Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080221\
Data File : BM031419.D
Acq On : 03 Aug 2021 19:44
Operator : CG/JU
Sample : M3122-08DL 5X
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGEN9DL

Manual Integrations APPROVED
mohammad
8/4/2021 3:48:04 PM

Quant Time: Aug 04 02:37:37 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	7.597	152	2289	0.400	ng/ul	0.00
4) Naphthalene-d8	10.361	136	8736	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.227	164	4921	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.975	188	9342	0.400	ng/ul	0.00
17) Chrysene-d12	21.168	240	7238	0.400	ng/ul	0.00
23) Perylene-d12	23.329	264	7051	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.196	96	1115	0.439	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.957	152	410	0.028	ng/ul	0.00
18) Fluoranthene-d10	19.008	212	794	0.033	ng/ul	0.00
Target Compounds						Qvalue
10) Acenaphthylene	13.950	152	492	0.023	ng/ul#	71
15) Phenanthrene	17.016	178	2466	0.083	ng/ul	96
16) Anthracene	17.110	178	1114	0.040	ng/ul#	89
19) Fluoranthene	19.039	202	10517	0.340	ng/ul	97
20) Pyrene	19.401	202	4666	0.149	ng/ul#	94
21) Benzo(a)anthracene	21.152	228	6413	0.219	ng/ul	94
22) Chrysene	21.202	228	5448	0.180	ng/ul	96
24) Benzo(b)fluoranthene	22.687	252	6404m	0.202	ng/ul	
25) Benzo(k)fluoranthene	22.728	252	2881m	0.088	ng/ul	
26) Benzo(a)pyrene	23.237	252	1440	0.052	ng/ul#	21
27) Indeno(1,2,3-cd)pyrene	25.468	276	1255	0.035	ng/ul#	92
28) Dibenzo(a,h)anthracene	25.480	278	797	0.027	ng/ul#	30

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

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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

Instrument :
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ClientSampleId :
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Manual Integrations APPROVED
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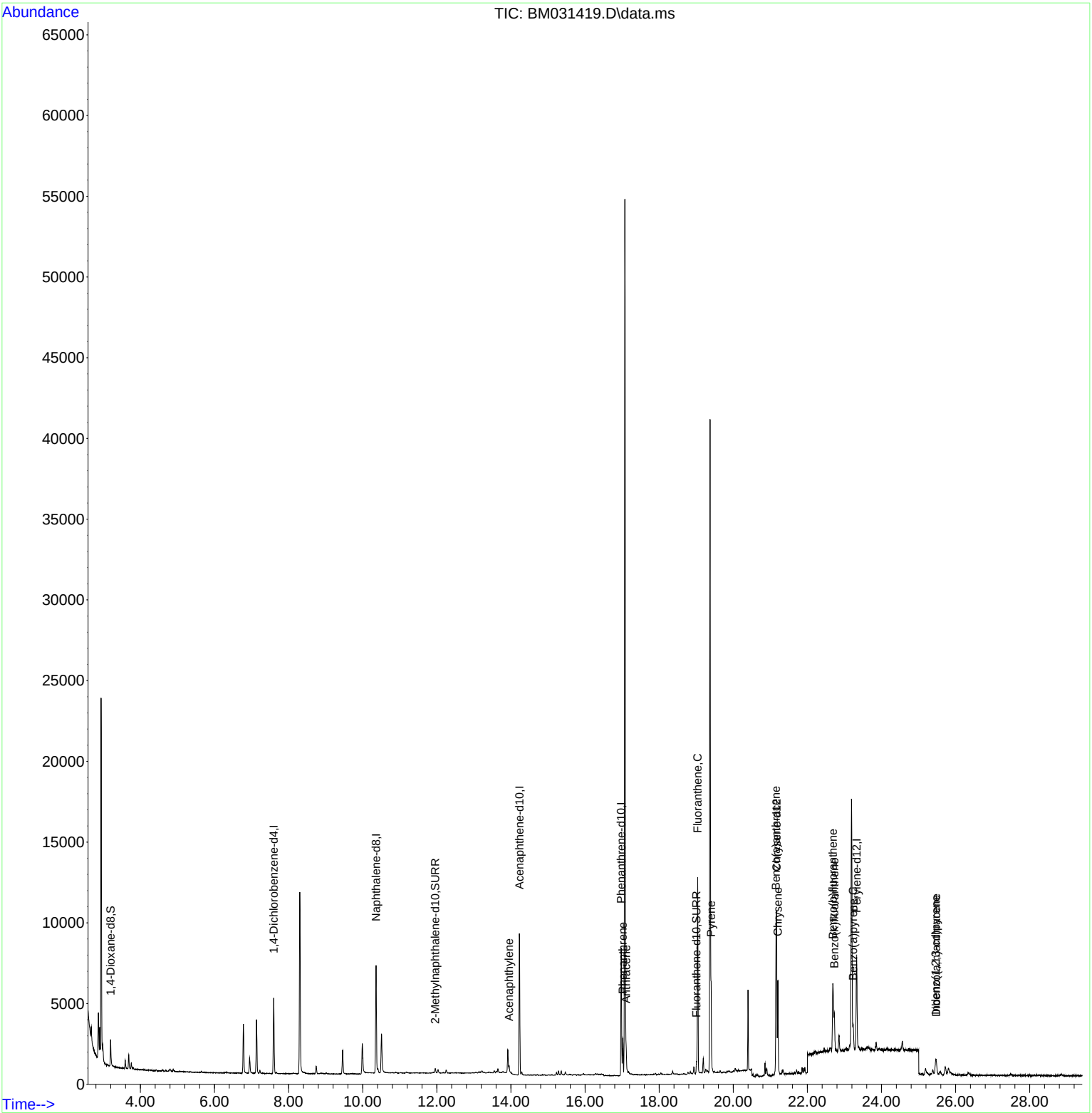
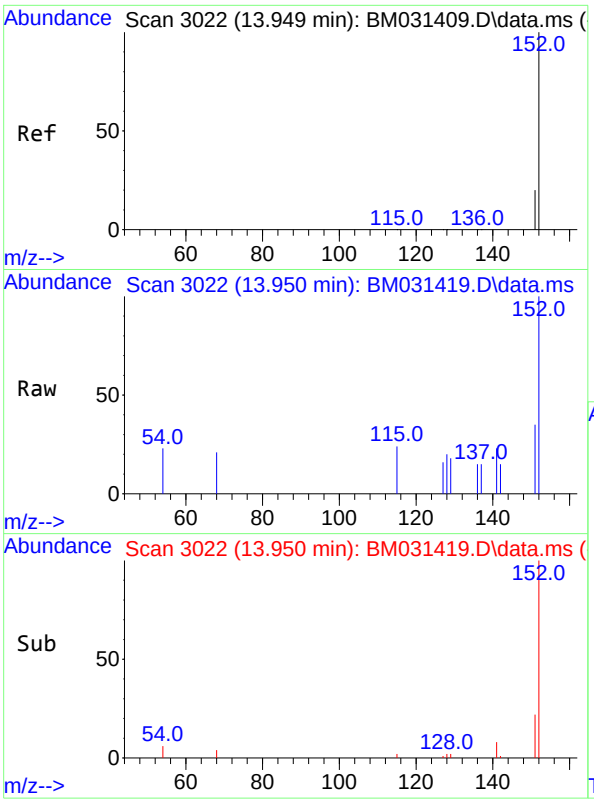
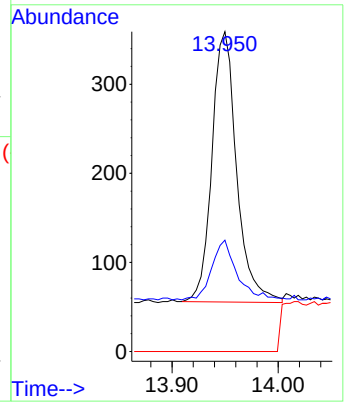




#10
Acenaphthylene
Concen: 0.023 ng/ul
RT: 13.950 min Scan# 3022
Delta R.T. 0.001 min
Lab File: BM031419.D
Acq: 03 Aug 2021 19:44

Tgt Ion:152 Resp: 492

Ion	Ratio	Lower	Upper
152	100		
151	34.8	16.9	25.3#
153	0.0	0.0	0.0



Instrument :
BNA_M
ClientSampleId :
BGEN9DL

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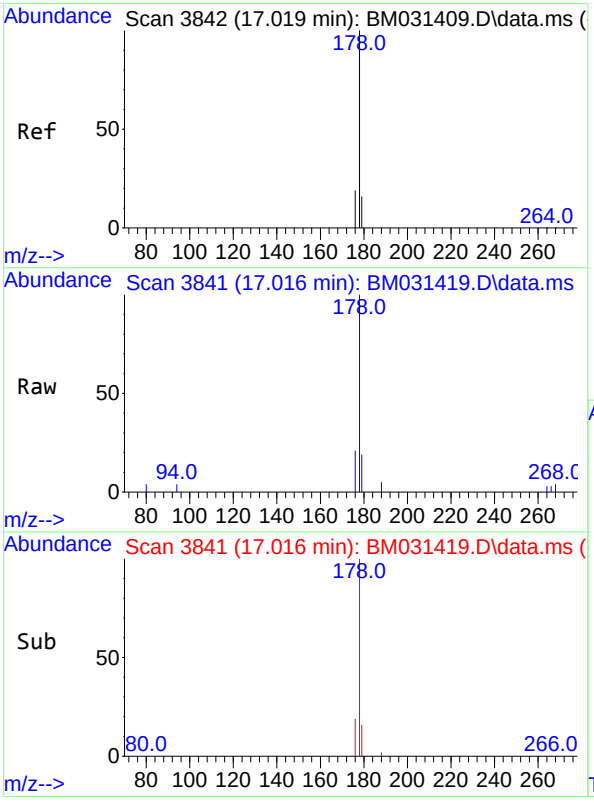
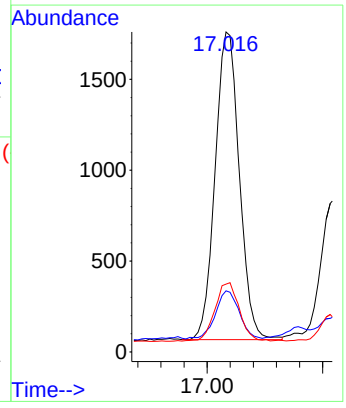
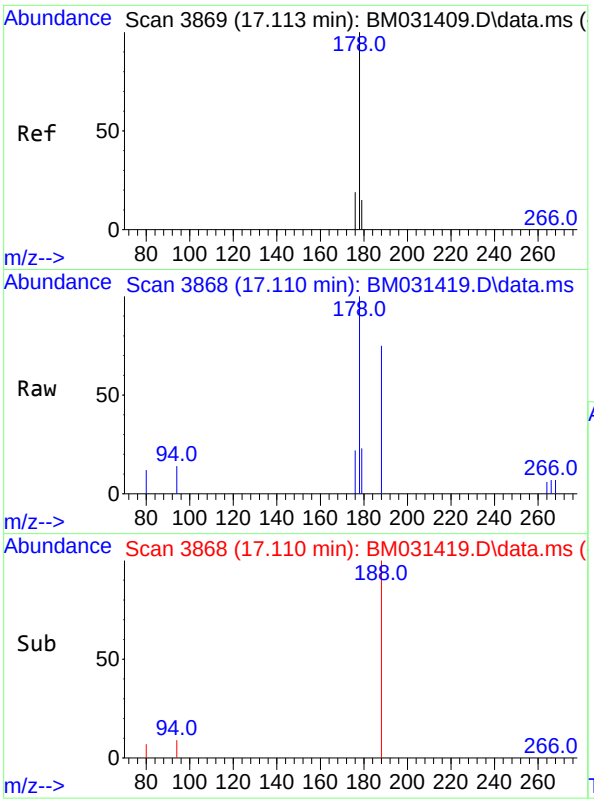


#15
Phenanthrene
Concen: 0.083 ng/ul
RT: 17.016 min Scan# 3841
Delta R.T. -0.003 min
Lab File: BM031419.D
Acq: 03 Aug 2021 19:44

Tgt Ion:178 Resp: 2466

Ion	Ratio	Lower	Upper
178	100		
179	19.1	13.3	19.9
176	21.2	16.2	24.4

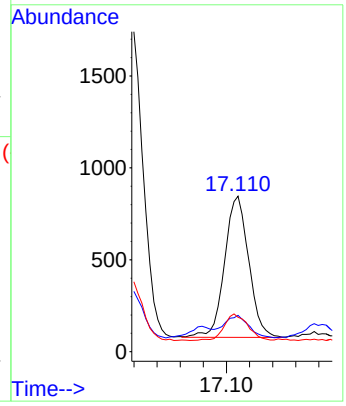




#16
Anthracene
Concen: 0.040 ng/ul
RT: 17.110 min Scan# 3868
Delta R.T. -0.003 min
Lab File: BM031419.D
Acq: 03 Aug 2021 19:44

Tgt Ion:178 Resp: 1114

Ion	Ratio	Lower	Upper
178	100		
179	23.4	13.0	19.6#
176	22.1	15.6	23.4



Instrument :
BNA_M
ClientSampleId :
BGEN9DL

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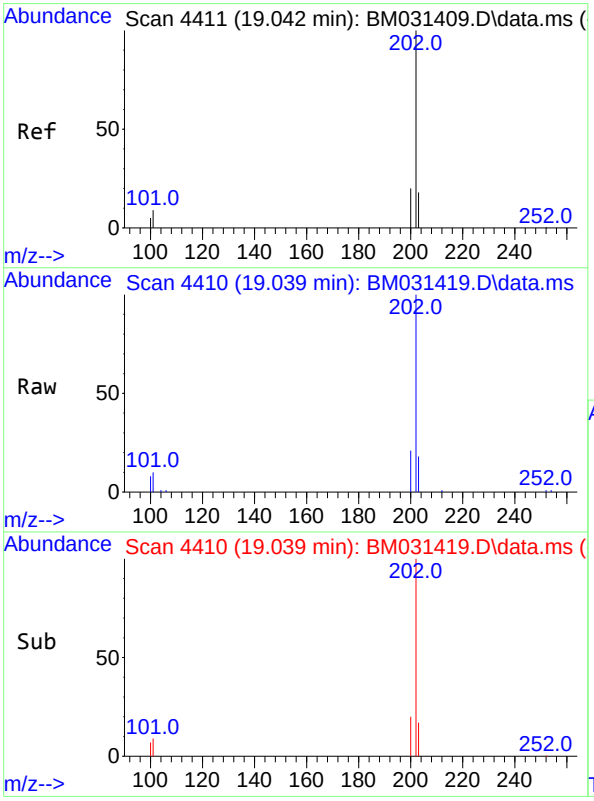
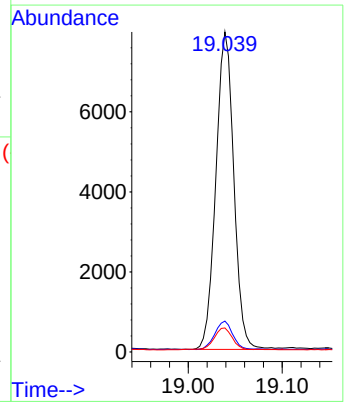
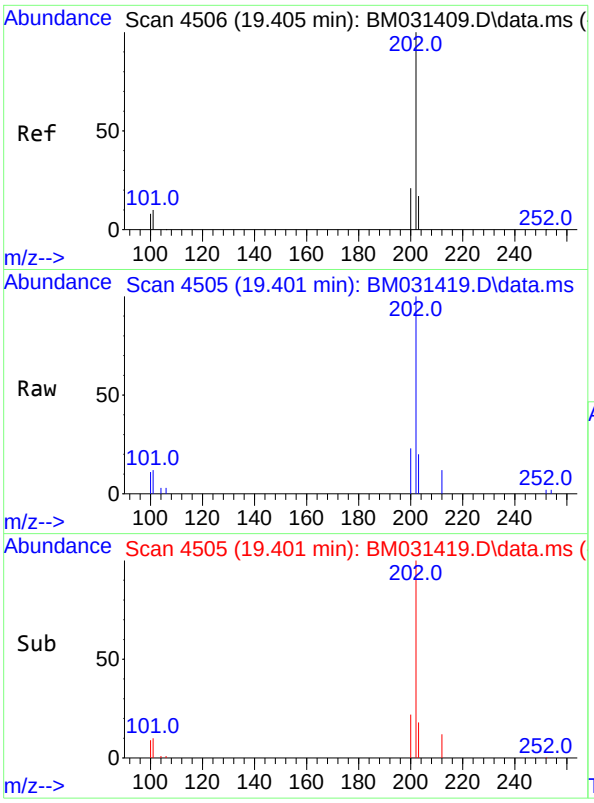


#19
Fluoranthene
Concen: 0.340 ng/ul
RT: 19.039 min Scan# 4410
Delta R.T. -0.003 min
Lab File: BM031419.D
Acq: 03 Aug 2021 19:44

Tgt Ion:202 Resp: 10517

Ion	Ratio	Lower	Upper
202	100		
101	9.6	6.6	10.0
100	7.5	5.4	8.0

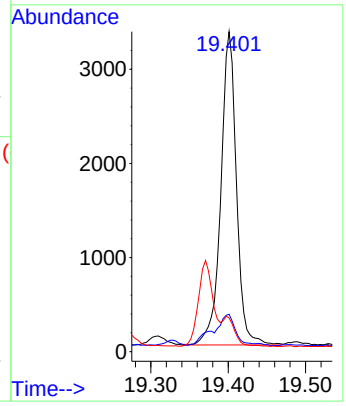


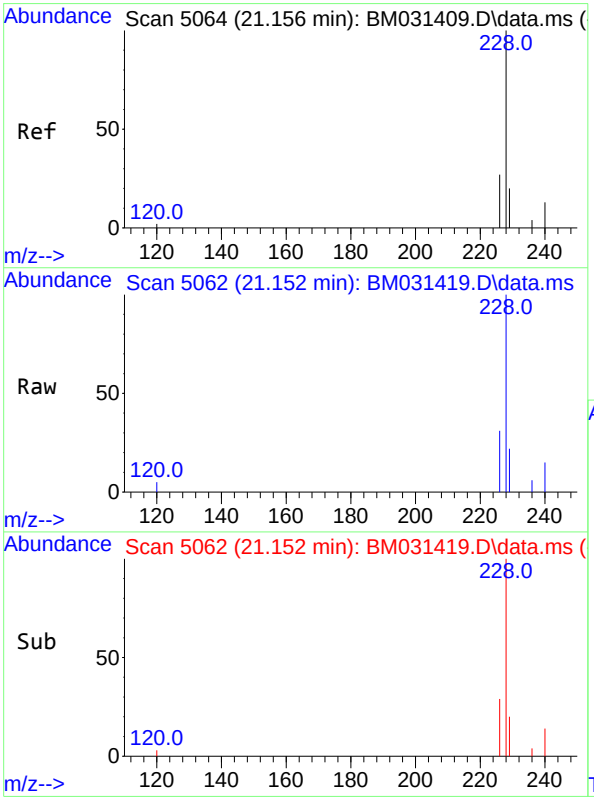


#20
Pyrene
Concen: 0.149 ng/ul
RT: 19.401 min Scan# 4505
Delta R.T. -0.003 min
Lab File: BM031419.D
Acq: 03 Aug 2021 19:44

Tgt Ion:202 Resp: 4666

Ion	Ratio	Lower	Upper
202	100		
101	11.7	7.8	11.6#
100	10.6	6.6	10.0#

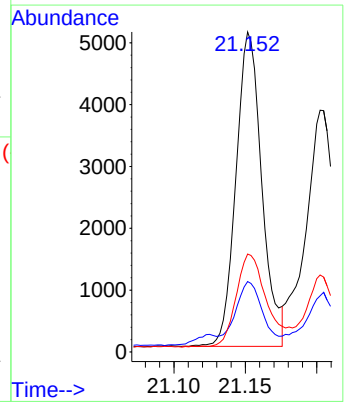




#21
Benzo(a)anthracene
Concen: 0.219 ng/ul
RT: 21.152 min Scan# 5062
Delta R.T. -0.004 min
Lab File: BM031419.D
Acq: 03 Aug 2021 19:44

Tgt Ion:228 Resp: 6413

Ion	Ratio	Lower	Upper
228	100		
229	22.0	15.6	23.4
226	30.6	21.7	32.5



Instrument :
BNA_M
ClientSampleId :
BGEN9DL

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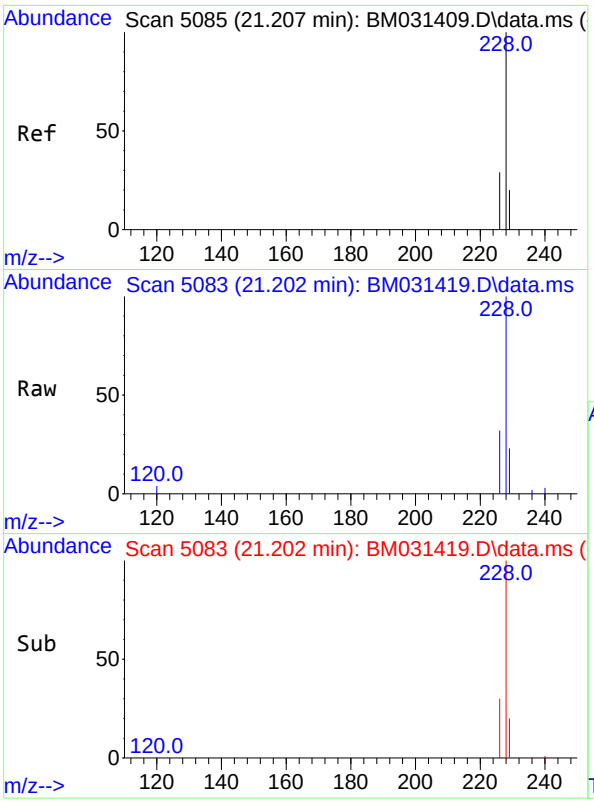
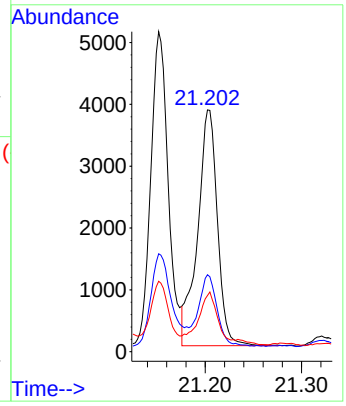


#22
Chrysene
Concen: 0.180 ng/ul
RT: 21.202 min Scan# 5083
Delta R.T. -0.004 min
Lab File: BM031419.D
Acq: 03 Aug 2021 19:44

Tgt Ion:228 Resp: 5448

Ion	Ratio	Lower	Upper
228	100		
226	31.9	24.7	37.1
229	23.2	16.2	24.2



Instrument :
BNA_M
ClientSampleId :
BGEN9DL

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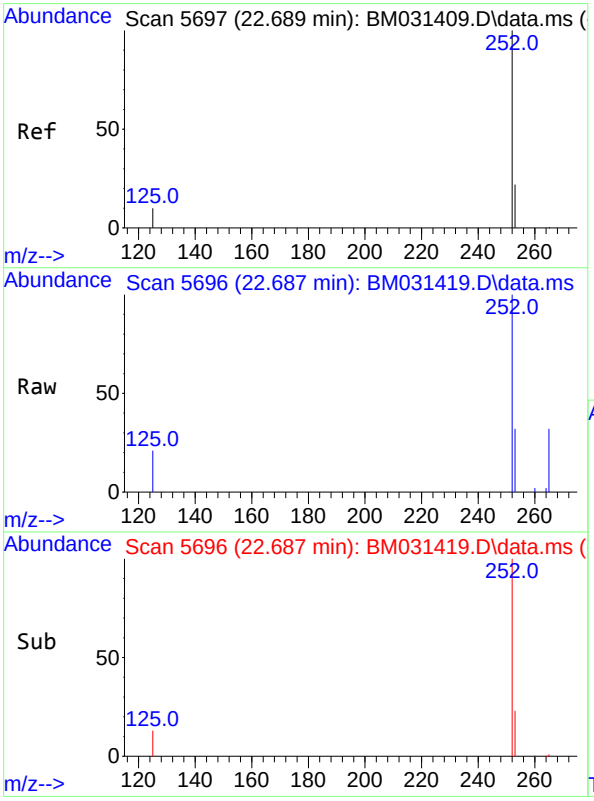
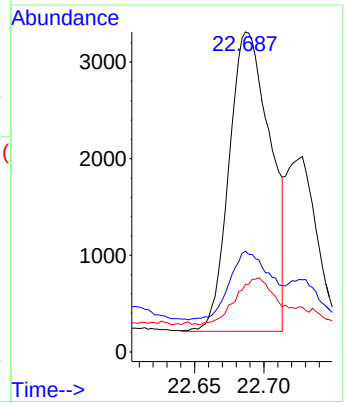
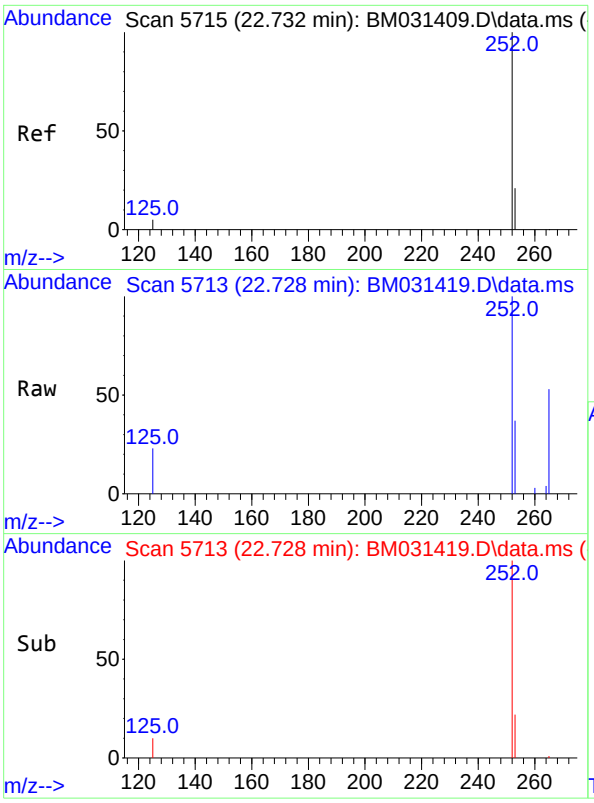


#24
Benzo(b)fluoranthene
Concen: 0.202 ng/ul m
RT: 22.687 min Scan# 5696
Delta R.T. -0.002 min
Lab File: BM031419.D
Acq: 03 Aug 2021 19:44

Tgt Ion:252 Resp: 6404

Ion	Ratio	Lower	Upper
252	100		
253	31.5	0.0	53.0
125	21.1	0.0	22.8

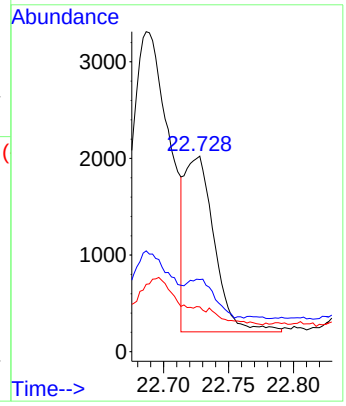


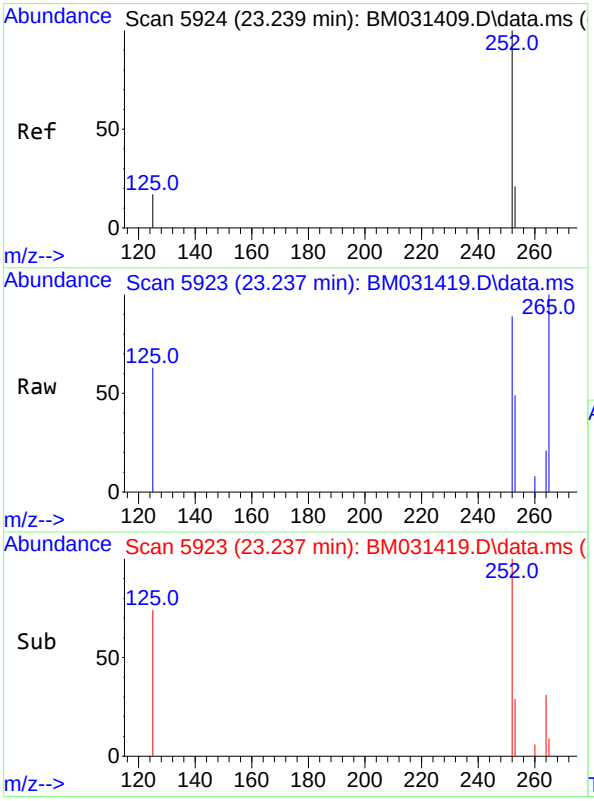


#25
Benzo(k)fluoranthene
Concen: 0.088 ng/ul m
RT: 22.728 min Scan# 5713
Delta R.T. -0.004 min
Lab File: BM031419.D
Acq: 03 Aug 2021 19:44

Tgt Ion:252 Resp: 2881

Ion	Ratio	Lower	Upper
252	100		
253	36.9	21.3	31.9#
125	22.9	8.8	13.2#

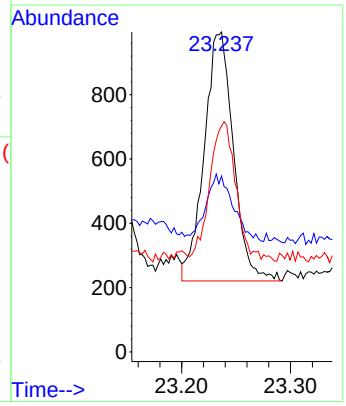




#26
Benzo(a)pyrene
Concen: 0.052 ng/ul
RT: 23.237 min Scan# 5923
Delta R.T. -0.002 min
Lab File: BM031419.D
Acq: 03 Aug 2021 19:44

Tgt Ion:252 Resp: 1440

Ion	Ratio	Lower	Upper
252	100		
253	55.0	22.4	33.6#
125	70.7	13.0	19.4#



Instrument :
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ClientSampleId :
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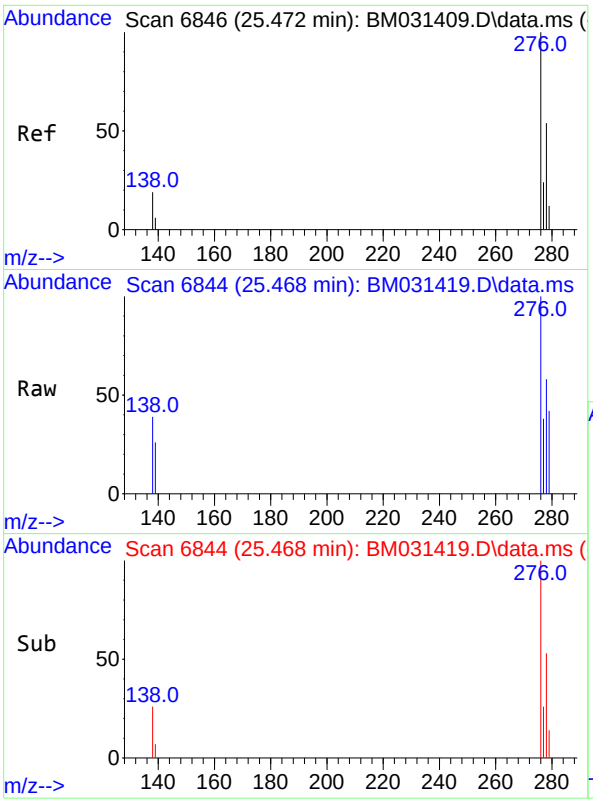
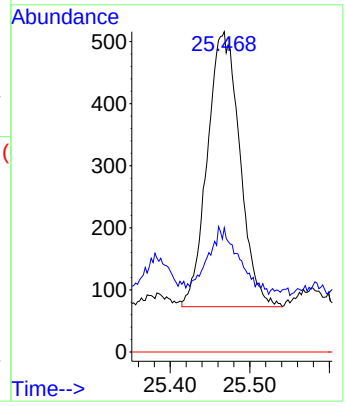


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.035 ng/ul
RT: 25.468 min Scan# 6844
Delta R.T. -0.004 min
Lab File: BM031419.D
Acq: 03 Aug 2021 19:44

Tgt Ion:276 Resp: 1255

Ion	Ratio	Lower	Upper
276	100		
138	23.4	15.8	23.8
227	0.0	0.0	0.0



Instrument :
BNA_M
ClientSampleId :
BGEN9DL

Manual Integrations APPROVED
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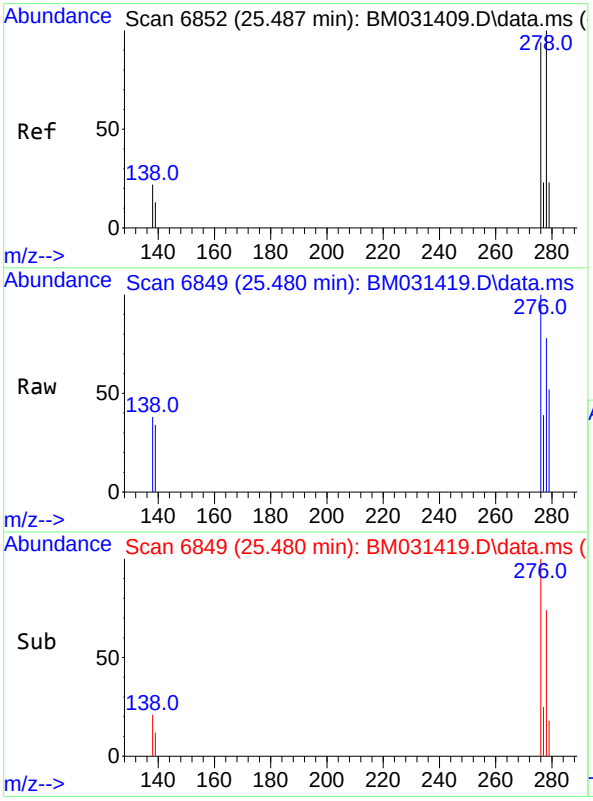

#28
Dibenzo(a,h)anthracene
Concen: 0.027 ng/ul
RT: 25.480 min Scan# 6849
Delta R.T. -0.007 min
Lab File: BM031419.D
Acq: 03 Aug 2021 19:44

Tgt Ion:278 Resp: 797

Ion	Ratio	Lower	Upper
278	100		
139	44.1	13.3	19.9#
279	67.6	22.8	34.2#