Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062521\
Data File : BM030610.D
Acq On : 25 Jun 2021 20:17
Operator : CG/JU
Sample : M2662-19DL 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGD91DL

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Quant Time: Jun 26 01:31:32 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	4061	0.400	ng/ul	0.00
4) Naphthalene-d8	10.581	136	16751	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.425	164	10071	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.159	188	19515	0.400	ng/ul	0.00
17) Chrysene-d12	21.324	240	12903	0.400	ng/ul	0.00
23) Perylene-d12	23.578	264	12389	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.283	96	2617	0.602	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.178	152	1101	0.041	ng/ul	0.00
18) Fluoranthene-d10	19.180	212	2259	0.057	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.631	128	6592	0.132	ng/ul	98
7) 2-Methylnaphthalene	12.250	142	2610	0.078	ng/ul	98
8) 1-Methylnaphthalene	12.470	142	2512	0.077	ng/ul	99
10) Acenaphthylene	14.144	152	17181	0.365	ng/ul	98
11) Acenaphthene	14.486	153	9931	0.259	ng/ul	98
12) Fluorene	15.471	166	11557	0.272	ng/ul	99
15) Phenanthrene	17.201	178	334911	4.820	ng/ul	99
16) Anthracene	17.291	178	64726	1.063	ng/ul	99
19) Fluoranthene	19.211	202	626575	10.563	ng/ul	97
20) Pyrene	19.573	202	378317	6.225	ng/ul	97
21) Benzo(a)anthracene	21.309	228	272831	5.323	ng/ul	99
22) Chrysene	21.362	228	250359	4.400	ng/ul	98
24) Benzo(b)fluoranthene	22.903	252	254808m	4.728	ng/ul	
25) Benzo(k)fluoranthene	22.944	252	107808m	1.907	ng/ul	
26) Benzo(a)pyrene	23.482	252	64701	1.353	ng/ul#	94
27) Indeno(1,2,3-cd)pyrene	25.863	276	59629	0.981	ng/ul#	95
28) Dibenzo(a,h)anthracene	25.868	278	29601	0.610	ng/ul	96
29) Benzo(g,h,i)perylene	26.566	276	2504	0.048	ng/ul#	56

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

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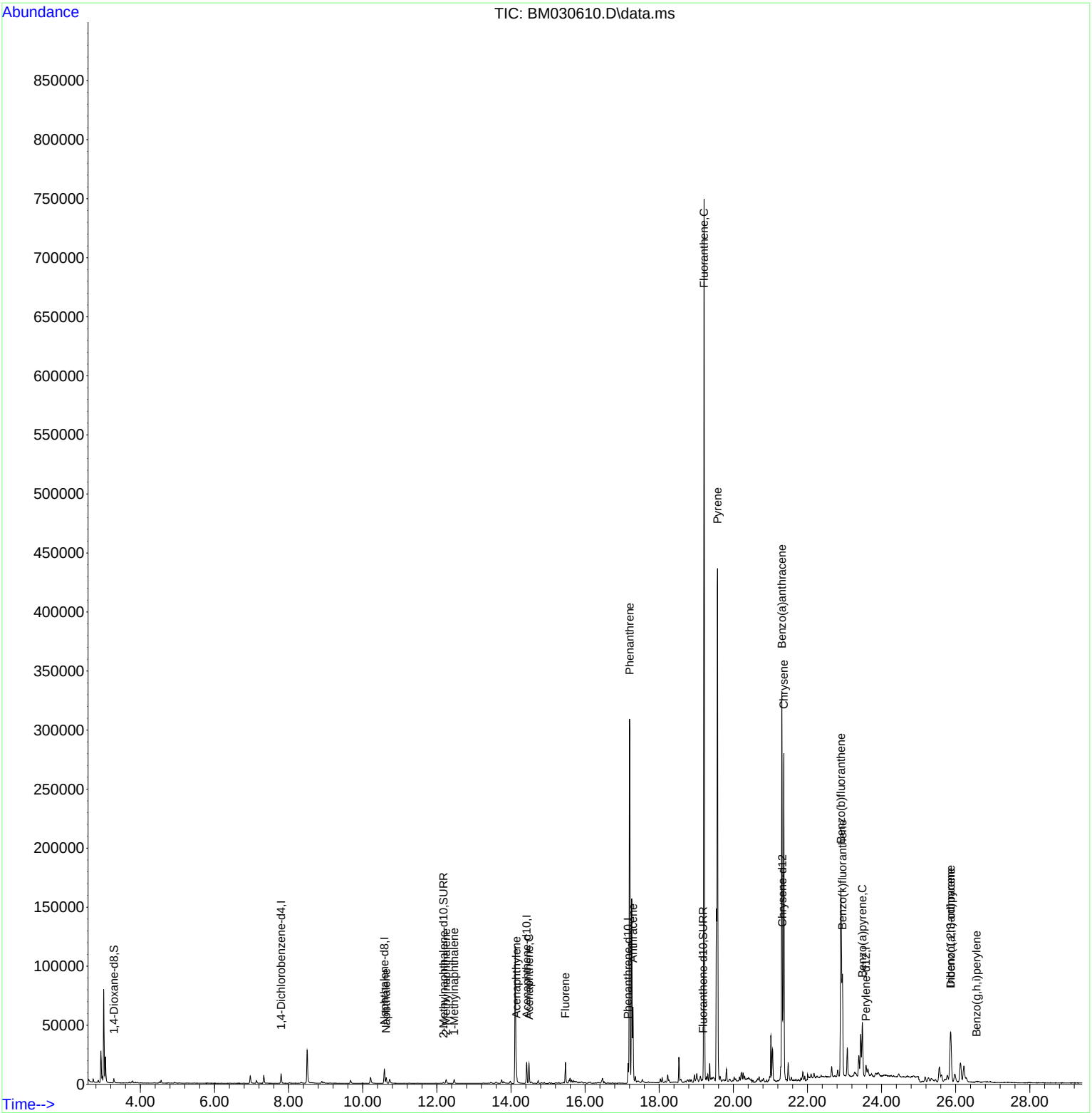
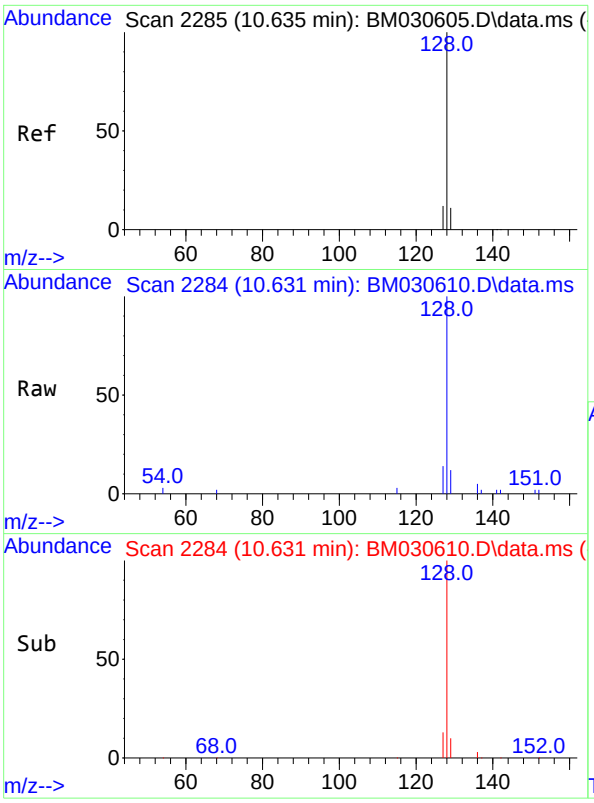
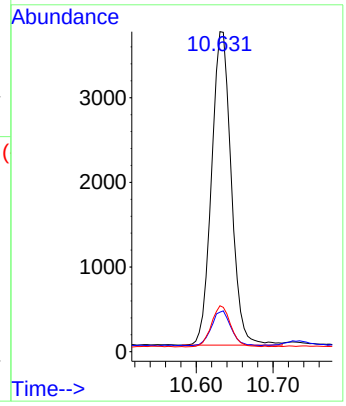


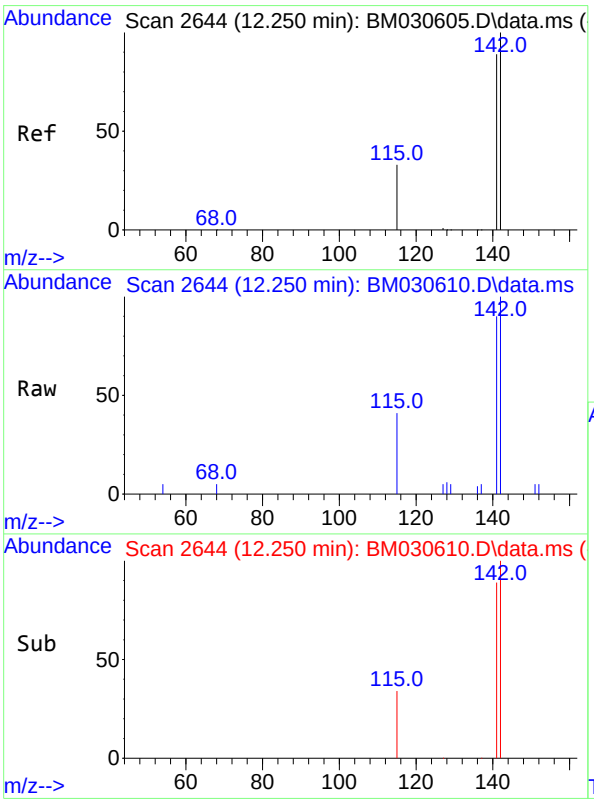


#5
Naphthalene
Concen: 0.132 ng/ul
RT: 10.631 min Scan# 2284
Delta R.T. -0.004 min
Lab File: BM030610.D
Acq: 25 Jun 2021 20:17

Tgt Ion:128 Resp: 6592

Ion	Ratio	Lower	Upper
128	100		
129	12.4	9.0	13.6
127	14.3	10.9	16.3

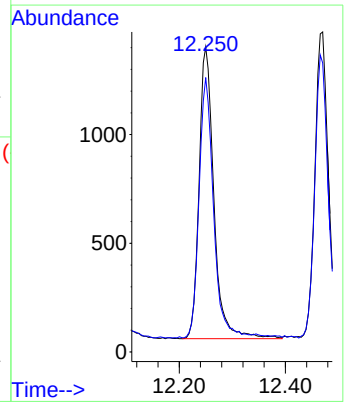




#7
2-Methylnaphthalene
Concen: 0.078 ng/ul
RT: 12.250 min Scan# 2644
Delta R.T. 0.000 min
Lab File: BM030610.D
Acq: 25 Jun 2021 20:17

Tgt Ion:142 Resp: 2610

Ion	Ratio	Lower	Upper
142	100		
141	87.8	71.4	107.0



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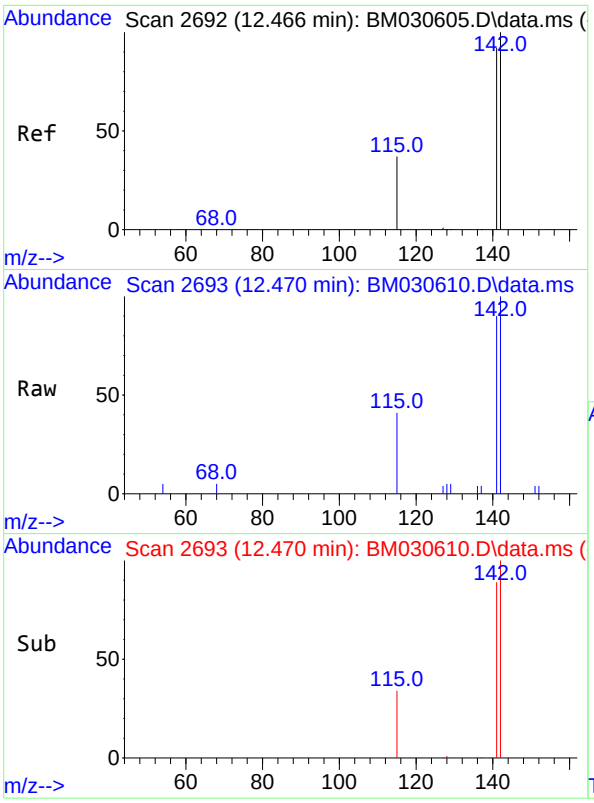
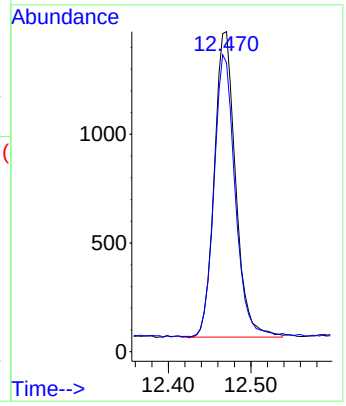


#8
1-Methylnaphthalene
Concen: 0.077 ng/ul
RT: 12.470 min Scan# 2693
Delta R.T. 0.005 min
Lab File: BM030610.D
Acq: 25 Jun 2021 20:17

Tgt Ion:142 Resp: 2512

Ion	Ratio	Lower	Upper
142	100		
141	93.1	73.4	110.0



Instrument :
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ClientSampleId :
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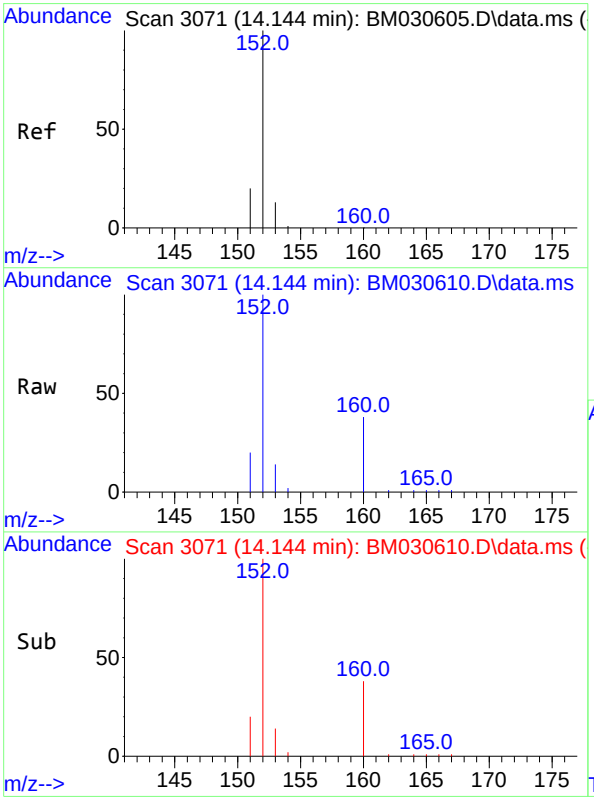
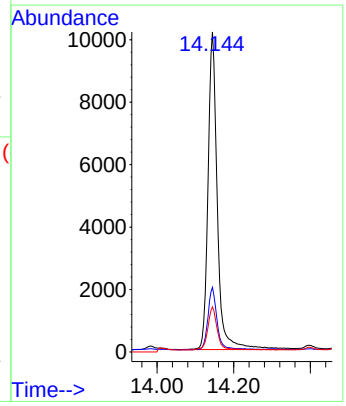
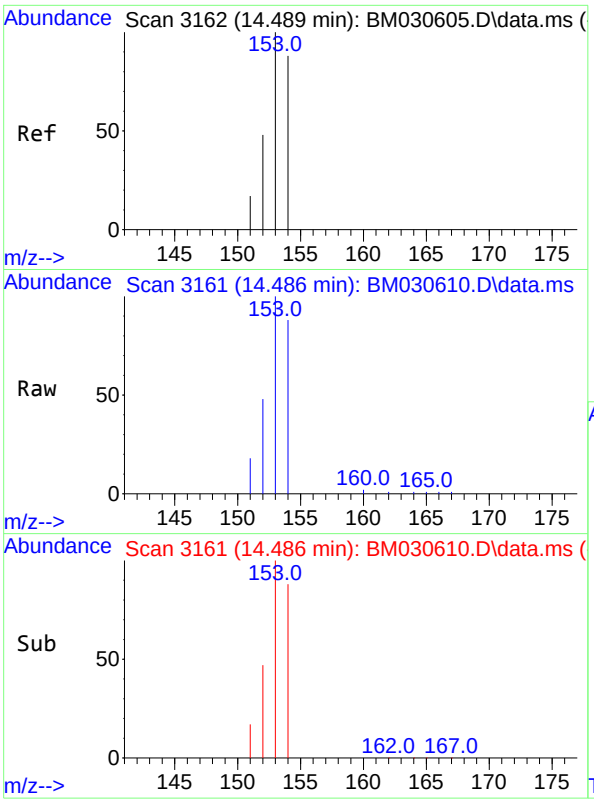


#10
Acenaphthylene
Concen: 0.365 ng/ul
RT: 14.144 min Scan# 3071
Delta R.T. 0.000 min
Lab File: BM030610.D
Acq: 25 Jun 2021 20:17

Tgt Ion:152 Resp: 17181

Ion	Ratio	Lower	Upper
152	100		
151	20.2	15.5	23.3
153	14.1	10.7	16.1

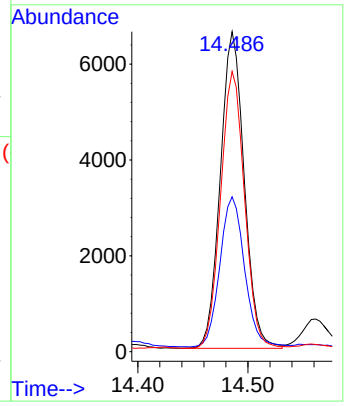




#11
Acenaphthene
Concen: 0.259 ng/ul
RT: 14.486 min Scan# 3161
Delta R.T. 0.000 min
Lab File: BM030610.D
Acq: 25 Jun 2021 20:17

Tgt Ion:153 Resp: 9931

Ion	Ratio	Lower	Upper
153	100		
152	48.4	40.2	60.2
154	87.6	71.2	106.8



Instrument :
BNA_M
ClientSampleId :
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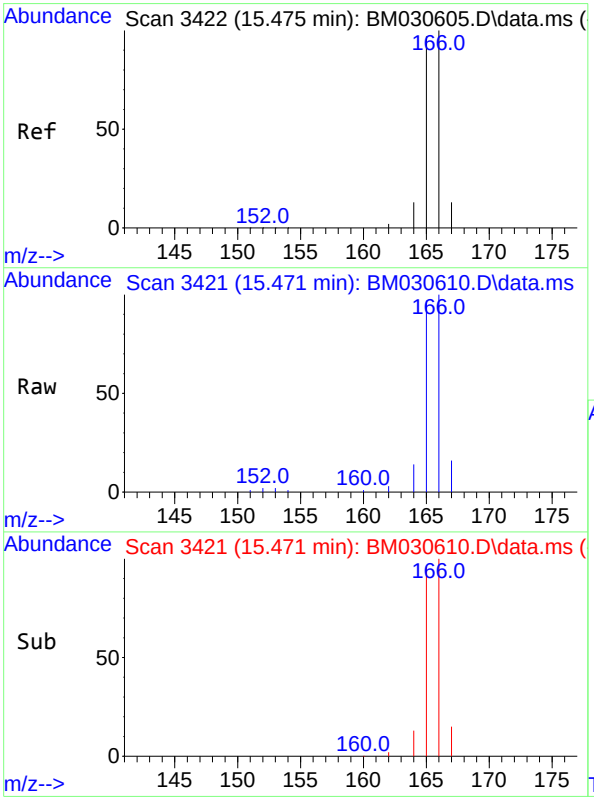
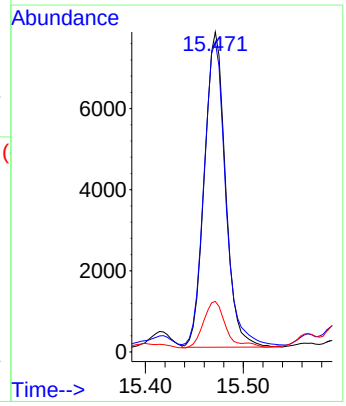
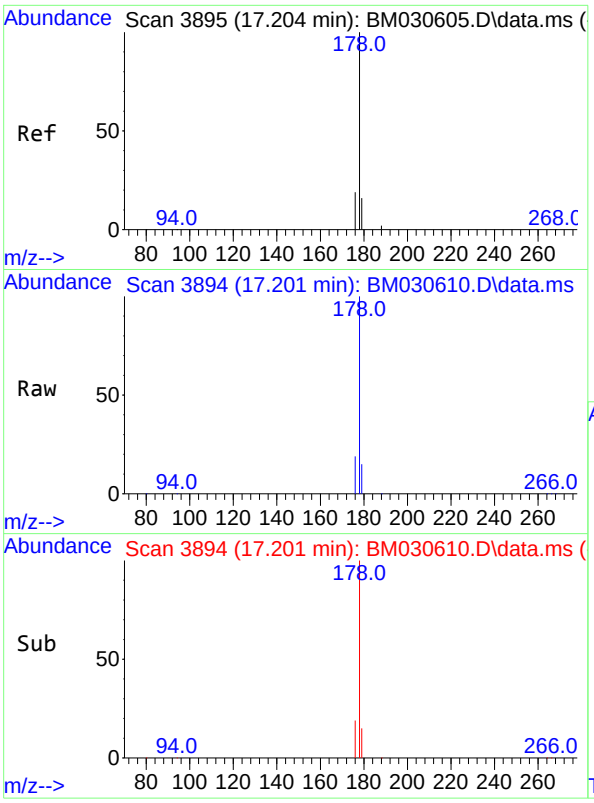


#12
Fluorene
Concen: 0.272 ng/ul
RT: 15.471 min Scan# 3421
Delta R.T. -0.003 min
Lab File: BM030610.D
Acq: 25 Jun 2021 20:17

Tgt Ion:166 Resp: 11557

Ion	Ratio	Lower	Upper
166	100		
165	96.9	77.7	116.5
167	15.8	11.3	16.9

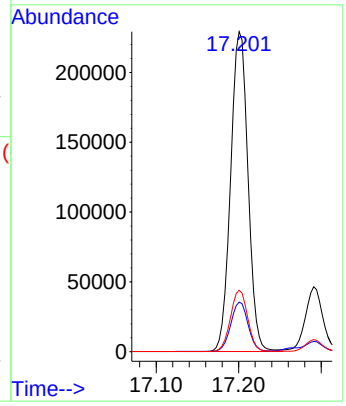


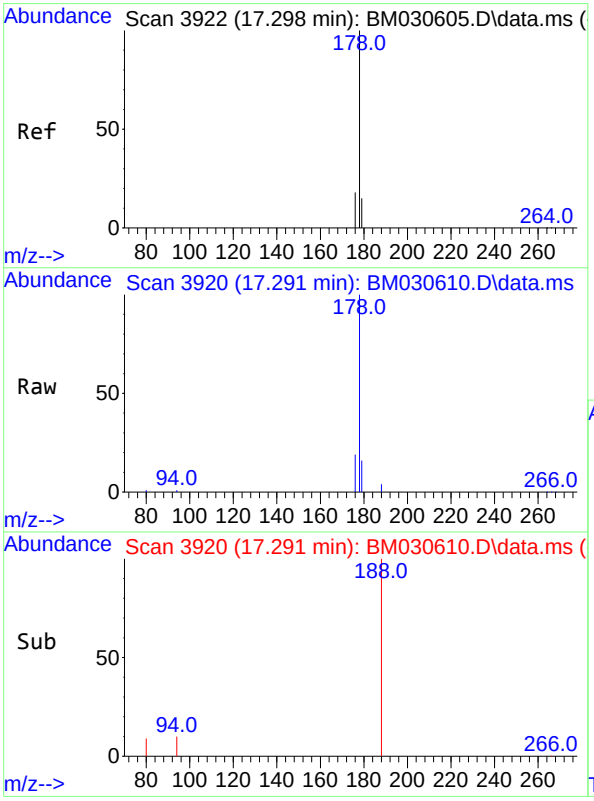


#15
Phenanthrene
Concen: 4.820 ng/ul
RT: 17.201 min Scan# 3894
Delta R.T. -0.003 min
Lab File: BM030610.D
Acq: 25 Jun 2021 20:17

Tgt Ion:178 Resp: 334911

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

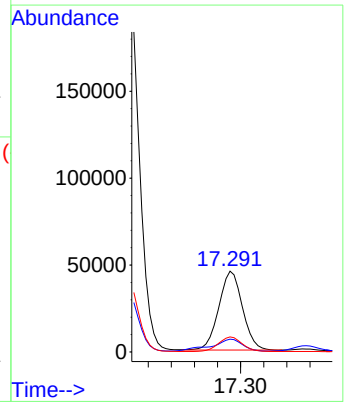




#16
Anthracene
Concen: 1.063 ng/ul
RT: 17.291 min Scan# 3920
Delta R.T. -0.007 min
Lab File: BM030610.D
Acq: 25 Jun 2021 20:17

Tgt Ion:178 Resp: 64726

Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.7	19.1
176	18.6	15.2	22.8



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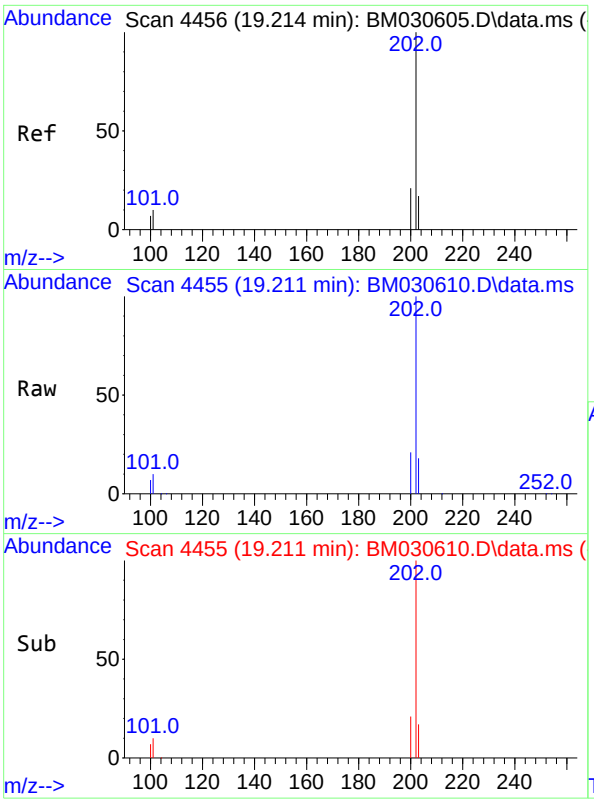
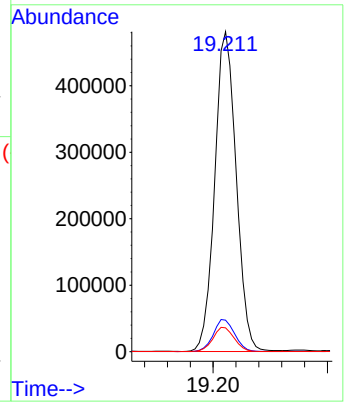
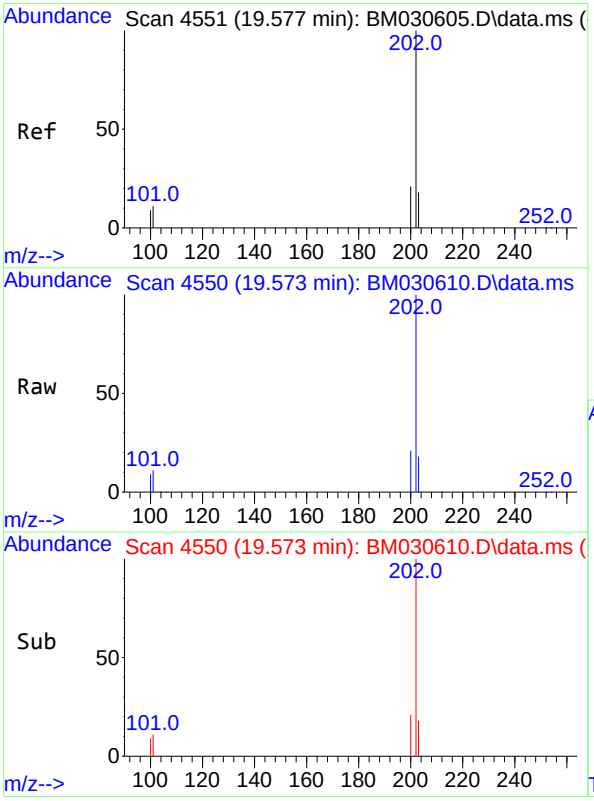


#19
Fluoranthene
Concen: 10.563 ng/ul
RT: 19.211 min Scan# 4455
Delta R.T. -0.003 min
Lab File: BM030610.D
Acq: 25 Jun 2021 20:17

Tgt Ion:202 Resp: 626575

Ion	Ratio	Lower	Upper
202	100		
101	9.9	8.8	13.2
100	7.5	6.9	10.3

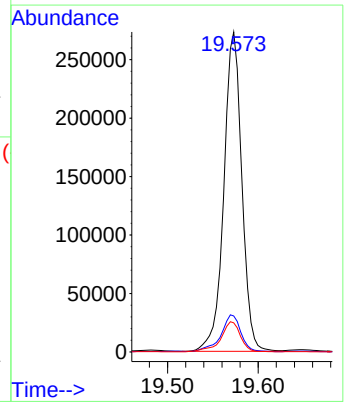




#20
Pyrene
Concen: 6.225 ng/ul
RT: 19.573 min Scan# 4550
Delta R.T. -0.003 min
Lab File: BM030610.D
Acq: 25 Jun 2021 20:17

Tgt Ion:202 Resp: 378317

Ion	Ratio	Lower	Upper
202	100		
101	11.2	10.1	15.1
100	9.1	8.2	12.2



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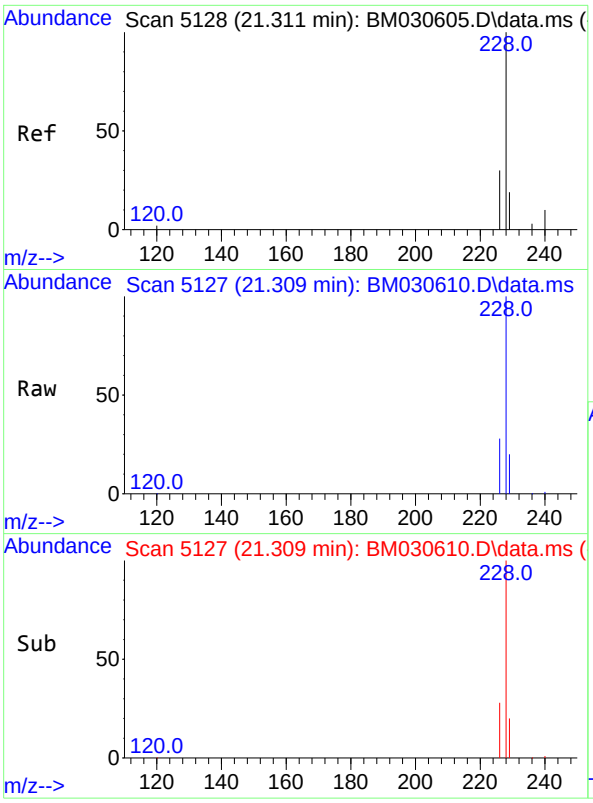
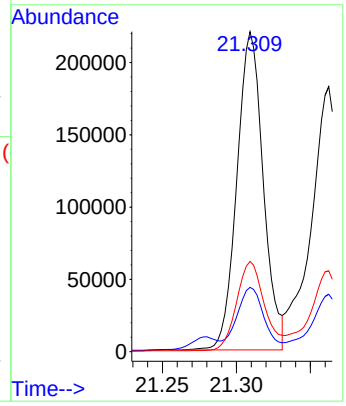


#21
Benzo(a)anthracene
Concen: 5.323 ng/ul
RT: 21.309 min Scan# 5127
Delta R.T. -0.004 min
Lab File: BM030610.D
Acq: 25 Jun 2021 20:17

Tgt Ion:228 Resp: 272831

Ion	Ratio	Lower	Upper
228	100		
229	20.1	15.8	23.6
226	28.2	22.2	33.4



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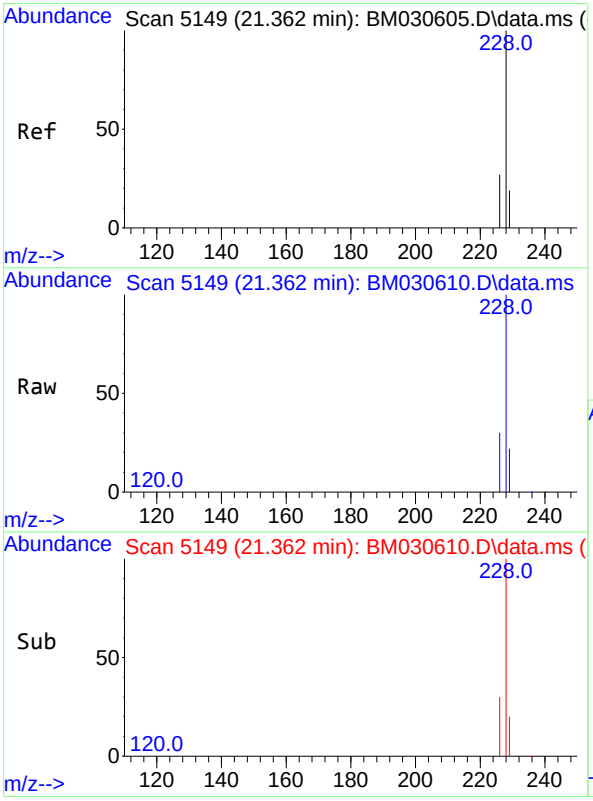
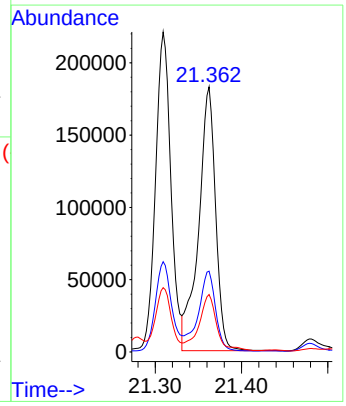
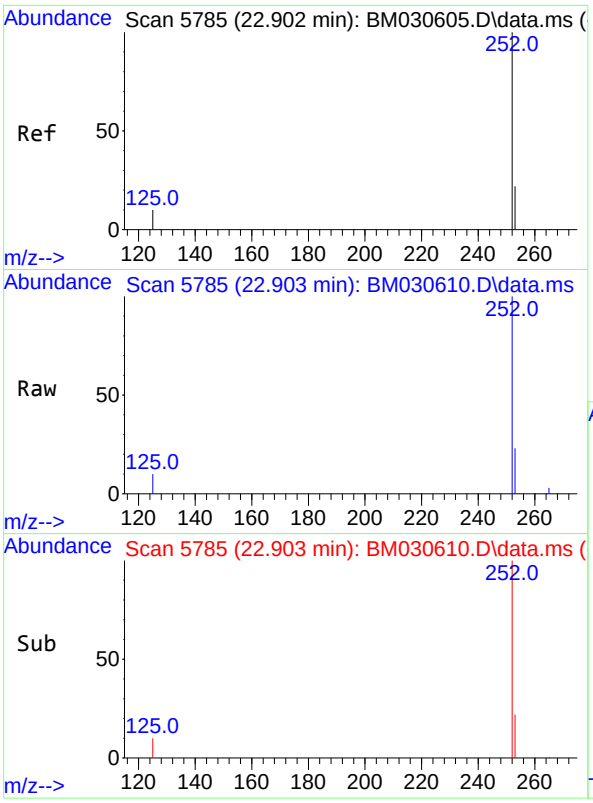


#22
Chrysene
Concen: 4.400 ng/ul
RT: 21.362 min Scan# 5149
Delta R.T. -0.002 min
Lab File: BM030610.D
Acq: 25 Jun 2021 20:17

Tgt Ion:228 Resp: 250359

Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.4	36.6
229	21.6	15.4	23.0

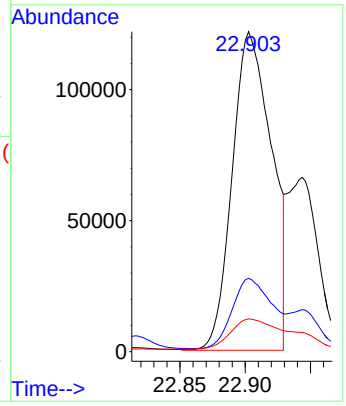


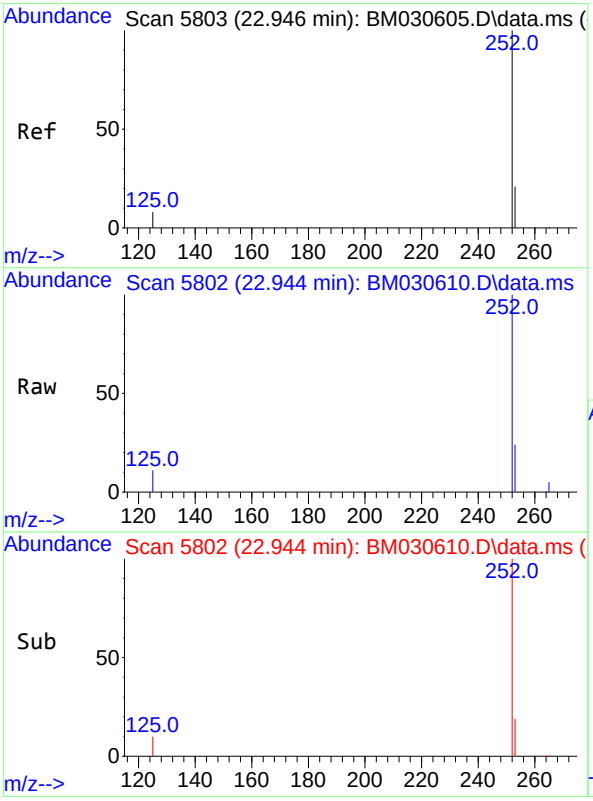


#24
Benzo(b)fluoranthene
Concen: 4.728 ng/ul m
RT: 22.903 min Scan# 5785
Delta R.T. -0.004 min
Lab File: BM030610.D
Acq: 25 Jun 2021 20:17

Tgt Ion:252 Resp: 254808

Ion	Ratio	Lower	Upper
252	100		
253	22.9	0.0	50.2
125	10.3	0.0	27.8

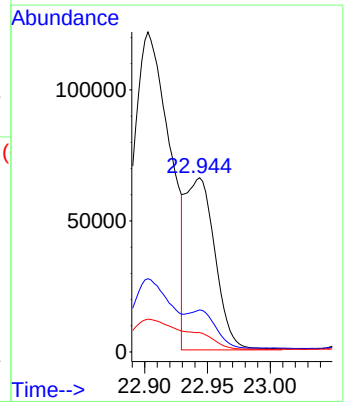




#25
Benzo(k)fluoranthene
Concen: 1.907 ng/ul m
RT: 22.944 min Scan# 5802
Delta R.T. -0.009 min
Lab File: BM030610.D
Acq: 25 Jun 2021 20:17

Tgt Ion:252 Resp: 107808

Ion	Ratio	Lower	Upper
252	100		
253	24.1	20.6	31.0
125	11.1	11.0	16.4



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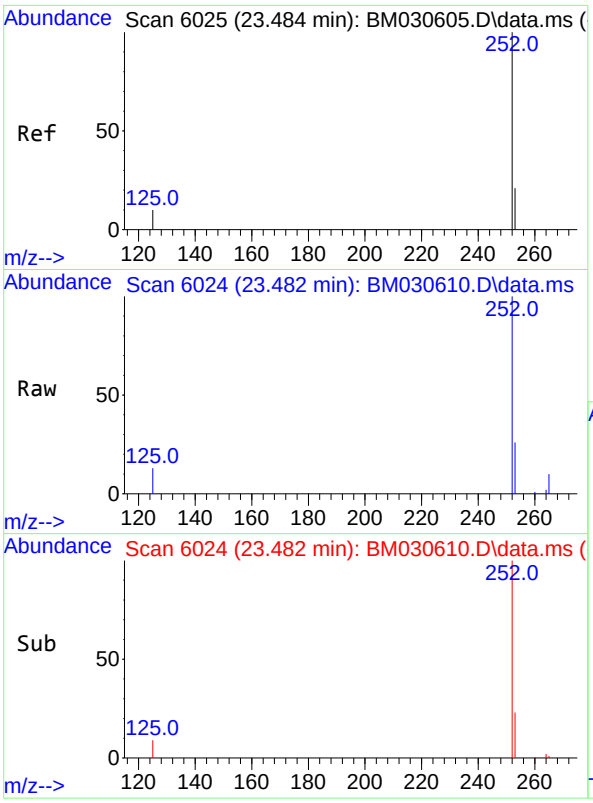
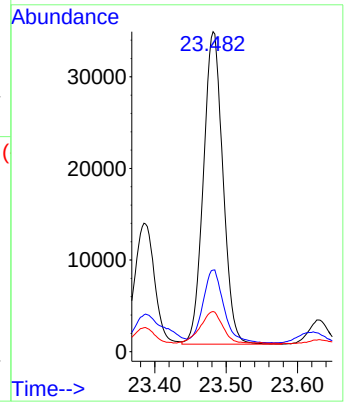
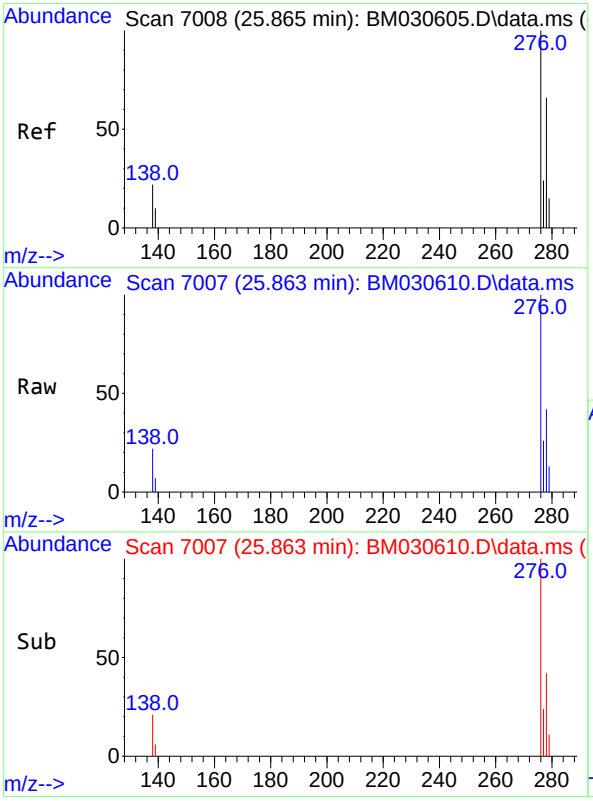


#26
Benzo(a)pyrene
Concen: 1.353 ng/ul
RT: 23.482 min Scan# 6024
Delta R.T. -0.007 min
Lab File: BM030610.D
Acq: 25 Jun 2021 20:17

Tgt Ion:252 Resp: 64701

Ion	Ratio	Lower	Upper
252	100		
253	25.5	22.0	33.0
125	12.6	13.4	20.2#

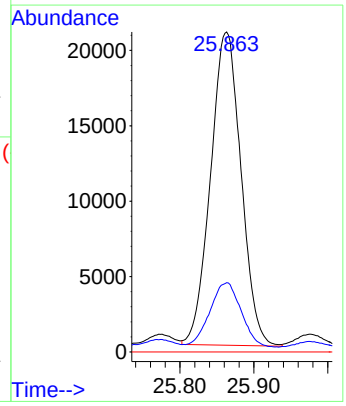




#27
Indeno(1,2,3-cd)pyrene
Concen: 0.981 ng/ul
RT: 25.863 min Scan# 7007
Delta R.T. -0.009 min
Lab File: BM030610.D
Acq: 25 Jun 2021 20:17

Tgt Ion:276 Resp: 59629

Ion	Ratio	Lower	Upper
276	100		
138	21.5	19.1	28.7
227	0.0	0.0	0.0



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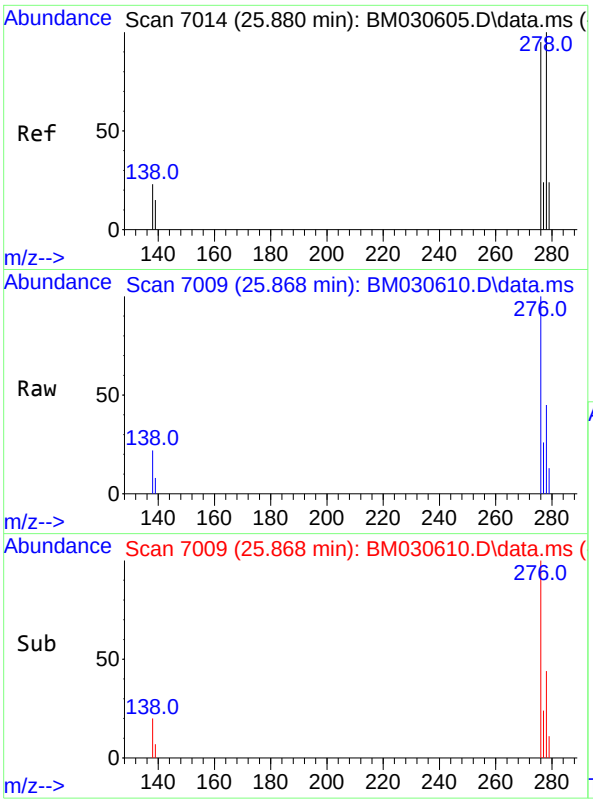
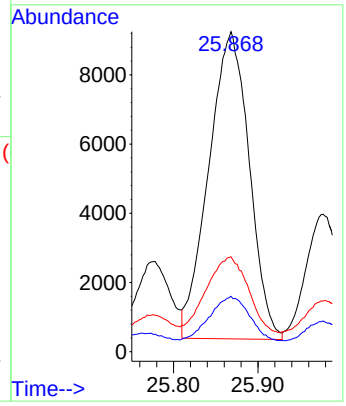


#28
Dibenzo(a,h)anthracene
Concen: 0.610 ng/ul
RT: 25.868 min Scan# 7009
Delta R.T. -0.019 min
Lab File: BM030610.D
Acq: 25 Jun 2021 20:17

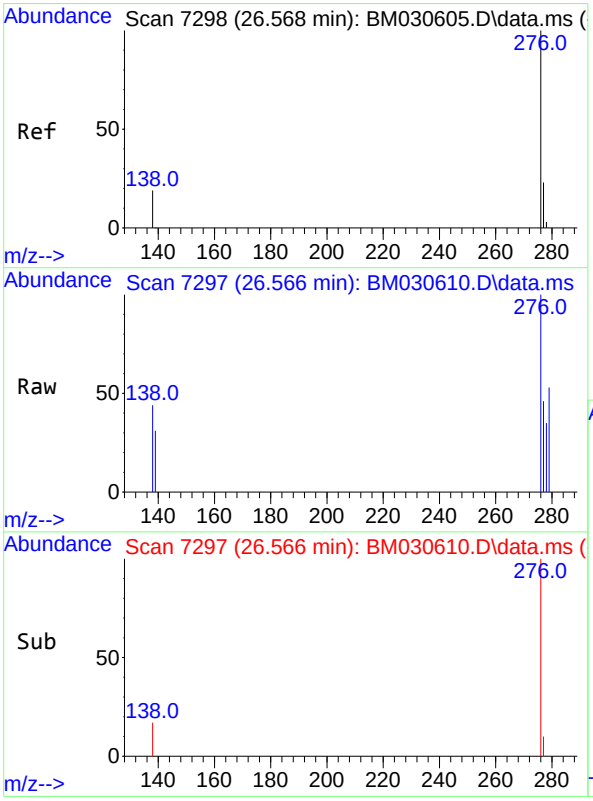
Tgt Ion:278 Resp: 29601

Ion	Ratio	Lower	Upper
278	100		
139	17.3	14.2	21.4
279	29.6	21.6	32.4



Instrument :
BNA_M
ClientSampleId :
BGD91DL

Manual Integrations APPROVED
mohammad
6/28/2021 1:21:36 PM



#29
Benzo(g,h,i)perylene
Concen: 0.048 ng/ul
RT: 26.566 min Scan# 7297
Delta R.T. -0.002 min
Lab File: BM030610.D
Acq: 25 Jun 2021 20:17

Tgt Ion:276 Resp: 2504

Ion	Ratio	Lower	Upper
276	100		
138	43.9	18.0	27.0#
277	46.1	19.5	29.3#