Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080719\
Data File : BM021904.D
Acq On : 07 Aug 2019 20:06
Operator : HP/JU
Sample : K3893-10DL 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BEP14DL

Manual Integrations APPROVED
mohammad
8/9/2019 6:10:40 AM

Quant Time: Aug 08 05:13:56 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 : Thu Aug 08 04:39:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	931	0.40	ng/ul	0.00
2) Naphthalene-d8	10.41	136	4015	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.28	164	2283	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.04	188	5142	0.40	ng/ul	-0.01
16) Chrysene-d12	21.24	240	5047	0.40	ng/ul	0.00
20) Perylene-d12	23.45	264	6933	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.03	152	345	0.05	ng/ul	0.00
14) Fluoranthene-d10	19.07	212	903	0.05	ng/ul	0.00
Target Compounds						Qvalue
7) Acenaphthylene	14.00	152	689	0.065	ng/ul#	77
8) Acenaphthene	14.34	153	250	0.029	ng/ul#	92
9) Fluorene	15.34	166	337	0.035	ng/ul#	94
12) Phenanthrene	17.08	178	7584	0.507	ng/ul	98
13) Anthracene	17.17	178	1586	0.124	ng/ul#	90
15) Fluoranthene	19.10	202	19399	0.968	ng/ul	98
17) Pyrene	19.47	202	19105	0.921	ng/ul	100
18) Benzo(a)anthracene	21.22	228	9846	0.545	ng/ul	98
19) Chrysene	21.27	228	11939	0.514	ng/ul	98
21) Benzo(b)fluoranthene	22.79	252	14637m	0.626	ng/ul	
22) Benzo(k)fluoranthene	22.83	252	5461m	0.206	ng/ul	
23) Benzo(a)pyrene	23.35	252	9423	0.396	ng/ul#	87
24) Indeno(1,2,3-cd)pyrene	25.67	276	6925	0.244	ng/ul#	95
25) Dibenzo(a,h)anthracene	25.67	278	1707	0.074	ng/ul#	68
26) Benzo(g,h,i)perylene	26.35	276	5719	0.224	ng/ul	96

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080719\
Data File : BM021904.D
Acq On : 07 Aug 2019 20:06
Operator : HP/JU
Sample : K3893-10DL 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

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Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
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Manual Integrations APPROVED
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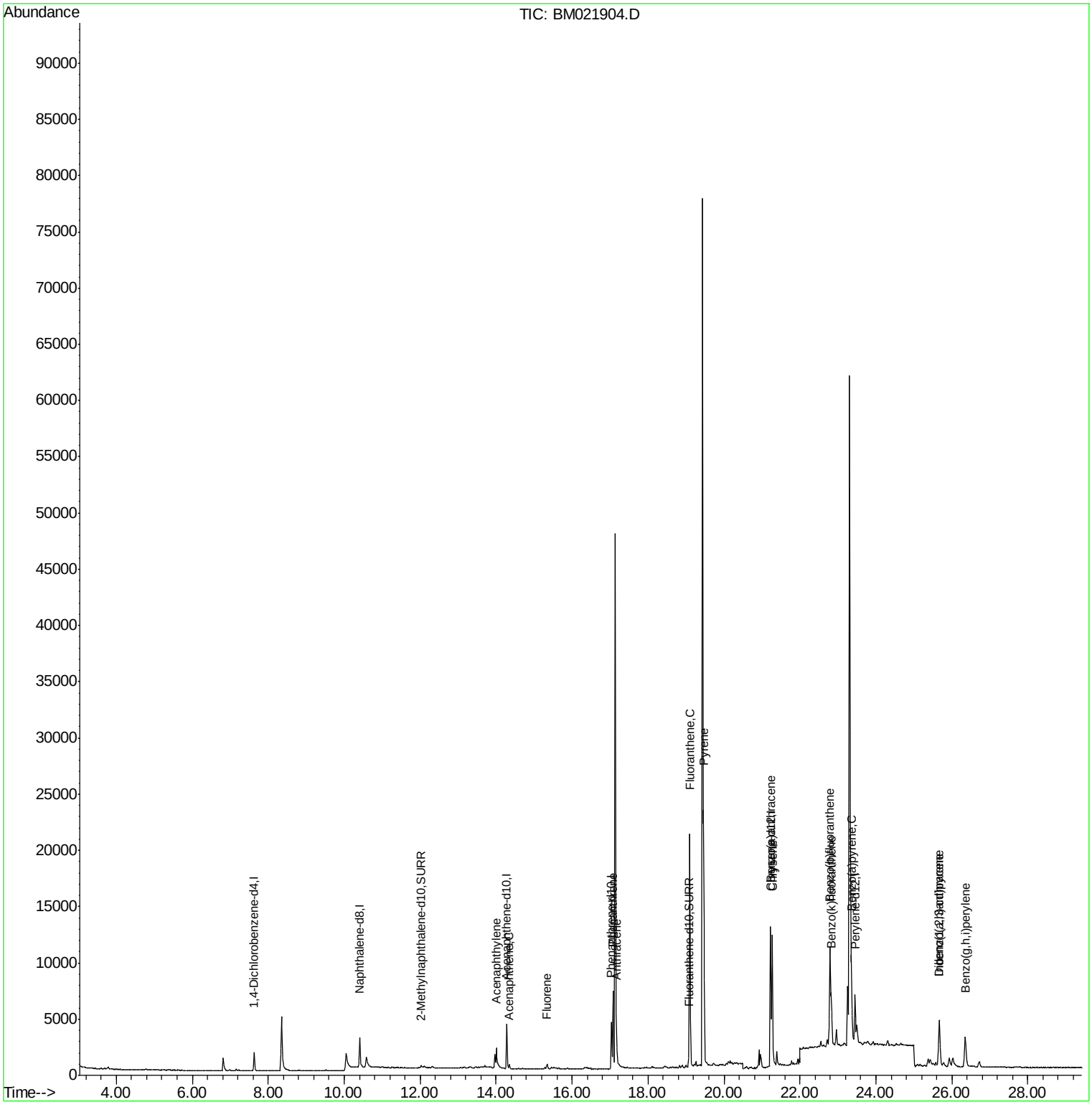
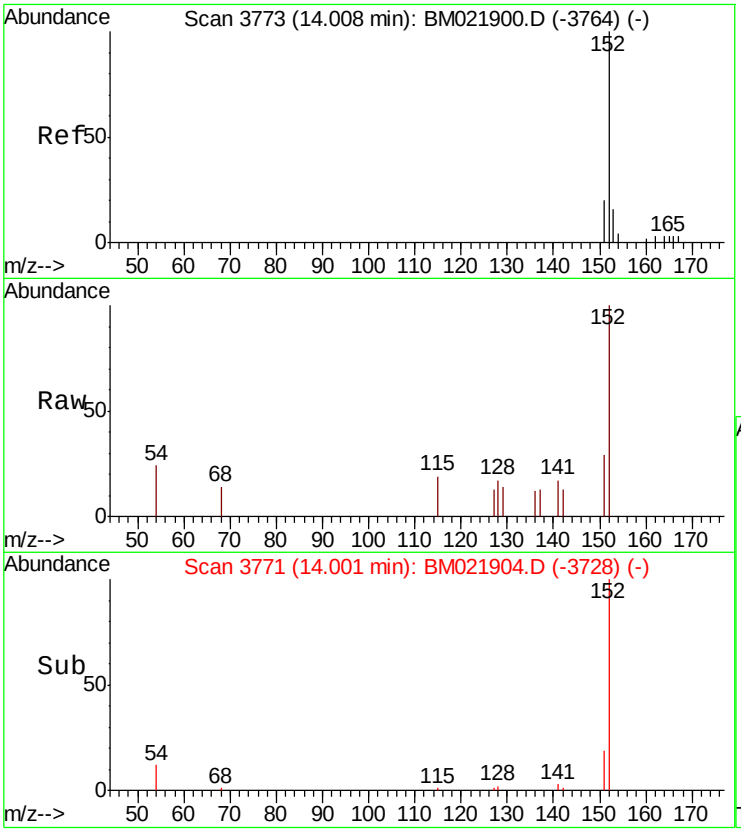
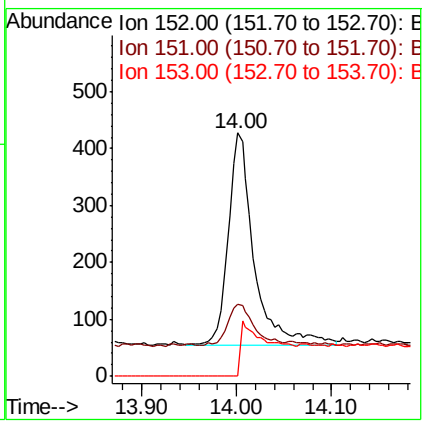




#7
Acenaphthylene
Concen: 0.065 ng/ul
RT: 14.00 min Scan# 3771
Delta R.T. -0.01 min
Lab File: BM021904.D
Acq: 07 Aug 2019 20:06

Tgt Ion:152 Resp: 689

Ion	Ratio	Lower	Upper
152	100		
151	29.4	18.3	27.5#
153	0.0	12.8	19.2#



Instrument :
BNA_M
ClientSampleId :
BEP14DL

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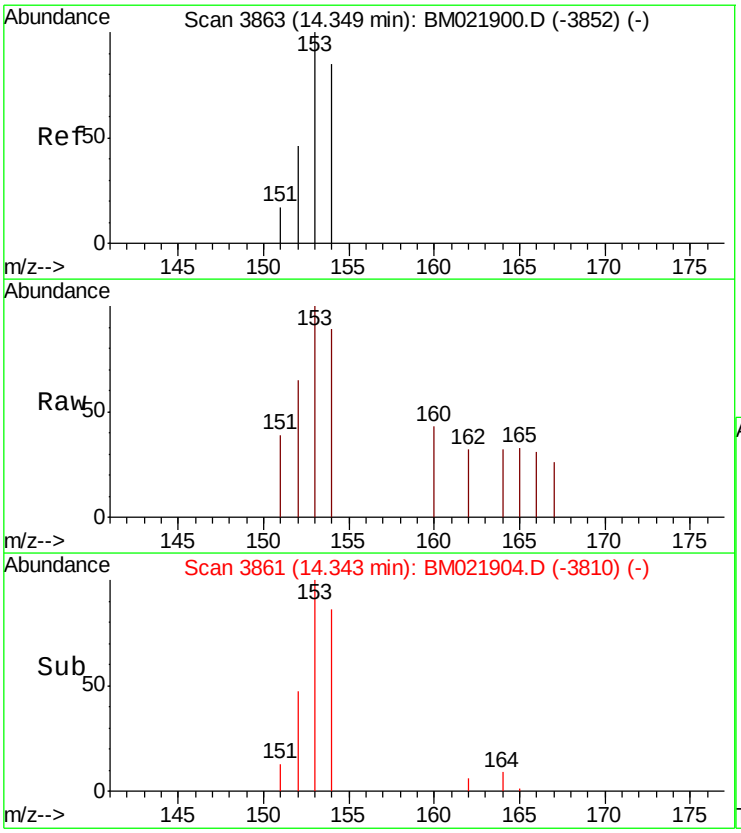
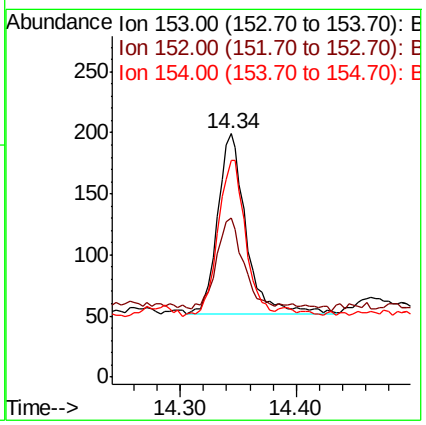
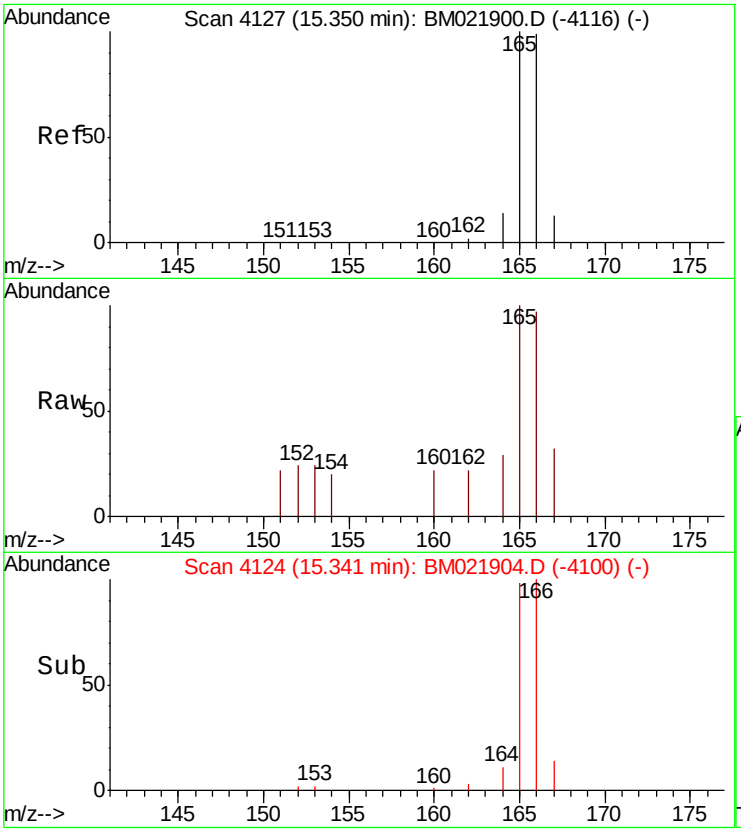


#8
Acenaphthene
Concen: 0.029 ng/ul
RT: 14.34 min Scan# 3861
Delta R.T. -0.01 min
Lab File: BM021904.D
Acq: 07 Aug 2019 20:06

Tgt Ion:153 Resp: 250

Ion	Ratio	Lower	Upper
153	100		
152	65.3	41.3	61.9#
154	88.9	72.3	108.5

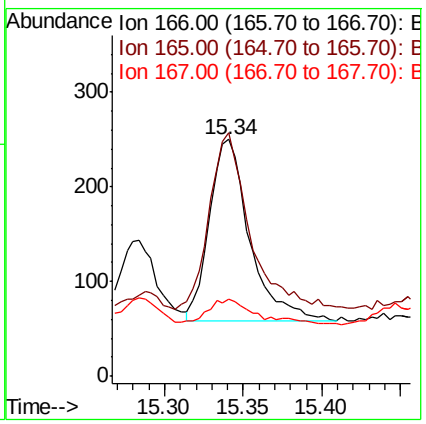




#9
Fluorene
Concen: 0.035 ng/ul
RT: 15.34 min Scan# 4124
Delta R.T. -0.01 min
Lab File: BM021904.D
Acq: 07 Aug 2019 20:06

Tgt Ion:166 Resp: 337

Ion	Ratio	Lower	Upper
166	100		
165	102.8	81.4	122.0
167	32.4	13.7	20.5#



Instrument :
BNA_M
ClientSampleId :
BEP14DL

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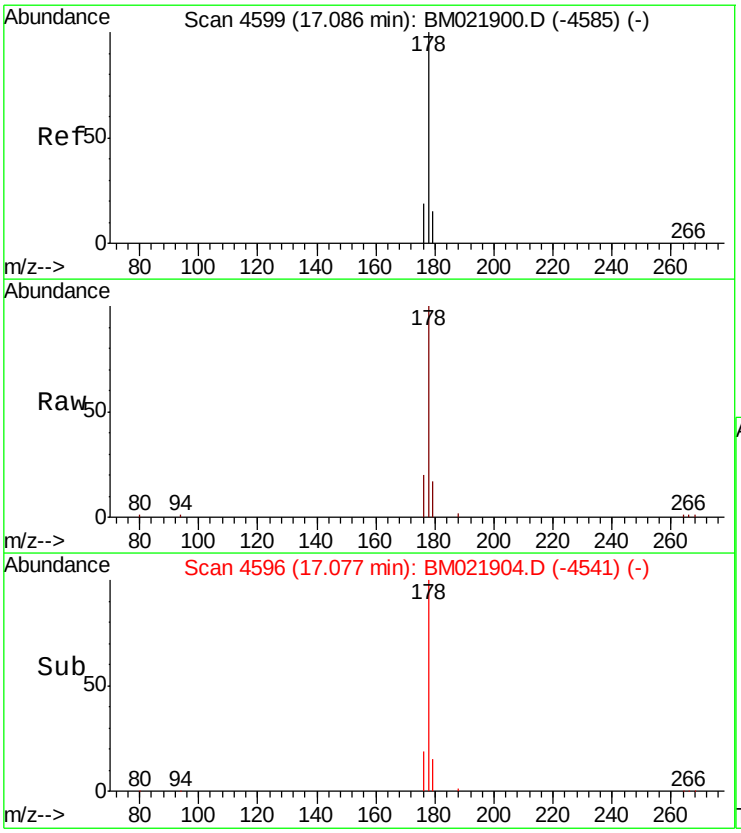
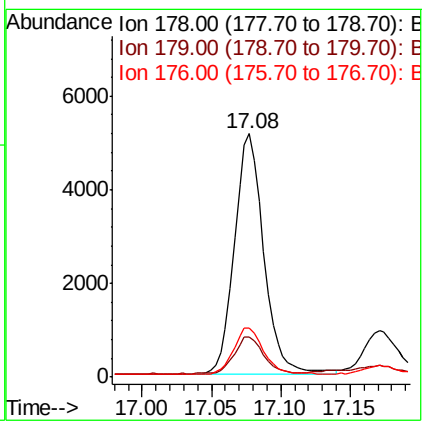
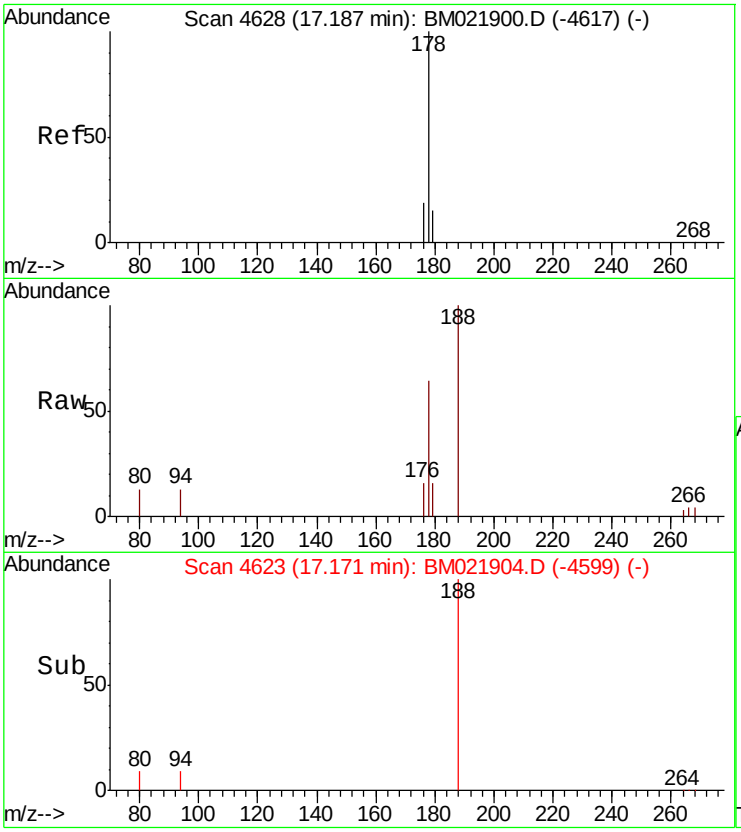


#12
Phenanthrene
Concen: 0.507 ng/ul
RT: 17.08 min Scan# 4596
Delta R.T. -0.01 min
Lab File: BM021904.D
Acq: 07 Aug 2019 20:06

Tgt Ion:178 Resp: 7584

Ion	Ratio	Lower	Upper
178	100		
179	16.5	14.2	21.2
176	20.1	16.8	25.2

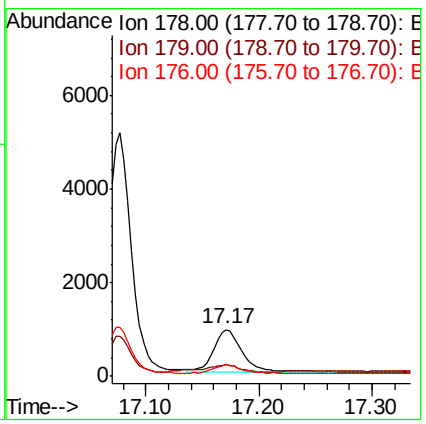




#13
Anthracene
Concen: 0.124 ng/ul
RT: 17.17 min Scan# 4623
Delta R.T. -0.02 min
Lab File: BM021904.D
Acq: 07 Aug 2019 20:06

Tgt Ion:178 Resp: 1586

Ion	Ratio	Lower	Upper
178	100		
179	24.7	15.5	23.3#
176	24.6	16.6	25.0



Instrument :
BNA_M
ClientSampleId :
BEP14DL

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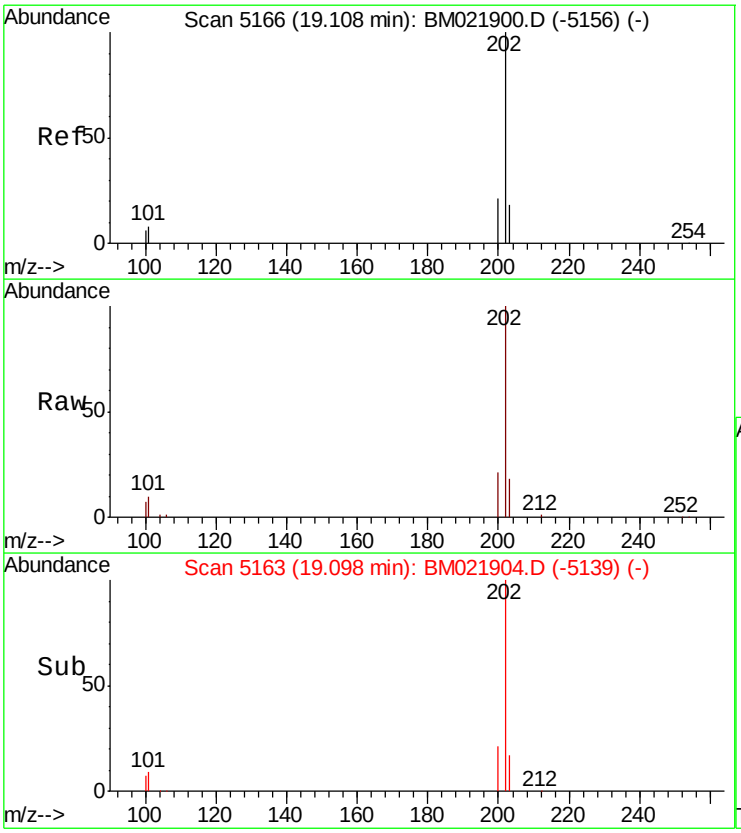
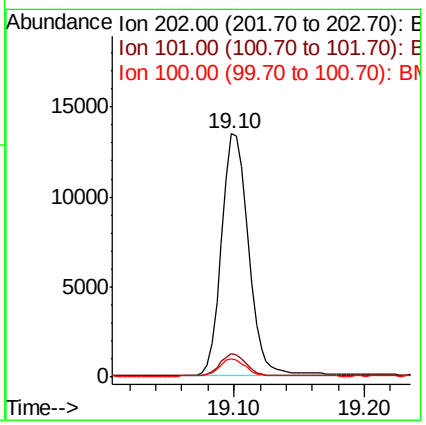
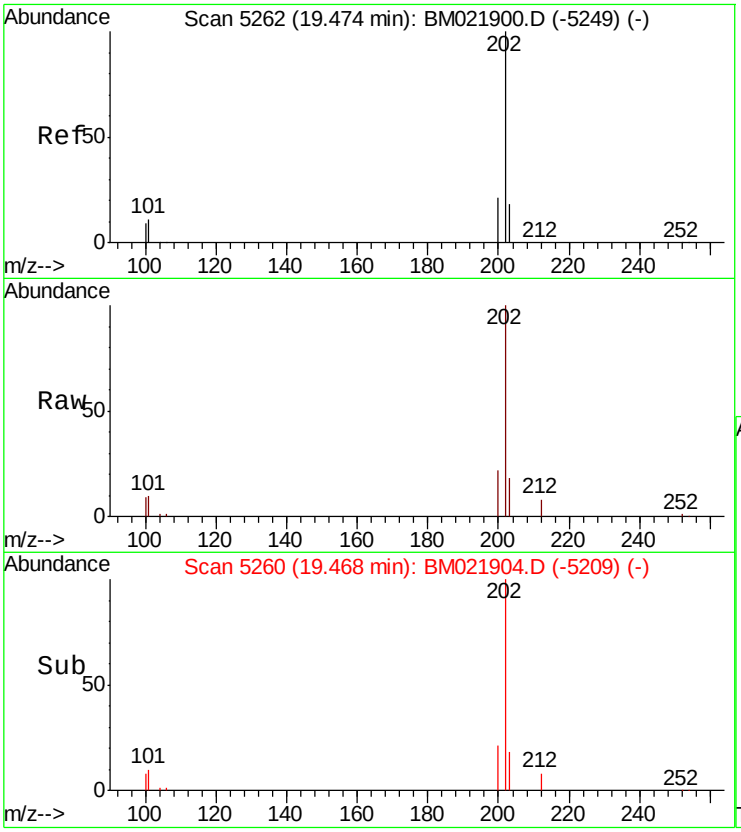


#15
Fluoranthene
Concen: 0.968 ng/ul
RT: 19.10 min Scan# 5163
Delta R.T. -0.01 min
Lab File: BM021904.D
Acq: 07 Aug 2019 20:06

Tgt Ion:202 Resp: 19399

Ion	Ratio	Lower	Upper
202	100		
101	9.6	0.0	30.2
100	7.5	0.0	28.1





#17
Pyrene
Concen: 0.921 ng/ul
RT: 19.47 min Scan# 5260
Delta R.T. -0.01 min
Lab File: BM021904.D
Acq: 07 Aug 2019 20:06

Tgt Ion:202 Resp: 19105

Ion	Ratio	Lower	Upper
202	100		
101	10.5	8.3	12.5
100	8.7	7.2	10.8

Instrument :
BNA_M
ClientSampleId :
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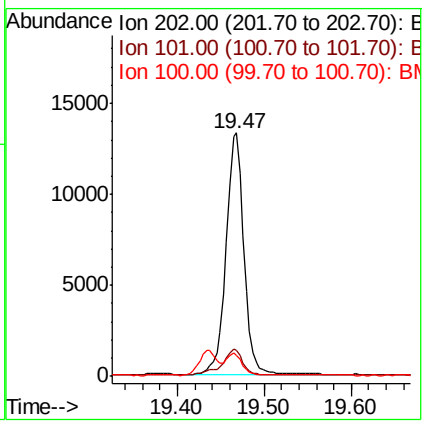
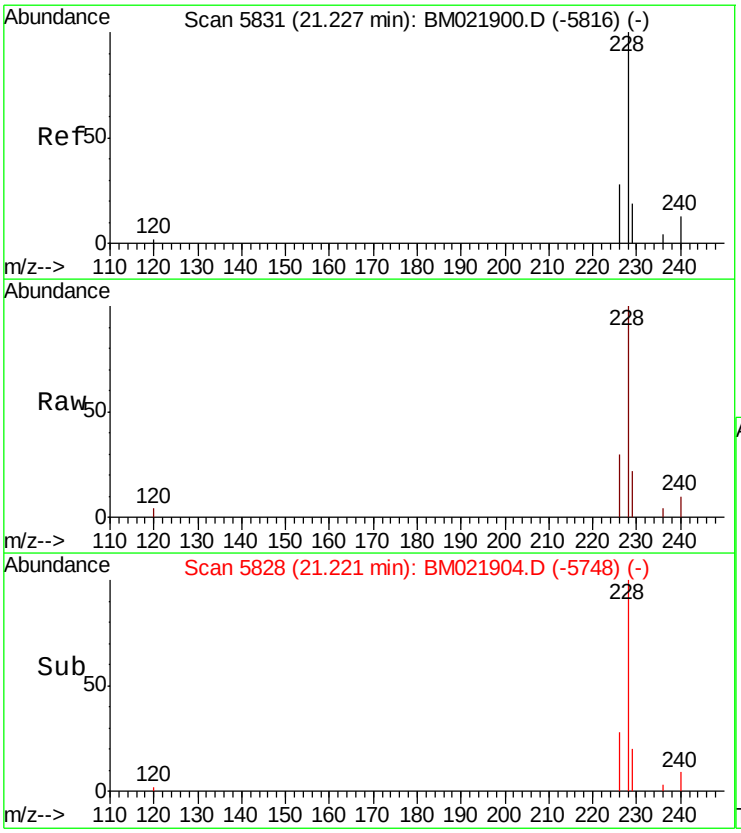
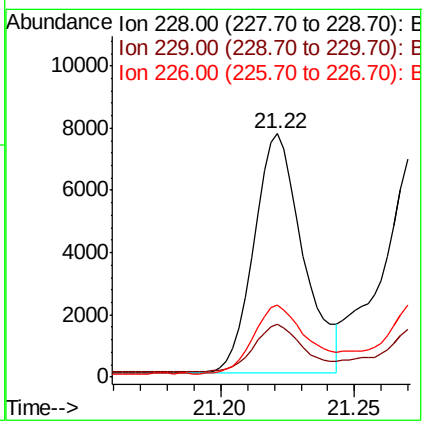


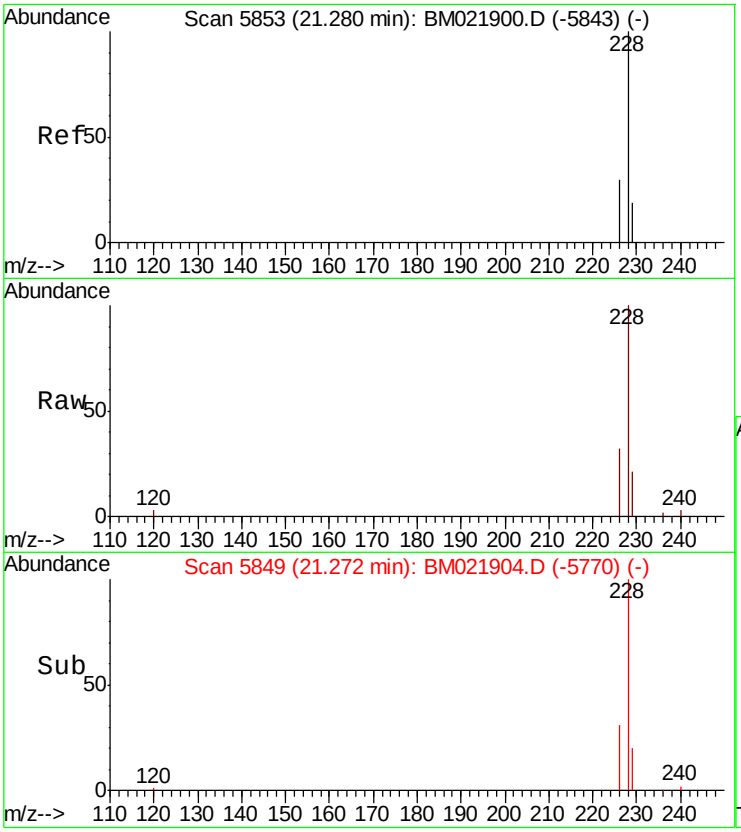


#18
Benzo(a)anthracene
Concen: 0.545 ng/ul
RT: 21.22 min Scan# 5828
Delta R.T. -0.01 min
Lab File: BM021904.D
Acq: 07 Aug 2019 20:06

Tgt Ion:228 Resp: 9846

Ion	Ratio	Lower	Upper
228	100		
229	21.7	17.2	25.8
226	29.6	22.6	34.0

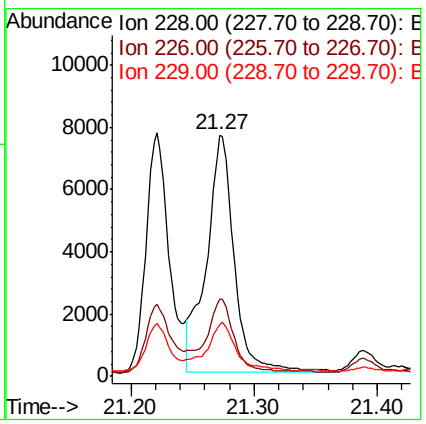




#19
Chrysene
Concen: 0.514 ng/ul
RT: 21.27 min Scan# 5849
Delta R.T. -0.01 min
Lab File: BM021904.D
Acq: 07 Aug 2019 20:06

Tgt Ion:228 Resp: 11939

Ion	Ratio	Lower	Upper
228	100		
226	32.2	24.9	37.3
229	21.4	16.6	25.0



Instrument :
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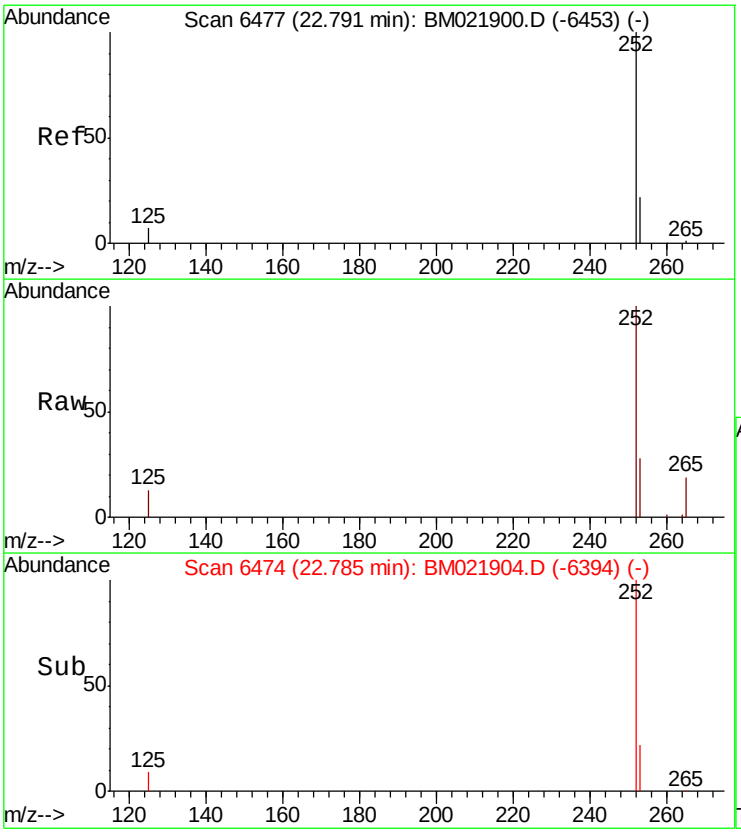
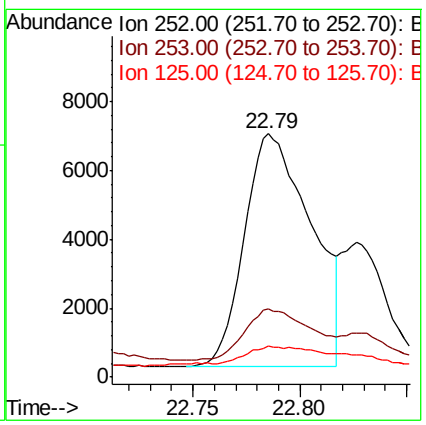
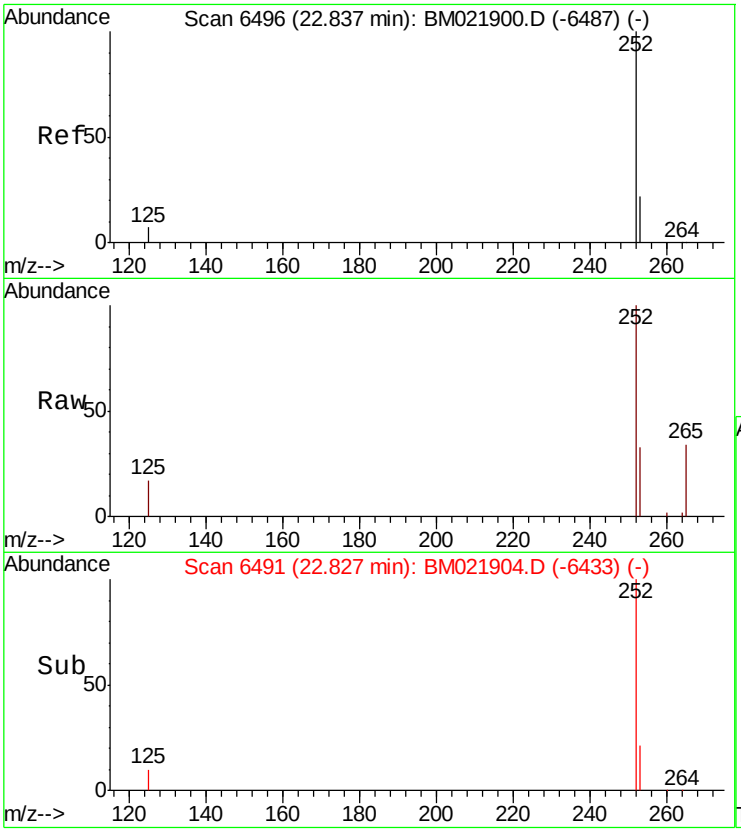


#21
Benzo(b)fluoranthene
Concen: 0.626 ng/ul m
RT: 22.79 min Scan# 6474
Delta R.T. -0.01 min
Lab File: BM021904.D
Acq: 07 Aug 2019 20:06

Tgt Ion:252 Resp: 14637

Ion	Ratio	Lower	Upper
252	100		
253	28.2	0.0	67.4
125	12.6	0.0	31.0

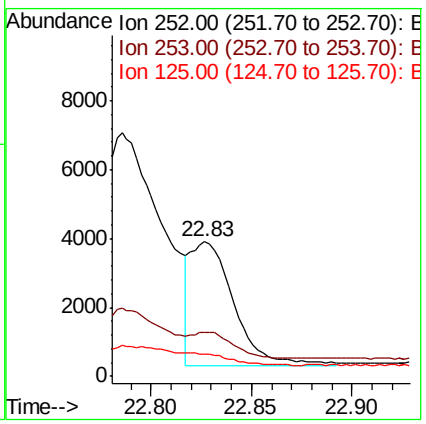




#22
Benzo(k)fluoranthene
Concen: 0.206 ng/ul m
RT: 22.83 min Scan# 6491
Delta R.T. -0.01 min
Lab File: BM021904.D
Acq: 07 Aug 2019 20:06

Tgt Ion:252 Resp: 5461

Ion	Ratio	Lower	Upper
252	100		
253	32.9	27.0	40.4
125	16.9	12.2	18.2



Instrument :
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ClientSampleId :
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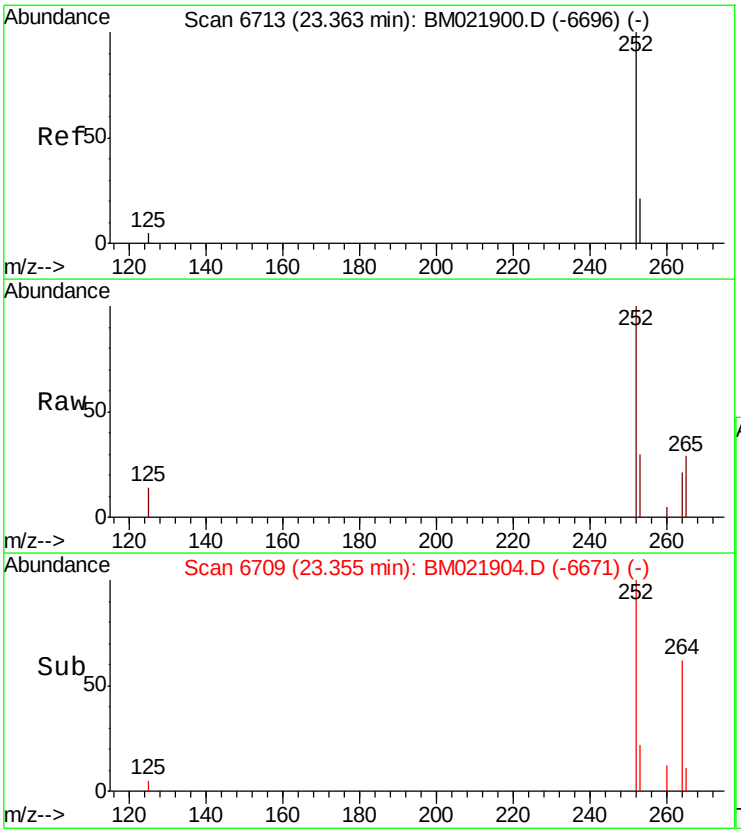
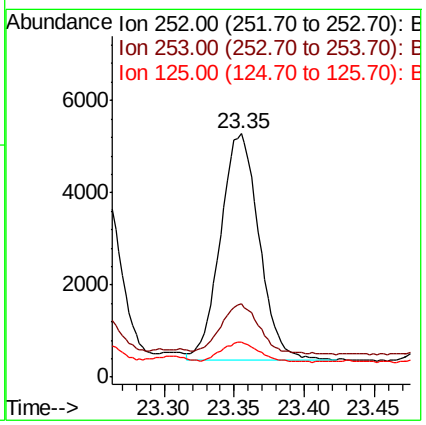
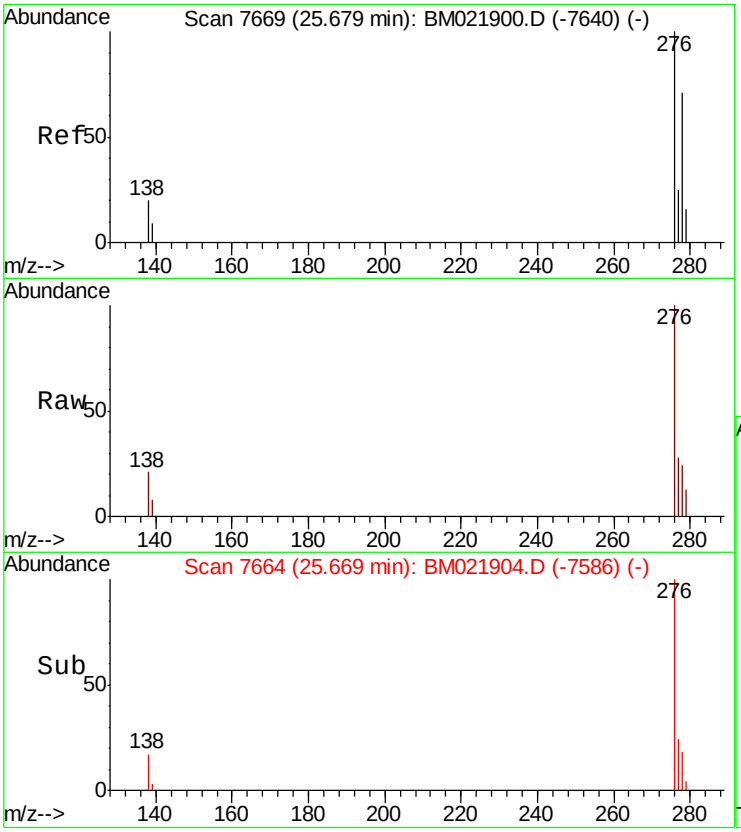


#23
Benzo(a)pyrene
Concen: 0.396 ng/ul
RT: 23.35 min Scan# 6709
Delta R.T. -0.01 min
Lab File: BM021904.D
Acq: 07 Aug 2019 20:06

Tgt Ion:252 Resp: 9423

Ion	Ratio	Lower	Upper
252	100		
253	29.9	31.7	47.5#
125	14.5	14.6	21.8#

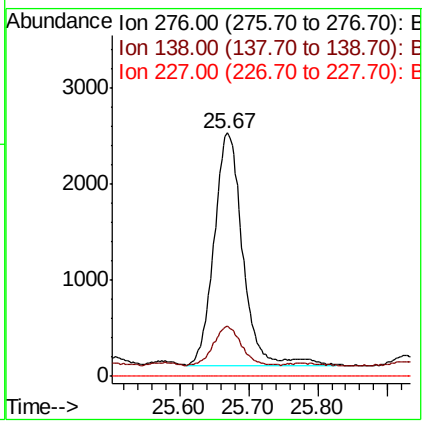




#24
Indeno(1,2,3-cd)pyrene
Concen: 0.244 ng/ul
RT: 25.67 min Scan# 7664
Delta R.T. -0.01 min
Lab File: BM021904.D
Acq: 07 Aug 2019 20:06

Tgt Ion:276 Resp: 6925

Ion	Ratio	Lower	Upper
276	100		
138	16.5	15.1	22.7
227	0.0	0.0	0.0



Instrument :
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ClientSampleId :
BEP14DL

Manual Integrations APPROVED
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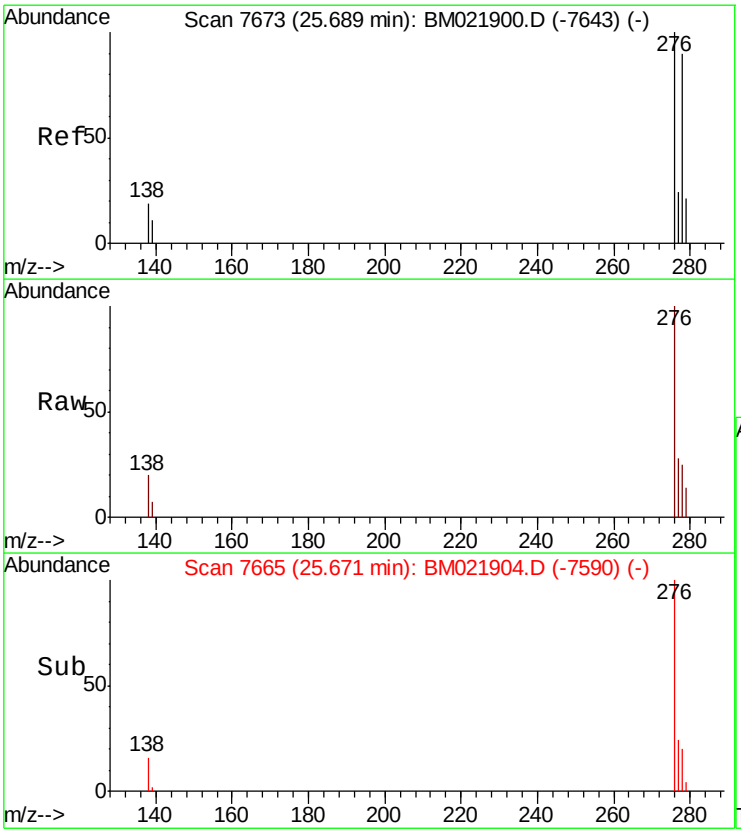
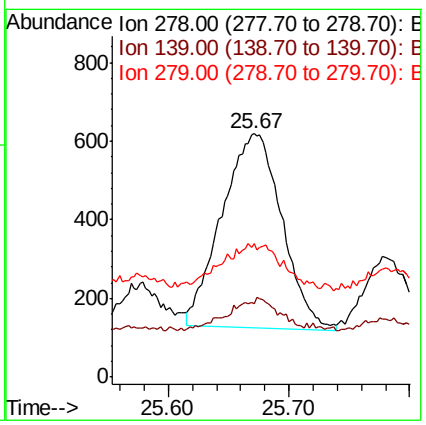
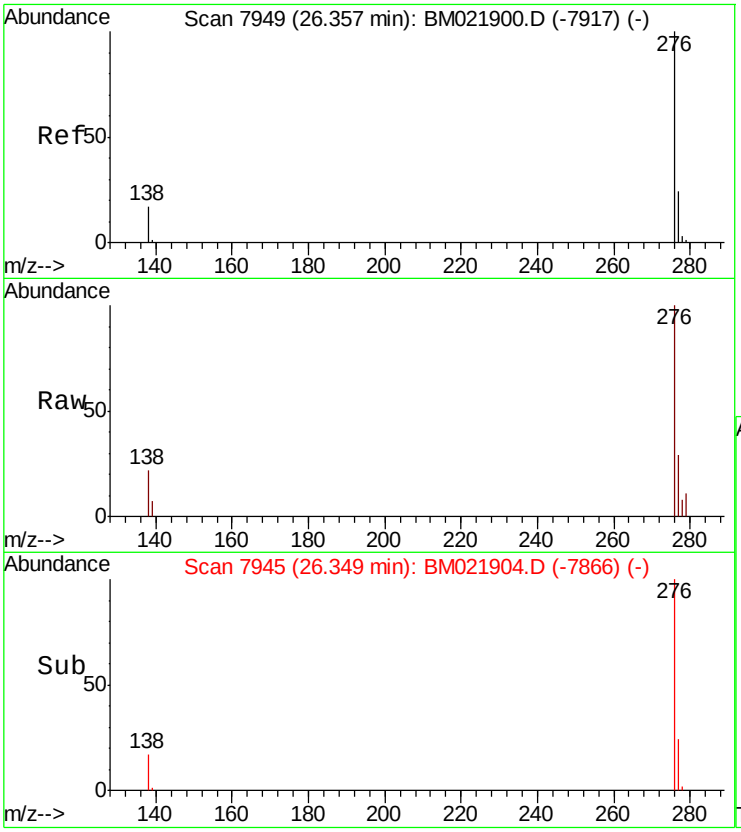


#25
Dibenzo(a,h)anthracene
Concen: 0.074 ng/ul
RT: 25.67 min Scan# 7665
Delta R.T. -0.02 min
Lab File: BM021904.D
Acq: 07 Aug 2019 20:06

Tgt Ion:278 Resp: 1707

Ion	Ratio	Lower	Upper
278	100		
139	30.2	14.2	21.2#
279	54.9	28.3	42.5#

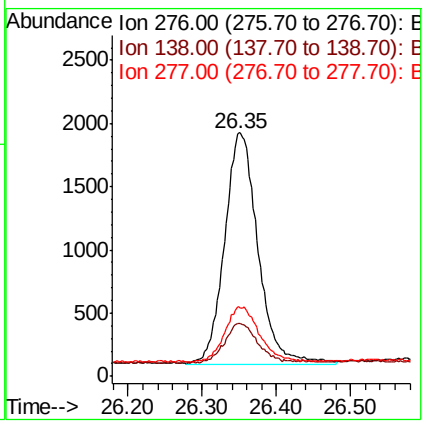




#26
Benzo(g,h,i)perylene
Concen: 0.224 ng/ul
RT: 26.35 min Scan# 7945
Delta R.T. -0.01 min
Lab File: BM021904.D
Acq: 07 Aug 2019 20:06

Tgt Ion:276 Resp: 5719

Ion	Ratio	Lower	Upper
276	100		
138	21.9	15.5	23.3
277	28.6	21.4	32.2



Instrument :
BNA_M
ClientSampleId :
BEP14DL

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