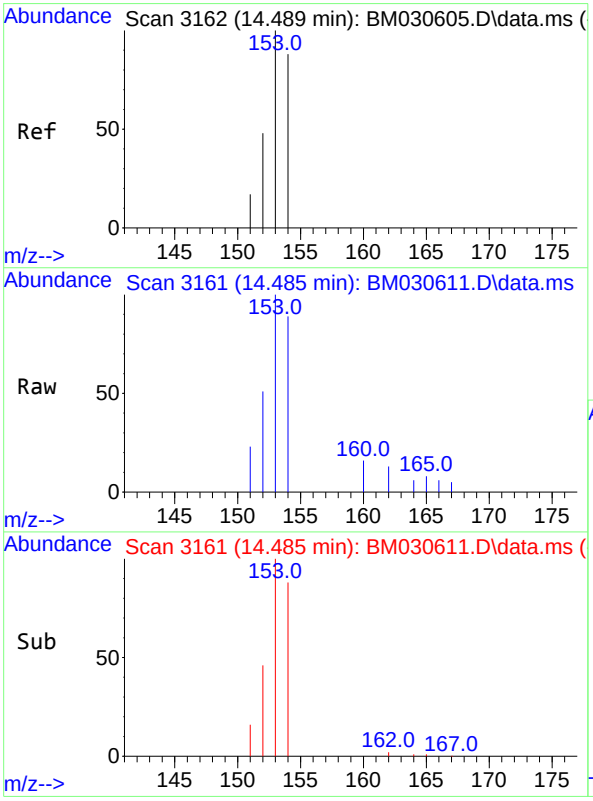


#10
Acenaphthylene
Concen: 0.092 ng/ul
RT: 14.144 min Scan# 3071
Delta R.T. 0.000 min
Lab File: BM030611.D
Acq: 25 Jun 2021 20:54

Tgt Ion:152 Resp: 3407

Ion	Ratio	Lower	Upper
152	100		
151	23.2	15.5	23.3
153	16.4	10.7	16.1#

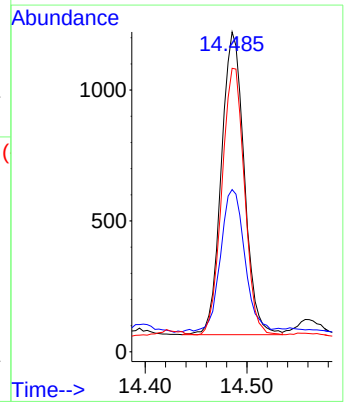




#11
Acenaphthene
Concen: 0.060 ng/ul
RT: 14.485 min Scan# 3161
Delta R.T. 0.000 min
Lab File: BM030611.D
Acq: 25 Jun 2021 20:54

Tgt Ion:153 Resp: 1804

Ion	Ratio	Lower	Upper
153	100		
152	50.7	40.2	60.2
154	88.6	71.2	106.8



Instrument :
BNA_M
ClientSampleId :
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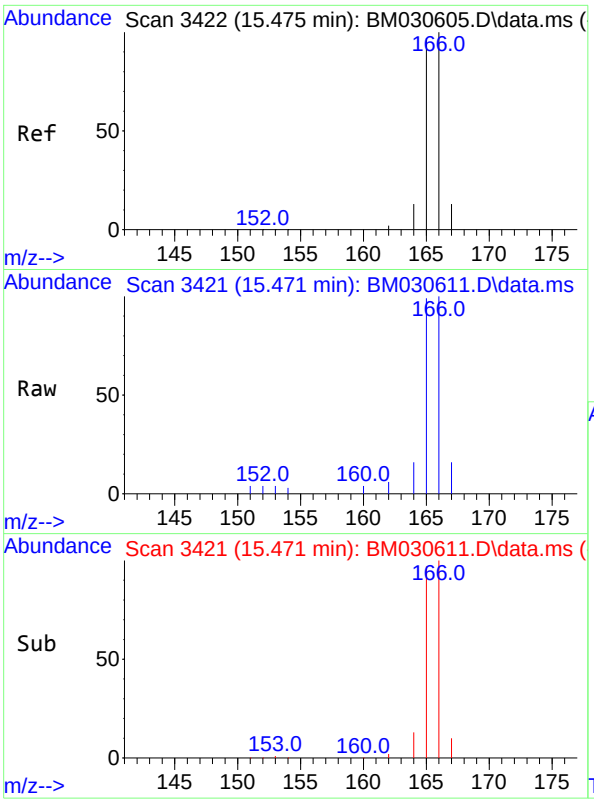
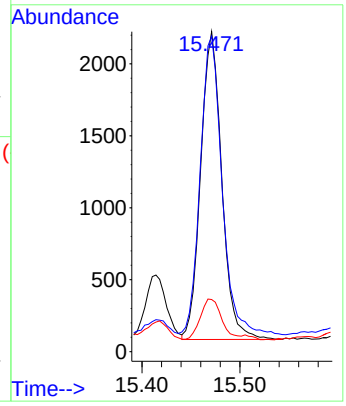


#12
Fluorene
Concen: 0.096 ng/ul
RT: 15.471 min Scan# 3421
Delta R.T. -0.004 min
Lab File: BM030611.D
Acq: 25 Jun 2021 20:54

Tgt Ion:166 Resp: 3210

Ion	Ratio	Lower	Upper
166	100		
165	98.6	77.7	116.5
167	16.3	11.3	16.9



Instrument :
BNA_M
ClientSampleId :
BGDB0

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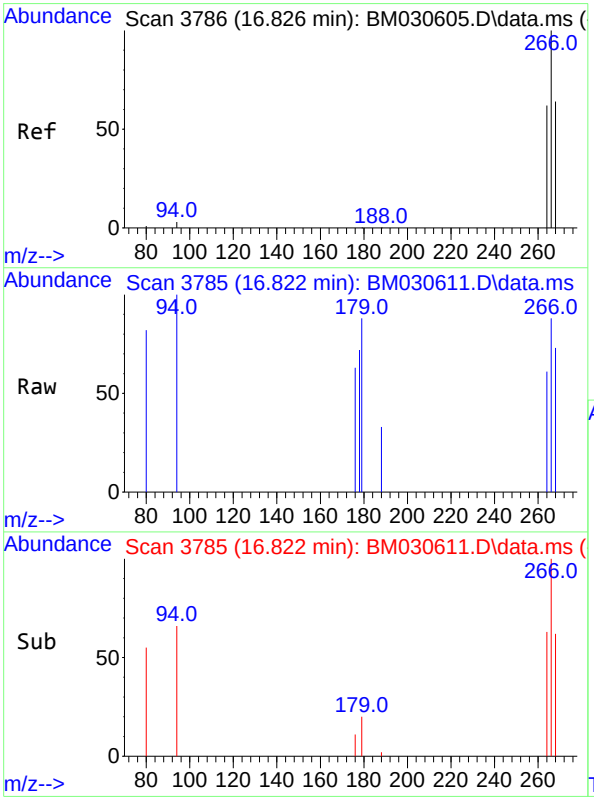
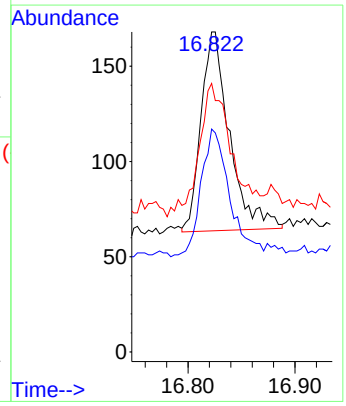
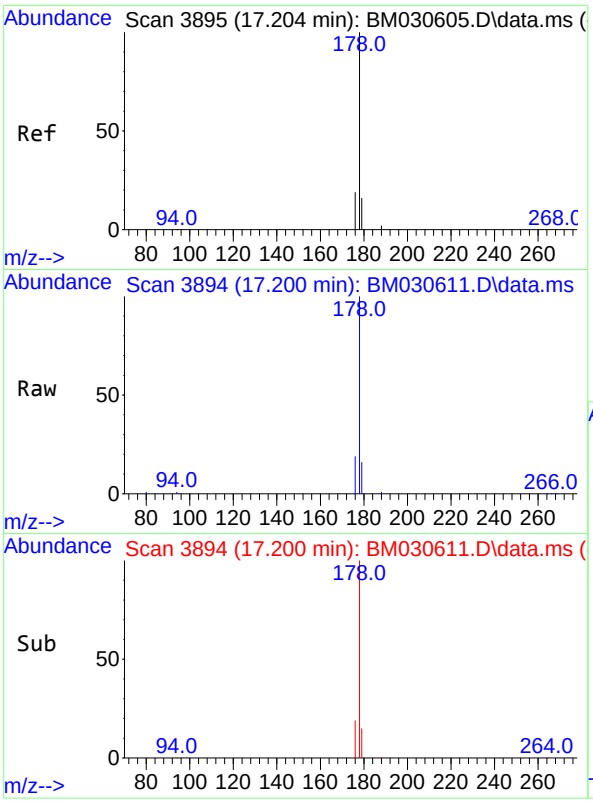


#14
Pentachlorophenol
Concen: 0.044 ng/ul
RT: 16.822 min Scan# 3785
Delta R.T. -0.017 min
Lab File: BM030611.D
Acq: 25 Jun 2021 20:54

Tgt Ion:266 Resp: 194

Ion	Ratio	Lower	Upper
266	100		
264	64.4	47.7	71.5
268	77.8	47.5	71.3#

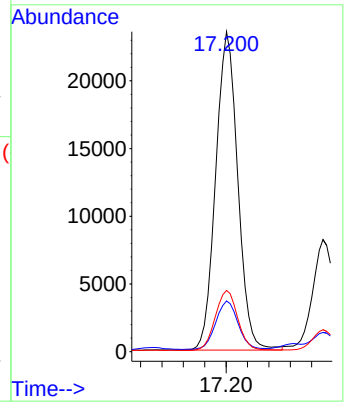


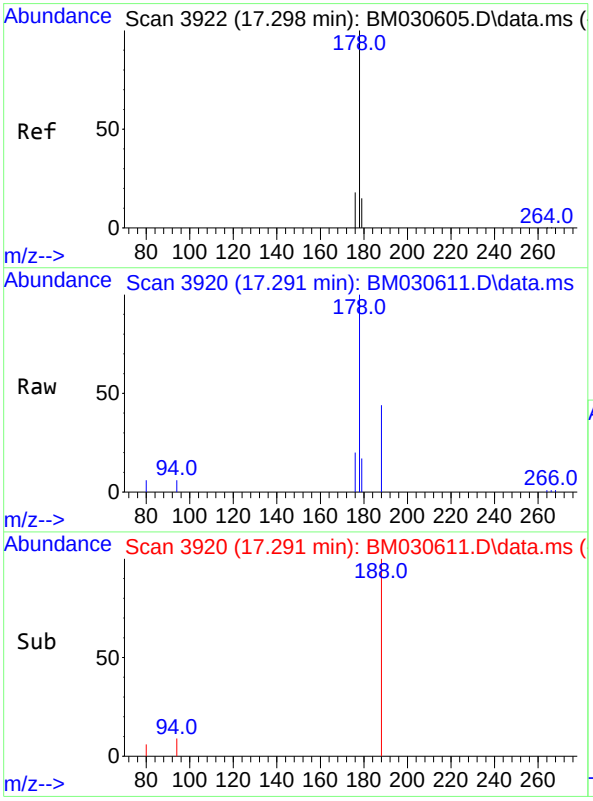


#15
Phenanthrene
Concen: 0.627 ng/ul
RT: 17.200 min Scan# 3894
Delta R.T. -0.003 min
Lab File: BM030611.D
Acq: 25 Jun 2021 20:54

Tgt Ion:178 Resp: 33697

Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.6	19.0
176	19.2	15.5	23.3

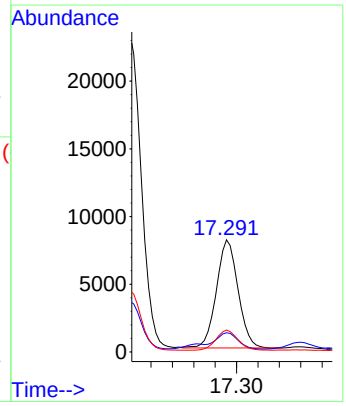




#16
Anthracene
Concen: 0.239 ng/ul
RT: 17.291 min Scan# 3920
Delta R.T. -0.007 min
Lab File: BM030611.D
Acq: 25 Jun 2021 20:54

Tgt Ion:178 Resp: 11242

Ion	Ratio	Lower	Upper
178	100		
179	17.2	12.7	19.1
176	19.6	15.2	22.8



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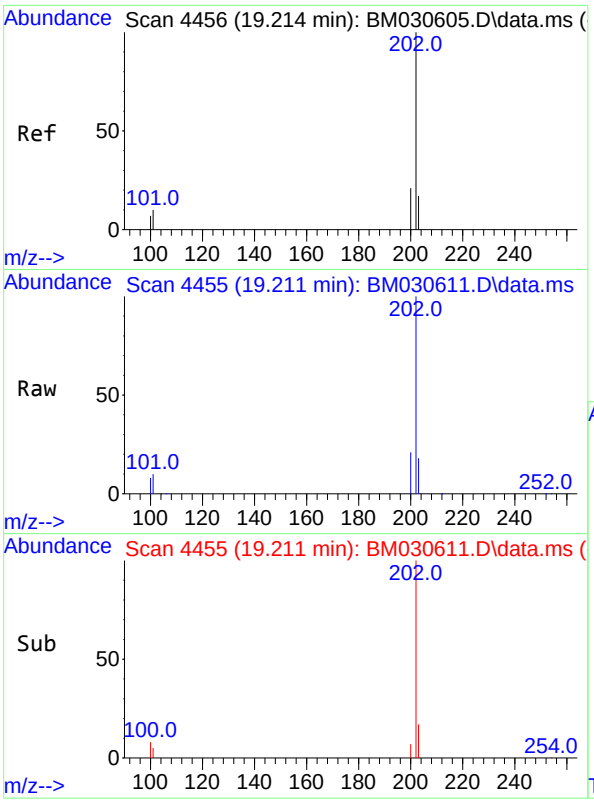
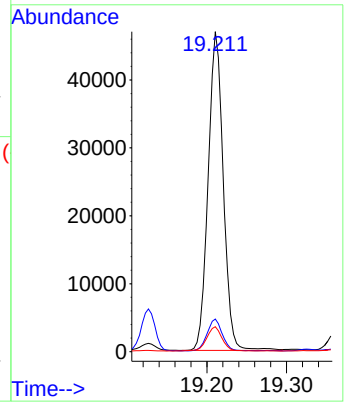
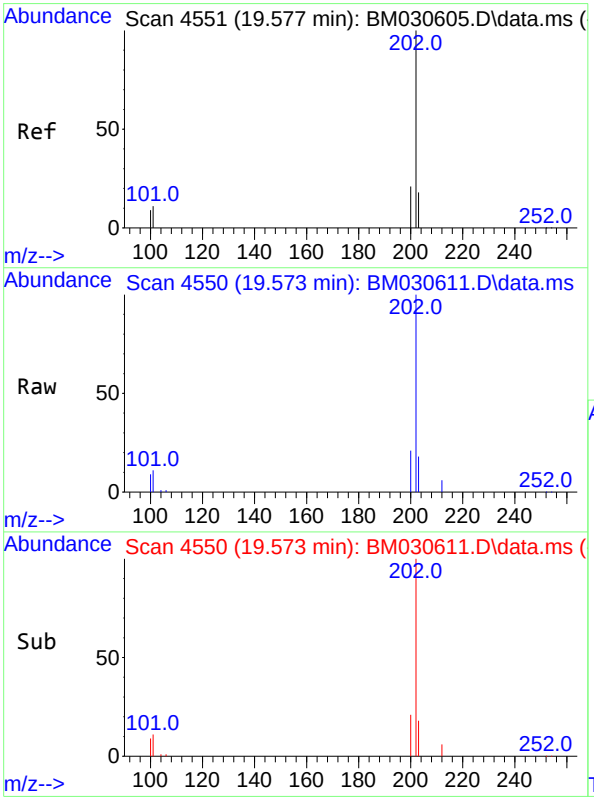


#19
Fluoranthene
Concen: 1.379 ng/ul
RT: 19.211 min Scan# 4455
Delta R.T. -0.004 min
Lab File: BM030611.D
Acq: 25 Jun 2021 20:54

Tgt Ion:202 Resp: 62001

Ion	Ratio	Lower	Upper
202	100		
101	10.2	8.8	13.2
100	7.8	6.9	10.3

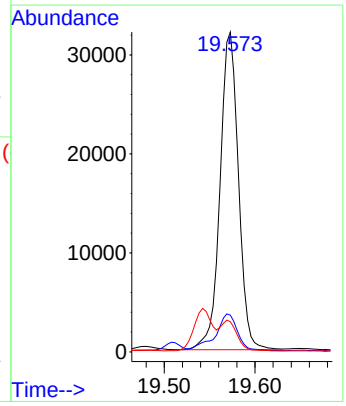




#20
Pyrene
Concen: 0.985 ng/ul
RT: 19.573 min Scan# 4550
Delta R.T. -0.004 min
Lab File: BM030611.D
Acq: 25 Jun 2021 20:54

Tgt Ion:202 Resp: 45356

Ion	Ratio	Lower	Upper
202	100		
101	11.5	10.1	15.1
100	9.5	8.2	12.2



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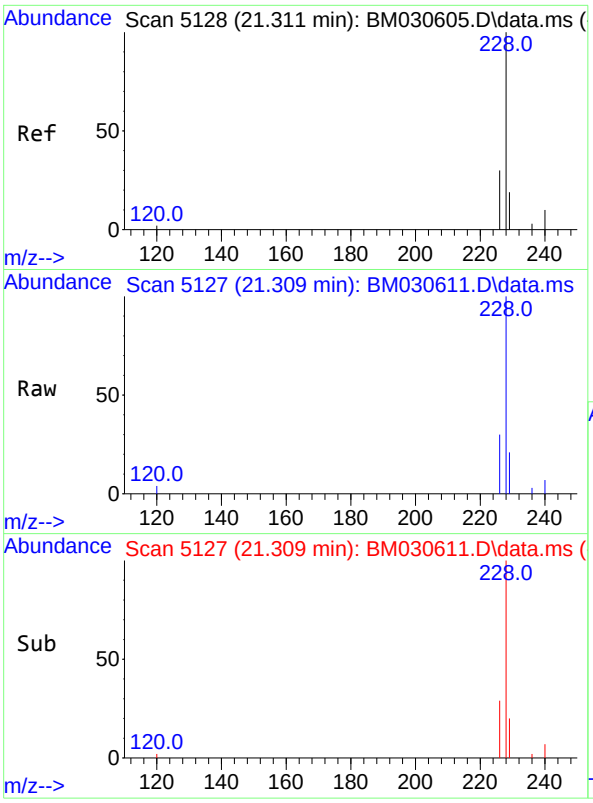
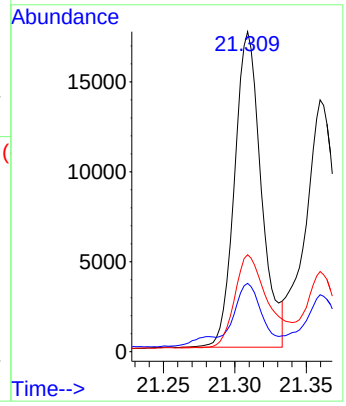


#21
Benzo(a)anthracene
Concen: 0.587 ng/ul
RT: 21.309 min Scan# 5127
Delta R.T. -0.005 min
Lab File: BM030611.D
Acq: 25 Jun 2021 20:54

Tgt Ion:228 Resp: 22808

Ion	Ratio	Lower	Upper
228	100		
229	21.4	15.8	23.6
226	30.3	22.2	33.4



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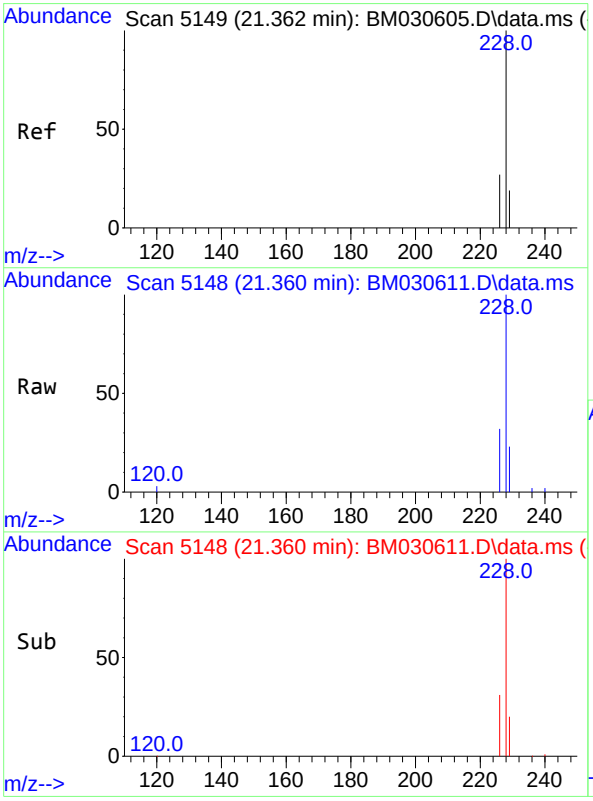
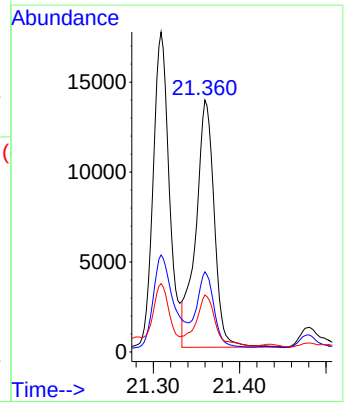
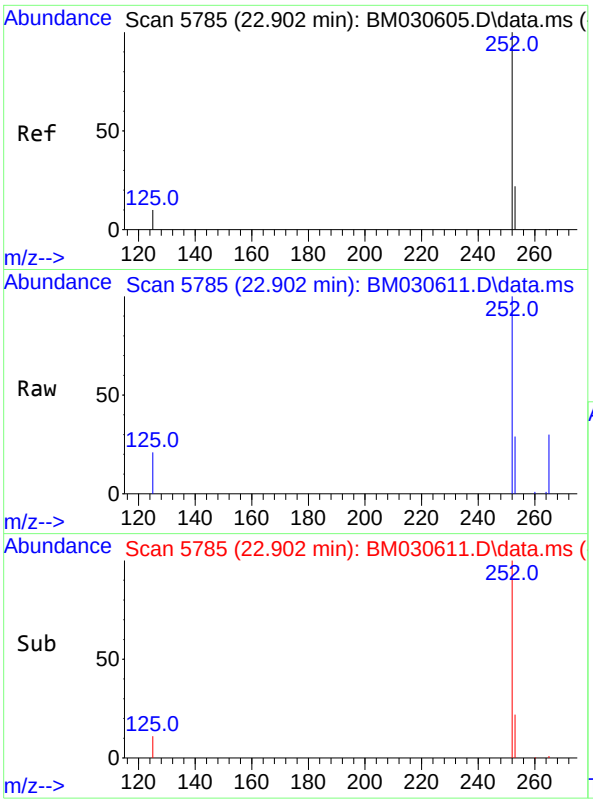


#22
Chrysene
Concen: 0.476 ng/ul
RT: 21.360 min Scan# 5148
Delta R.T. -0.005 min
Lab File: BM030611.D
Acq: 25 Jun 2021 20:54

Tgt Ion:228 Resp: 20531

Ion	Ratio	Lower	Upper
228	100		
226	31.8	24.4	36.6
229	22.6	15.4	23.0

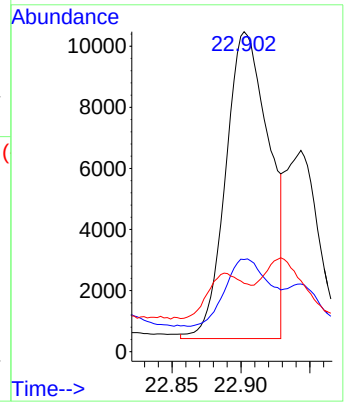




#24
Benzo(b)fluoranthene
Concen: 0.532 ng/ul m
RT: 22.902 min Scan# 5785
Delta R.T. -0.005 min
Lab File: BM030611.D
Acq: 25 Jun 2021 20:54

Tgt Ion:252 Resp: 21915

Ion	Ratio	Lower	Upper
252	100		
253	28.8	0.0	50.2
125	21.3	0.0	27.8



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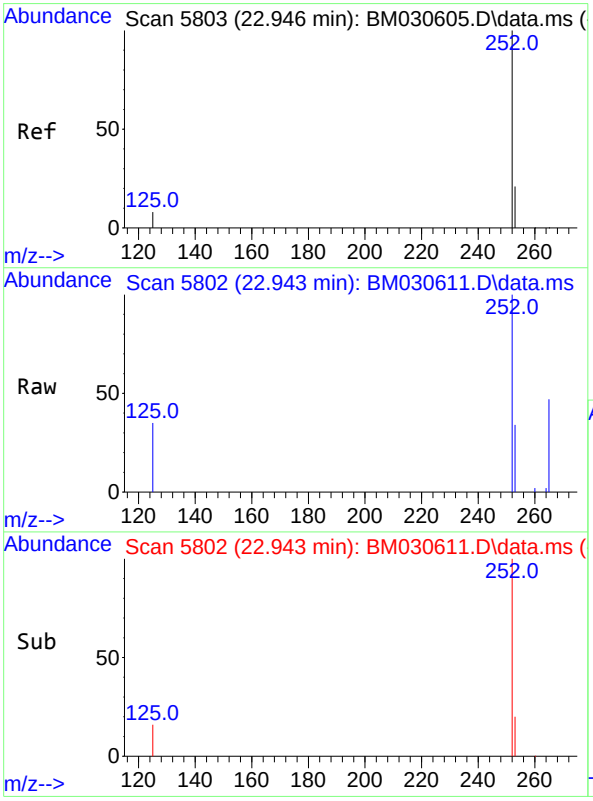
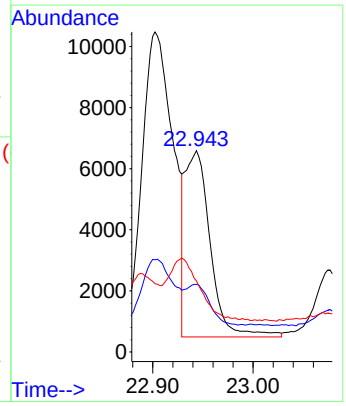
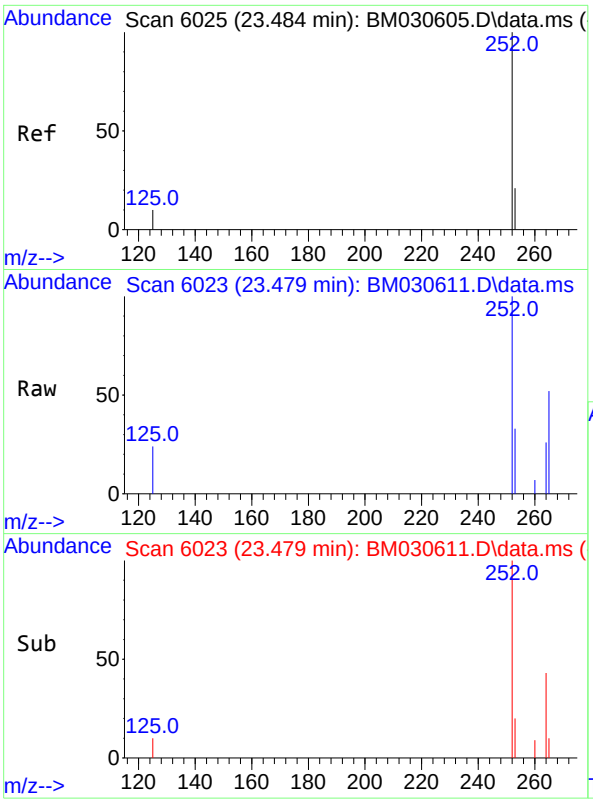


#25
Benzo(k)fluoranthene
Concen: 0.245 ng/ul m
RT: 22.943 min Scan# 5802
Delta R.T. -0.010 min
Lab File: BM030611.D
Acq: 25 Jun 2021 20:54

Tgt Ion:252 Resp: 10612

Ion	Ratio	Lower	Upper
252	100		
253	33.6	20.6	31.0#
125	35.3	11.0	16.4#

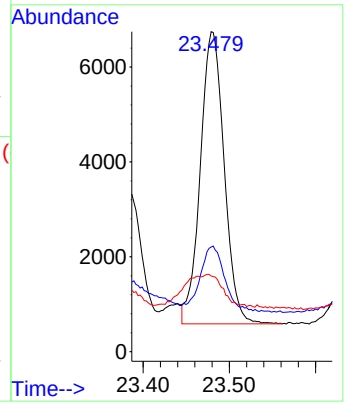


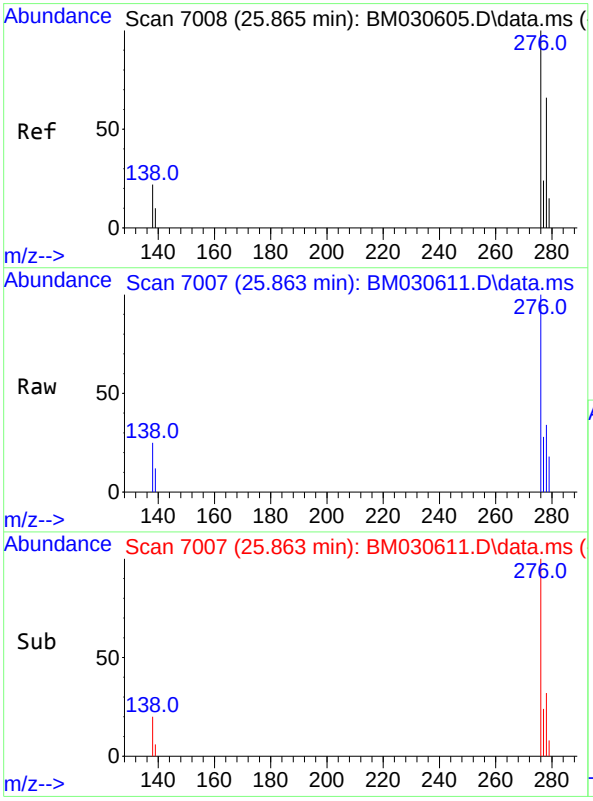


#26
Benzo(a)pyrene
Concen: 0.324 ng/ul
RT: 23.479 min Scan# 6023
Delta R.T. -0.010 min
Lab File: BM030611.D
Acq: 25 Jun 2021 20:54

Tgt Ion:252 Resp: 11866

Ion	Ratio	Lower	Upper
252	100		
253	32.7	22.0	33.0
125	23.6	13.4	20.2#

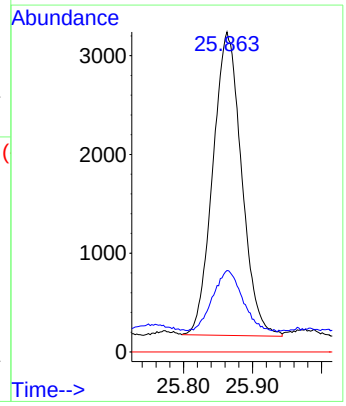




#27
Indeno(1,2,3-cd)pyrene
Concen: 0.191 ng/ul
RT: 25.863 min Scan# 7007
Delta R.T. -0.010 min
Lab File: BM030611.D
Acq: 25 Jun 2021 20:54

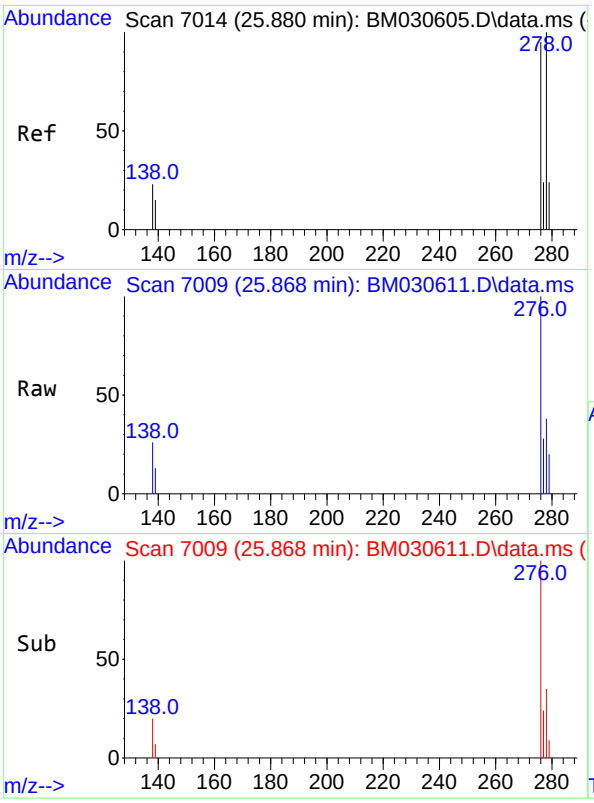
Tgt Ion:276 Resp: 8894

Ion	Ratio	Lower	Upper
276	100		
138	21.3	19.1	28.7
227	0.0	0.0	0.0



Instrument :
BNA_M
ClientSampleId :
BGDB0

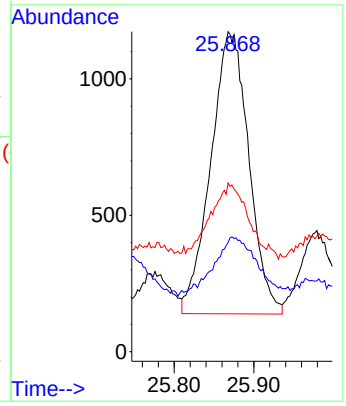
Manual Integrations APPROVED
mohammad
6/28/2021 1:21:39 PM



#28
Dibenzo(a,h)anthracene
Concen: 0.093 ng/ul
RT: 25.868 min Scan# 7009
Delta R.T. -0.019 min
Lab File: BM030611.D
Acq: 25 Jun 2021 20:54

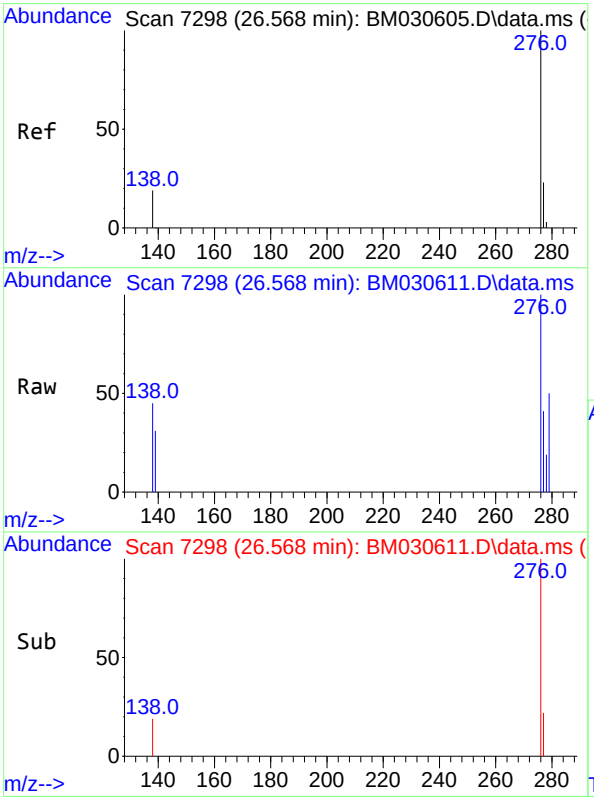
Tgt Ion:278 Resp: 3436

Ion	Ratio	Lower	Upper
278	100		
139	34.2	14.2	21.4#
279	52.8	21.6	32.4#



Instrument :
BNA_M
ClientSampleId :
BGDB0

Manual Integrations APPROVED
mohammad
6/28/2021 1:21:39 PM



#29
Benzo(g,h,i)perylene
Concen: 0.045 ng/ul
RT: 26.568 min Scan# 7298
Delta R.T. 0.000 min
Lab File: BM030611.D
Acq: 25 Jun 2021 20:54

Tgt Ion:276 Resp: 1822

Ion	Ratio	Lower	Upper
276	100		
138	44.6	18.0	27.0#
277	40.8	19.5	29.3#