Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE103018\
Data File : BE098110.D
Acq On : 30 Oct 2018 12:15
Operator : SJ/JU
Sample : J5598-16DL 10X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AE6DL

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10/30/2018 5:00:46 PM

Quant Time: Oct 30 13:02:50 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE102518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 30 01:14:11 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	1088	0.40	ng/ul	0.00
2) Naphthalene-d8	10.67	136	5464	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.53	164	3932	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.29	188	9567	0.40	ng/ul	0.00
16) Chrysene-d12	21.47	240	13629	0.40	ng/ul	0.00
20) Perylene-d12	24.02	264	10769	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.27	152	185	0.02	ng/ul	0.00
14) Fluoranthene-d10	19.32	212	551	0.02	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.72	128	2100	0.161	ng/ul	96
5) 2-Methylnaphthalene	12.34	142	682	0.069	ng/ul	99
7) Acenaphthylene	14.25	152	1821	0.117	ng/ul#	94
12) Phenanthrene	17.33	178	4773	0.216	ng/ul	99
13) Anthracene	17.42	178	3699	0.170	ng/ul	99
15) Fluoranthene	19.35	202	24674	0.876	ng/ul	99
17) Pyrene	19.71	202	31302	0.984	ng/ul	100
18) Benzo(a)anthracene	21.45	228	21463	0.536	ng/ul	98
19) Chrysene	21.50	228	33124	1.069	ng/ul	99
21) Benzo(b)fluoranthene	23.24	252	64317m	2.156	ng/ul	
22) Benzo(k)fluoranthene	23.28	252	18989m	0.650	ng/ul	
23) Benzo(a)pyrene	23.90	252	18572	0.647	ng/ul	97
24) Indeno(1,2,3-cd)pyrene	26.70	276	23361	0.710	ng/ul#	96
25) Dibenzo(a,h)anthracene	26.73	278	5758	0.210	ng/ul#	90
26) Benzo(g,h,i)perylene	27.54	276	19898	0.719	ng/ul	98

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE103018\
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Acq On : 30 Oct 2018 12:15
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Sample : J5598-16DL 10X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Oct 30 13:02:50 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE102518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 30 01:14:11 2018
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
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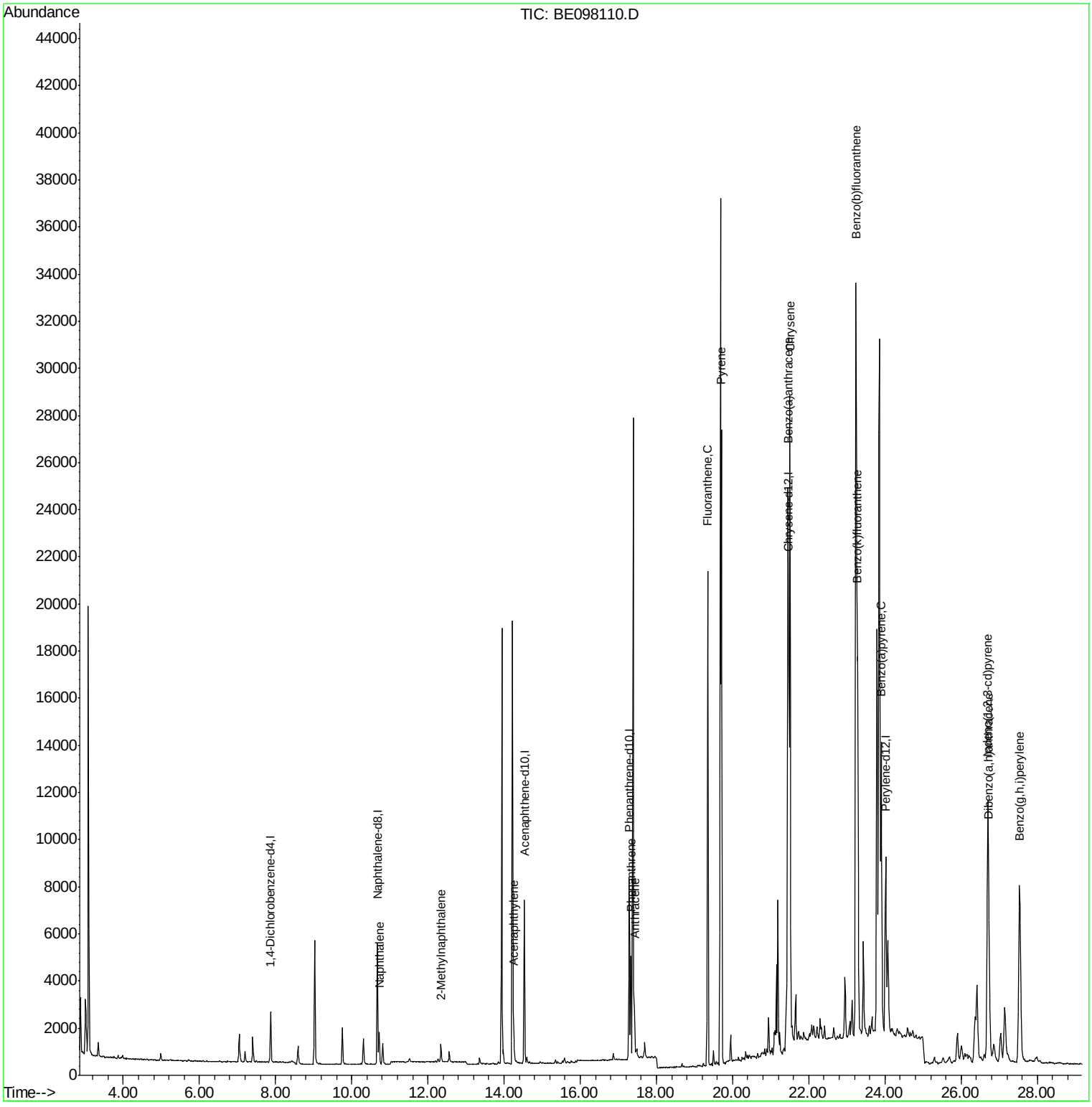
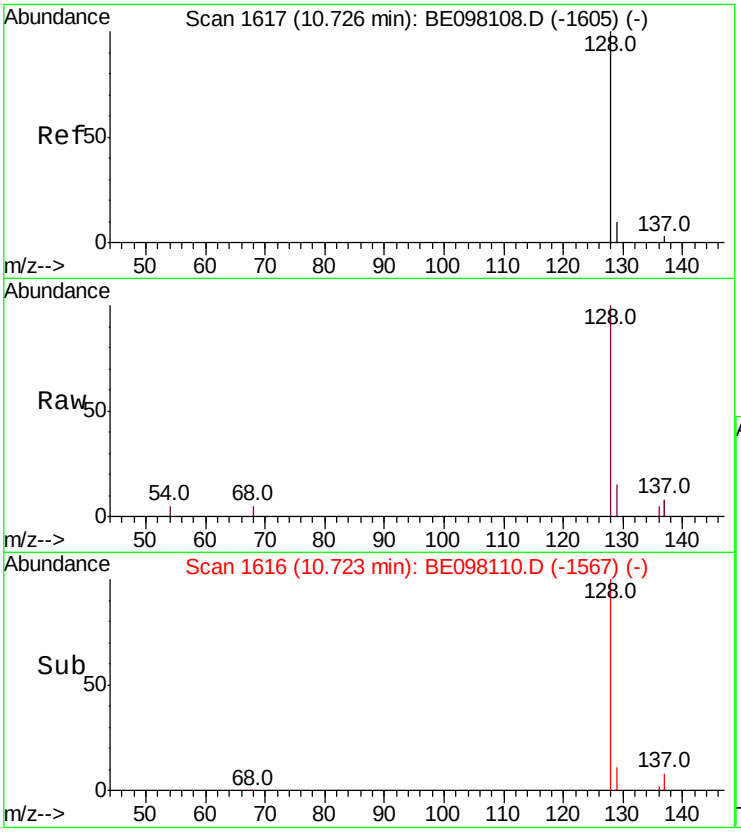
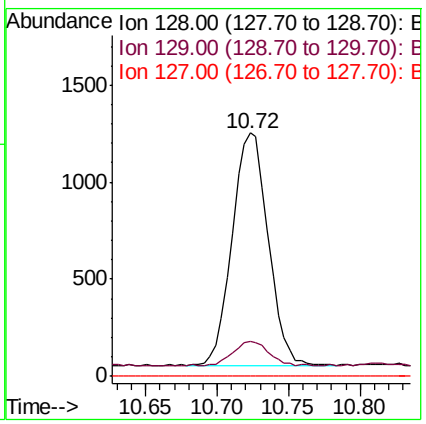




#3
Naphthalene
Concen: 0.161 ng/ul
RT: 10.72 min Scan# 1616
Delta R.T. -0.00 min
Lab File: BE098110.D
Acq: 30 Oct 2018 12:15

Tgt Ion:128 Resp: 2100

Ion	Ratio	Lower	Upper
128	100		
129	14.6	10.5	15.7
127	0.0	0.0	0.0



Instrument :
BNA_E
ClientSampleId :
C0AE6DL

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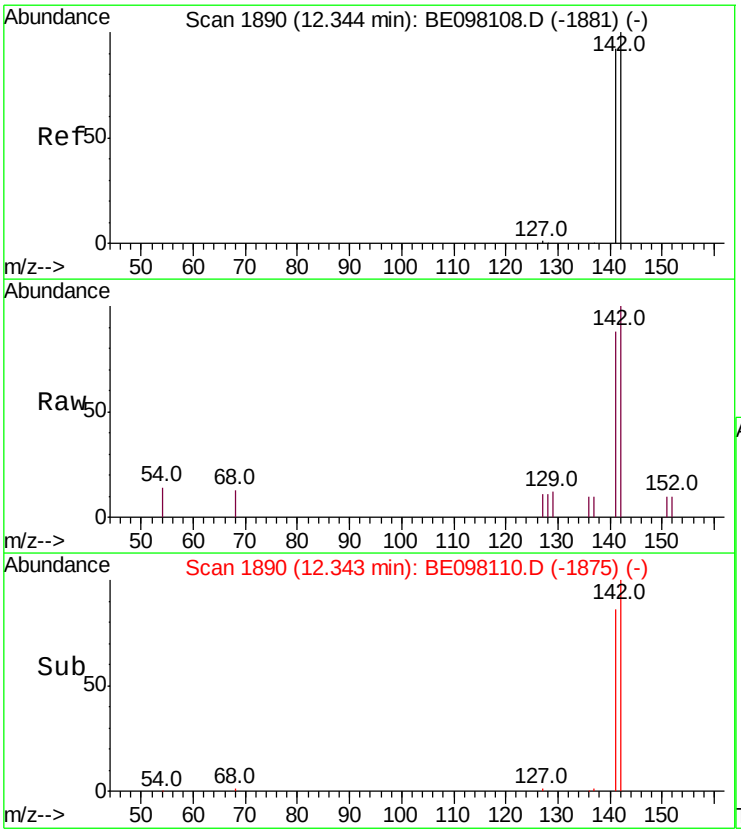
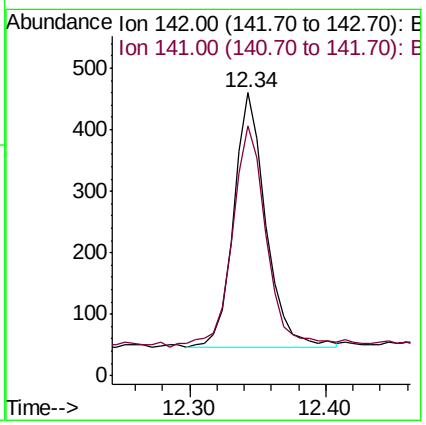
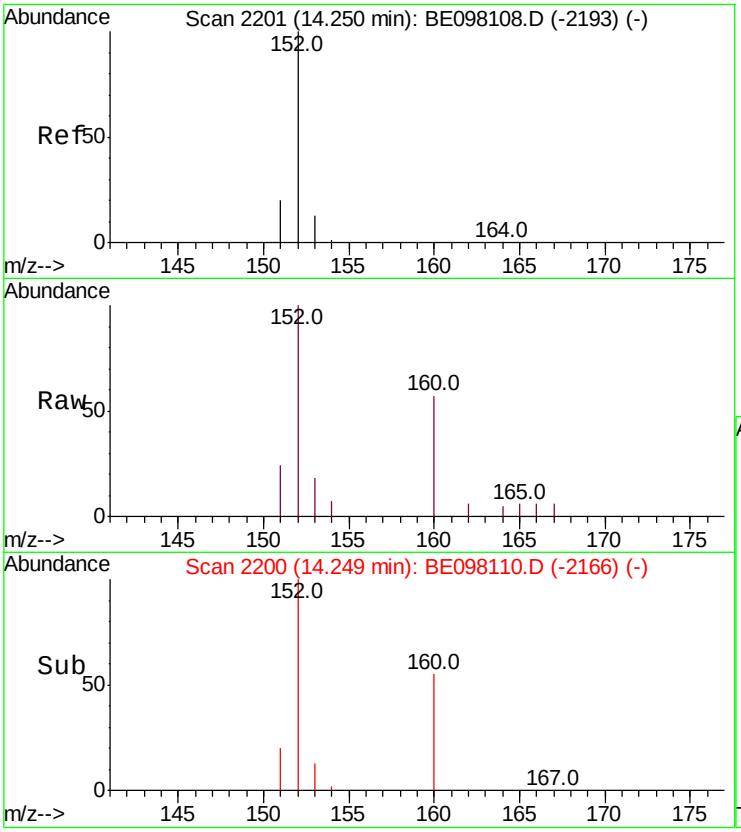


#5
2-Methylnaphthalene
Concen: 0.069 ng/ul
RT: 12.34 min Scan# 1890
Delta R.T. -0.00 min
Lab File: BE098110.D
Acq: 30 Oct 2018 12:15

Tgt Ion:142 Resp: 682

Ion	Ratio	Lower	Upper
142	100		
141	91.8	72.5	108.7





#7
Acenaphthylene
Concen: 0.117 ng/ul
RT: 14.25 min Scan# 2200
Delta R.T. -0.00 min
Lab File: BE098110.D
Acq: 30 Oct 2018 12:15

Tgt Ion:152 Resp: 1821

Ion	Ratio	Lower	Upper
152	100		
151	24.1	17.3	25.9
153	18.2	11.9	17.9#

Instrument :
BNA_E
ClientSampleId :
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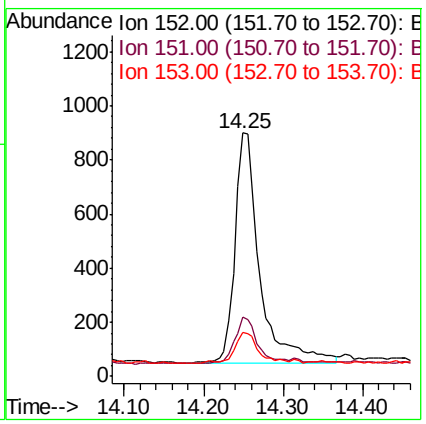
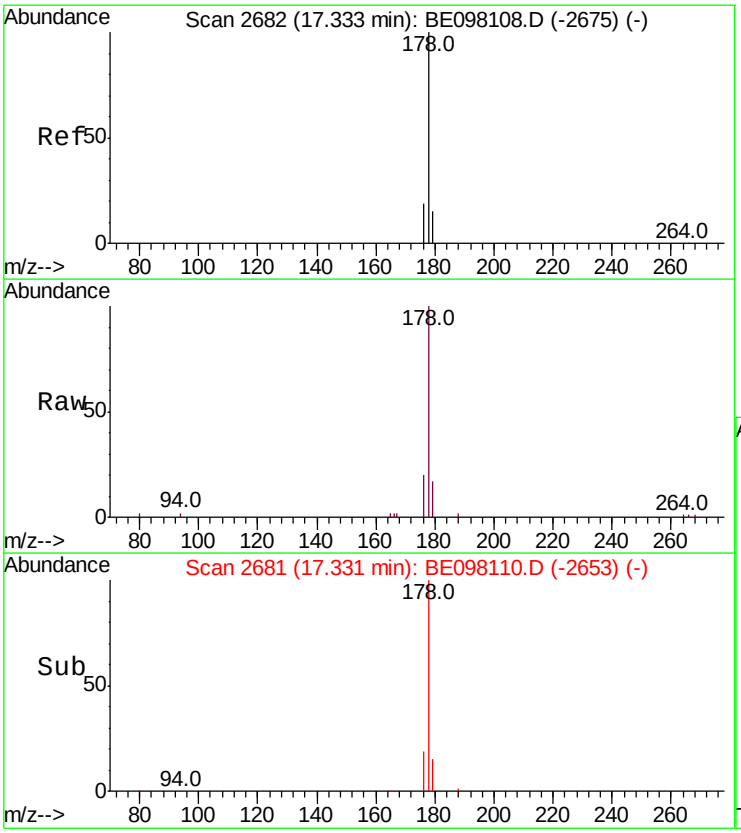
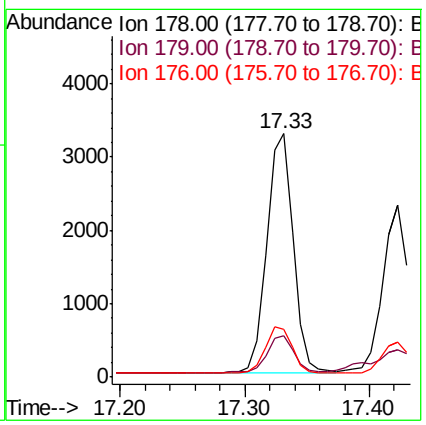


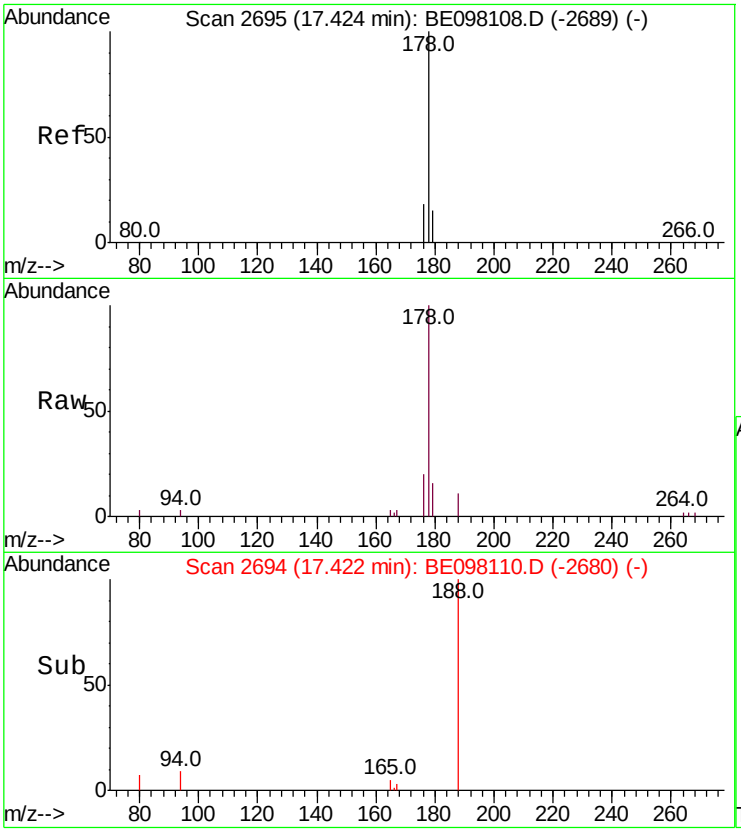


#12
Phenanthrene
Concen: 0.216 ng/ul
RT: 17.33 min Scan# 2681
Delta R.T. -0.00 min
Lab File: BE098110.D
Acq: 30 Oct 2018 12:15

Tgt Ion:178 Resp: 4773

Ion	Ratio	Lower	Upper
178	100		
179	16.8	13.0	19.4
176	19.7	15.7	23.5

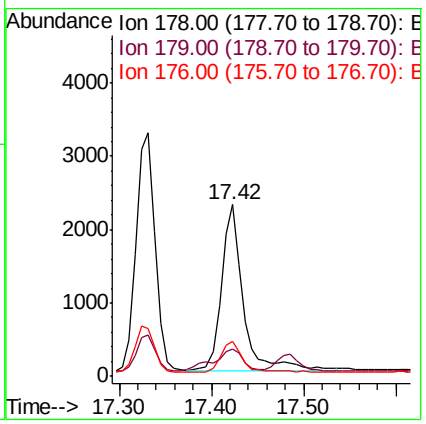




#13
Anthracene
Concen: 0.170 ng/ul
RT: 17.42 min Scan# 2694
Delta R.T. -0.00 min
Lab File: BE098110.D
Acq: 30 Oct 2018 12:15

Tgt Ion:178 Resp: 3699

Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.6	19.0
176	20.4	15.6	23.4



Instrument :
BNA_E
ClientSampleId :
C0AE6DL

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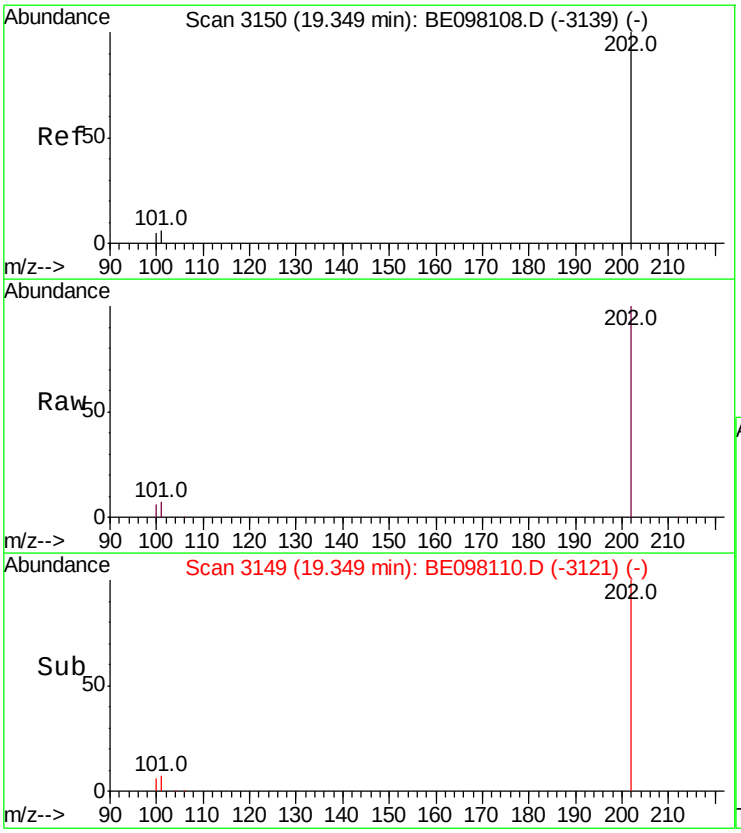
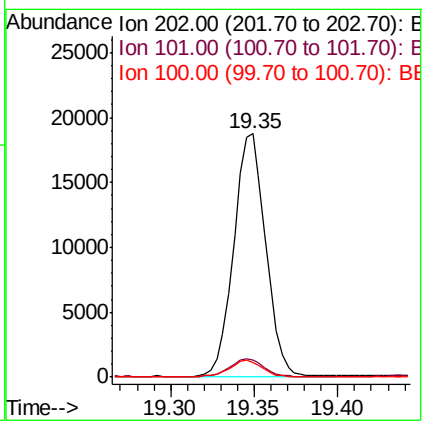
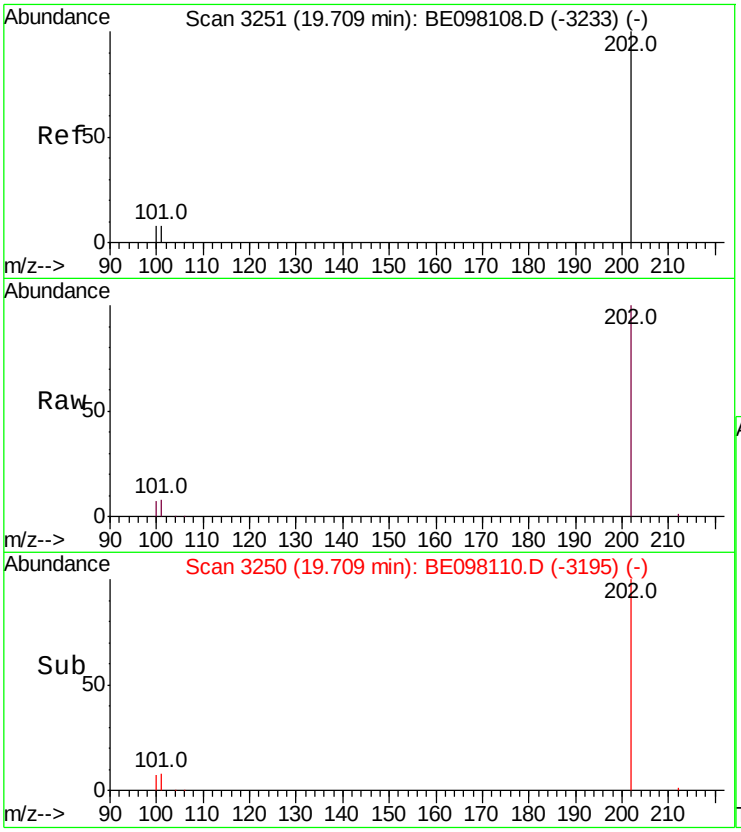


#15
Fluoranthene
Concen: 0.876 ng/ul
RT: 19.35 min Scan# 3149
Delta R.T. 0.00 min
Lab File: BE098110.D
Acq: 30 Oct 2018 12:15

Tgt Ion:202 Resp: 24674

Ion	Ratio	Lower	Upper
202	100		
101	6.9	0.0	27.5
100	6.1	0.0	26.0





#17
Pyrene
Concen: 0.984 ng/ul
RT: 19.71 min Scan# 3250
Delta R.T. -0.00 min
Lab File: BE098110.D
Acq: 30 Oct 2018 12:15

Tgt Ion:202 Resp: 31302

Ion	Ratio	Lower	Upper
202	100		
101	8.5	6.9	10.3
100	7.5	6.0	9.0

Instrument :
BNA_E
ClientSampleId :
C0AE6DL

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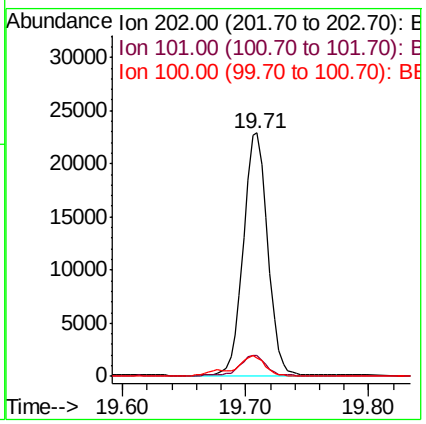
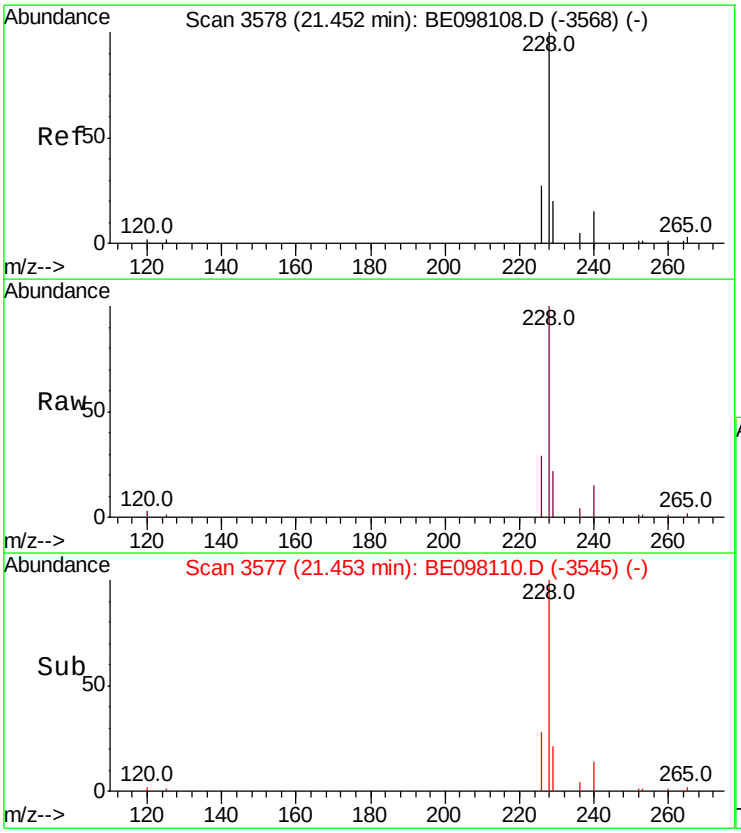
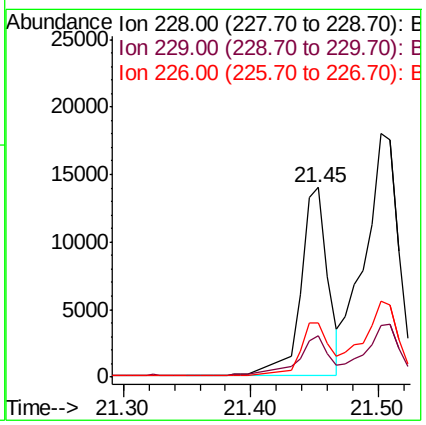


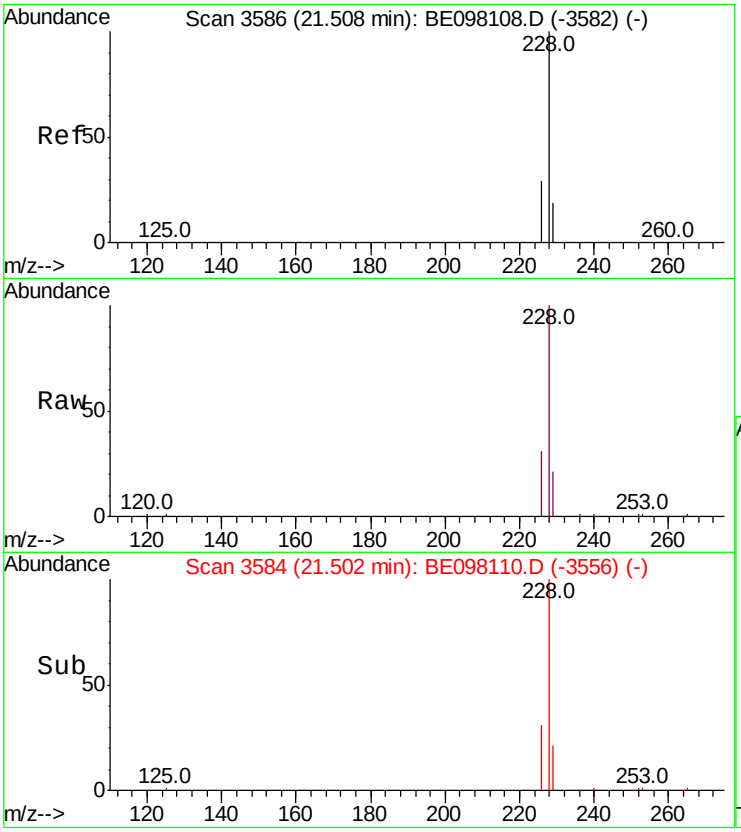


#18
Benzo(a)anthracene
Concen: 0.536 ng/ul
RT: 21.45 min Scan# 3577
Delta R.T. 0.00 min
Lab File: BE098110.D
Acq: 30 Oct 2018 12:15

Tgt Ion:228 Resp: 21463

Ion	Ratio	Lower	Upper
228	100		
229	21.7	16.1	24.1
226	28.6	22.2	33.4

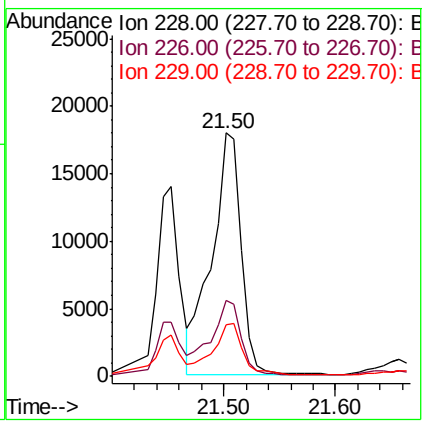




#19
Chrysene
Concen: 1.069 ng/ul
RT: 21.50 min Scan# 3584
Delta R.T. -0.01 min
Lab File: BE098110.D
Acq: 30 Oct 2018 12:15

Tgt Ion:228 Resp: 33124

Ion	Ratio	Lower	Upper
228	100		
226	31.3	24.6	37.0
229	21.0	16.4	24.6



Instrument :
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ClientSampleId :
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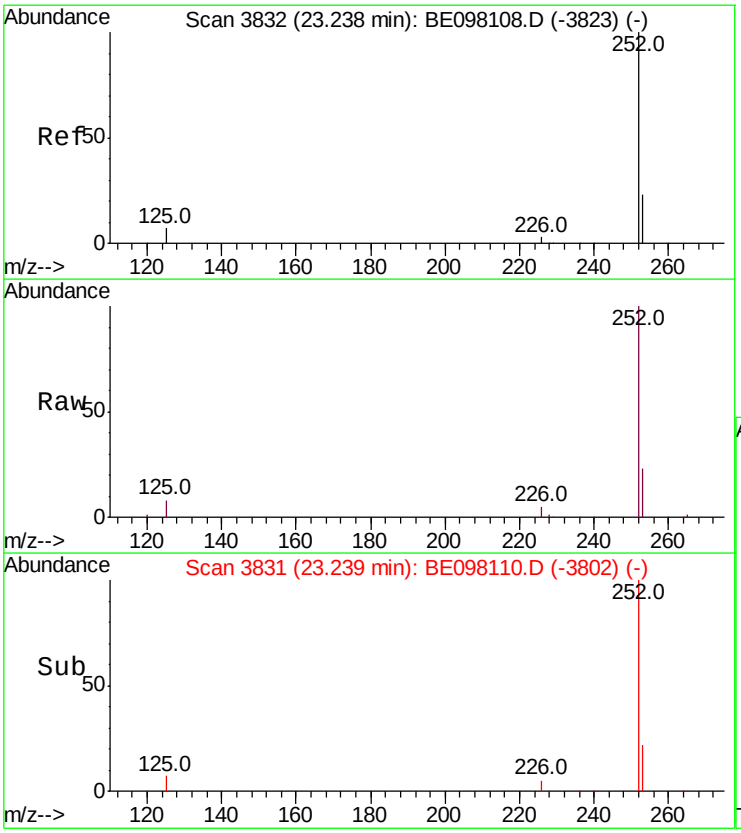
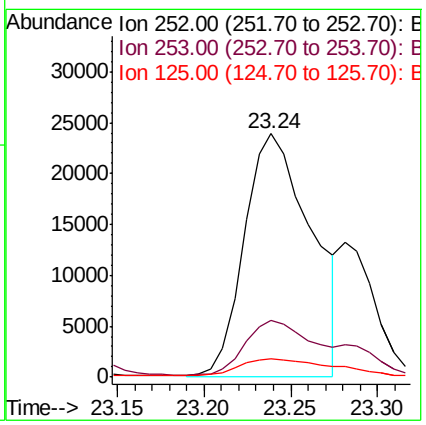
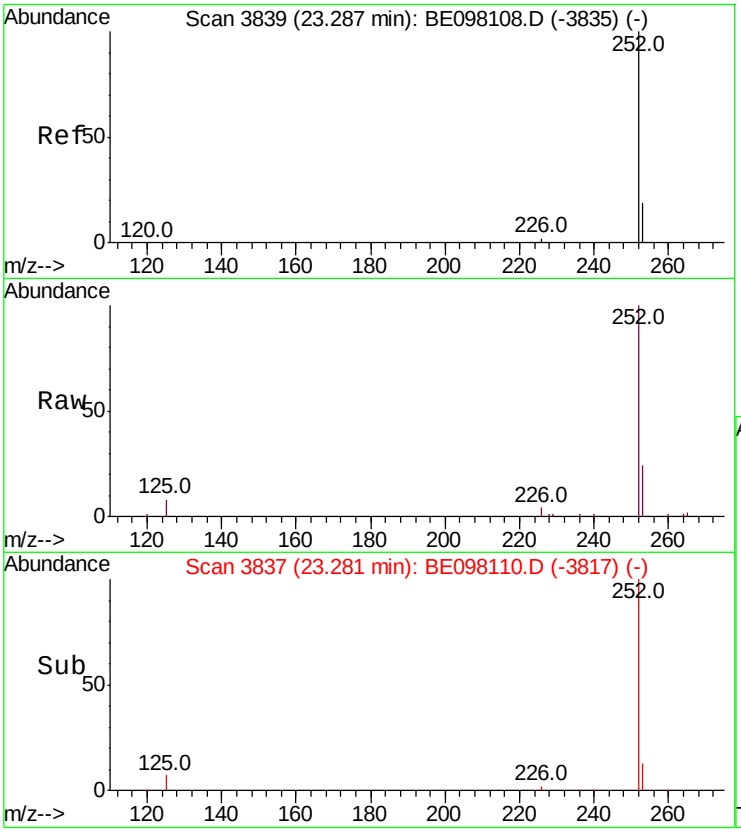


#21
Benzo(b)fluoranthene
Concen: 2.156 ng/ul m
RT: 23.24 min Scan# 3831
Delta R.T. 0.00 min
Lab File: BE098110.D
Acq: 30 Oct 2018 12:15

Tgt Ion:252 Resp: 64317

Ion	Ratio	Lower	Upper
252	100		
253	23.2	0.0	47.8
125	7.7	0.0	16.8

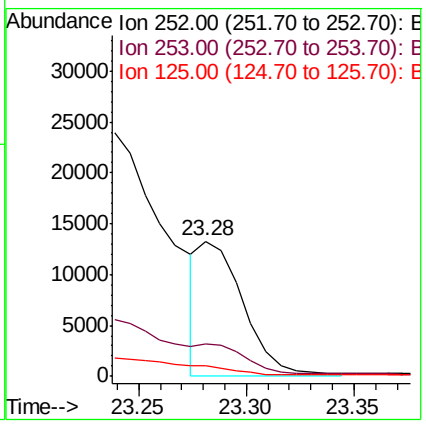




#22
Benzo(k)fluoranthene
Concen: 0.650 ng/ul m
RT: 23.28 min Scan# 3837
Delta R.T. -0.01 min
Lab File: BE098110.D
Acq: 30 Oct 2018 12:15

Tgt Ion:252 Resp: 18989

Ion	Ratio	Lower	Upper
252	100		
253	24.1	19.3	28.9
125	7.9	6.2	9.2



Instrument :
BNA_E
ClientSampleId :
C0AE6DL

Manual Integrations APPROVED
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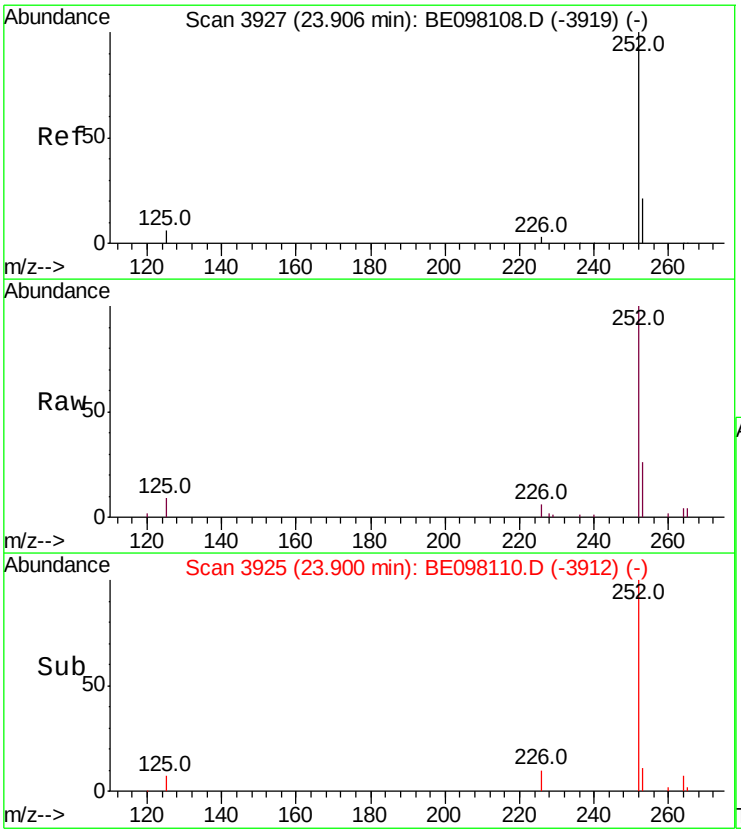
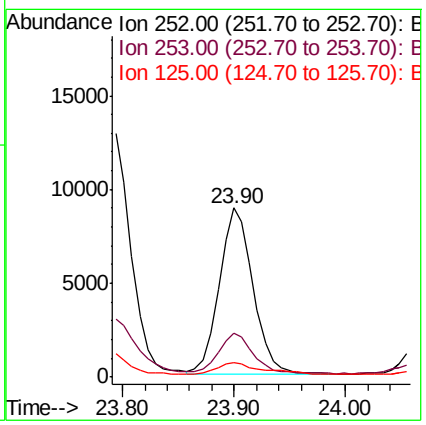
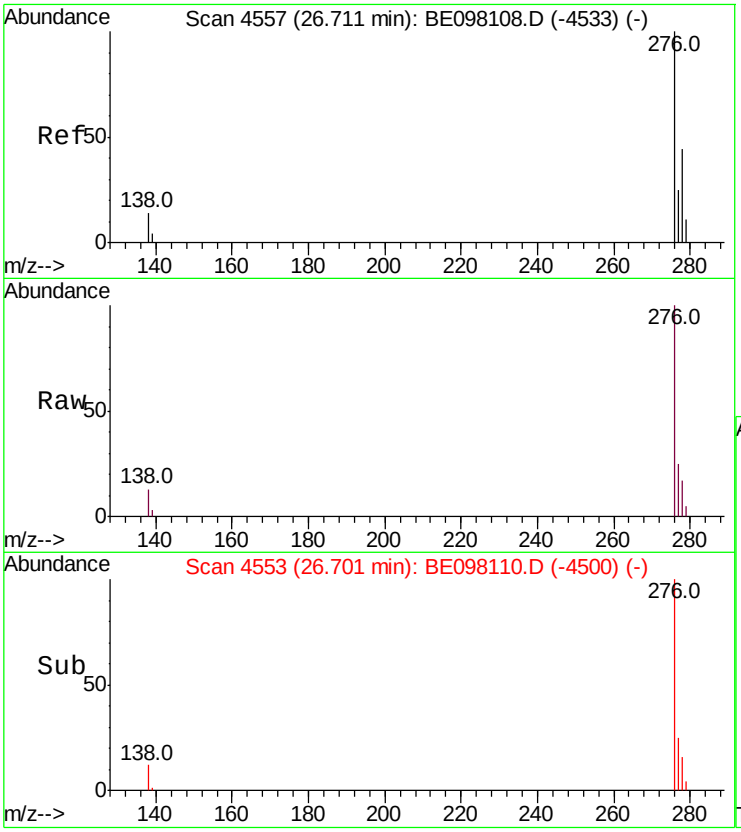


#23
Benzo(a)pyrene
Concen: 0.647 ng/ul
RT: 23.90 min Scan# 3925
Delta R.T. -0.01 min
Lab File: BE098110.D
Acq: 30 Oct 2018 12:15

Tgt Ion:252 Resp: 18572

Ion	Ratio	Lower	Upper
252	100		
253	25.8	19.4	29.2
125	8.5	7.8	11.8





#24
Indeno(1,2,3-cd)pyrene
Concen: 0.710 ng/ul
RT: 26.70 min Scan# 4553
Delta R.T. -0.01 min
Lab File: BE098110.D
Acq: 30 Oct 2018 12:15

Tgt Ion:276 Resp: 23361

Ion	Ratio	Lower	Upper
276	100		
138	13.1	11.8	17.8
227	0.0	0.0	0.0

Instrument :
BNA_E
ClientSampleId :
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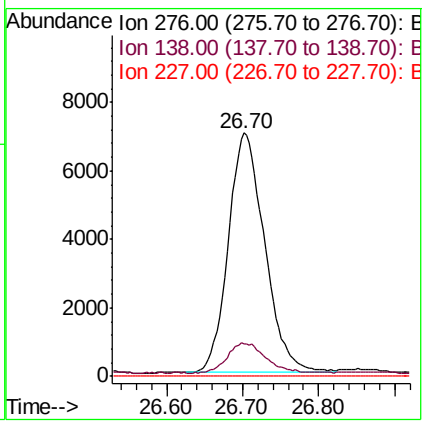
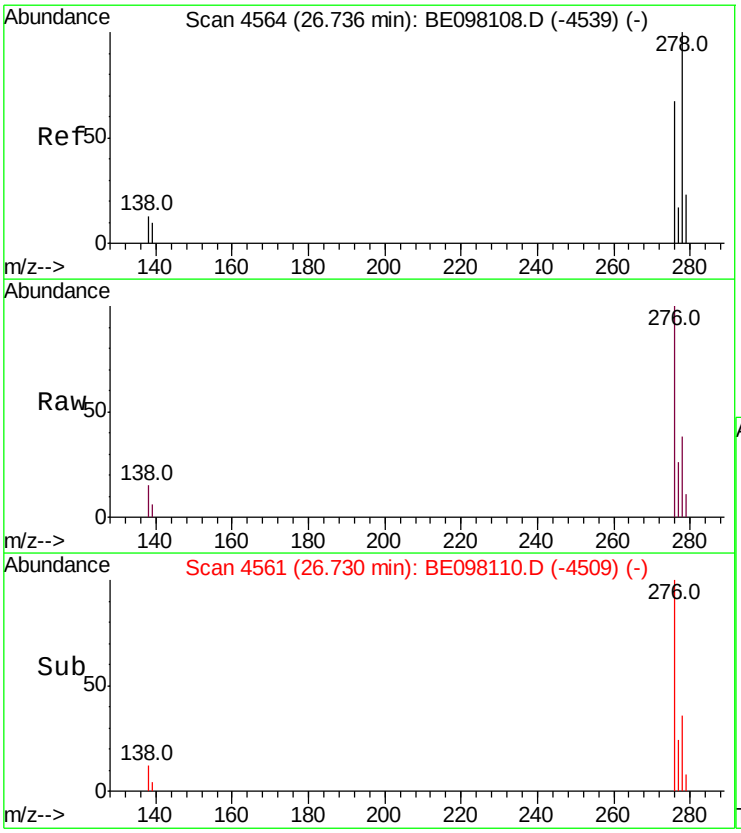
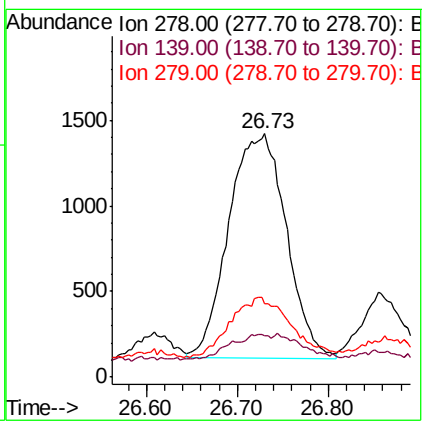


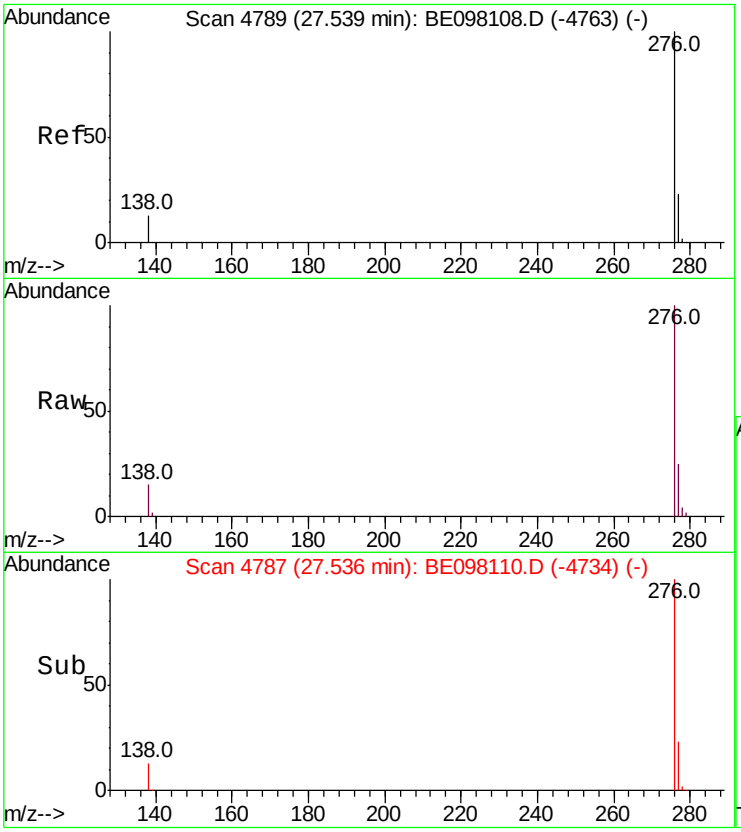


#25
Dibenzo(a,h)anthracene
Concen: 0.210 ng/ul
RT: 26.73 min Scan# 4561
Delta R.T. -0.02 min
Lab File: BE098110.D
Acq: 30 Oct 2018 12:15

Tgt Ion:278 Resp: 5758

Ion	Ratio	Lower	Upper
278	100		
139	16.8	10.0	15.0#
279	30.1	20.3	30.5

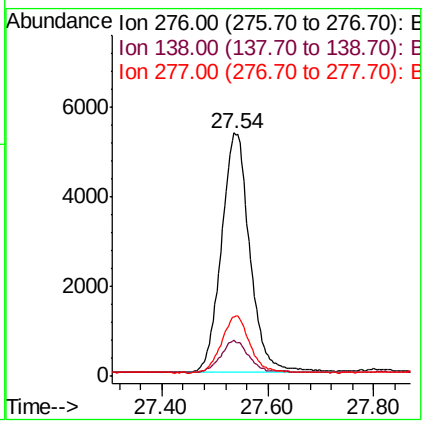




#26
Benzo(g,h,i)perylene
Concen: 0.719 ng/ul
RT: 27.54 min Scan# 4787
Delta R.T. -0.01 min
Lab File: BE098110.D
Acq: 30 Oct 2018 12:15

Tgt Ion:276 Resp: 19898

Ion	Ratio	Lower	Upper
276	100		
138	14.9	11.6	17.4
277	24.6	20.8	31.2



Instrument :
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ClientSampleId :
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