Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080719\
Data File : BM021895.D
Acq On : 07 Aug 2019 14:36
Operator : HP/JU
Sample : K3893-04DL 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEP02DL

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Quant Time: Aug 07 15:30:35 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 : Wed Aug 07 08:28:11 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	906	0.40	ng/ul	0.00
2) Naphthalene-d8	10.40	136	3875	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.28	164	2176	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.04	188	5110	0.40	ng/ul	-0.02
16) Chrysene-d12	21.24	240	5057	0.40	ng/ul	0.00
20) Perylene-d12	23.45	264	7603	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.03	152	670	0.10	ng/ul	0.00
14) Fluoranthene-d10	19.07	212	1877	0.11	ng/ul	0.00
Target Compounds						Qvalue
7) Acenaphthylene	14.00	152	804	0.079	ng/ul#	78
8) Acenaphthene	14.34	153	212	0.026	ng/ul#	92
9) Fluorene	15.34	166	314	0.034	ng/ul#	90
12) Phenanthrene	17.08	178	4747	0.319	ng/ul	99
13) Anthracene	17.17	178	1169	0.092	ng/ul#	87
15) Fluoranthene	19.10	202	16259	0.816	ng/ul	97
17) Pyrene	19.46	202	19089	0.919	ng/ul	98
18) Benzo(a)anthracene	21.22	228	11470	0.634	ng/ul	98
19) Chrysene	21.27	228	13131	0.564	ng/ul	97
21) Benzo(b)fluoranthene	22.79	252	15107m	0.589	ng/ul	
22) Benzo(k)fluoranthene	22.82	252	6184m	0.213	ng/ul	
23) Benzo(a)pyrene	23.35	252	11153	0.428	ng/ul#	85
24) Indeno(1,2,3-cd)pyrene	25.66	276	7397	0.238	ng/ul#	95
25) Dibenzo(a,h)anthracene	25.67	278	2053	0.082	ng/ul#	69
26) Benzo(g,h,i)perylene	26.35	276	6463	0.231	ng/ul	95

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080719\
Data File : BM021895.D
Acq On : 07 Aug 2019 14:36
Operator : HP/JU
Sample : K3893-04DL 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Aug 07 15:30:35 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 : Wed Aug 07 08:28:11 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BEP02DL

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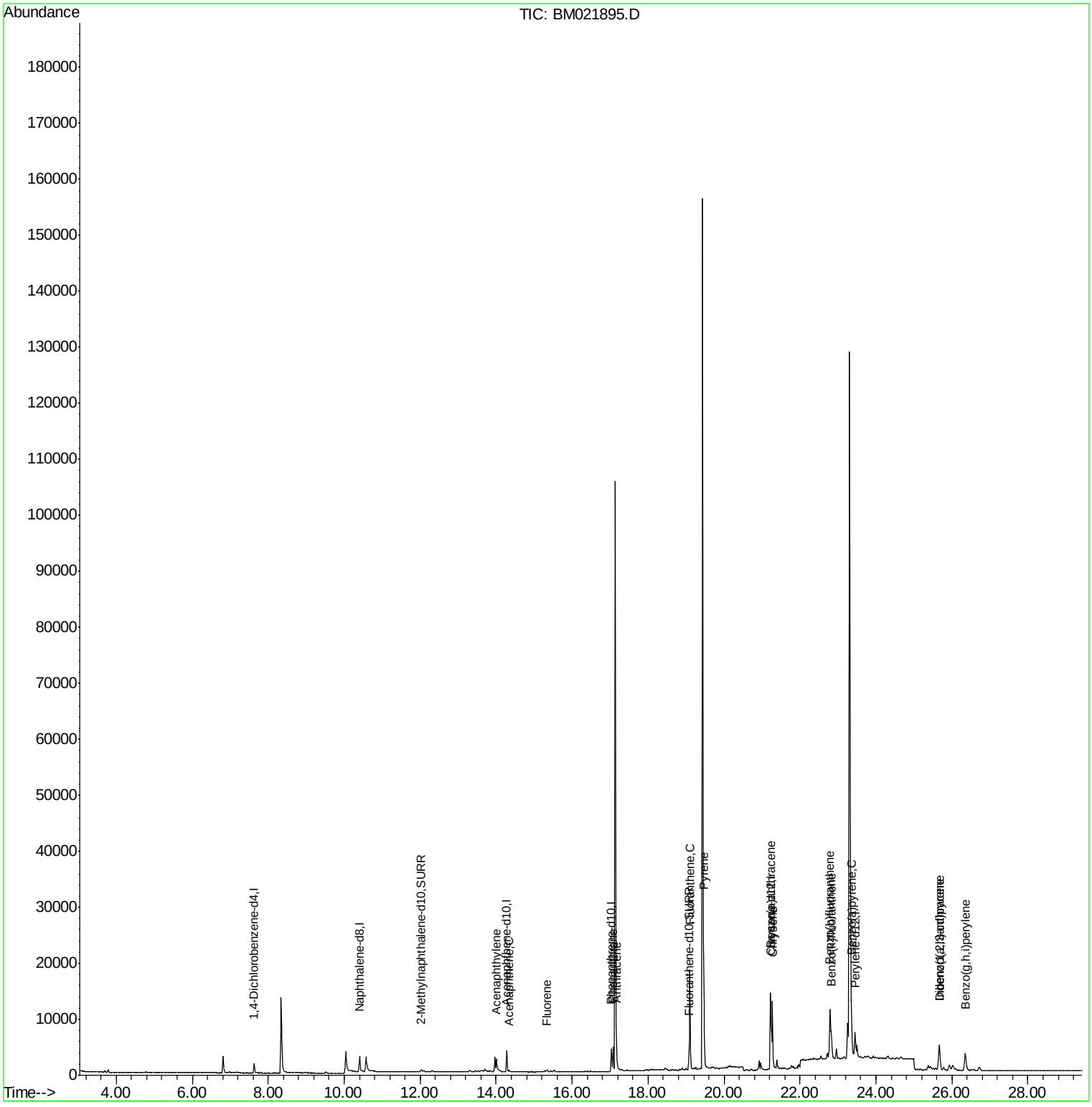
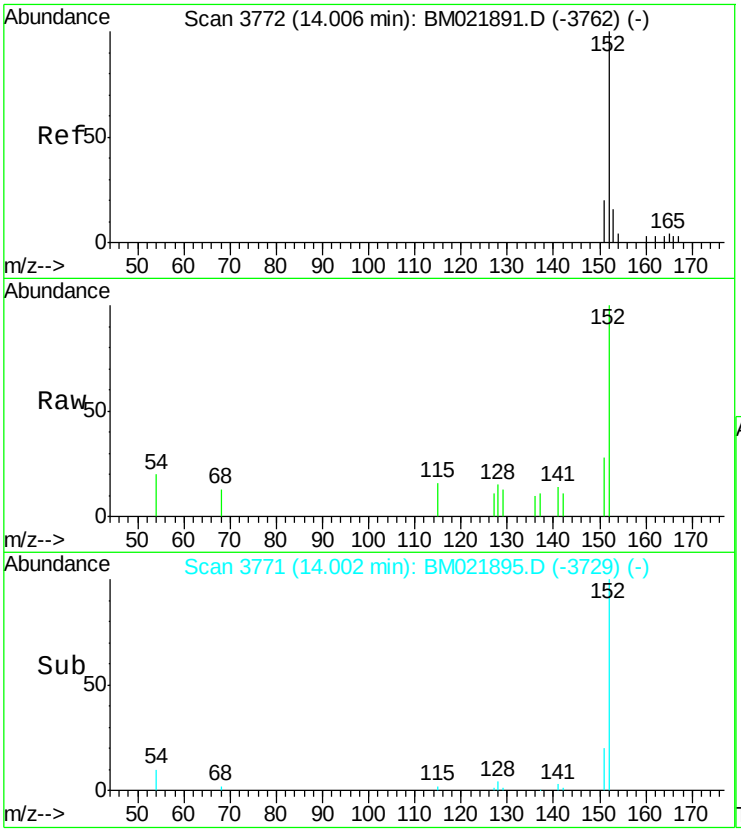
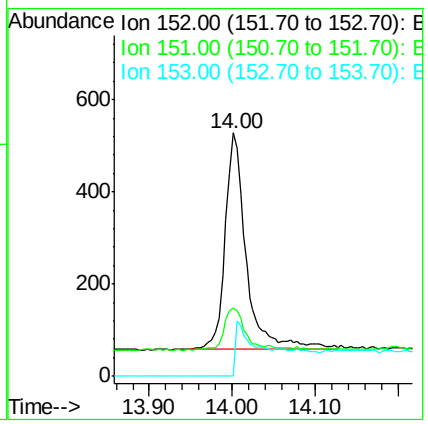




#7
Acenaphthylene
Concen: 0.079 ng/ul
RT: 14.00 min Scan# 3771
Delta R.T. -0.01 min
Lab File: BM021895.D
Acq: 07 Aug 2019 14:36

Tgt Ion:152 Resp: 804

Ion	Ratio	Lower	Upper
152	100		
151	28.0	18.3	27.5#
153	0.0	12.8	19.2#



Instrument :
BNA_M
ClientSampleId :
BEP02DL

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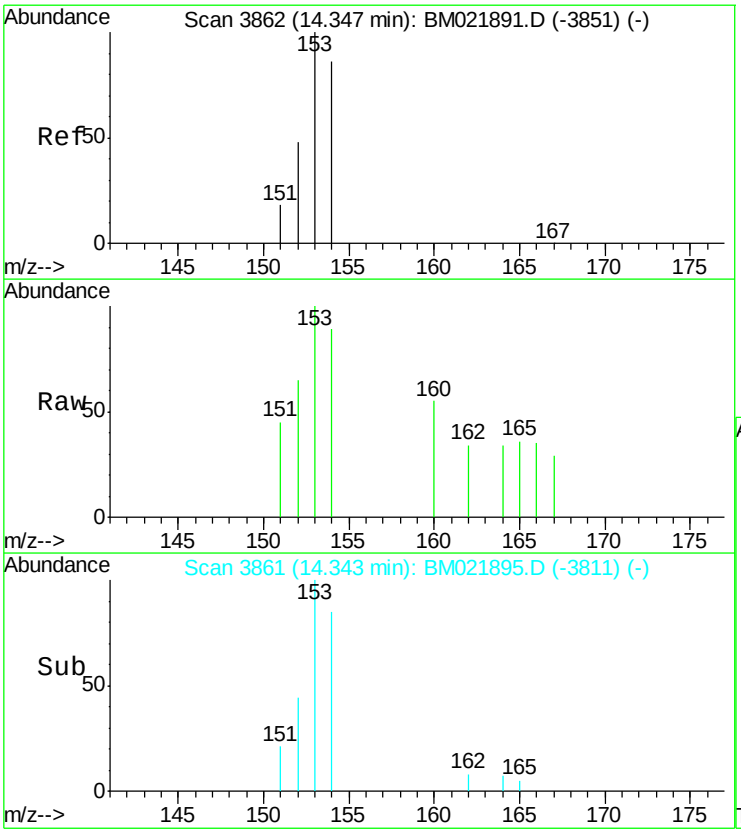
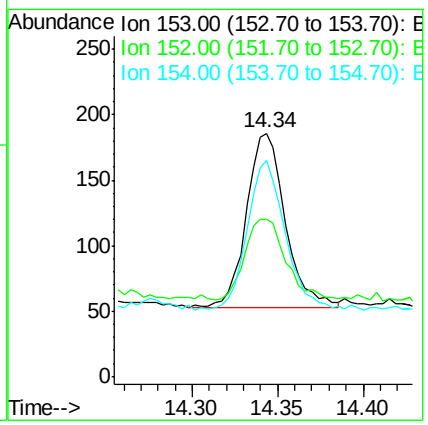
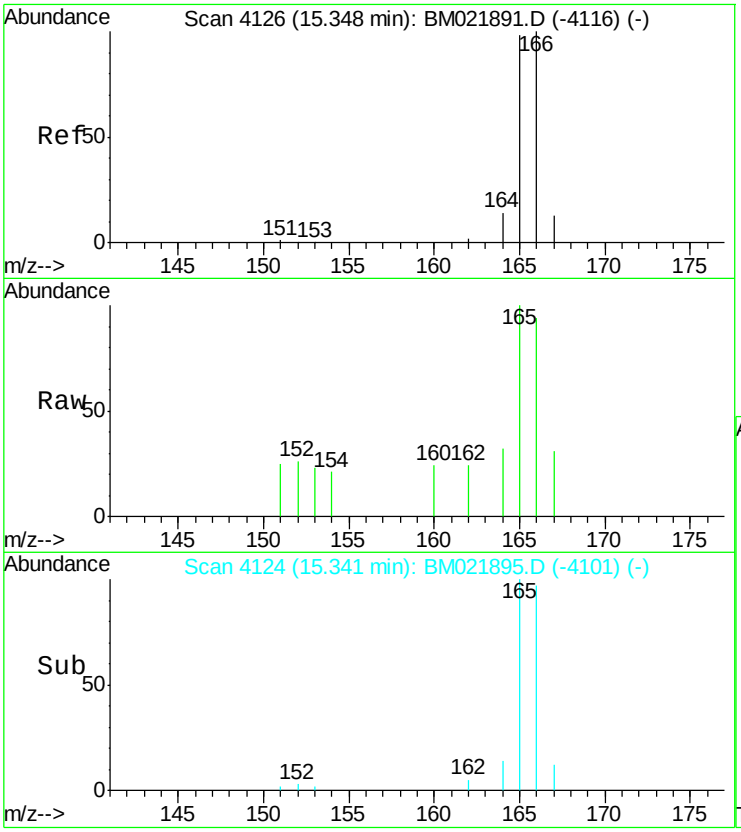


#8
Acenaphthene
Concen: 0.026 ng/ul
RT: 14.34 min Scan# 3861
Delta R.T. -0.01 min
Lab File: BM021895.D
Acq: 07 Aug 2019 14:36

Tgt Ion:153 Resp: 212

Ion	Ratio	Lower	Upper
153	100		
152	64.5	41.3	61.9#
154	88.7	72.3	108.5

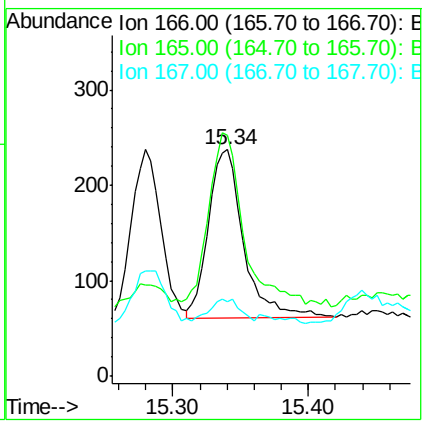




#9
Fluorene
Concen: 0.034 ng/ul
RT: 15.34 min Scan# 4124
Delta R.T. -0.01 min
Lab File: BM021895.D
Acq: 07 Aug 2019 14:36

Tgt Ion:166 Resp: 314

Ion	Ratio	Lower	Upper
166	100		
165	106.8	81.4	122.0
167	32.9	13.7	20.5#



Instrument :
BNA_M
ClientSampleId :
BEP02DL

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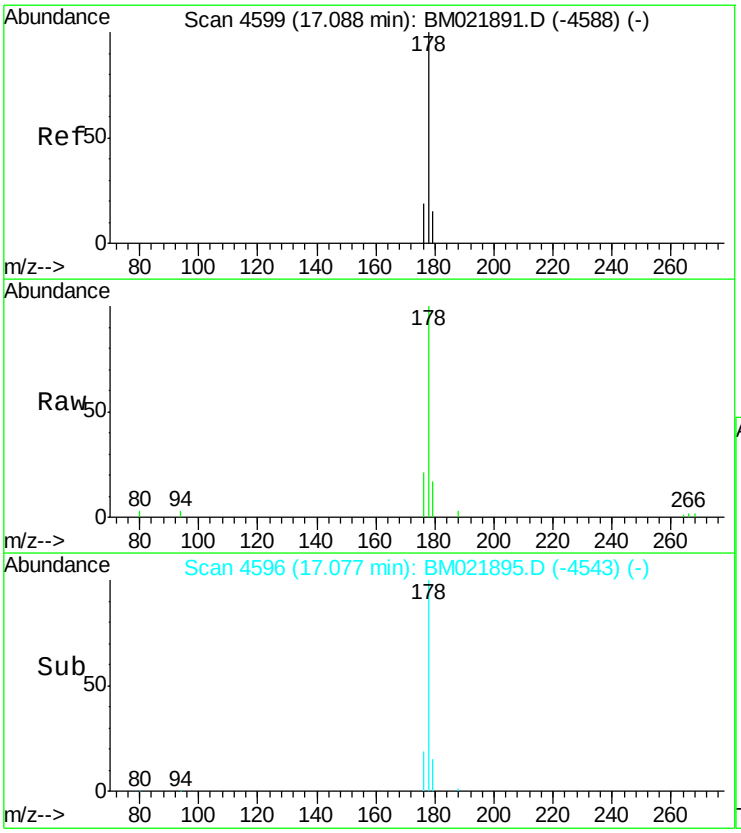
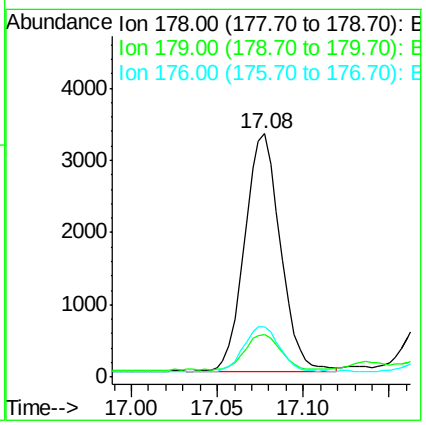
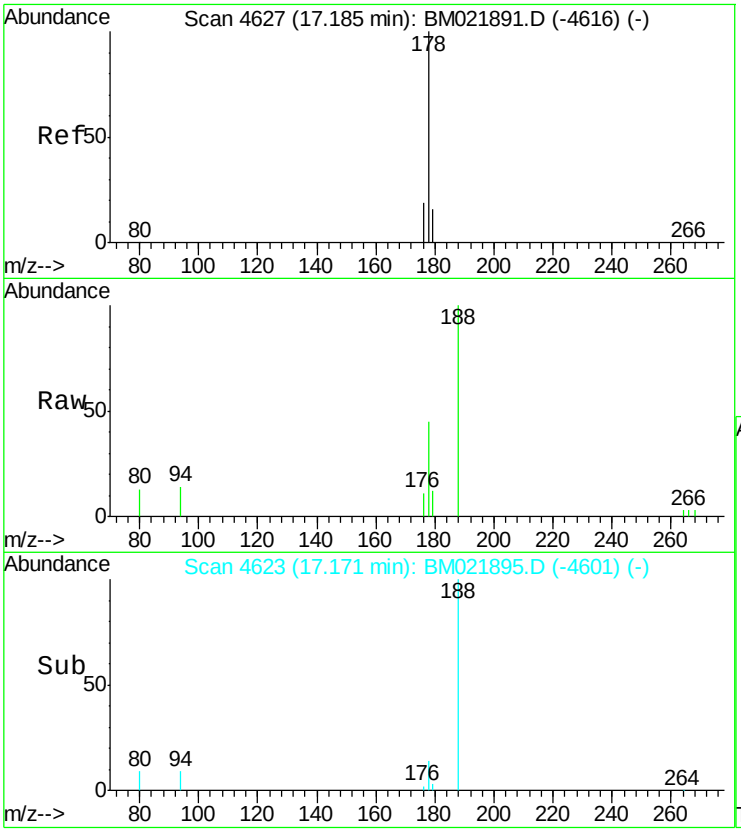


#12
Phenanthrene
Concen: 0.319 ng/ul
RT: 17.08 min Scan# 4596
Delta R.T. -0.02 min
Lab File: BM021895.D
Acq: 07 Aug 2019 14:36

Tgt Ion:178 Resp: 4747

Ion	Ratio	Lower	Upper
178	100		
179	17.3	14.2	21.2
176	20.5	16.8	25.2

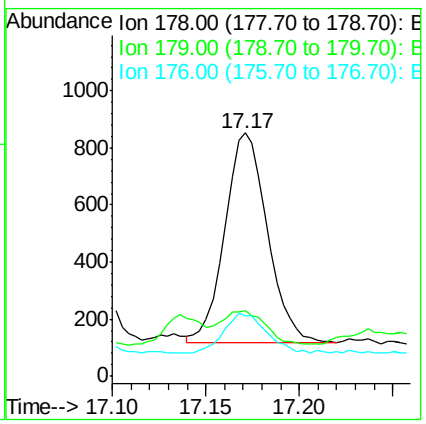




#13
Anthracene
Concen: 0.092 ng/ul
RT: 17.17 min Scan# 4623
Delta R.T. -0.02 min
Lab File: BM021895.D
Acq: 07 Aug 2019 14:36

Tgt Ion:178 Resp: 1169

Ion	Ratio	Lower	Upper
178	100		
179	27.0	15.5	23.3#
176	24.9	16.6	25.0



Instrument :
BNA_M
ClientSampleId :
BEP02DL

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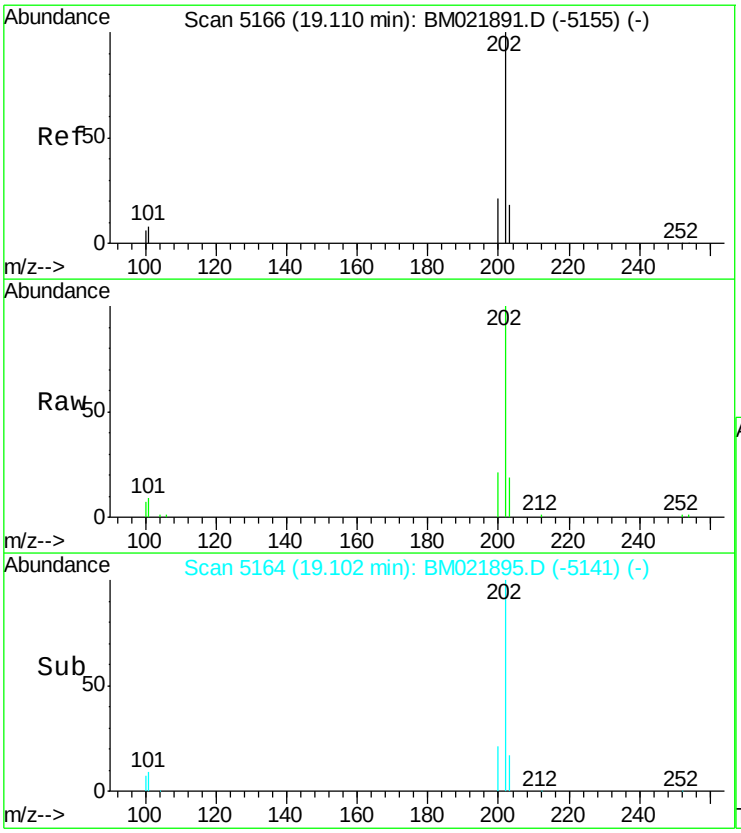
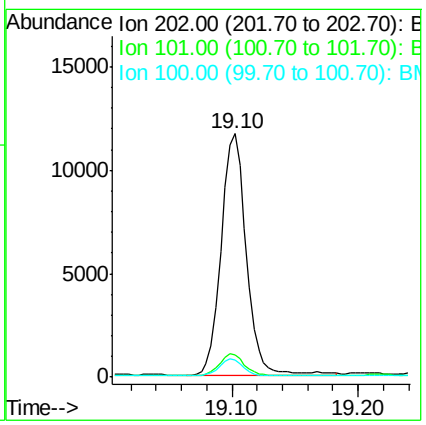
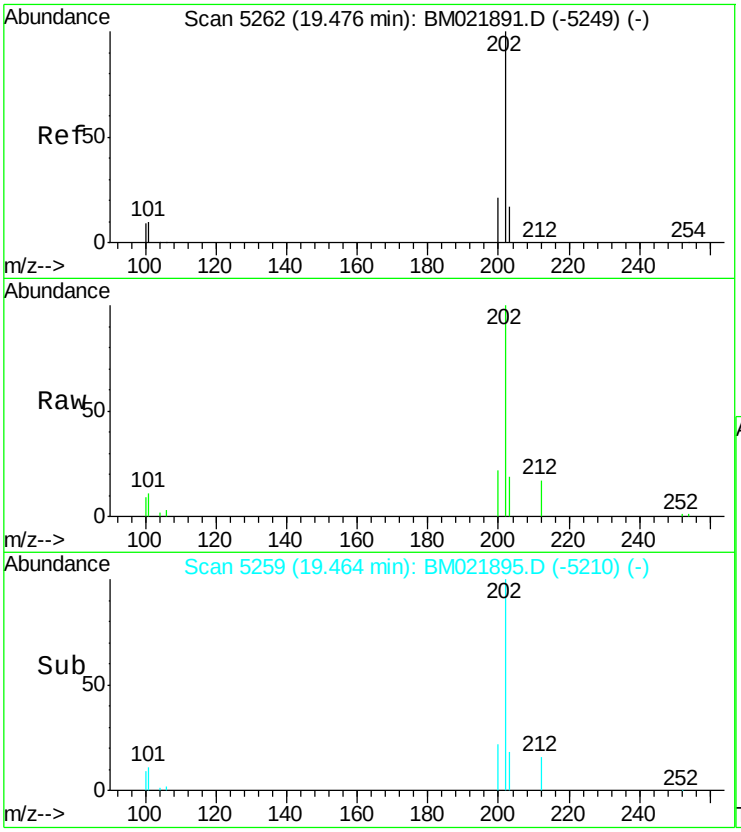


#15
Fluoranthene
Concen: 0.816 ng/ul
RT: 19.10 min Scan# 5164
Delta R.T. -0.01 min
Lab File: BM021895.D
Acq: 07 Aug 2019 14:36

Tgt Ion:202 Resp: 16259

Ion	Ratio	Lower	Upper
202	100		
101	9.3	0.0	30.2
100	7.2	0.0	28.1





#17
Pyrene
Concen: 0.919 ng/ul
RT: 19.46 min Scan# 5259
Delta R.T. -0.01 min
Lab File: BM021895.D
Acq: 07 Aug 2019 14:36

Tgt Ion:202 Resp: 19089

Ion	Ratio	Lower	Upper
202	100		
101	11.1	8.3	12.5
100	9.5	7.2	10.8

Instrument :
BNA_M
ClientSampleId :
BEP02DL

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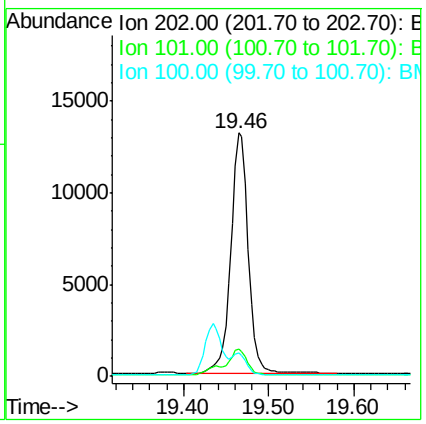
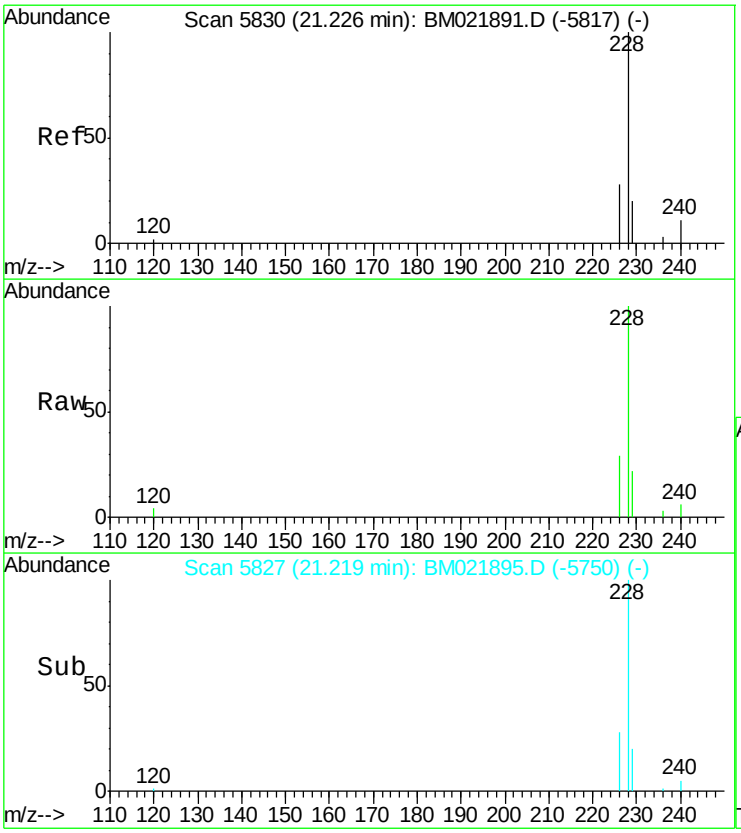
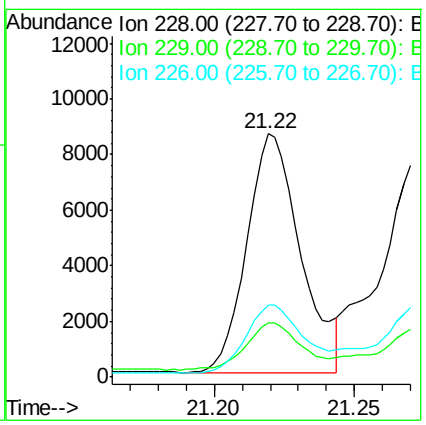


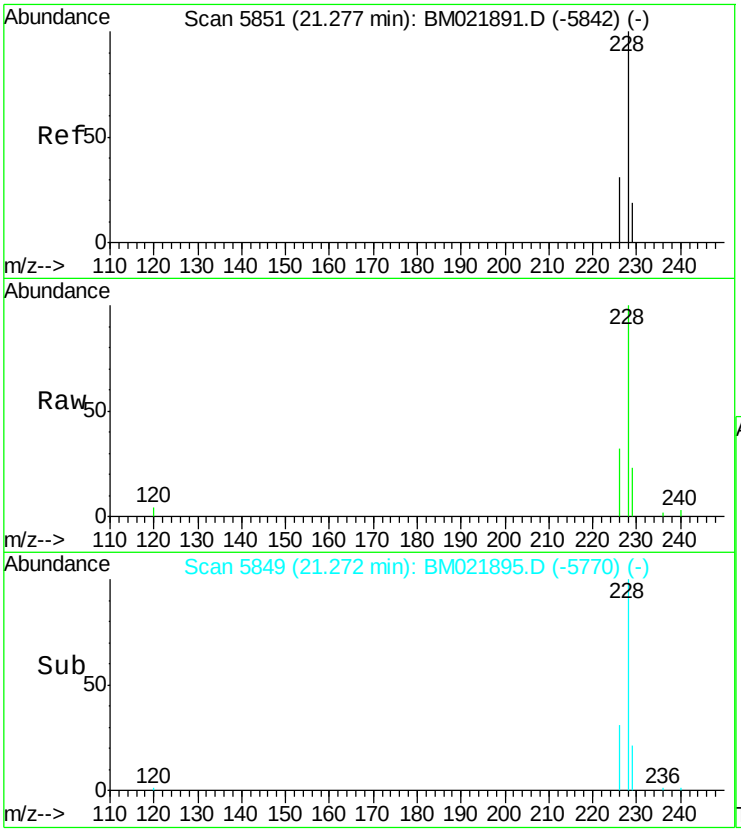


#18
Benzo(a)anthracene
Concen: 0.634 ng/ul
RT: 21.22 min Scan# 5827
Delta R.T. -0.01 min
Lab File: BM021895.D
Acq: 07 Aug 2019 14:36

Tgt Ion:228 Resp: 11470

Ion	Ratio	Lower	Upper
228	100		
229	22.4	17.2	25.8
226	29.5	22.6	34.0





#19
Chrysene
Concen: 0.564 ng/ul
RT: 21.27 min Scan# 5849
Delta R.T. -0.01 min
Lab File: BM021895.D
Acq: 07 Aug 2019 14:36

Tgt Ion:228 Resp: 13131

Ion	Ratio	Lower	Upper
228	100		
226	32.3	24.9	37.3
229	22.7	16.6	25.0

Instrument :
BNA_M
ClientSampleId :
BEP02DL

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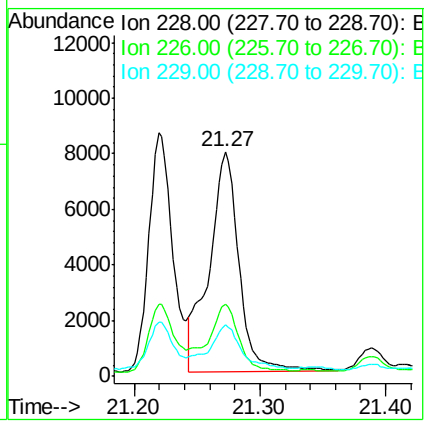
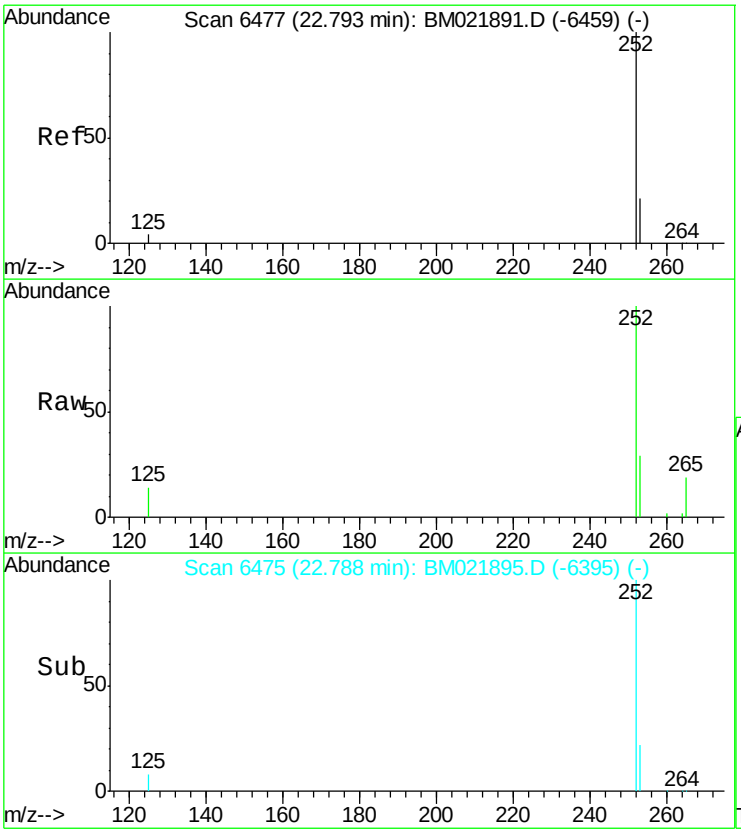
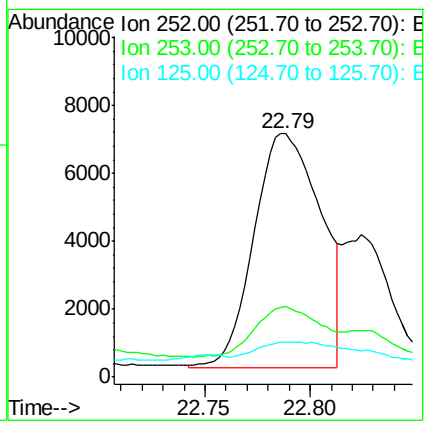


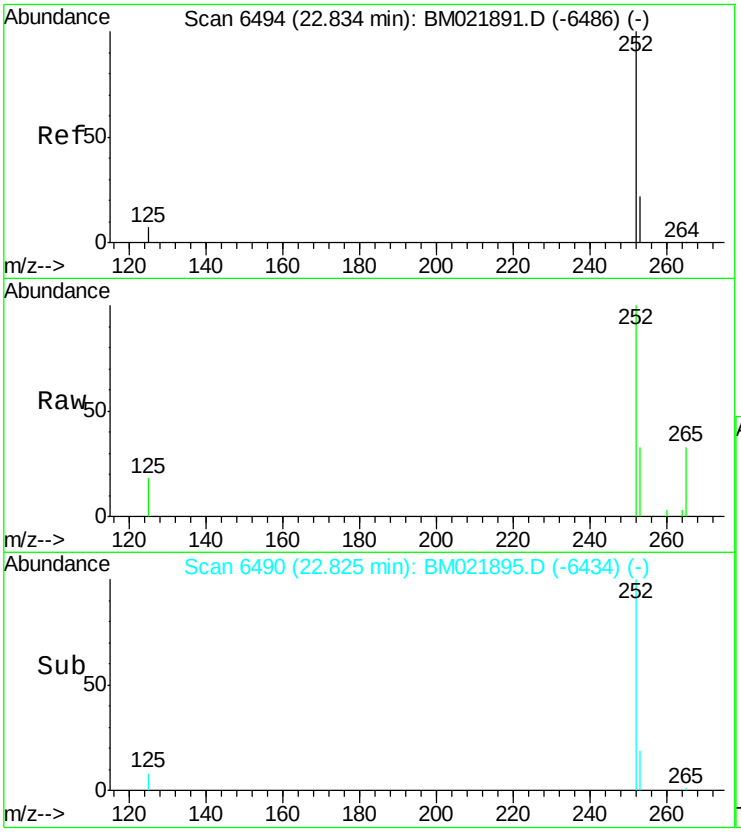


#21
Benzo(b)fluoranthene
Concen: 0.589 ng/ul m
RT: 22.79 min Scan# 6475
Delta R.T. -0.01 min
Lab File: BM021895.D
Acq: 07 Aug 2019 14:36

Tgt Ion:252 Resp: 15107

Ion	Ratio	Lower	Upper
252	100		
253	28.8	0.0	67.4
125	14.2	0.0	31.0





#22
Benzo(k)fluoranthene
Concen: 0.213 ng/ul m
RT: 22.82 min Scan# 6490
Delta R.T. -0.01 min
Lab File: BM021895.D
Acq: 07 Aug 2019 14:36

Tgt Ion:252 Resp: 6184

Ion	Ratio	Lower	Upper
252	100		
253	33.0	27.0	40.4
125	18.4	12.2	18.2#

Instrument :
BNA_M
ClientSampleId :
BEP02DL

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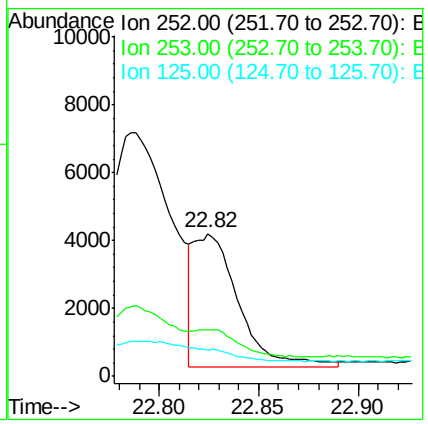
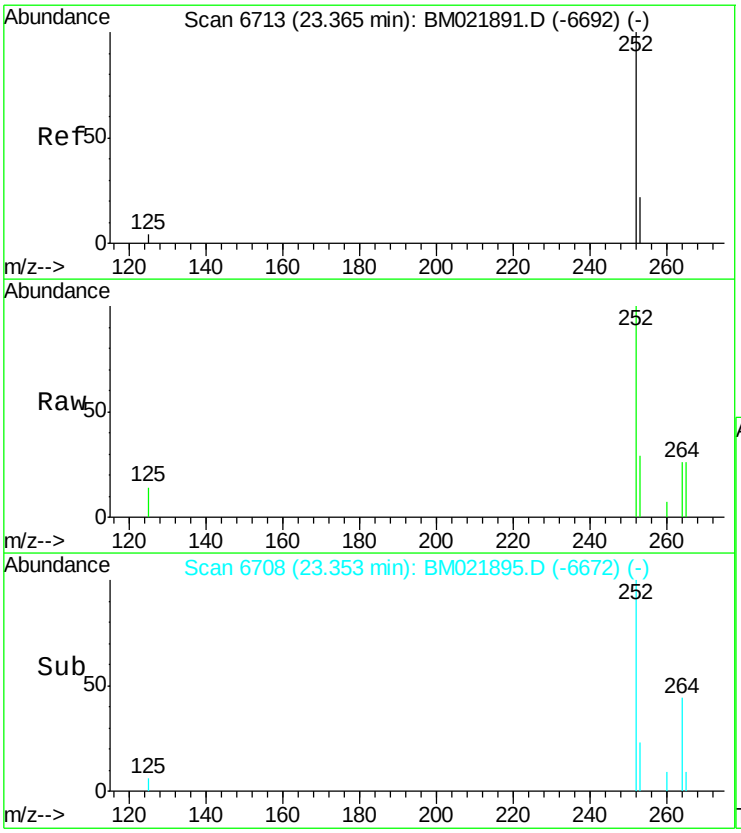
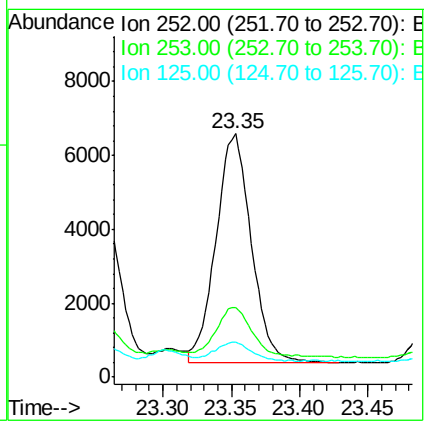


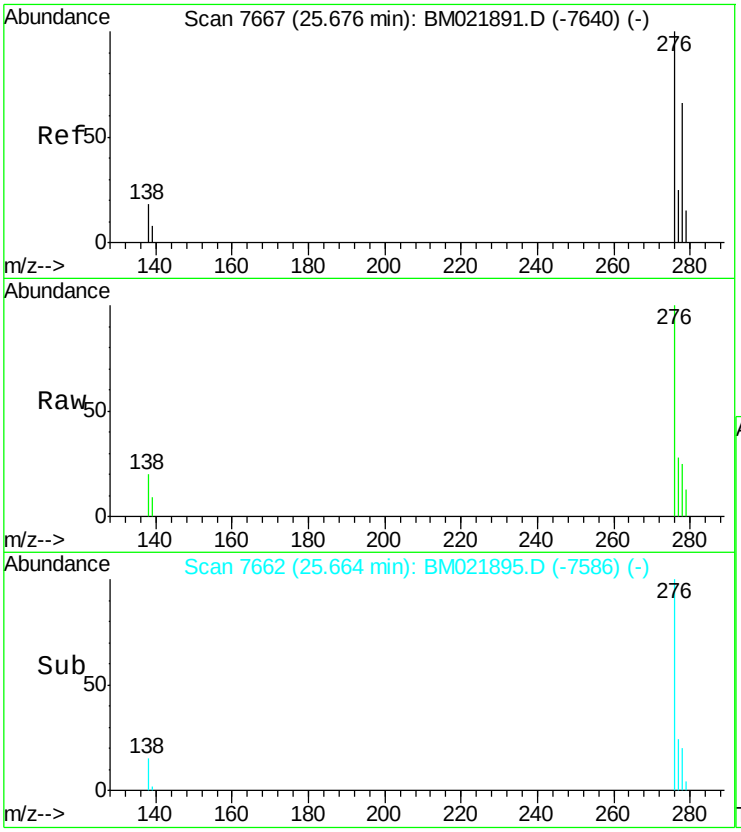


#23
Benzo(a)pyrene
Concen: 0.428 ng/ul
RT: 23.35 min Scan# 6708
Delta R.T. -0.01 min
Lab File: BM021895.D
Acq: 07 Aug 2019 14:36

Tgt Ion:252 Resp: 11153

Ion	Ratio	Lower	Upper
252	100		
253	28.8	31.7	47.5#
125	14.4	14.6	21.8#





#24
Indeno(1,2,3-cd)pyrene
Concen: 0.238 ng/ul
RT: 25.66 min Scan# 7662
Delta R.T. -0.01 min
Lab File: BM021895.D
Acq: 07 Aug 2019 14:36

Tgt Ion:276 Resp: 7397

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

Instrument :
BNA_M
ClientSampleId :
BEP02DL

Manual Integrations APPROVED
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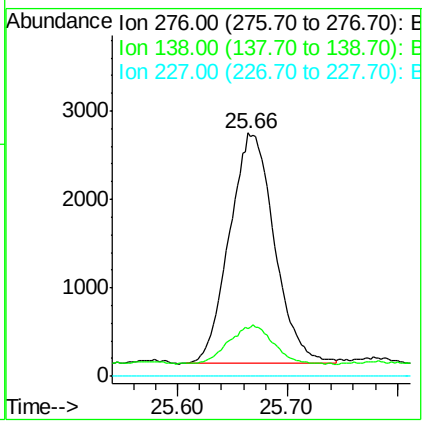
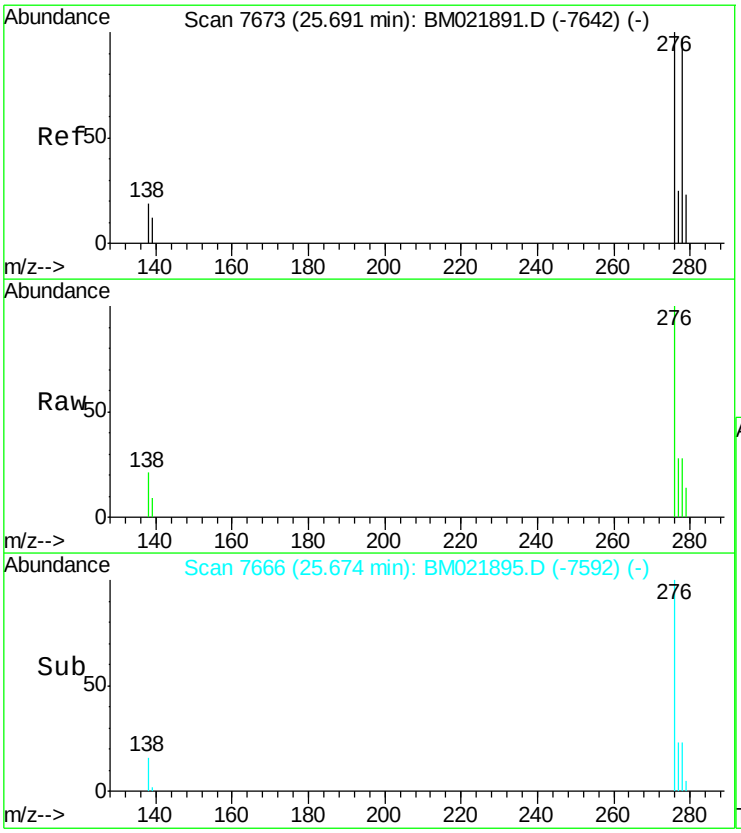
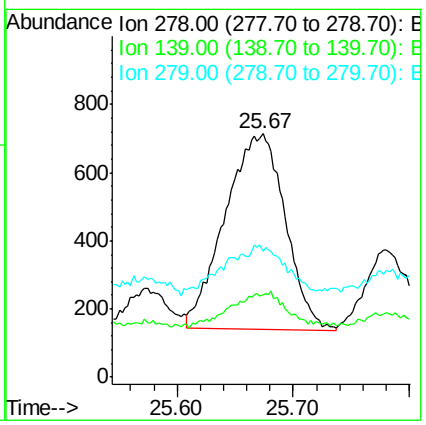


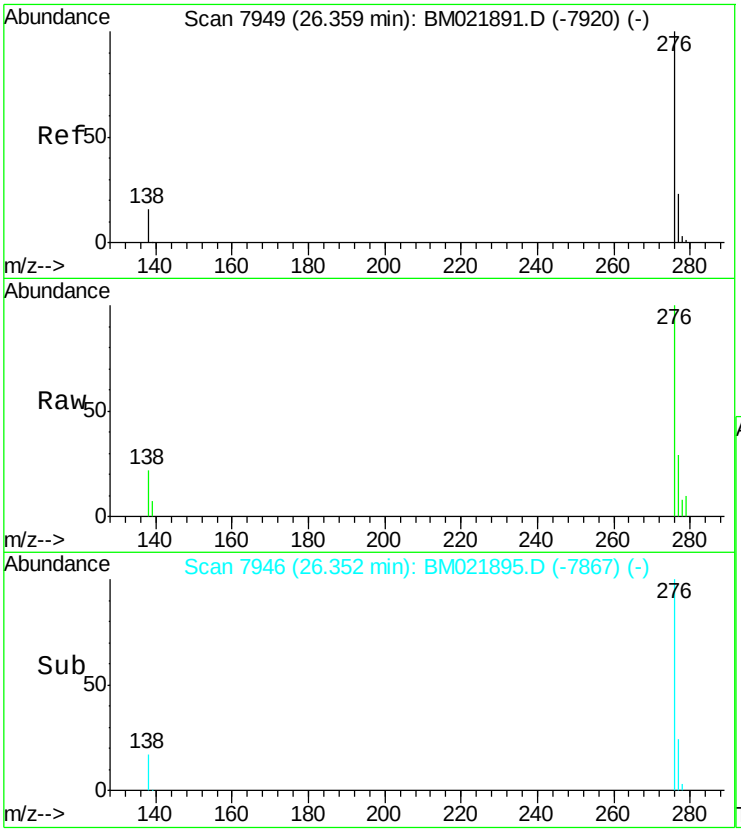


#25
Dibenzo(a,h)anthracene
Concen: 0.082 ng/ul
RT: 25.67 min Scan# 7666
Delta R.T. -0.02 min
Lab File: BM021895.D
Acq: 07 Aug 2019 14:36

Tgt Ion:278 Resp: 2053

Ion	Ratio	Lower	Upper
278	100		
139	34.0	14.2	21.2#
279	52.0	28.3	42.5#

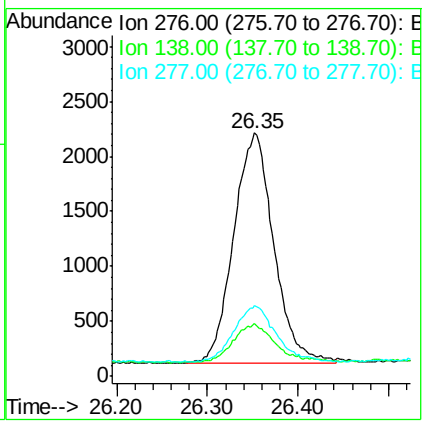




#26
Benzo(g,h,i)perylene
Concen: 0.231 ng/ul
RT: 26.35 min Scan# 7946
Delta R.T. -0.01 min
Lab File: BM021895.D
Acq: 07 Aug 2019 14:36

Tgt Ion:276 Resp: 6463

Ion	Ratio	Lower	Upper
276	100		
138	21.8	15.5	23.3
277	29.1	21.4	32.2



Instrument :
BNA_M
ClientSampleId :
BEP02DL

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