Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080221\
Data File : BM031421.D
Acq On : 03 Aug 2021 20:58
Operator : CG/JU
Sample : M3122-10DL 5X
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGER6DL

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Quant Time: Aug 04 02:37:52 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 : Tue Aug 03 13:47:07 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.601	152	1479	0.400	ng/ul	0.00
4) Naphthalene-d8	10.361	136	5578	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.227	164	3078	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.975	188	5801	0.400	ng/ul	0.00
17) Chrysene-d12	21.166	240	4375	0.400	ng/ul	0.00
23) Perylene-d12	23.329	264	4245	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.196	96	724	0.441	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.957	152	240	0.026	ng/ul	0.00
18) Fluoranthene-d10	19.009	212	444	0.030	ng/ul	0.00
Target Compounds						Qvalue
10) Acenaphthylene	13.950	152	288	0.022	ng/ul#	62
15) Phenanthrene	17.016	178	869	0.047	ng/ul#	87
16) Anthracene	17.110	178	643	0.037	ng/ul#	75
19) Fluoranthene	19.039	202	6118	0.327	ng/ul	96
20) Pyrene	19.401	202	4086	0.216	ng/ul#	95
21) Benzo(a)anthracene	21.152	228	3708	0.210	ng/ul	92
22) Chrysene	21.202	228	2897	0.158	ng/ul	96
24) Benzo(b)fluoranthene	22.687	252	3708m	0.194	ng/ul	
25) Benzo(k)fluoranthene	22.721	252	1401m	0.071	ng/ul	
26) Benzo(a)pyrene	23.234	252	1372	0.082	ng/ul#	27
27) Indeno(1,2,3-cd)pyrene	25.466	276	1027	0.047	ng/ul#	68
28) Dibenzo(a,h)anthracene	25.475	278	455	0.026	ng/ul#	1

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

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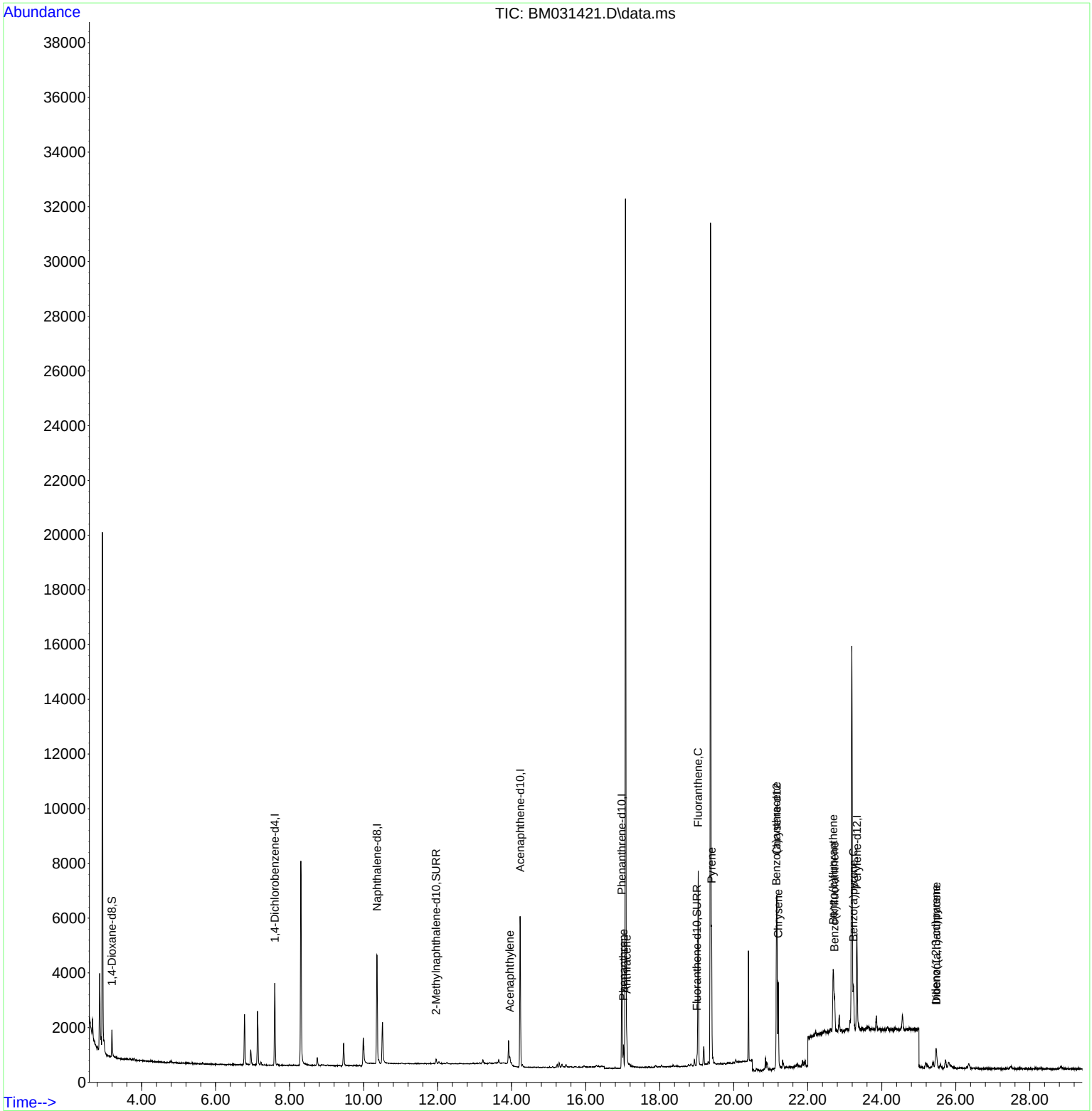
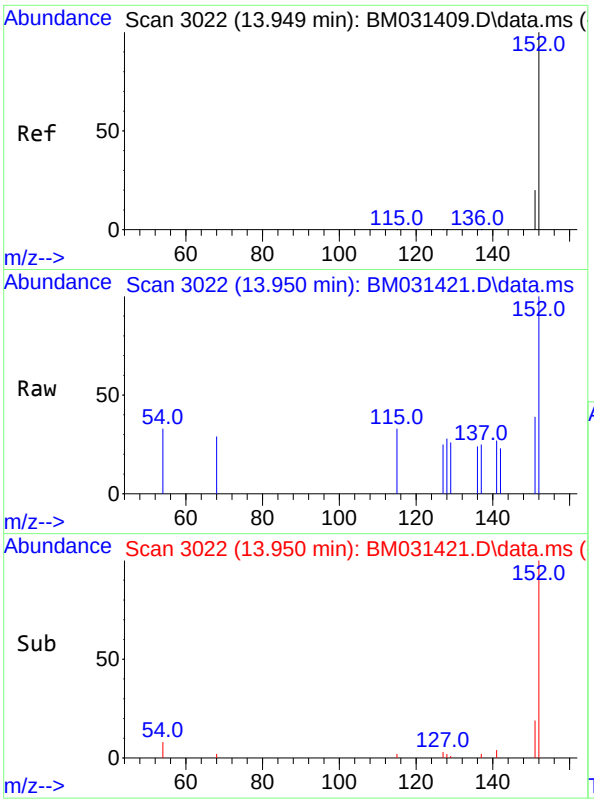
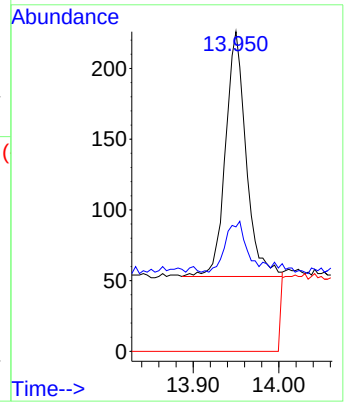




#10
Acenaphthylene
Concen: 0.022 ng/ul
RT: 13.950 min Scan# 3022
Delta R.T. 0.001 min
Lab File: BM031421.D
Acq: 03 Aug 2021 20:58

Tgt Ion:152 Resp: 288

Ion	Ratio	Lower	Upper
152	100		
151	38.9	16.9	25.3#
153	0.0	0.0	0.0



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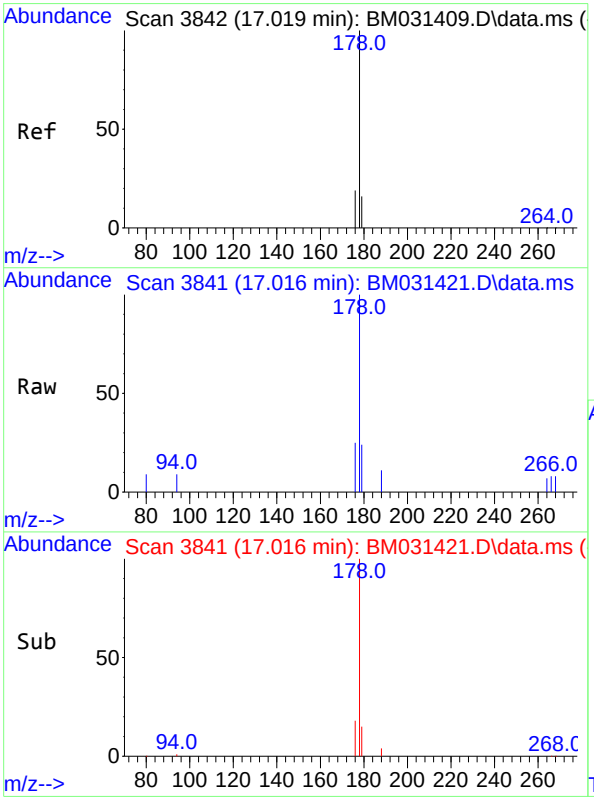
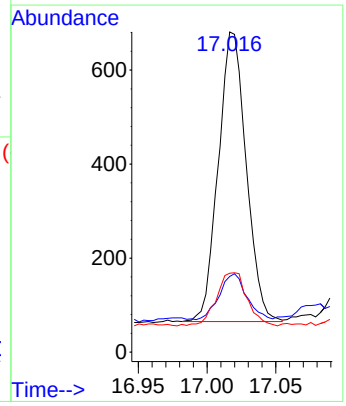
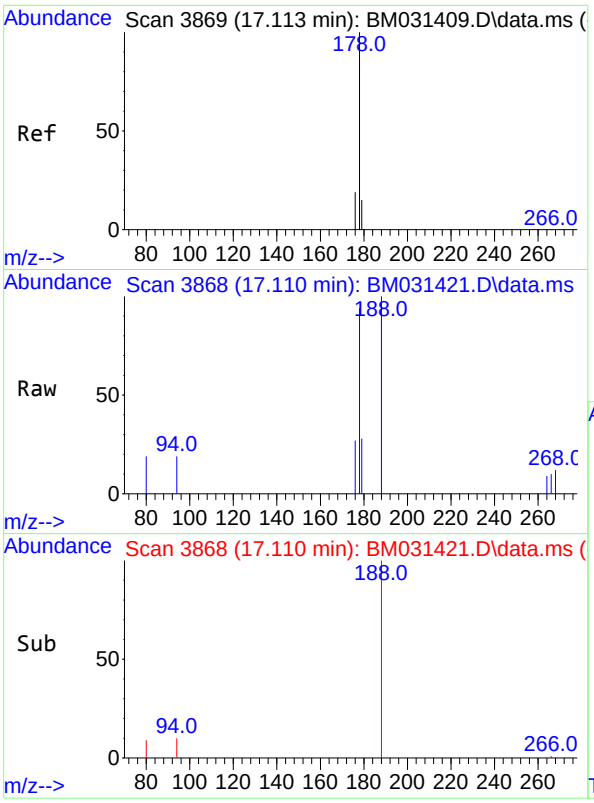


#15
Phenanthrene
Concen: 0.047 ng/ul
RT: 17.016 min Scan# 3841
Delta R.T. -0.003 min
Lab File: BM031421.D
Acq: 03 Aug 2021 20:58

Tgt Ion:178 Resp: 869

Ion	Ratio	Lower	Upper
178	100		
179	23.6	13.3	19.9#
176	24.7	16.2	24.4#

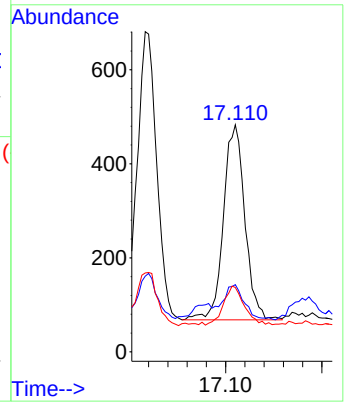




#16
Anthracene
Concen: 0.037 ng/ul
RT: 17.110 min Scan# 3868
Delta R.T. -0.003 min
Lab File: BM031421.D
Acq: 03 Aug 2021 20:58

Tgt Ion:178 Resp: 643

Ion	Ratio	Lower	Upper
178	100		
179	29.6	13.0	19.6#
176	28.4	15.6	23.4#



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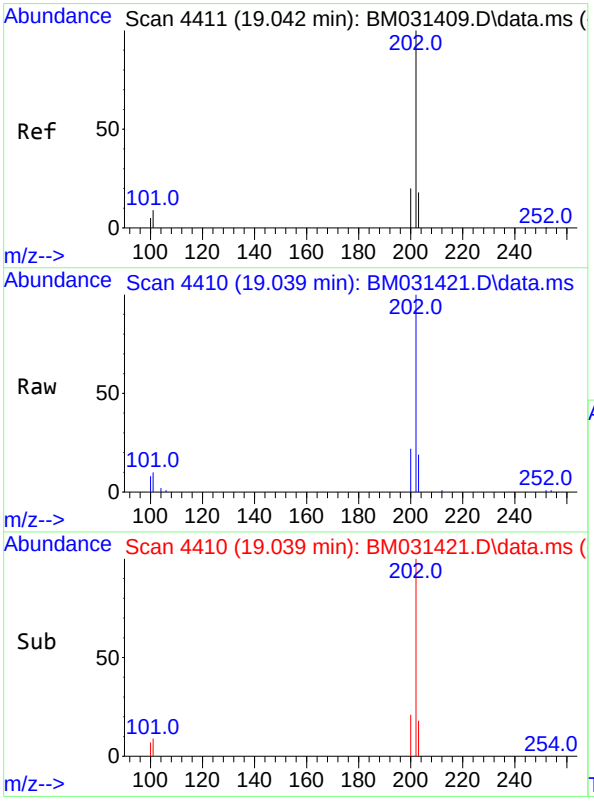
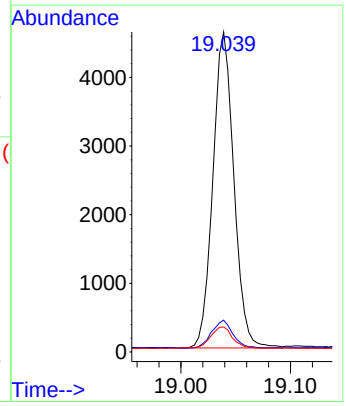
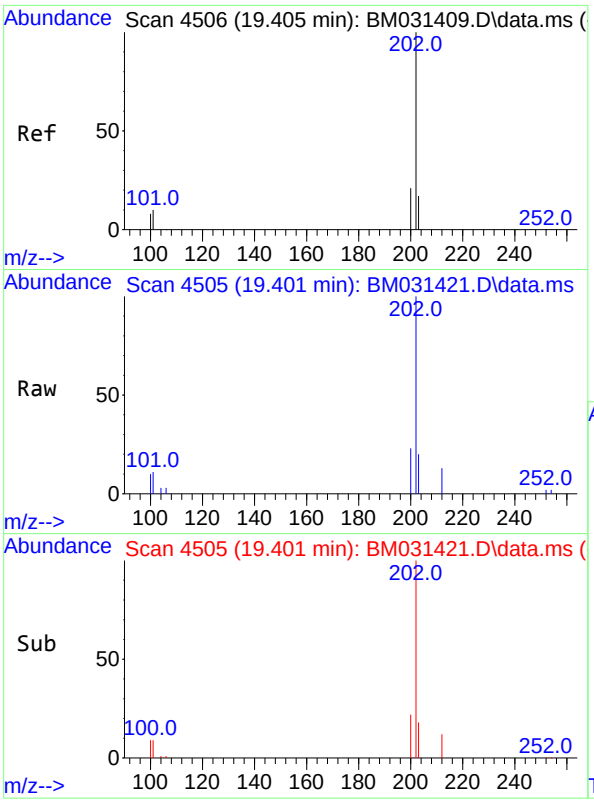


#19
Fluoranthene
Concen: 0.327 ng/ul
RT: 19.039 min Scan# 4410
Delta R.T. -0.003 min
Lab File: BM031421.D
Acq: 03 Aug 2021 20:58

Tgt Ion:202 Resp: 6118

Ion	Ratio	Lower	Upper
202	100		
101	9.9	6.6	10.0
100	7.8	5.4	8.0

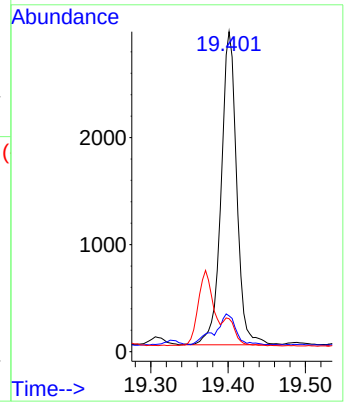




#20
Pyrene
Concen: 0.216 ng/ul
RT: 19.401 min Scan# 4505
Delta R.T. -0.003 min
Lab File: BM031421.D
Acq: 03 Aug 2021 20:58

Tgt Ion:202 Resp: 4086

Ion	Ratio	Lower	Upper
202	100		
101	11.2	7.8	11.6
100	10.3	6.6	10.0#



Instrument :
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ClientSampleId :
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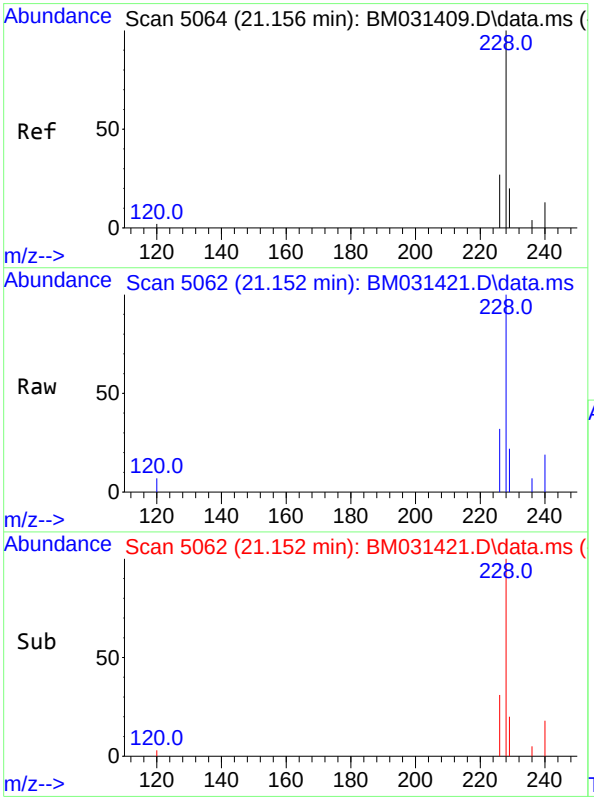
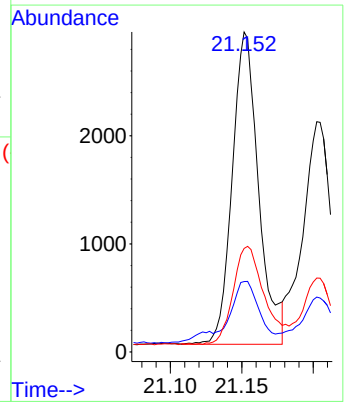
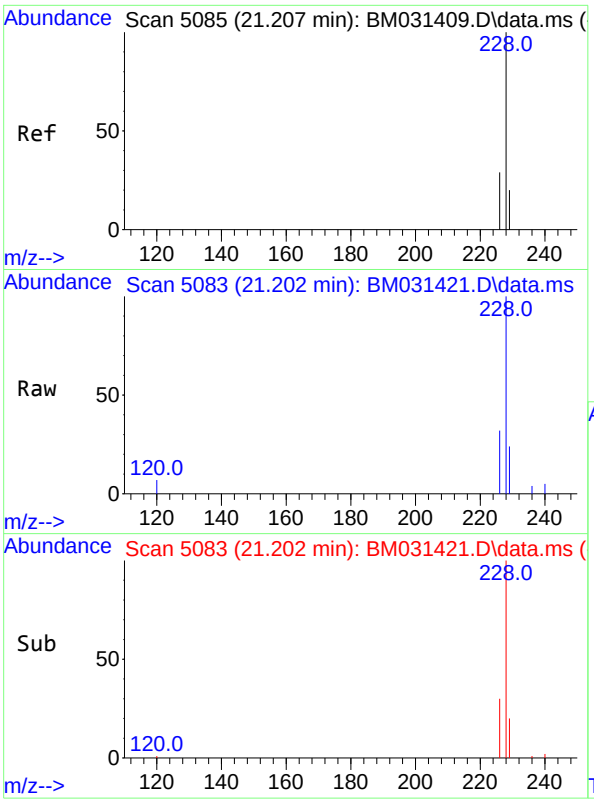


#21
Benzo(a)anthracene
Concen: 0.210 ng/ul
RT: 21.152 min Scan# 5062
Delta R.T. -0.004 min
Lab File: BM031421.D
Acq: 03 Aug 2021 20:58

Tgt Ion:228 Resp: 3708

Ion	Ratio	Lower	Upper
228	100		
229	22.0	15.6	23.4
226	32.4	21.7	32.5

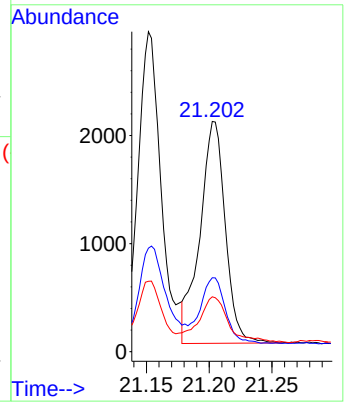




#22
Chrysene
Concen: 0.158 ng/ul
RT: 21.202 min Scan# 5083
Delta R.T. -0.004 min
Lab File: BM031421.D
Acq: 03 Aug 2021 20:58

Tgt Ion:228 Resp: 2897

Ion	Ratio	Lower	Upper
228	100		
226	32.1	24.7	37.1
229	23.8	16.2	24.2



Instrument :
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ClientSampleId :
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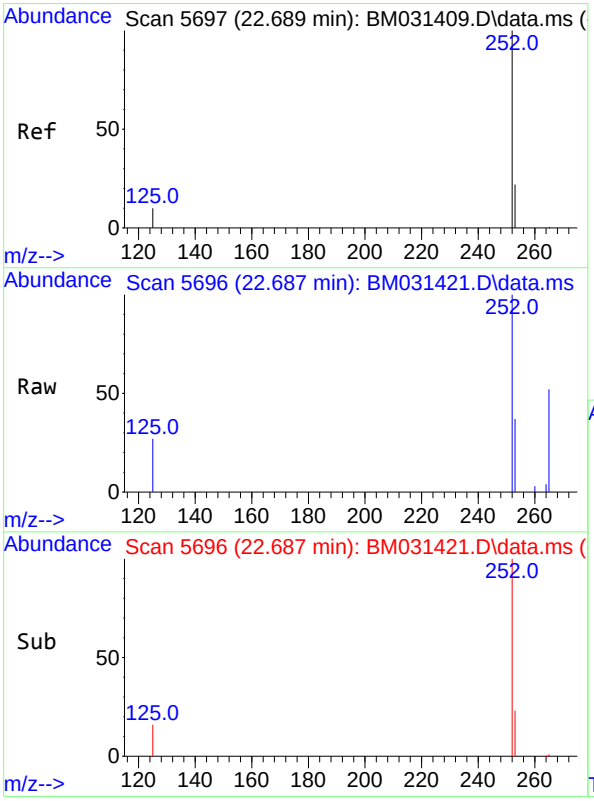
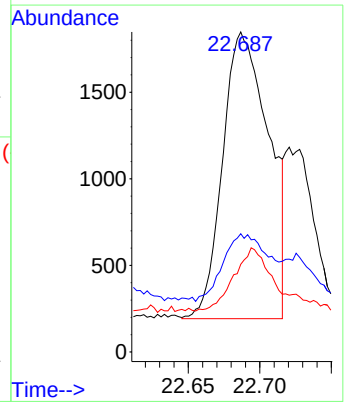
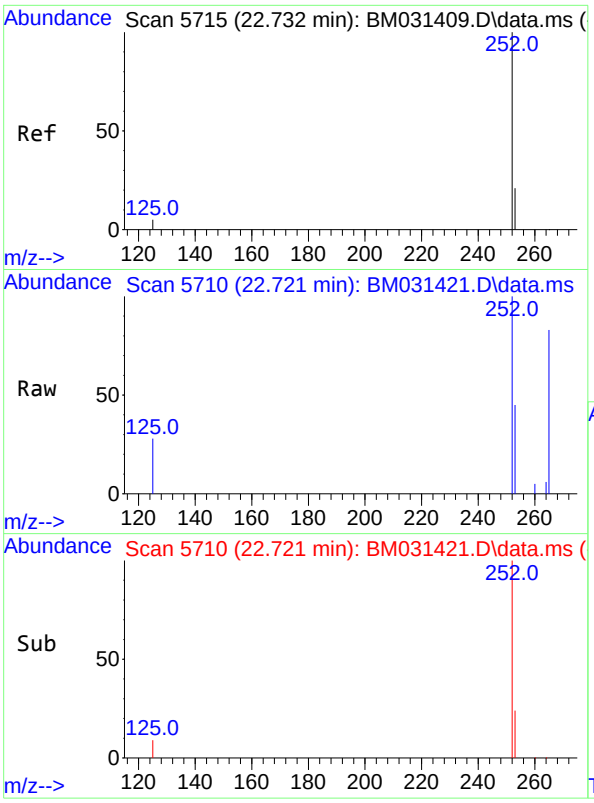


#24
Benzo(b)fluoranthene
Concen: 0.194 ng/ul m
RT: 22.687 min Scan# 5696
Delta R.T. -0.002 min
Lab File: BM031421.D
Acq: 03 Aug 2021 20:58

Tgt Ion:252 Resp: 3708

Ion	Ratio	Lower	Upper
252	100		
253	37.0	0.0	53.0
125	27.4	0.0	22.8#

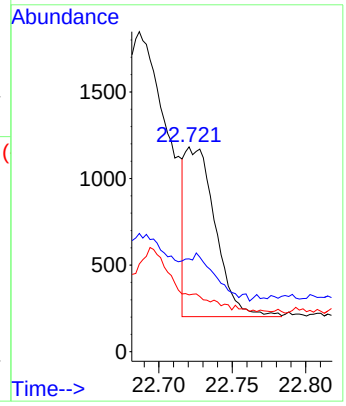


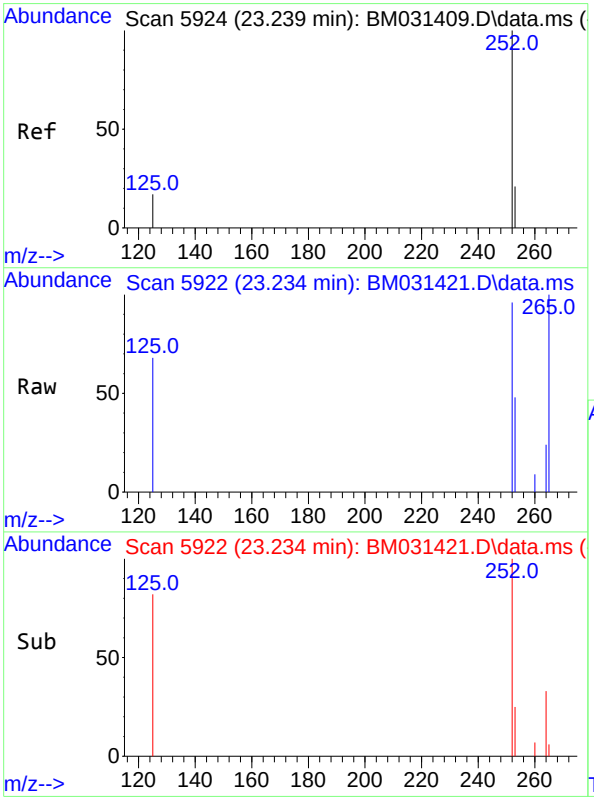


#25
Benzo(k)fluoranthene
Concen: 0.071 ng/ul m
RT: 22.721 min Scan# 5710
Delta R.T. -0.012 min
Lab File: BM031421.D
Acq: 03 Aug 2021 20:58

Tgt Ion:252 Resp: 1401

Ion	Ratio	Lower	Upper
252	100		
253	45.3	21.3	31.9#
125	27.7	8.8	13.2#

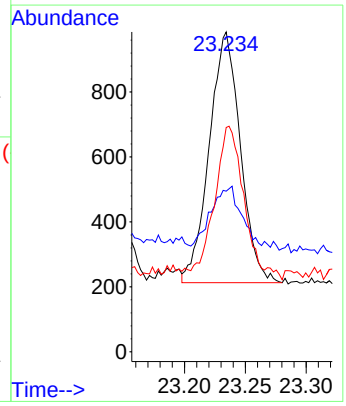




#26
Benzo(a)pyrene
Concen: 0.082 ng/ul
RT: 23.234 min Scan# 5922
Delta R.T. -0.004 min
Lab File: BM031421.D
Acq: 03 Aug 2021 20:58

Tgt Ion:252 Resp: 1372

Ion	Ratio	Lower	Upper
252	100		
253	50.3	22.4	33.6#
125	70.2	13.0	19.4#



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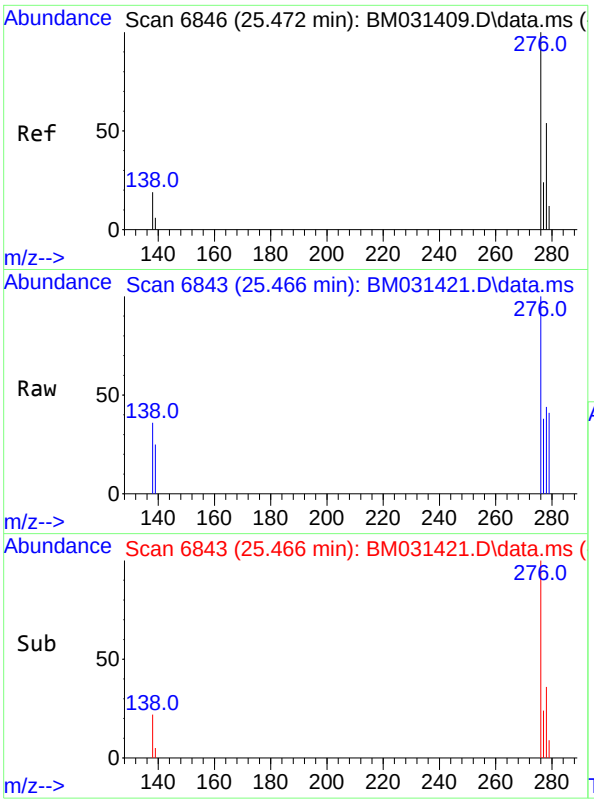
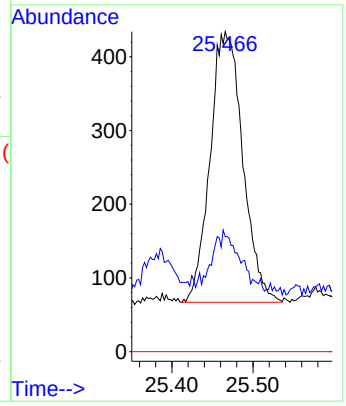
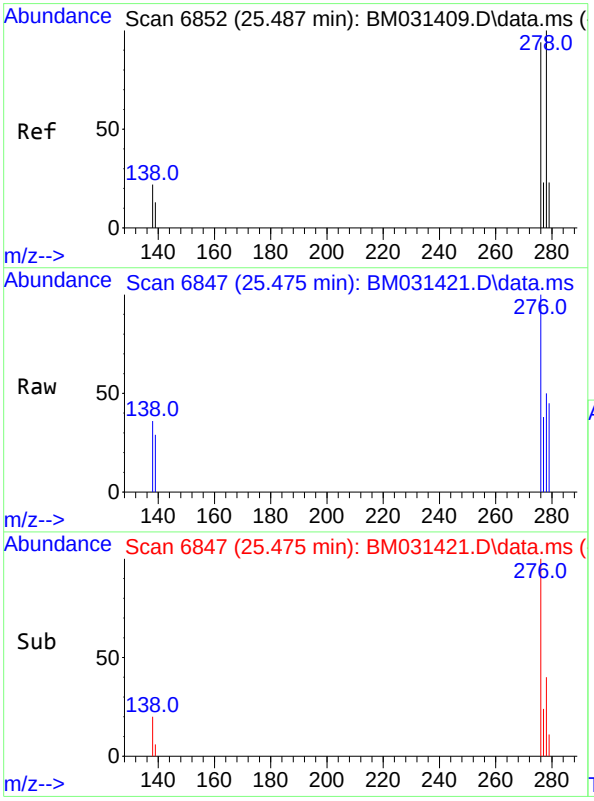


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.047 ng/ul
RT: 25.466 min Scan# 6843
Delta R.T. -0.007 min
Lab File: BM031421.D
Acq: 03 Aug 2021 20:58

Tgt Ion:276 Resp: 1027

Ion	Ratio	Lower	Upper
276	100		
138	5.3	15.8	23.8#
227	0.0	0.0	0.0

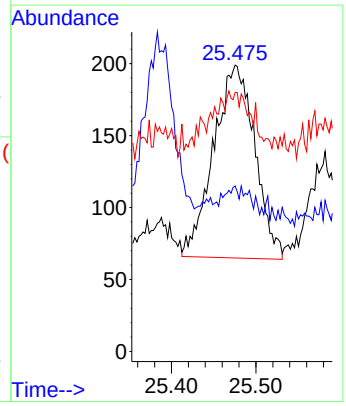




#28
Dibenzo(a,h)anthracene
Concen: 0.026 ng/ul
RT: 25.475 min Scan# 6847
Delta R.T. -0.012 min
Lab File: BM031421.D
Acq: 03 Aug 2021 20:58

Tgt Ion:278 Resp: 455

Ion	Ratio	Lower	Upper
278	100		
139	57.8	13.3	19.9#
279	90.5	22.8	34.2#



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