Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062821\
Data File : BM030689.D
Acq On : 29 Jun 2021 13:44
Operator : CG/JU
Sample : M2808-01
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGFY4

Manual Integrations APPROVED
mohammad
6/30/2021 10:25:01 AM

Quant Time: Jun 29 14:43:46 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM062821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 28 14:33:12 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.787	152	2157	0.400	ng/ul	0.00
4) Naphthalene-d8	10.571	136	8053	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.413	164	4982	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.151	188	9491m	0.400	ng/ul	0.00
17) Chrysene-d12	21.324	240	8468	0.400	ng/ul	0.00
23) Perylene-d12	23.582	264	10384	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	9344	3.975	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.163	152	4814	0.380	ng/ul	0.00
18) Fluoranthene-d10	19.176	212	11145	0.459	ng/ul	0.00
Target Compounds						Qvalue
10) Acenaphthylene	14.132	152	1670	0.075	ng/ul#	81
15) Phenanthrene	17.196	178	2824	0.089	ng/ul#	93
16) Anthracene	17.283	178	1142	0.041	ng/ul#	80
19) Fluoranthene	19.206	202	4496	0.120	ng/ul#	93
20) Pyrene	19.568	202	3434	0.091	ng/ul#	60
21) Benzo(a)anthracene	21.312	228	1566	0.046	ng/ul#	1
22) Chrysene	21.363	228	1236	0.033	ng/ul#	49
24) Benzo(b)fluoranthene	22.901	252	1427m	0.031	ng/ul	
25) Benzo(k)fluoranthene	22.942	252	1077m	0.023	ng/ul	
26) Benzo(a)pyrene	23.477	252	812m	0.021	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.861	276	1206	0.024	ng/ul#	95
29) Benzo(g,h,i)perylene	26.566	276	1072	0.024	ng/ul#	43

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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 28 14:33:12 2021
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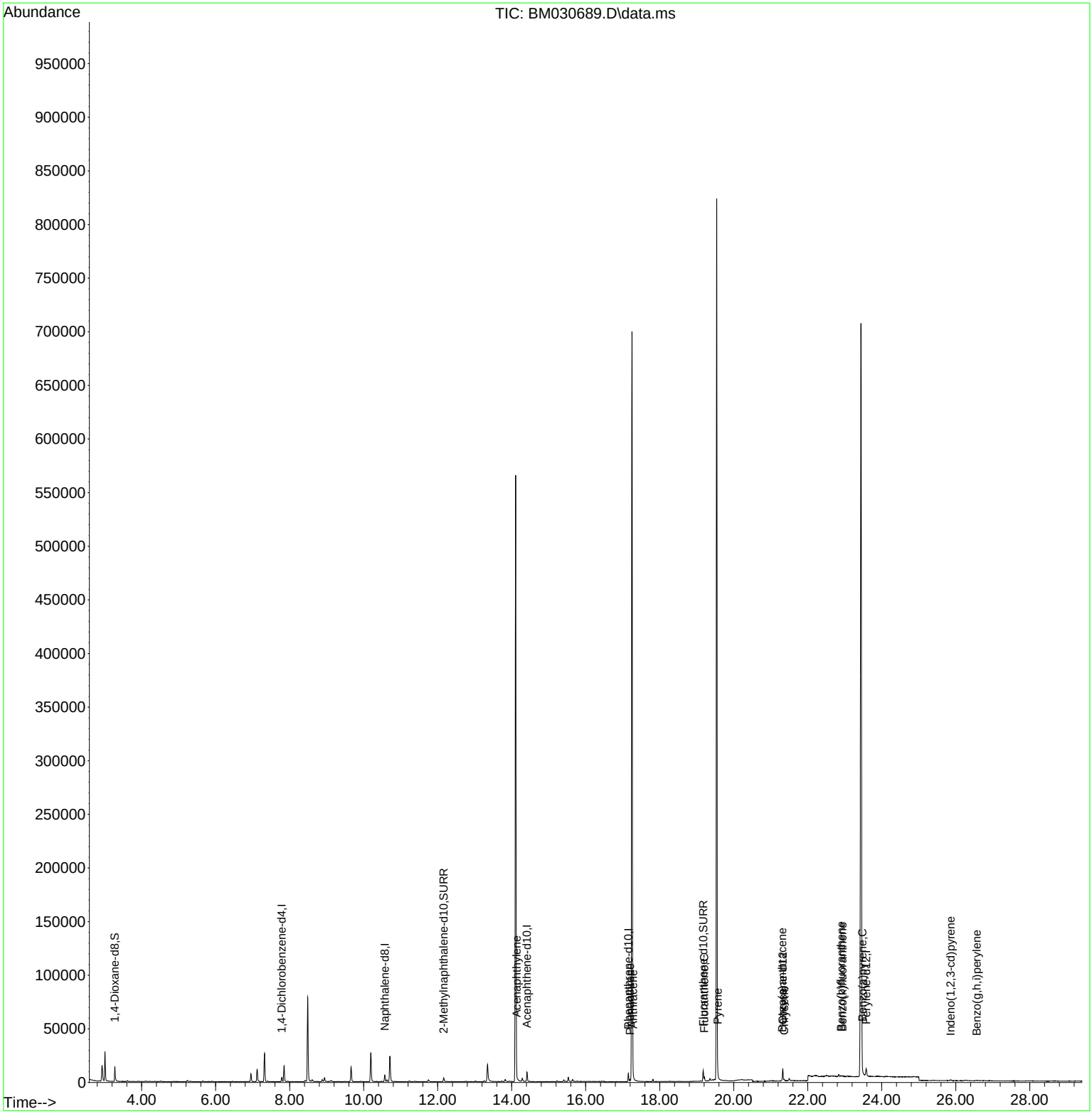
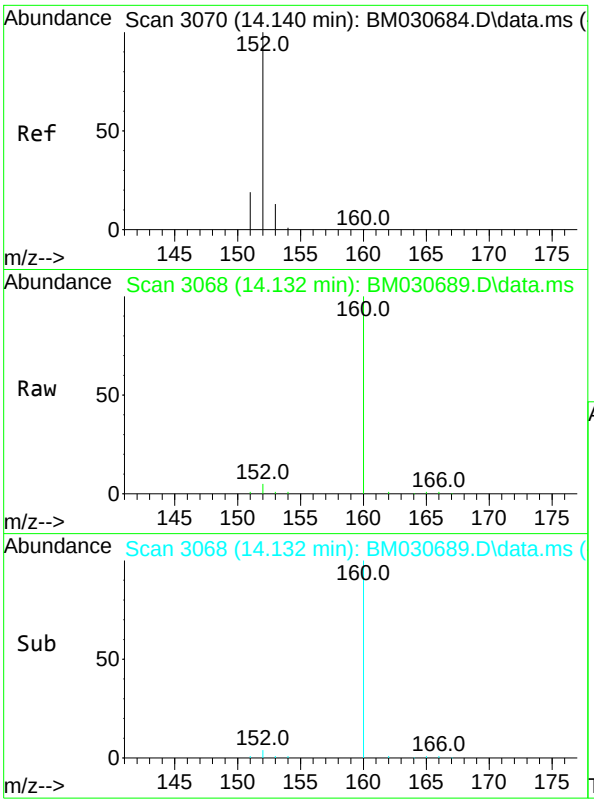
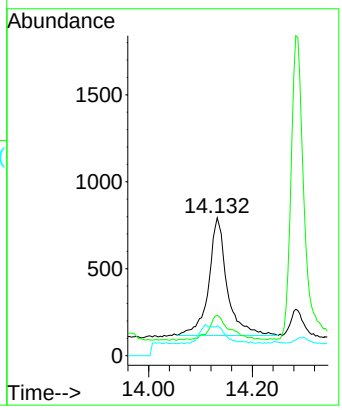




#10
Acenaphthylene
Concen: 0.075 ng/ul
RT: 14.132 min Scan# 3068
Delta R.T. -0.008 min
Lab File: BM030689.D
Acq: 29 Jun 2021 13:44

Tgt Ion:152 Resp: 1670

Ion	Ratio	Lower	Upper
152	100		
151	29.3	16.2	24.4#
153	21.6	11.4	17.0#



Instrument :
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ClientSampleId :
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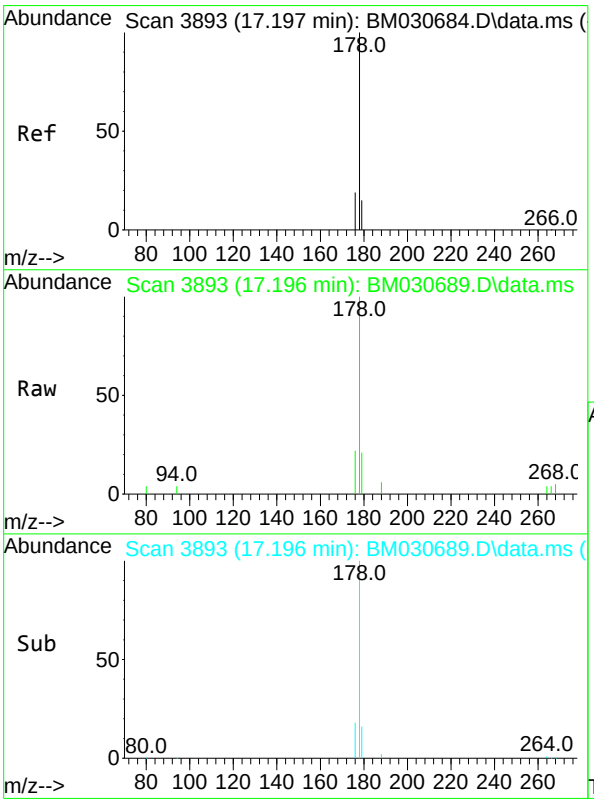
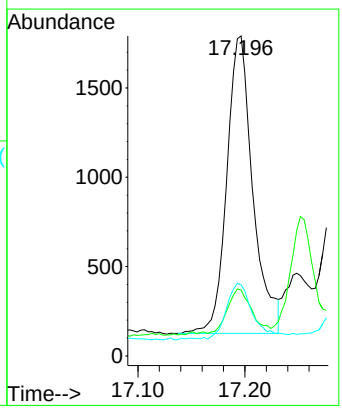
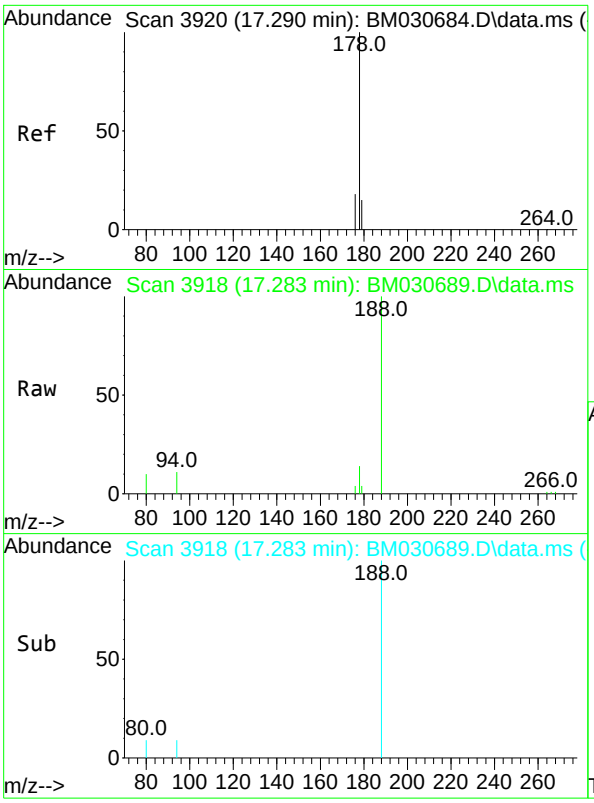


#15
Phenanthrene
Concen: 0.089 ng/ul
RT: 17.196 min Scan# 3893
Delta R.T. -0.004 min
Lab File: BM030689.D
Acq: 29 Jun 2021 13:44

Tgt Ion:178 Resp: 2824

Ion	Ratio	Lower	Upper
178	100		
179	20.7	13.3	19.9#
176	22.2	16.0	24.0

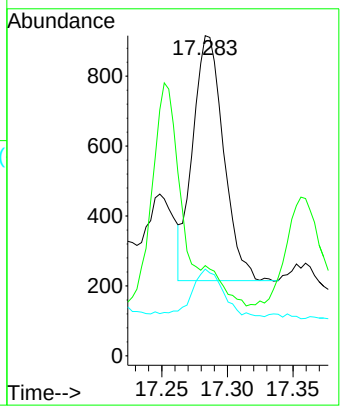




#16
Anthracene
Concen: 0.041 ng/ul
RT: 17.283 min Scan# 3918
Delta R.T. -0.007 min
Lab File: BM030689.D
Acq: 29 Jun 2021 13:44

Tgt Ion:178 Resp: 1142

Ion	Ratio	Lower	Upper
178	100		
179	28.2	14.0	21.0#
176	27.1	15.8	23.6#



Instrument :
BNA_M
ClientSampleId :
BGFY4

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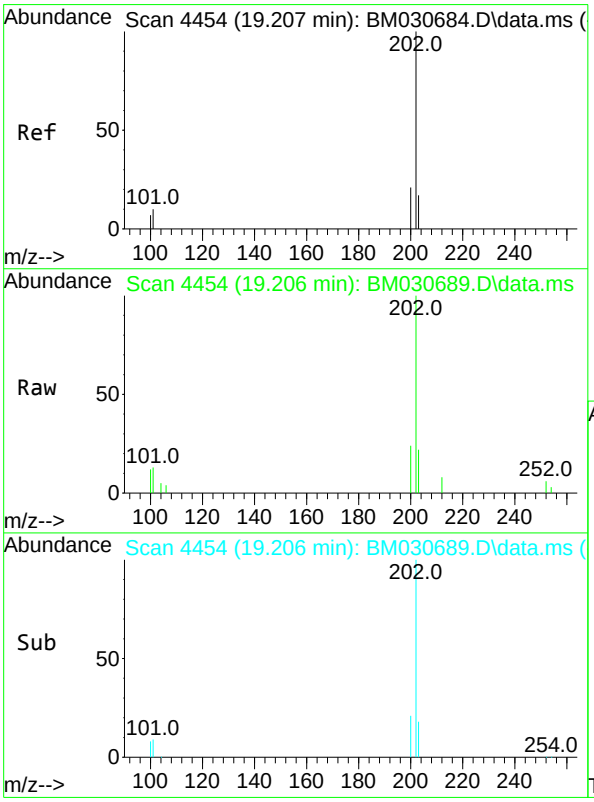
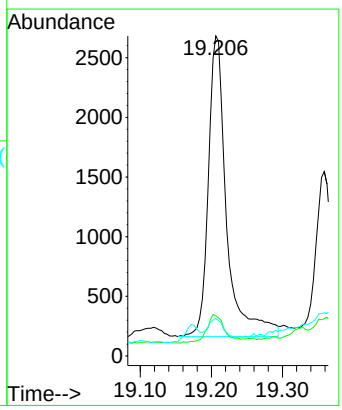
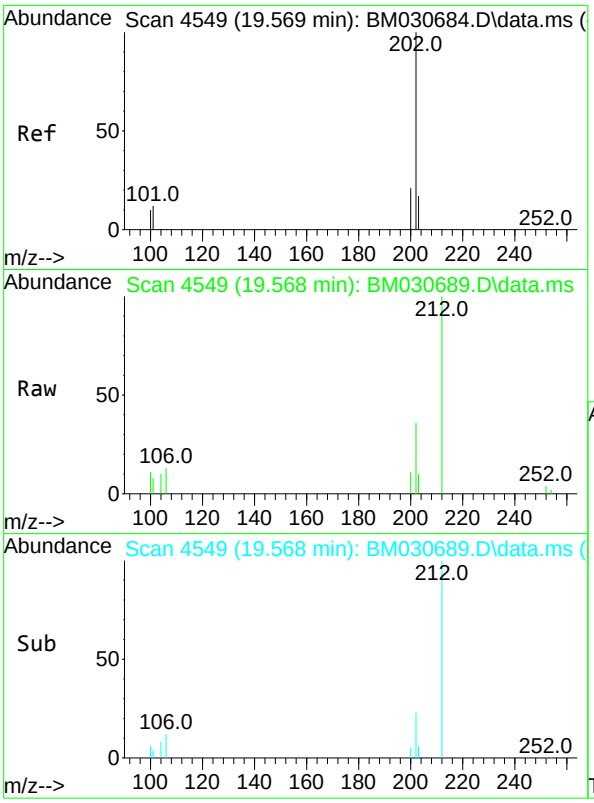


#19
Fluoranthene
Concen: 0.120 ng/ul
RT: 19.206 min Scan# 4454
Delta R.T. -0.004 min
Lab File: BM030689.D
Acq: 29 Jun 2021 13:44

Tgt Ion:202 Resp: 4496

Ion	Ratio	Lower	Upper
202	100		
101	12.6	8.7	13.1
100	11.8	6.6	9.8#

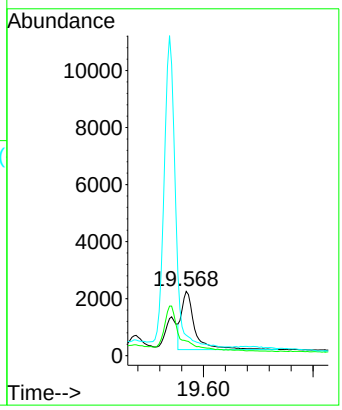




#20
Pyrene
Concen: 0.091 ng/ul
RT: 19.568 min Scan# 4549
Delta R.T. -0.000 min
Lab File: BM030689.D
Acq: 29 Jun 2021 13:44

Tgt Ion:202 Resp: 3434

Ion	Ratio	Lower	Upper
202	100		
101	23.0	10.2	15.4#
100	31.7	8.5	12.7#



Instrument :
BNA_M
ClientSampleId :
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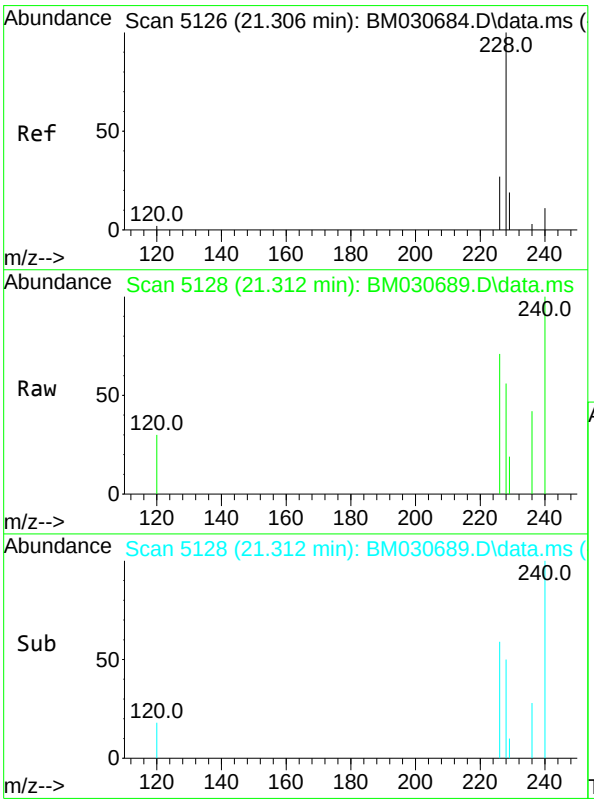
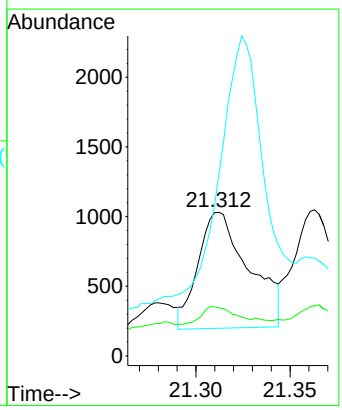
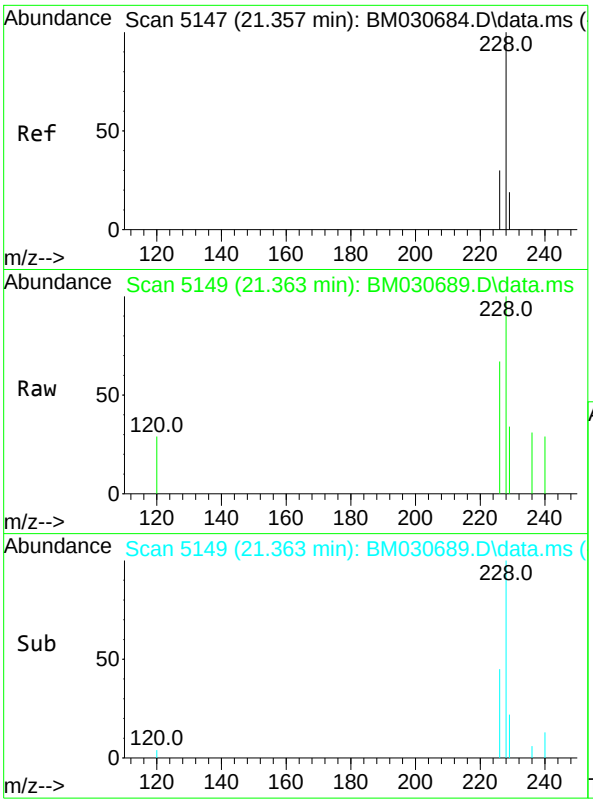


#21
Benzo(a)anthracene
Concen: 0.046 ng/ul
RT: 21.312 min Scan# 5128
Delta R.T. 0.003 min
Lab File: BM030689.D
Acq: 29 Jun 2021 13:44

Tgt Ion:228 Resp: 1566

Ion	Ratio	Lower	Upper
228	100		
229	33.4	16.2	24.2#
226	127.2	22.2	33.4#

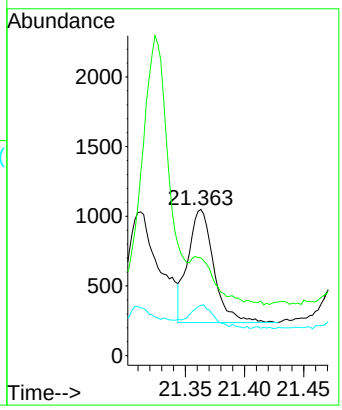


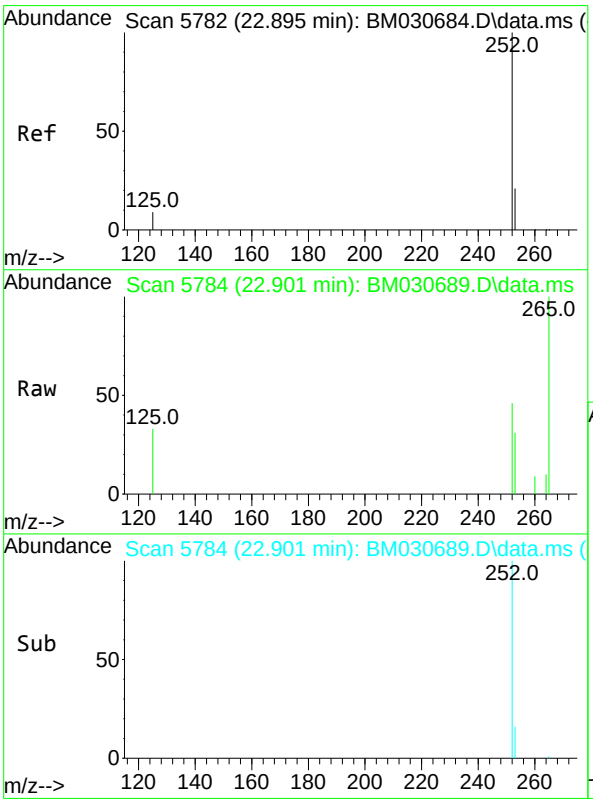


#22
Chrysene
Concen: 0.033 ng/ul
RT: 21.363 min Scan# 5149
Delta R.T. 0.001 min
Lab File: BM030689.D
Acq: 29 Jun 2021 13:44

Tgt Ion:228 Resp: 1236

Ion	Ratio	Lower	Upper
228	100		
226	66.9	24.9	37.3#
229	34.3	16.2	24.2#

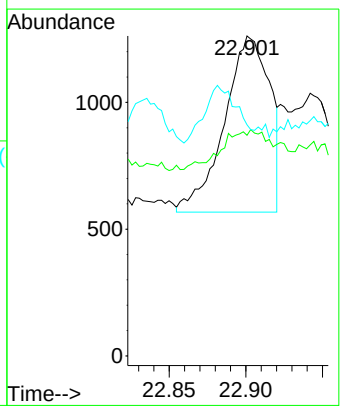




#24
Benzo(b)fluoranthene
Concen: 0.031 ng/ul m
RT: 22.901 min Scan# 5784
Delta R.T. 0.001 min
Lab File: BM030689.D
Acq: 29 Jun 2021 13:44

Tgt Ion:252 Resp: 1427

Ion	Ratio	Lower	Upper
252	100		
253	68.9	0.0	57.8#
125	72.3	0.0	33.2#



Instrument :
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ClientSampleId :
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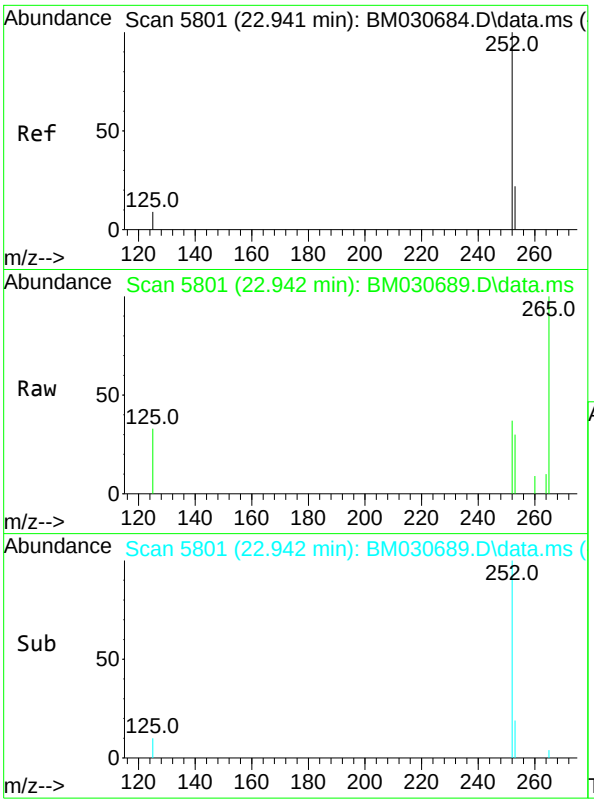
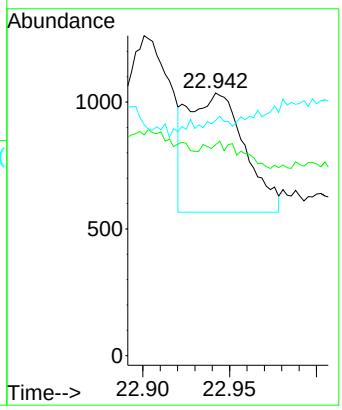
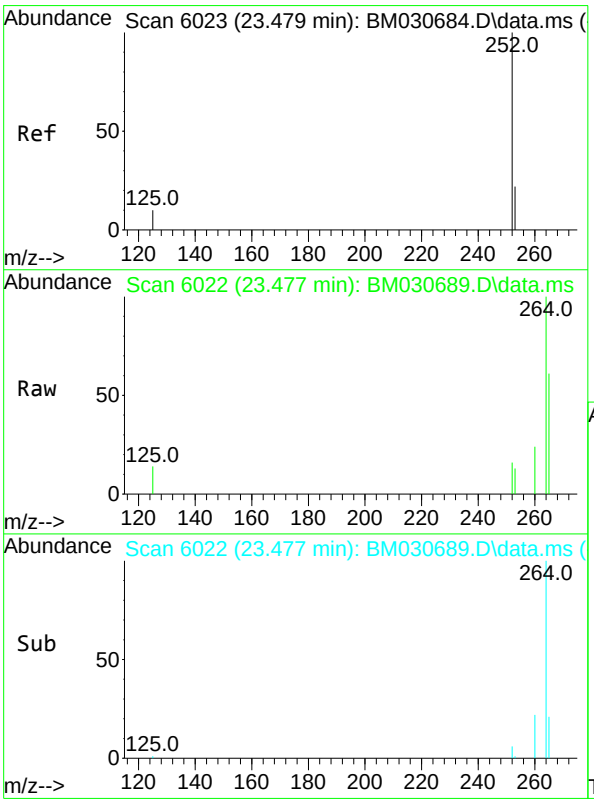


#25
Benzo(k)fluoranthene
Concen: 0.023 ng/ul m
RT: 22.942 min Scan# 5801
Delta R.T. -0.004 min
Lab File: BM030689.D
Acq: 29 Jun 2021 13:44

Tgt Ion:252 Resp: 1077

Ion	Ratio	Lower	Upper
252	100		
253	80.3	23.2	34.8#
125	89.6	12.6	19.0#

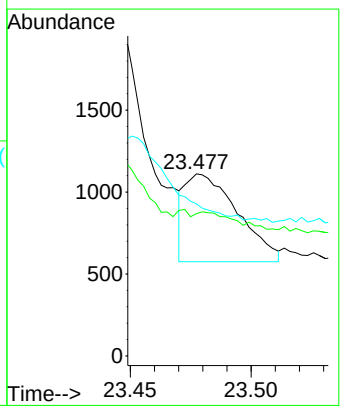




#26
Benzo(a)pyrene
Concen: 0.021 ng/ul m
RT: 23.477 min Scan# 6022
Delta R.T. -0.004 min
Lab File: BM030689.D
Acq: 29 Jun 2021 13:44

Tgt Ion:252 Resp: 812

Ion	Ratio	Lower	Upper
252	100		
253	78.1	25.5	38.3#
125	83.5	15.8	23.6#



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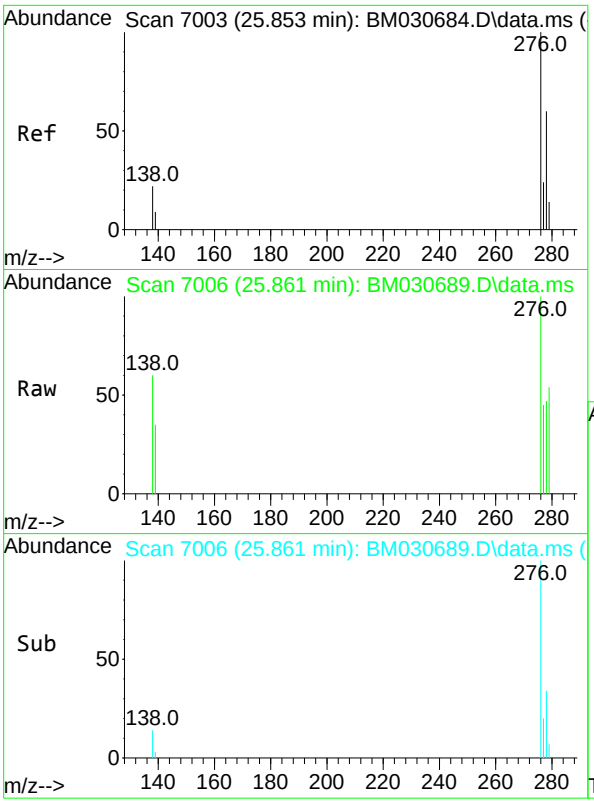
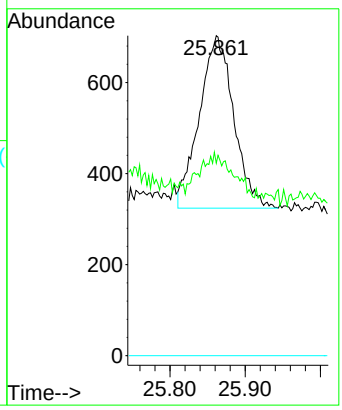
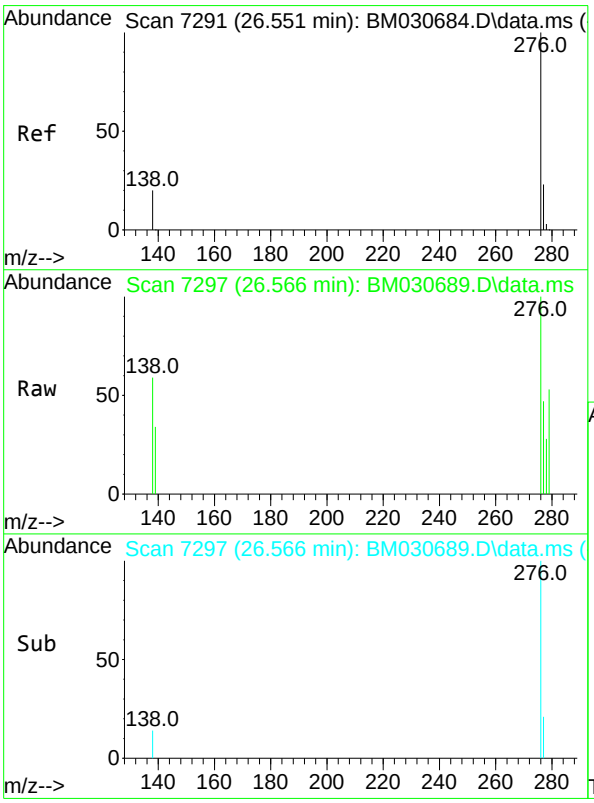


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.024 ng/ul
RT: 25.861 min Scan# 7006
Delta R.T. -0.001 min
Lab File: BM030689.D
Acq: 29 Jun 2021 13:44

Tgt Ion:276 Resp: 1206

Ion	Ratio	Lower	Upper
276	100		
138	20.3	18.2	27.4
227	0.0	0.0	0.0

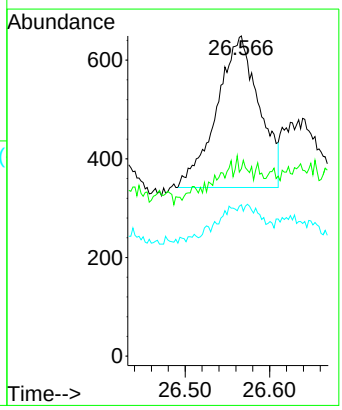




#29
Benzo(g,h,i)perylene
Concen: 0.024 ng/ul
RT: 26.566 min Scan# 7297
Delta R.T. 0.008 min
Lab File: BM030689.D
Acq: 29 Jun 2021 13:44

Tgt Ion:276 Resp: 1072

Ion	Ratio	Lower	Upper
276	100		
138	58.6	18.1	27.1#
277	47.3	20.9	31.3#



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