Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE102218\
Data File : BE098009.D
Acq On : 22 Oct 2018 14:26
Operator : SJ/JU
Sample : J5567-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : C0AH2

Manual Integrations APPROVED
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Quant Time: Oct 23 02:10:44 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE101018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 23 01:24:18 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	2865	0.40	ng/ul	0.00
2) Naphthalene-d8	10.68	136	13693	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.54	164	9149	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.30	188	21113	0.40	ng/ul	0.00
16) Chrysene-d12	21.47	240	26349	0.40	ng/ul	0.00
20) Perylene-d12	24.03	264	25312	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.27	152	4078	0.19	ng/ul	0.00
14) Fluoranthene-d10	19.32	212	10978	0.16	ng/ul	0.00
Target Compounds						Qvalue
12) Phenanthrene	17.34	178	1238	0.025	ng/ul#	78
13) Anthracene	17.43	178	1067	0.025	ng/ul#	54
15) Fluoranthene	19.35	202	8089	0.122	ng/ul#	59
17) Pyrene	19.72	202	5903m	0.091	ng/ul	
18) Benzo(a)anthracene	21.46	228	8896	0.122	ng/ul#	82
19) Chrysene	21.51	228	7563	0.107	ng/ul#	82
21) Benzo(b)fluoranthene	23.25	252	20927m	0.320	ng/ul	
22) Benzo(k)fluoranthene	23.30	252	4234m	0.057	ng/ul	
23) Benzo(a)pyrene	23.91	252	5503	0.092	ng/ul#	55
24) Indeno(1,2,3-cd)pyrene	26.73	276	2095	0.031	ng/ul#	100
26) Benzo(g,h,i)perylene	27.56	276	2528	0.039	ng/ul#	55

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

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Instrument :
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Manual Integrations APPROVED
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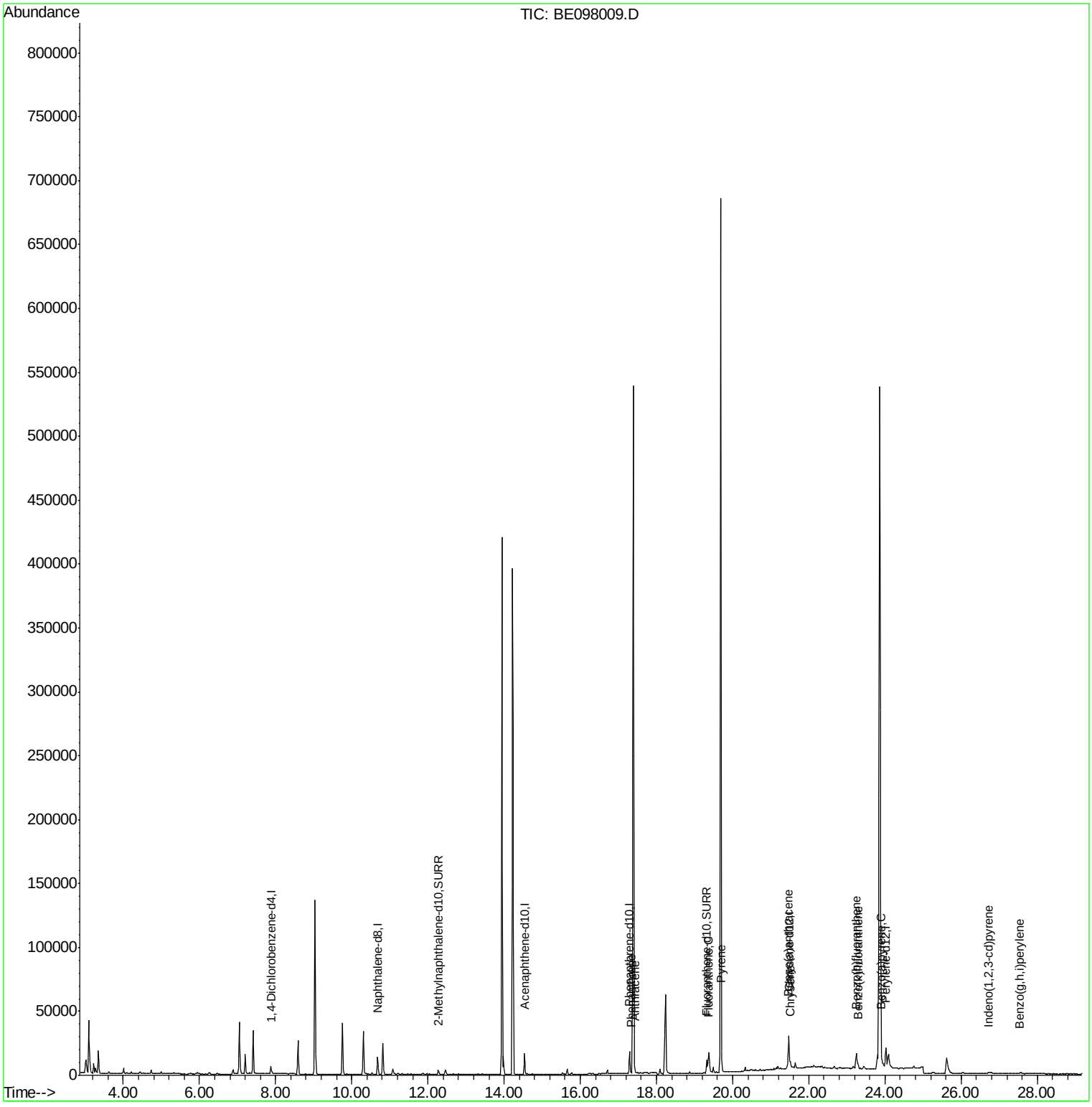

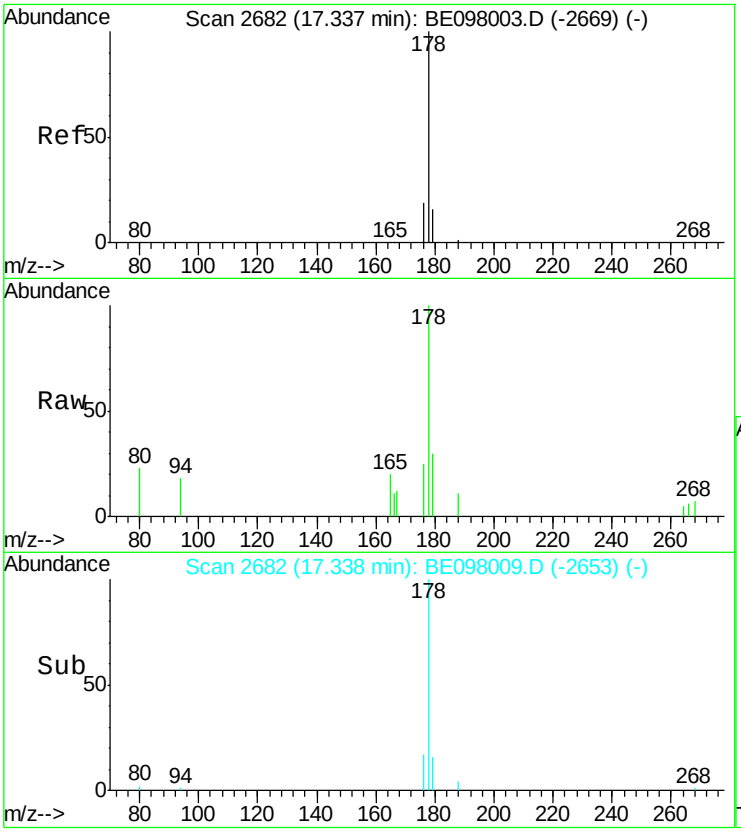

#12
Phenanthrene
Concen: 0.025 ng/ul
RT: 17.34 min Scan# 2682
Delta R.T. 0.00 min
Lab File: BE098009.D
Acq: 22 Oct 2018 14:26

Tgt Ion:178 Resp: 1238

Ion	Ratio	Lower	Upper
178	100		
179	29.6	12.8	19.2#
176	24.6	14.9	22.3#

Instrument :
BNA_E
ClientSampleId :
C0AH2

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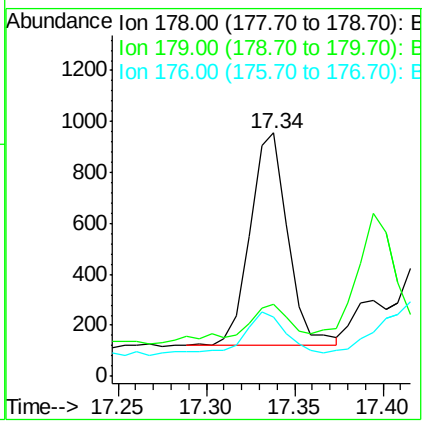
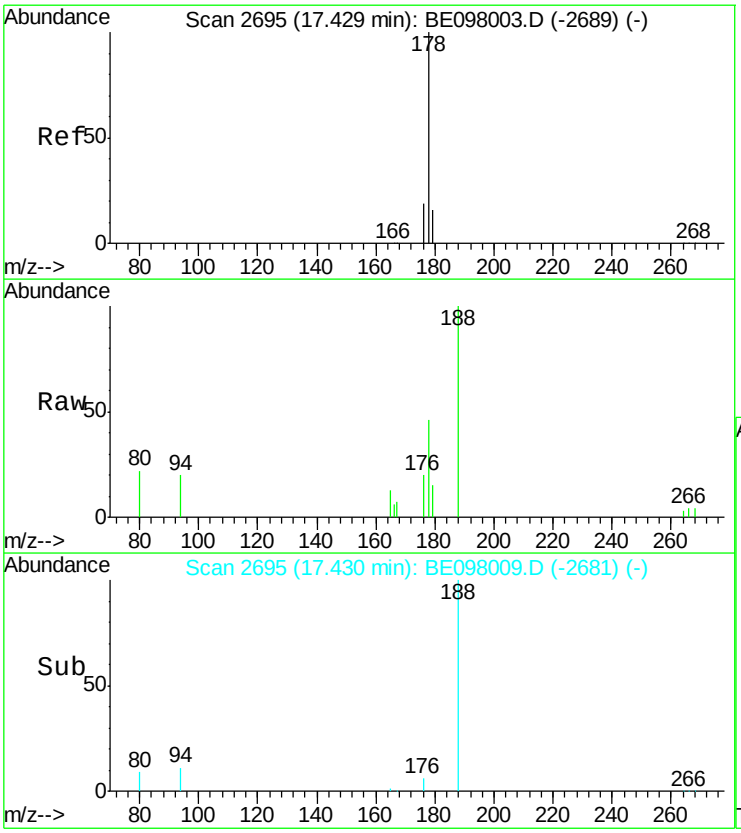
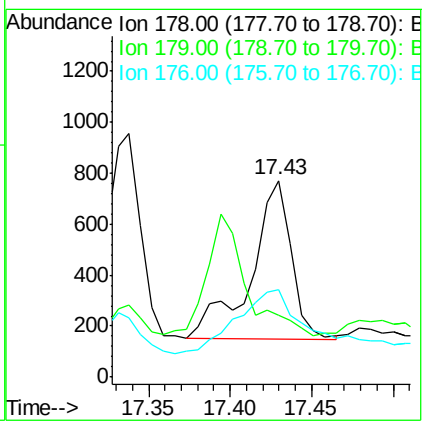


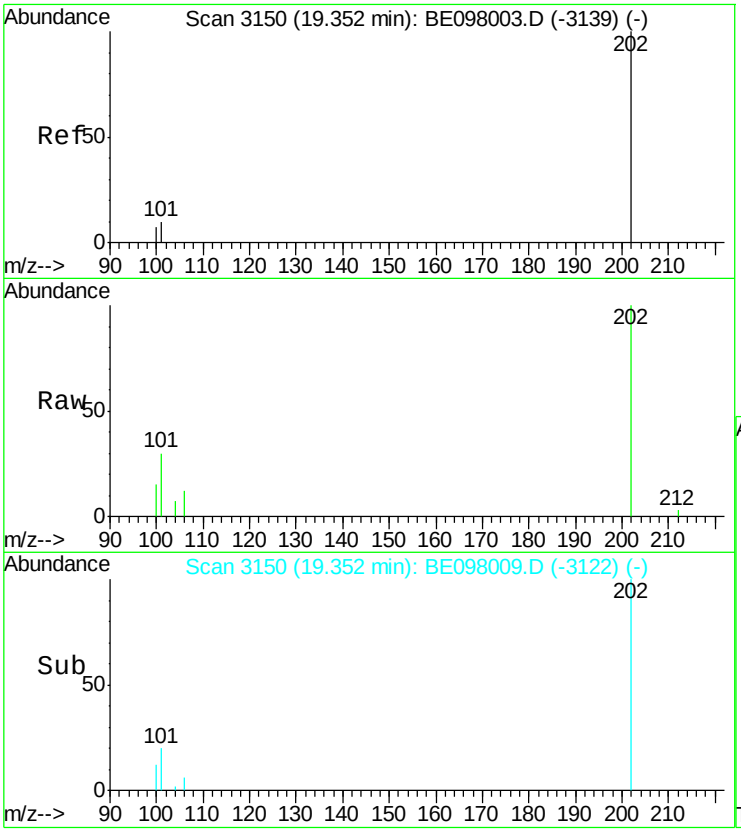


#13
Anthracene
Concen: 0.025 ng/ul
RT: 17.43 min Scan# 2695
Delta R.T. 0.00 min
Lab File: BE098009.D
Acq: 22 Oct 2018 14:26

Tgt Ion:178 Resp: 1067

Ion	Ratio	Lower	Upper
178	100		
179	31.7	12.9	19.3#
176	44.2	15.5	23.3#

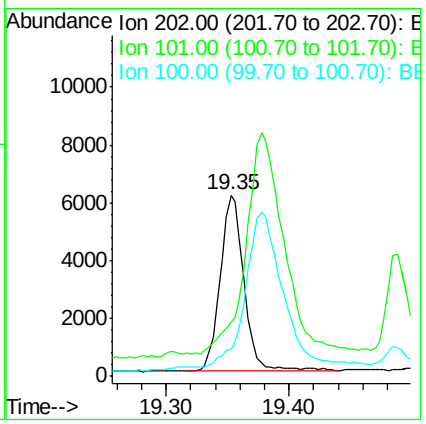




#15
Fluoranthene
Concen: 0.122 ng/ul
RT: 19.35 min Scan# 3150
Delta R.T. 0.00 min
Lab File: BE098009.D
Acq: 22 Oct 2018 14:26

Tgt Ion:202 Resp: 8089

Ion	Ratio	Lower	Upper
202	100		
101	29.9	0.0	29.3#
100	15.1	0.0	27.5



Instrument :
BNA_E
ClientSampleId :
C0AH2

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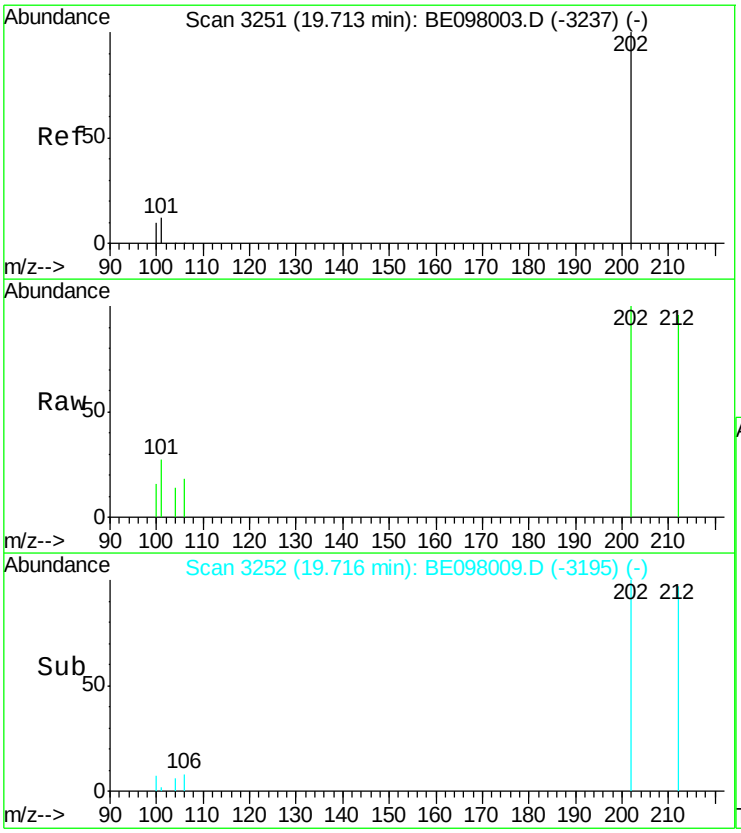
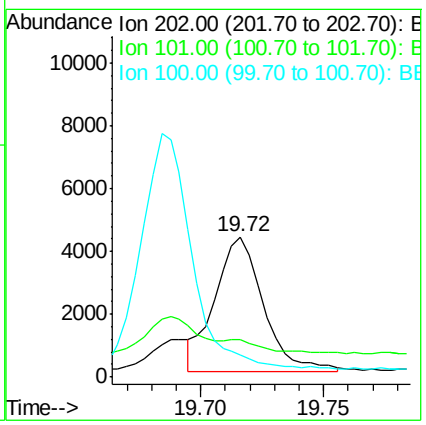
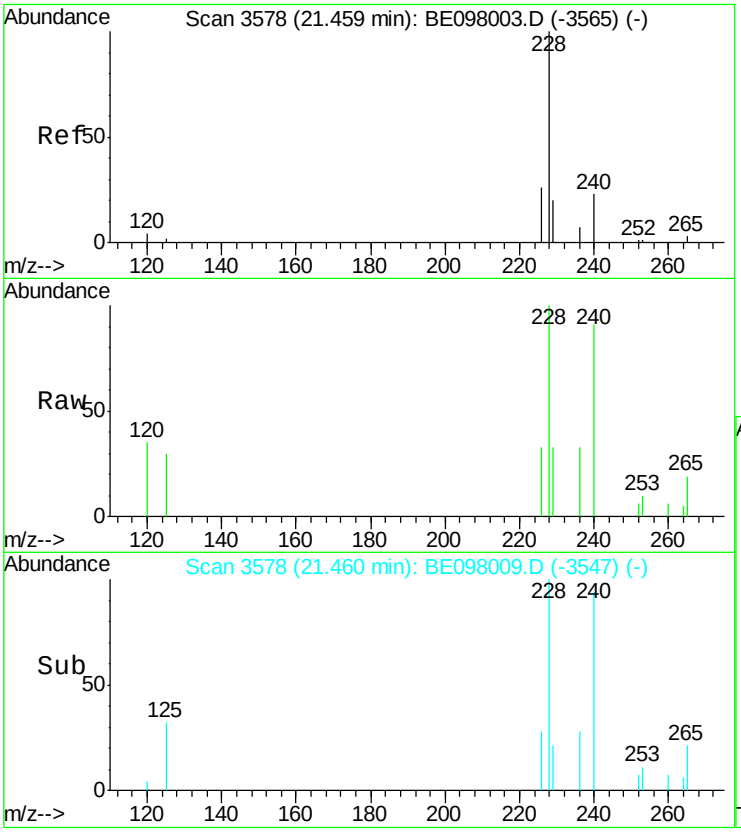


#17
Pyrene
Concen: 0.091 ng/ul m
RT: 19.72 min Scan# 3252
Delta R.T. 0.00 min
Lab File: BE098009.D
Acq: 22 Oct 2018 14:26

Tgt Ion:202 Resp: 5903

Ion	Ratio	Lower	Upper
202	100		
101	26.6	8.8	13.2#
100	15.7	7.9	11.9#





#18
Benzo(a)anthracene
Concen: 0.122 ng/ul
RT: 21.46 min Scan# 3578
Delta R.T. 0.00 min
Lab File: BE098009.D
Acq: 22 Oct 2018 14:26

Tgt Ion:228 Resp: 8896

Ion	Ratio	Lower	Upper
228	100		
229	32.5	16.4	24.6#
226	32.7	21.5	32.3#

Instrument :
BNA_E
ClientSampleId :
C0AH2

Manual Integrations APPROVED
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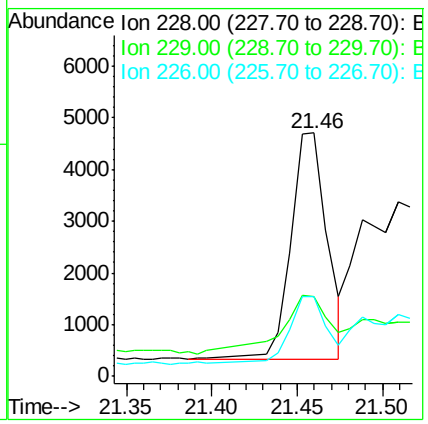
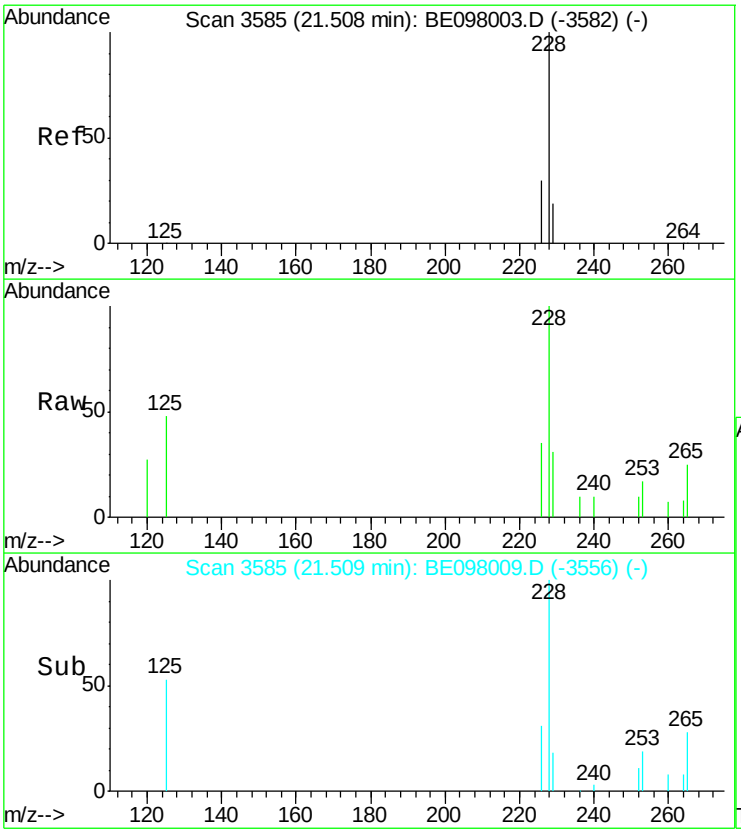
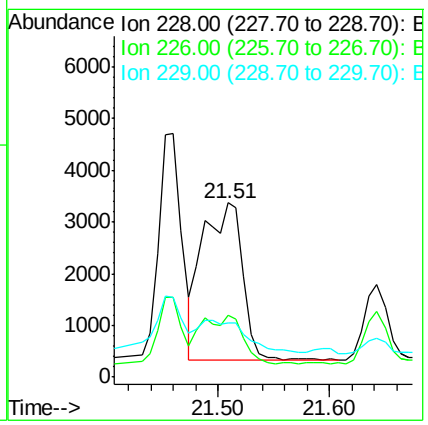


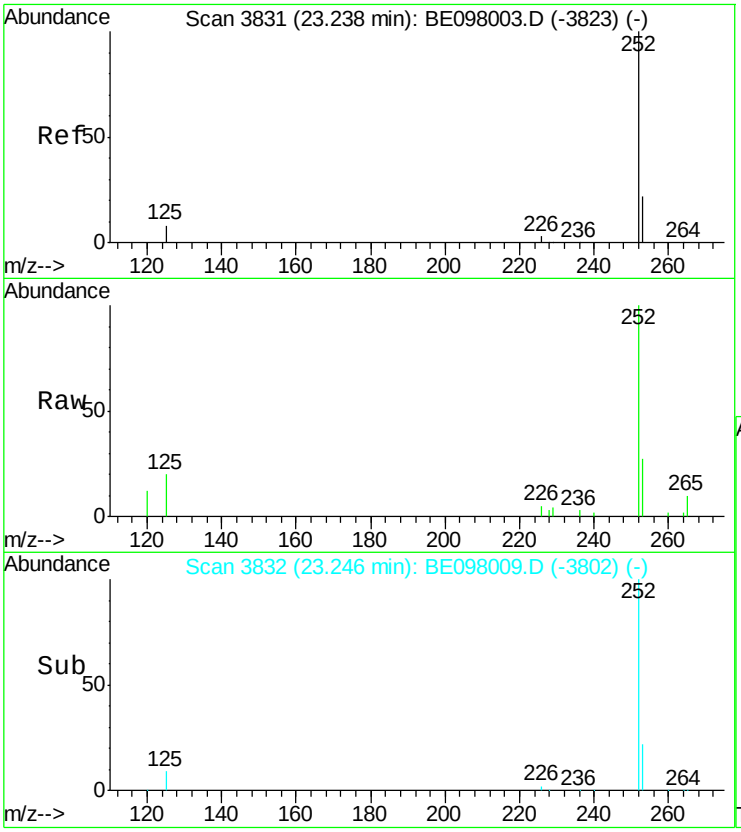


#19
Chrysene
Concen: 0.107 ng/ul
RT: 21.51 min Scan# 3585
Delta R.T. 0.00 min
Lab File: BE098009.D
Acq: 22 Oct 2018 14:26

Tgt Ion:228 Resp: 7563

Ion	Ratio	Lower	Upper
228	100		
226	35.5	23.0	34.4#
229	31.3	15.5	23.3#





#21
Benzo(b)fluoranthene
Concen: 0.320 ng/ul m
RT: 23.25 min Scan# 3832
Delta R.T. 0.01 min
Lab File: BE098009.D
Acq: 22 Oct 2018 14:26

Tgt Ion:252 Resp: 20927

Ion	Ratio	Lower	Upper
252	100		
253	26.7	0.0	47.0
125	20.2	0.0	18.2#

Instrument :
BNA_E
ClientSampleId :
C0AH2

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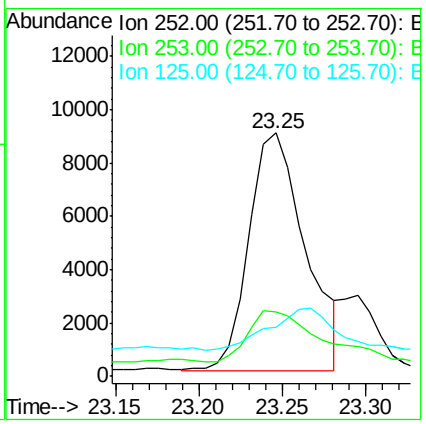
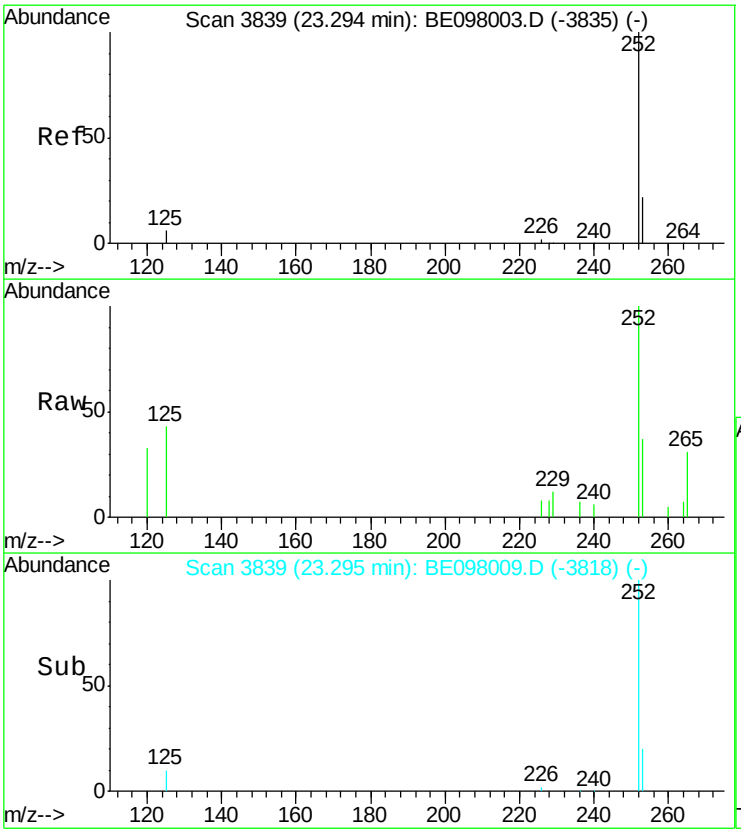
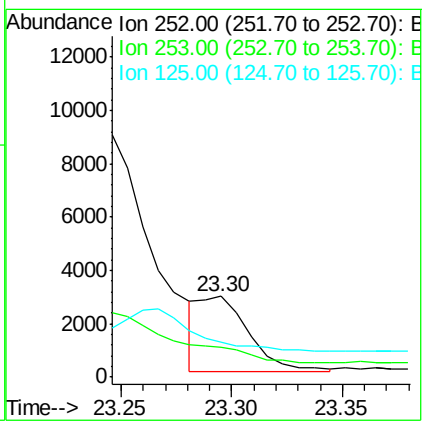


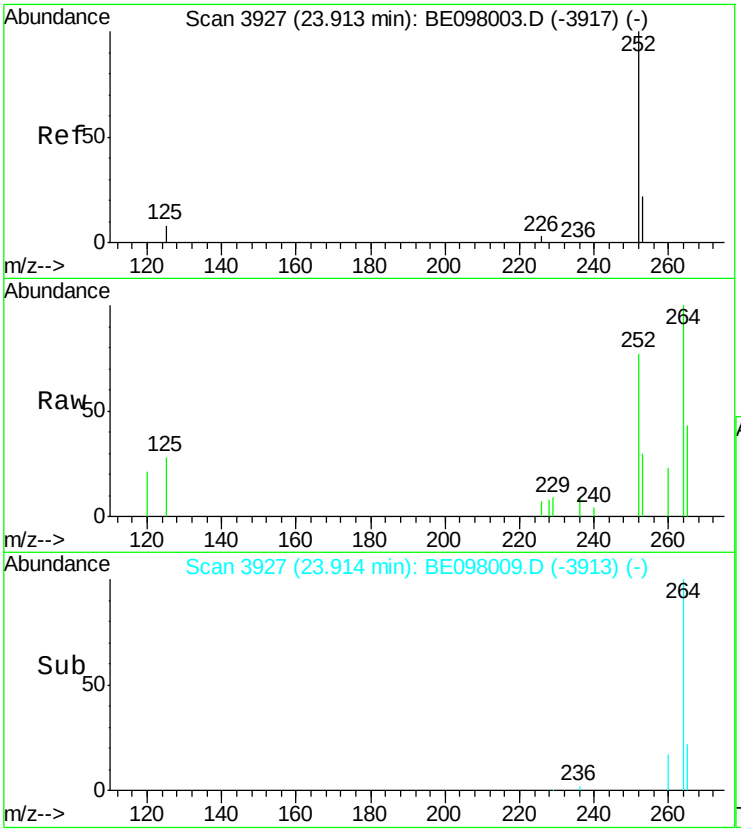


#22
Benzo(k)fluoranthene
Concen: 0.057 ng/ul m
RT: 23.30 min Scan# 3839
Delta R.T. 0.00 min
Lab File: BE098009.D
Acq: 22 Oct 2018 14:26

Tgt Ion:252 Resp: 4234

Ion	Ratio	Lower	Upper
252	100		
253	36.9	17.8	26.6#
125	42.8	9.4	14.0#





#23
Benzo(a)pyrene
Concen: 0.092 ng/ul
RT: 23.91 min Scan# 3927
Delta R.T. 0.00 min
Lab File: BE098009.D
Acq: 22 Oct 2018 14:26

Tgt Ion:252 Resp: 5503

Ion	Ratio	Lower	Upper
252	100		
253	39.4	18.2	27.4#
125	36.6	8.3	12.5#

Instrument :
BNA_E
ClientSampleId :
C0AH2

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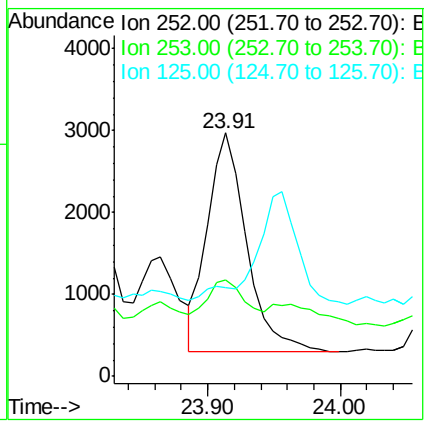
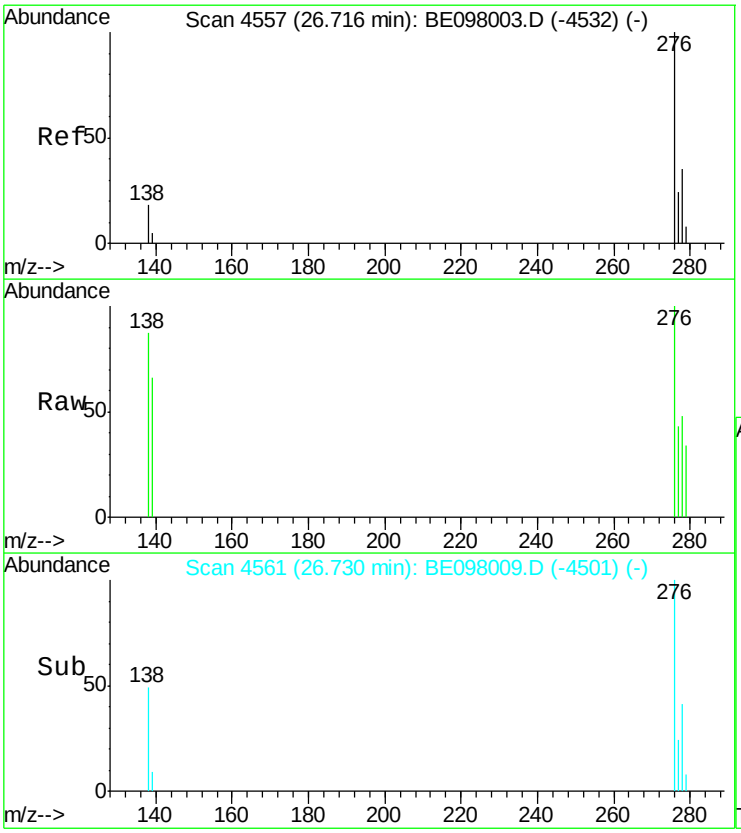
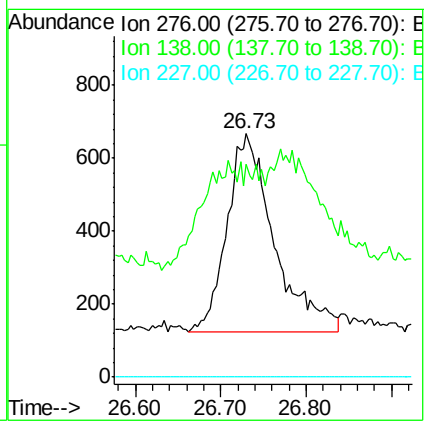


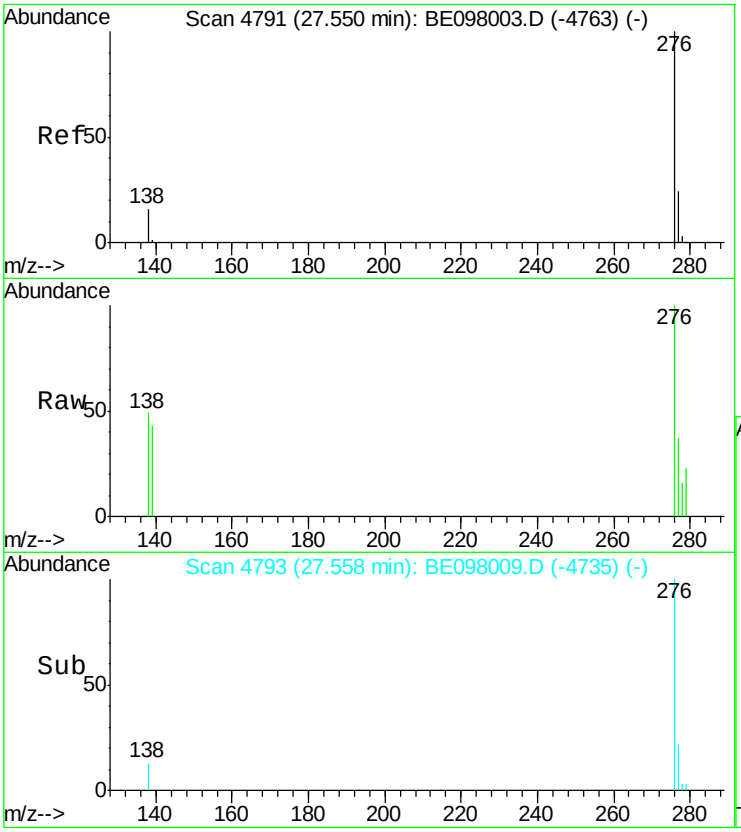


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.031 ng/ul
RT: 26.73 min Scan# 4561
Delta R.T. 0.01 min
Lab File: BE098009.D
Acq: 22 Oct 2018 14:26

Tgt Ion:276 Resp: 2095

Ion	Ratio	Lower	Upper
276	100		
138	0.0	0.0	0.0
227	0.0	0.0	0.0

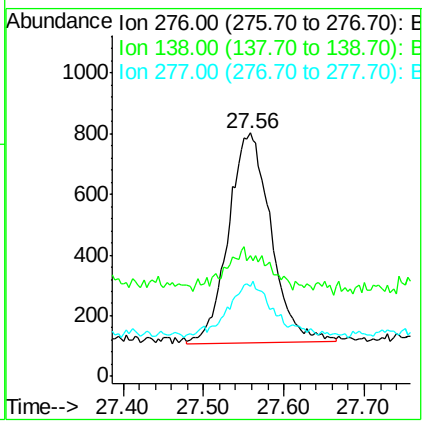




#26
Benzo(g,h,i)perylene
Concen: 0.039 ng/ul
RT: 27.56 min Scan# 4793
Delta R.T. 0.01 min
Lab File: BE098009.D
Acq: 22 Oct 2018 14:26

Tgt Ion:276 Resp: 2528

Ion	Ratio	Lower	Upper
276	100		
138	49.4	14.3	21.5#
277	37.1	19.5	29.3#



Instrument :
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ClientSampleId :
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