Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080919\
Data File : BM021979.D
Acq On : 09 Aug 2019 21:03
Operator : HP/JU
Sample : K4116-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JLLD4

Manual Integrations APPROVED
Sohil
8/13/2019 8:36:17 AM

Quant Time: Aug 10 07:05:04 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 09 01:29:50 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	872	0.40	ng/ul	0.00
2) Naphthalene-d8	10.39	136	3670	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.27	164	2010	0.40	ng/ul	-0.01
10) Phenanthrene-d10	17.03	188	4531m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.23	240	4249m	0.40	ng/ul	0.00
20) Perylene-d12	23.44	264	6491	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.01	152	800	0.13	ng/ul	0.00
14) Fluoranthene-d10	19.06	212	2146m	0.14	ng/ul	-0.01
Target Compounds						Qvalue
12) Phenanthrene	17.06	178	866m	0.066	ng/ul	
15) Fluoranthene	19.09	202	5130m	0.290	ng/ul	
17) Pyrene	19.46	202	5599m	0.321	ng/ul	
18) Benzo(a)anthracene	21.22	228	4411	0.290	ng/ul	96
19) Chrysene	21.27	228	4665	0.239	ng/ul	98
21) Benzo(b)fluoranthene	22.78	252	8502m	0.388	ng/ul	
22) Benzo(k)fluoranthene	22.82	252	2758m	0.111	ng/ul	
23) Benzo(a)pyrene	23.34	252	5957	0.268	ng/ul	91
24) Indeno(1,2,3-cd)pyrene	25.65	276	4808	0.181	ng/ul#	98
25) Dibenzo(a,h)anthracene	25.66	278	986	0.046	ng/ul#	31
26) Benzo(g,h,i)perylene	26.33	276	5277	0.221	ng/ul	94

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

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Manual Integrations APPROVED
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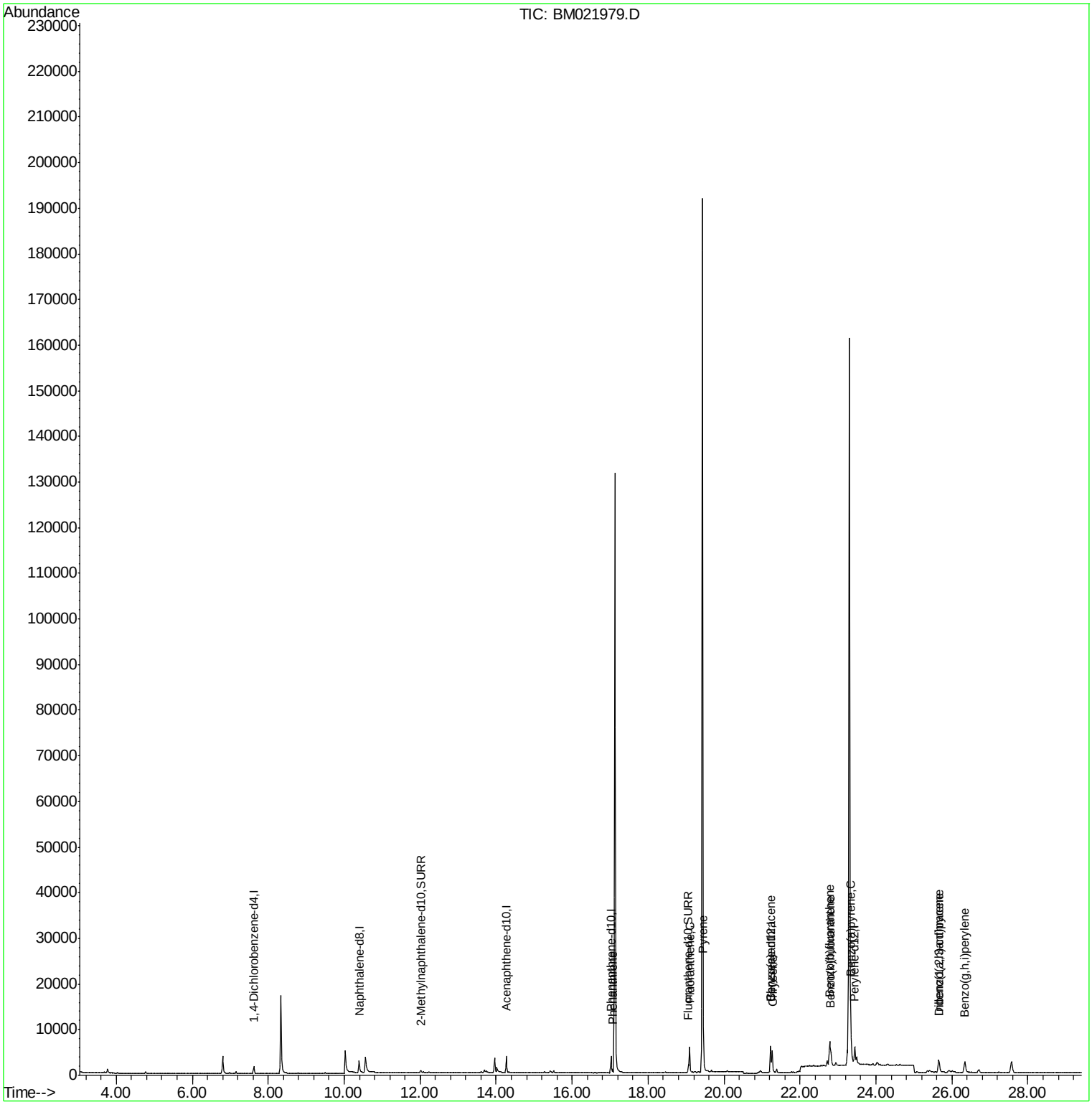

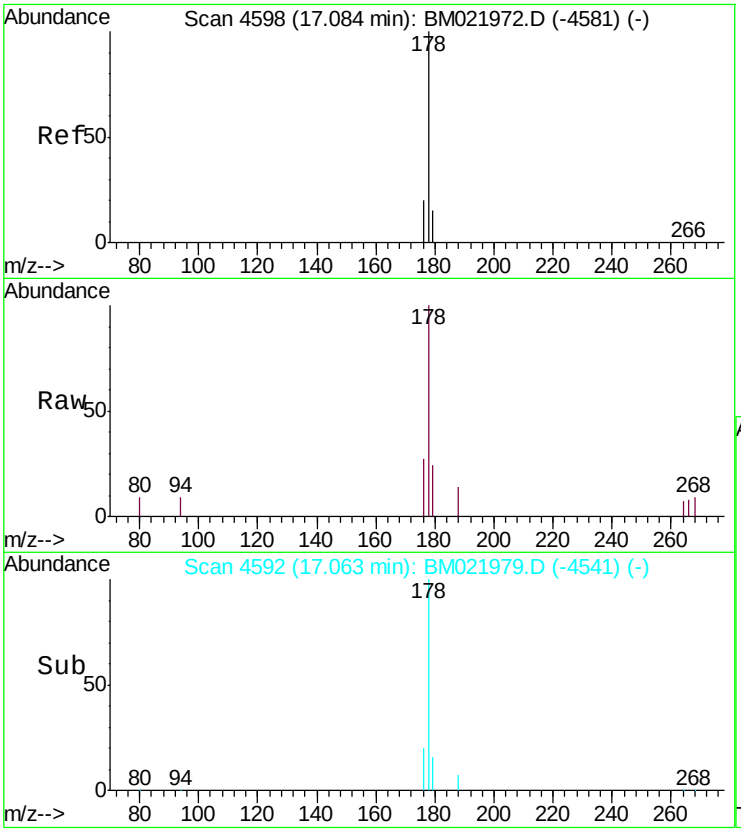

#12
Phenanthrene
Concen: 0.066 ng/ul m
RT: 17.06 min Scan# 4592
Delta R.T. -0.02 min
Lab File: BM021979.D
Acq: 09 Aug 2019 21:03

Tgt Ion:178 Resp: 866

Ion	Ratio	Lower	Upper
178	100		
179	24.4	14.2	21.2#
176	27.1	16.8	25.2#

Instrument :
BNA_M
ClientSampleId :
JLLD4

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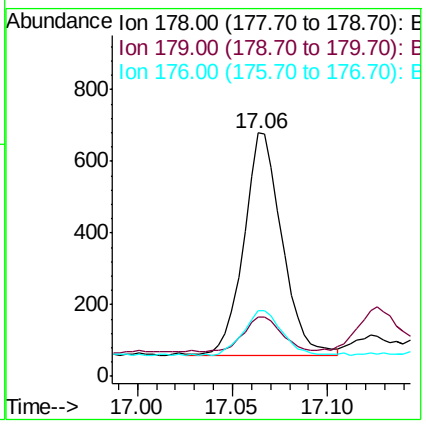
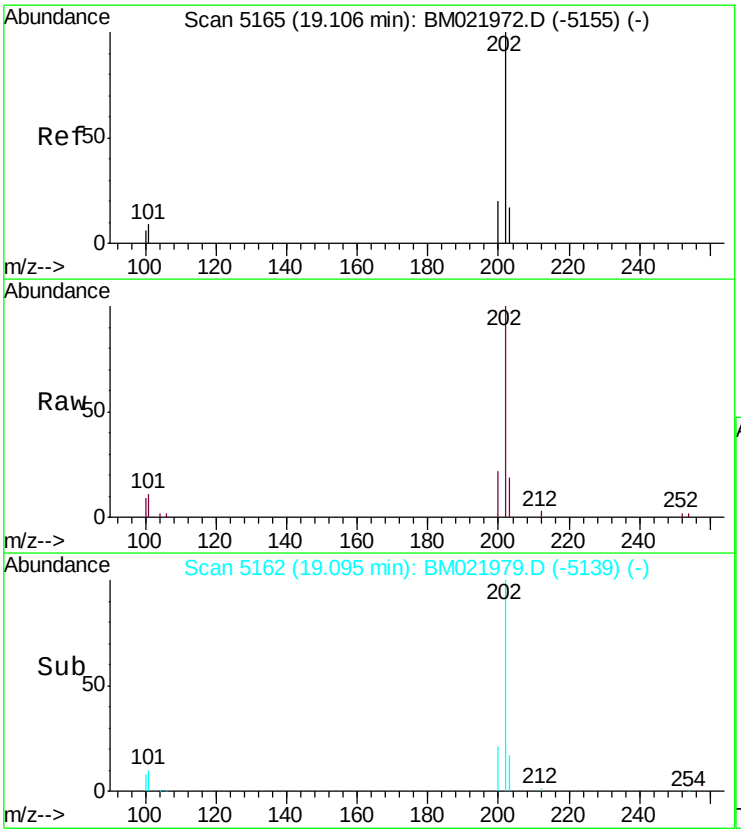
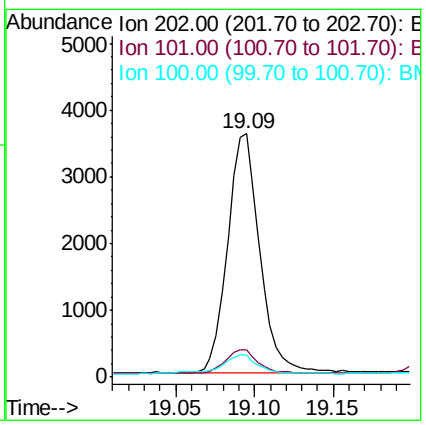


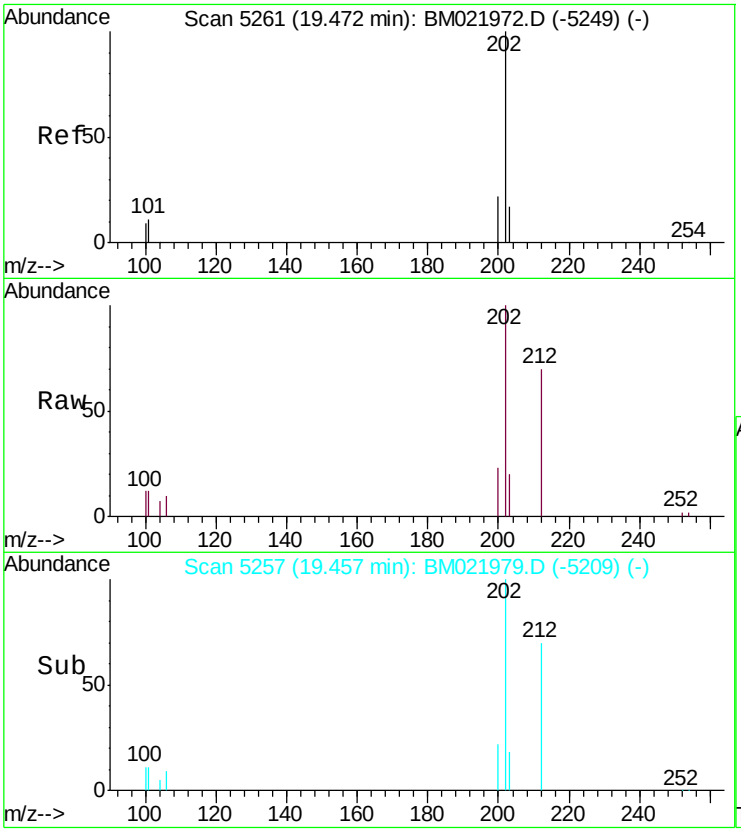


#15
Fluoranthene
Concen: 0.290 ng/ul m
RT: 19.09 min Scan# 5162
Delta R.T. -0.01 min
Lab File: BM021979.D
Acq: 09 Aug 2019 21:03

Tgt Ion:202 Resp: 5130

Ion	Ratio	Lower	Upper
202	100		
101	11.0	0.0	30.2
100	9.1	0.0	28.1

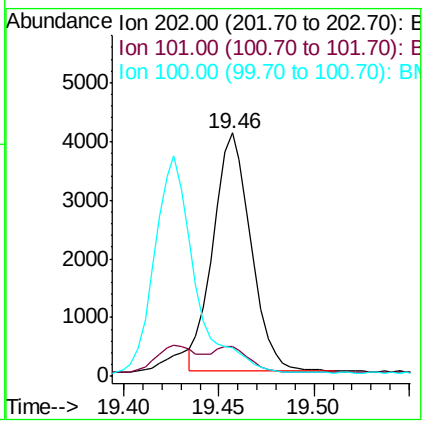




#17
Pyrene
Concen: 0.321 ng/ul m
RT: 19.46 min Scan# 5257
Delta R.T. -0.02 min
Lab File: BM021979.D
Acq: 09 Aug 2019 21:03

Tgt Ion:202 Resp: 5599

Ion	Ratio	Lower	Upper
202	100		
101	12.4	8.3	12.5
100	11.7	7.2	10.8#



Instrument :
BNA_M
ClientSampleId :
JLLD4

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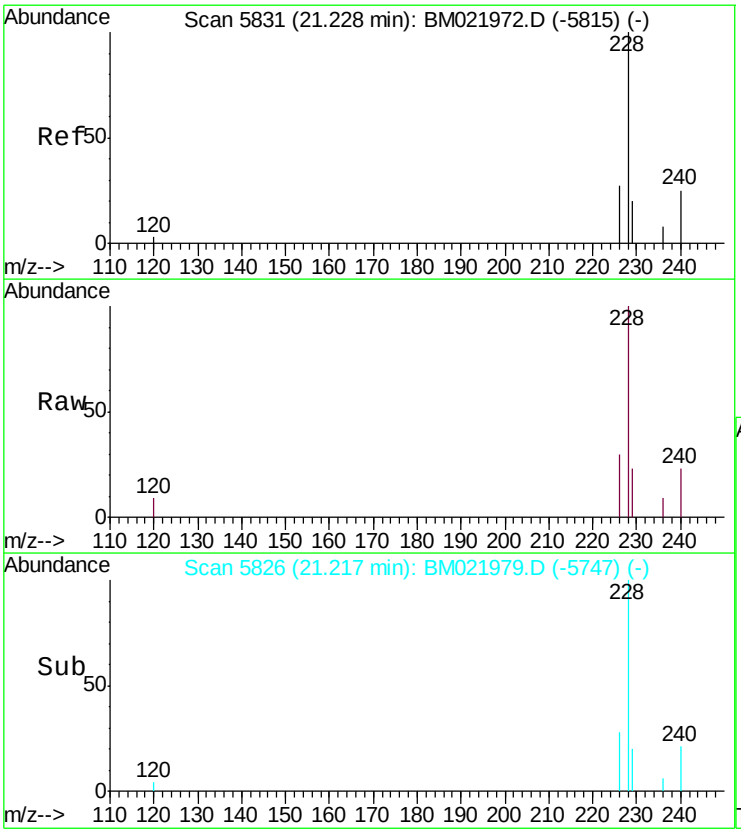
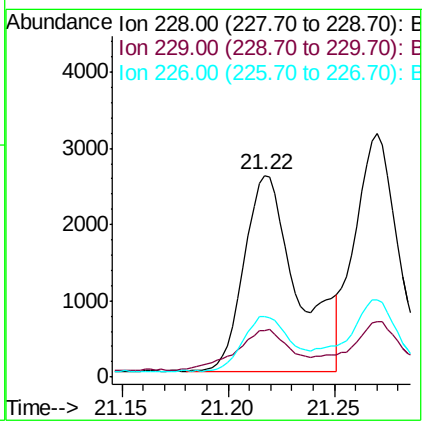
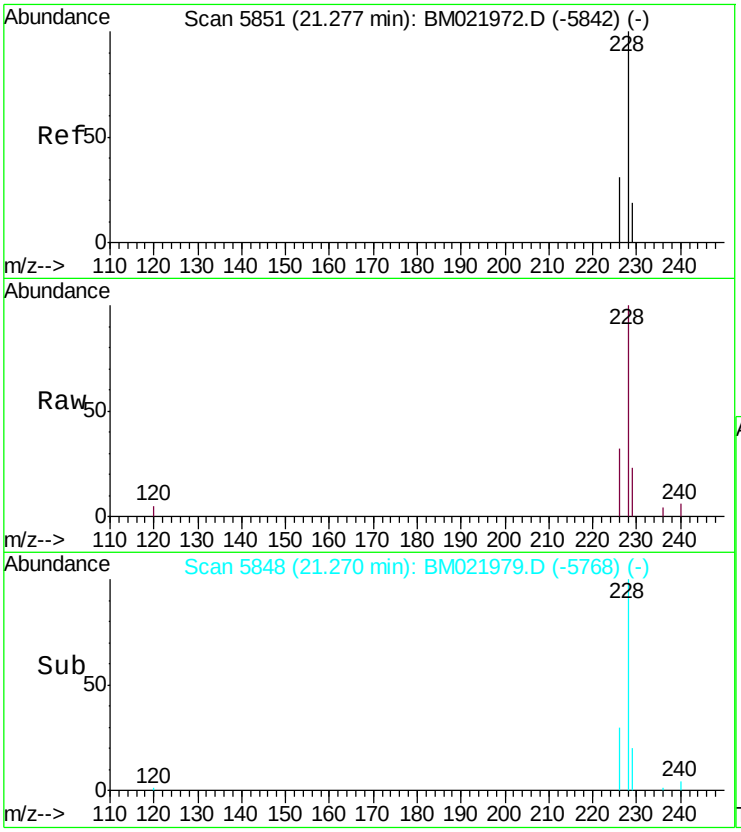


#18
Benzo(a)anthracene
Concen: 0.290 ng/ul
RT: 21.22 min Scan# 5826
Delta R.T. -0.01 min
Lab File: BM021979.D
Acq: 09 Aug 2019 21:03

Tgt Ion:228 Resp: 4411

Ion	Ratio	Lower	Upper
228	100		
229	23.3	17.2	25.8
226	30.1	22.6	34.0

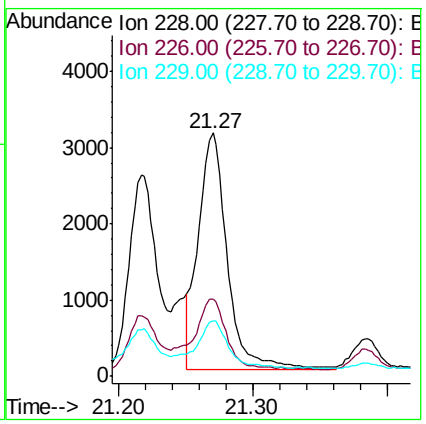




#19
Chrysene
Concen: 0.239 ng/ul
RT: 21.27 min Scan# 5848
Delta R.T. -0.01 min
Lab File: BM021979.D
Acq: 09 Aug 2019 21:03

Tgt Ion:228 Resp: 4665

Ion	Ratio	Lower	Upper
228	100		
226	31.9	24.9	37.3
229	22.6	16.6	25.0



Instrument :
BNA_M
ClientSampleId :
JLLD4

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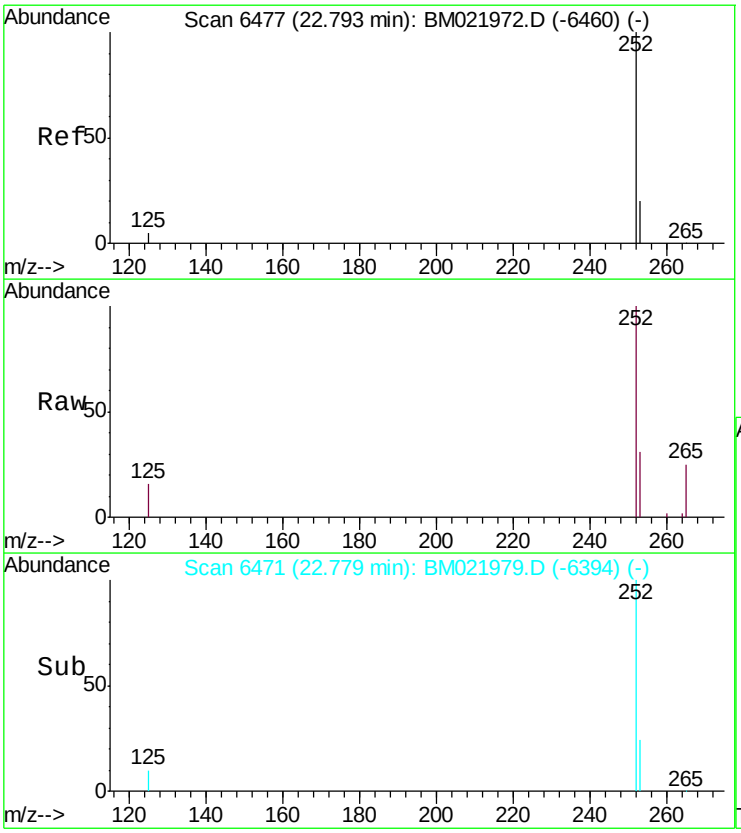
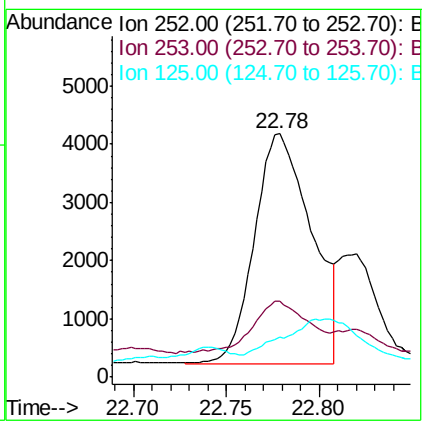
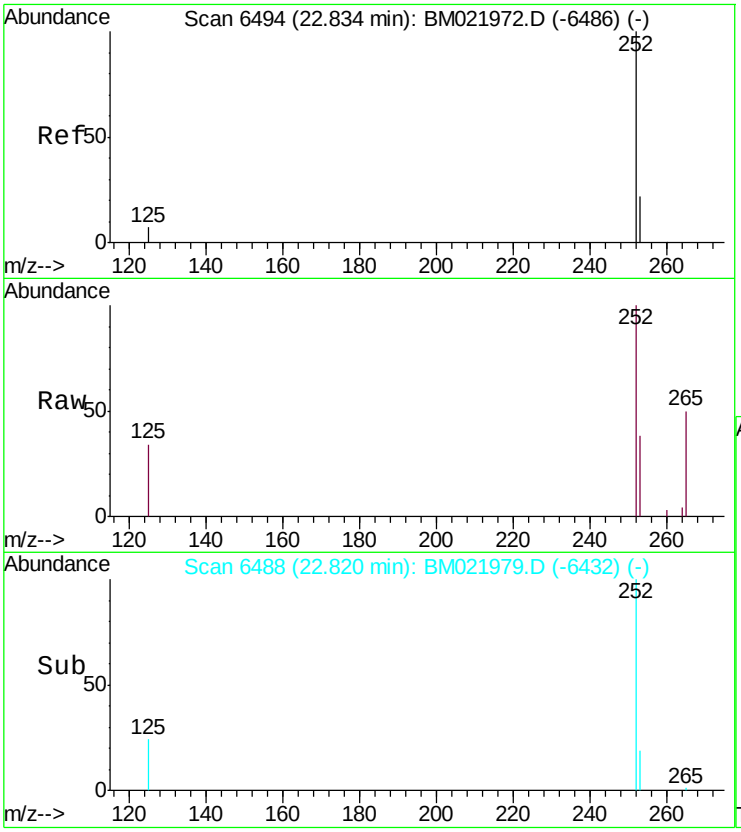


#21
Benzo(b)fluoranthene
Concen: 0.388 ng/ul m
RT: 22.78 min Scan# 6471
Delta R.T. -0.01 min
Lab File: BM021979.D
Acq: 09 Aug 2019 21:03

Tgt Ion:252 Resp: 8502

Ion	Ratio	Lower	Upper
252	100		
253	31.1	0.0	67.4
125	16.4	0.0	31.0

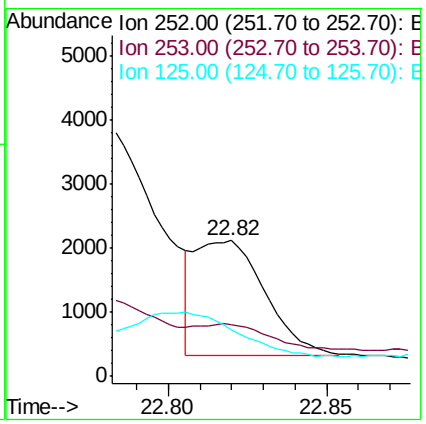




#22
Benzo(k)fluoranthene
Concen: 0.111 ng/ul m
RT: 22.82 min Scan# 6488
Delta R.T. -0.01 min
Lab File: BM021979.D
Acq: 09 Aug 2019 21:03

Tgt Ion:252 Resp: 2758

Ion	Ratio	Lower	Upper
252	100		
253	38.4	27.0	40.4
125	34.1	12.2	18.2#



Instrument :
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ClientSampleId :
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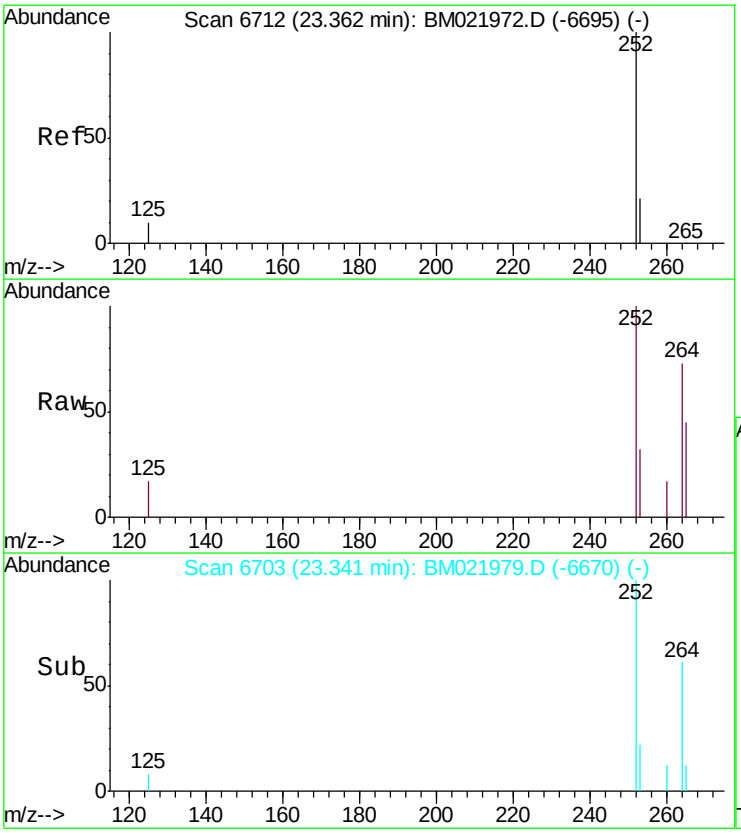
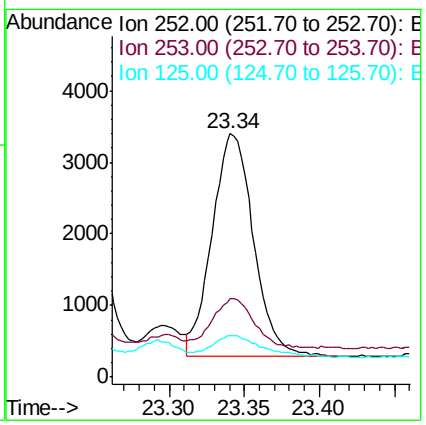
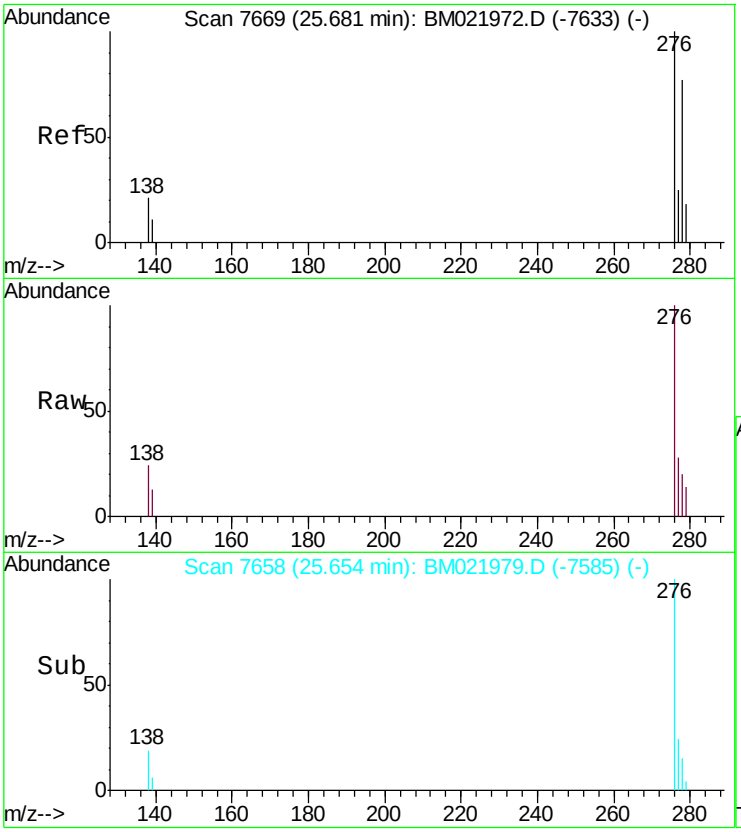


#23
Benzo(a)pyrene
Concen: 0.268 ng/ul
RT: 23.34 min Scan# 6703
Delta R.T. -0.02 min
Lab File: BM021979.D
Acq: 09 Aug 2019 21:03

Tgt Ion:252 Resp: 5957

Ion	Ratio	Lower	Upper
252	100		
253	32.0	31.7	47.5
125	17.2	14.6	21.8





#24
Indeno(1,2,3-cd)pyrene
Concen: 0.181 ng/ul
RT: 25.65 min Scan# 7658
Delta R.T. -0.02 min
Lab File: BM021979.D
Acq: 09 Aug 2019 21:03

Tgt Ion:276 Resp: 4808

Ion	Ratio	Lower	Upper
276	100		
138	19.8	15.1	22.7
227	0.0	0.0	0.0

Instrument :
BNA_M
ClientSampleId :
JLLD4

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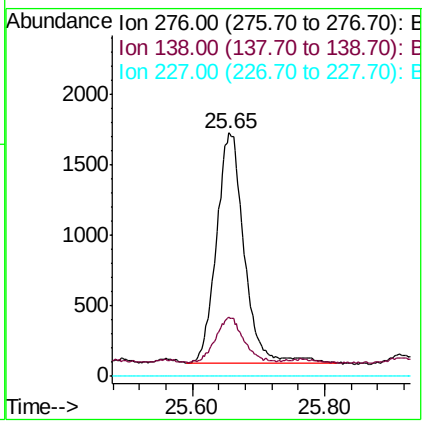
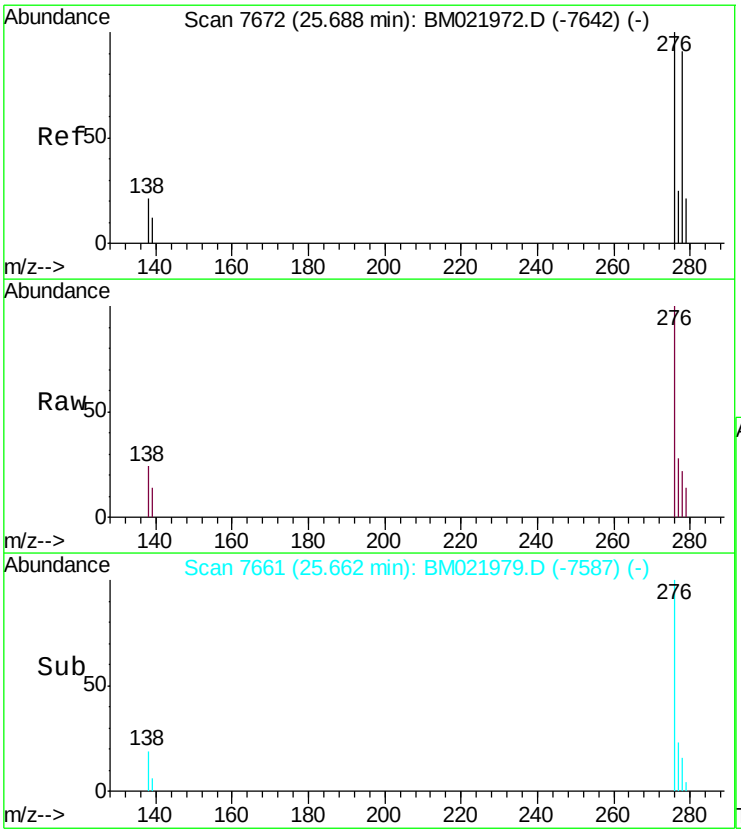
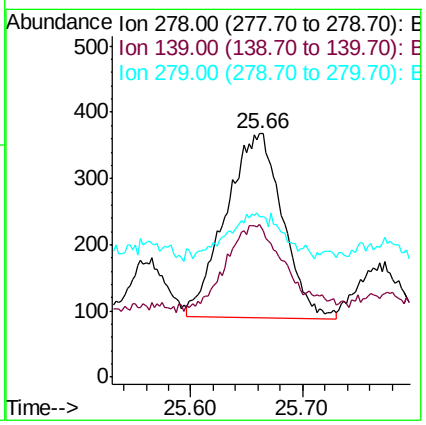


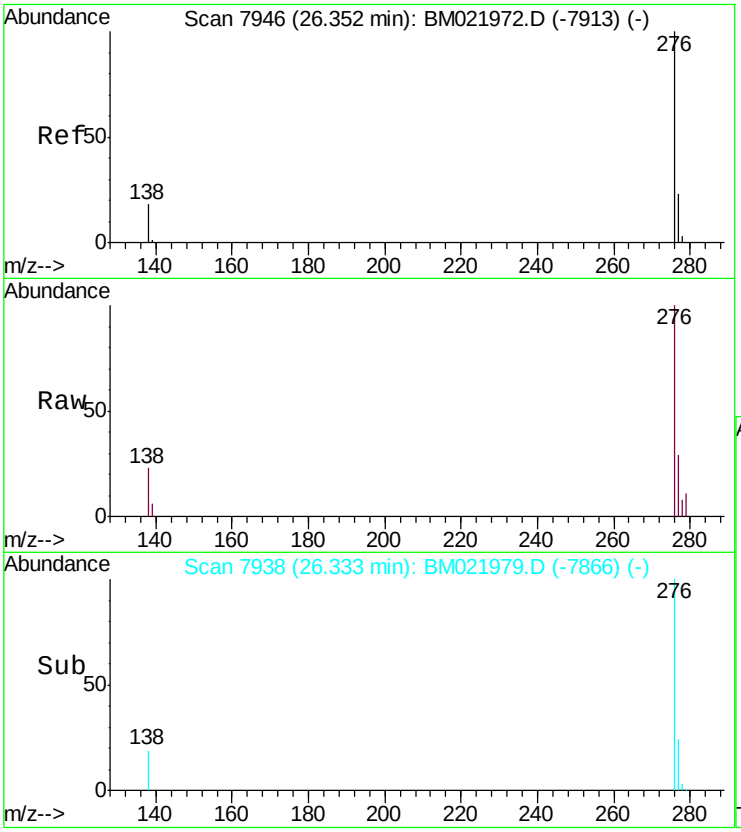


#25
Dibenzo(a,h)anthracene
Concen: 0.046 ng/ul
RT: 25.66 min Scan# 7661
Delta R.T. -0.02 min
Lab File: BM021979.D
Acq: 09 Aug 2019 21:03

Tgt Ion:278 Resp: 986

Ion	Ratio	Lower	Upper
278	100		
139	62.8	14.2	21.2#
279	66.0	28.3	42.5#

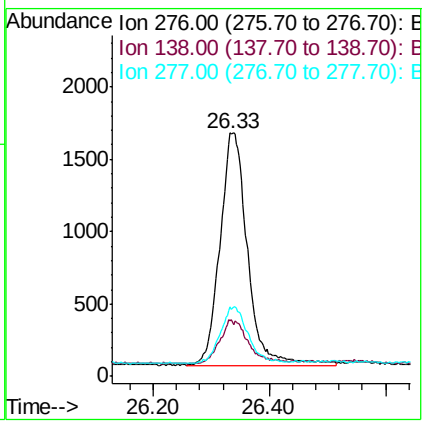




#26
Benzo(g,h,i)perylene
Concen: 0.221 ng/ul
RT: 26.33 min Scan# 7938
Delta R.T. -0.02 min
Lab File: BM021979.D
Acq: 09 Aug 2019 21:03

Tgt Ion:276 Resp: 5277

Ion	Ratio	Lower	Upper
276	100		
138	23.1	15.5	23.3
277	28.7	21.4	32.2



Instrument :
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ClientSampleId :
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