Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE103118\
Data File : BE098134.D
Acq On : 1 Nov 2018 2:20
Operator : SJ/JU
Sample : J5701-06
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
A40J7

Manual Integrations APPROVED
Sohil
11/1/2018 11:08:14 AM

Quant Time: Nov 01 04:36:47 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 : Thu Nov 01 02:11:37 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	1110	0.40	ng/ul	0.00
2) Naphthalene-d8	10.67	136	5483	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.53	164	3789	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.29	188	8713m	0.40	ng/ul	0.00
16) Chrysene-d12	21.47	240	9210m	0.40	ng/ul	0.00
20) Perylene-d12	24.01	264	8985m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.27	152	1906	0.20	ng/ul	0.00
14) Fluoranthene-d10	19.31	212	5542m	0.20	ng/ul	0.00
Target Compounds						Qvalue
12) Phenanthrene	17.32	178	1282m	0.064	ng/ul	
15) Fluoranthene	19.35	202	5448m	0.212	ng/ul	
17) Pyrene	19.71	202	4497m	0.209	ng/ul	
18) Benzo(a)anthracene	21.45	228	4195m	0.155	ng/ul	
19) Chrysene	21.50	228	3303m	0.158	ng/ul	
21) Benzo(b)fluoranthene	23.23	252	4903m	0.197	ng/ul	
22) Benzo(k)fluoranthene	23.28	252	1625m	0.067	ng/ul	
23) Benzo(a)pyrene	23.90	252	2899m	0.121	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.70	276	2210m	0.081	ng/ul	
26) Benzo(g,h,i)perylene	27.53	276	2029m	0.088	ng/ul	

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

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Manual Integrations APPROVED
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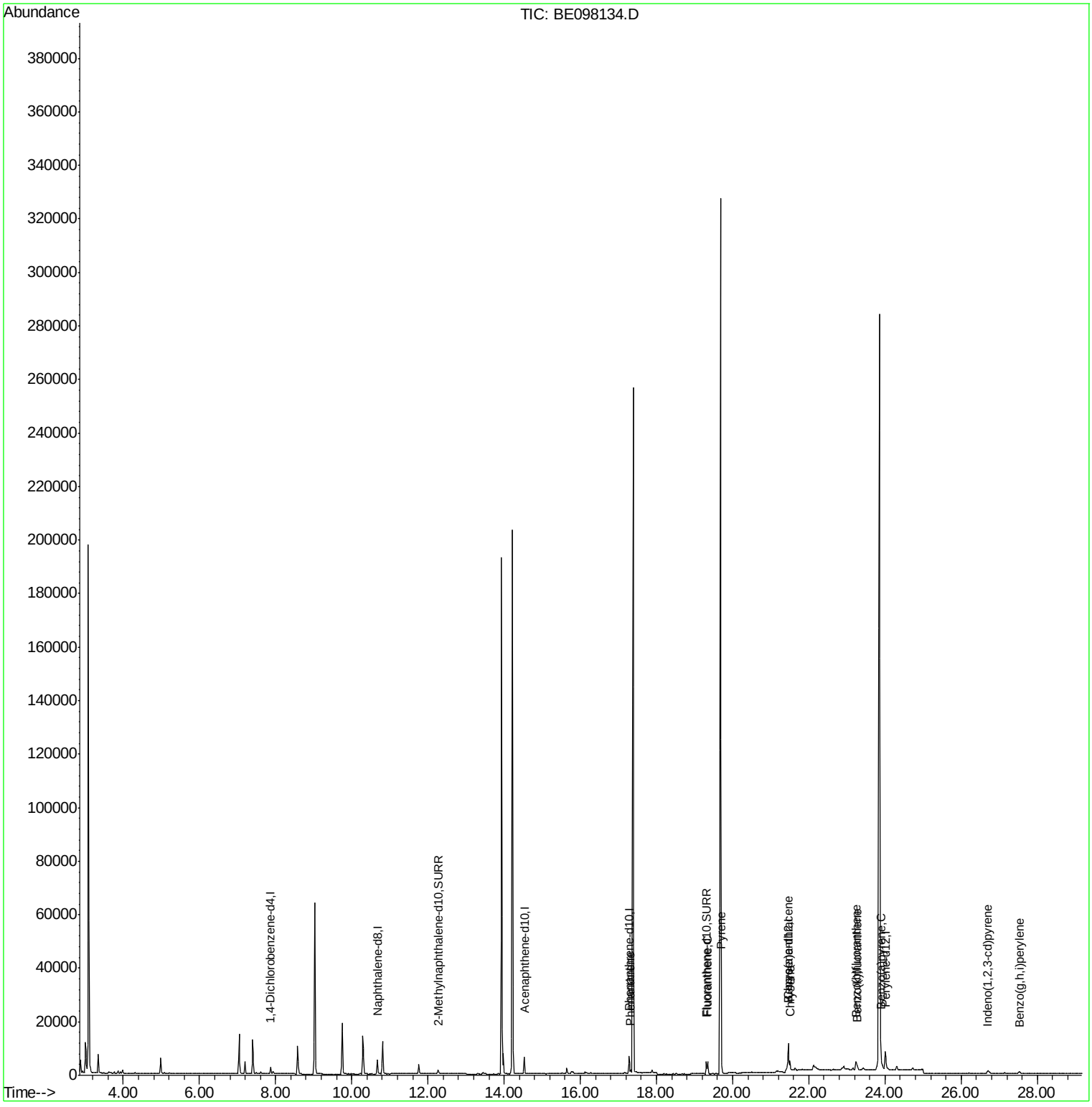

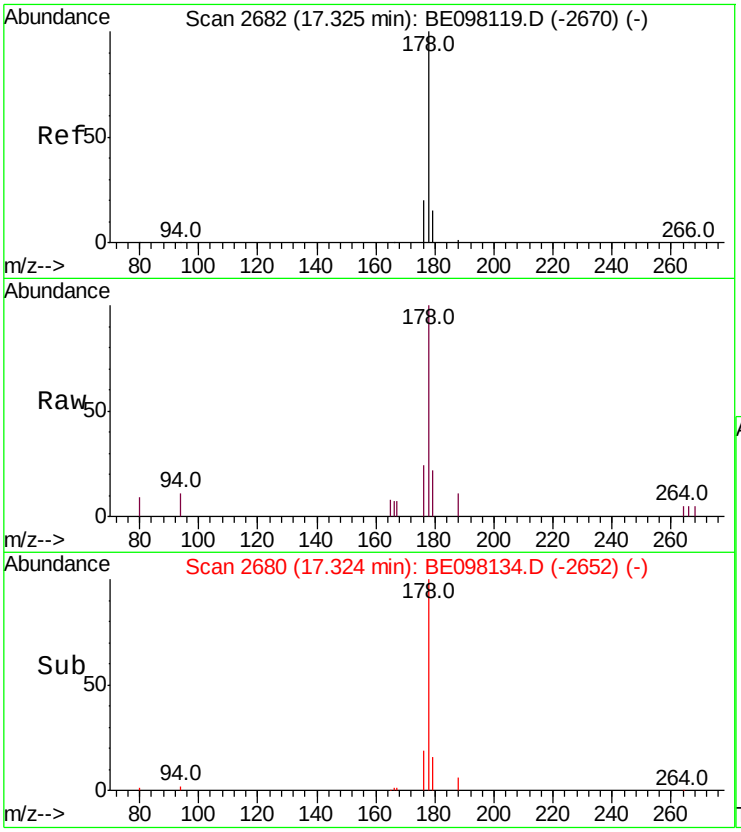

#12
Phenanthrene
Concen: 0.064 ng/ul m
RT: 17.32 min Scan# 2680
Delta R.T. -0.00 min
Lab File: BE098134.D
Acq: 1 Nov 2018 2:20

Tgt Ion:178 Resp: 1282

Ion	Ratio	Lower	Upper
178	100		
179	22.3	13.0	19.4#
176	24.1	15.7	23.5#

Instrument :
BNA_E
ClientSampleId :
A40J7

Manual Integrations APPROVED
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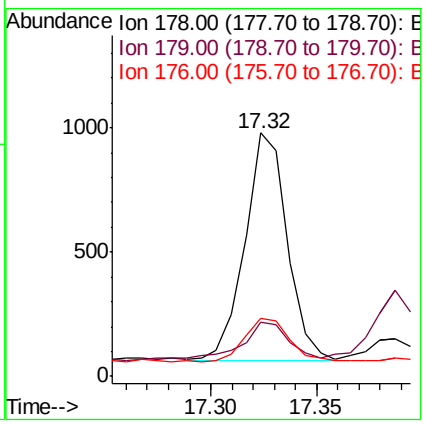
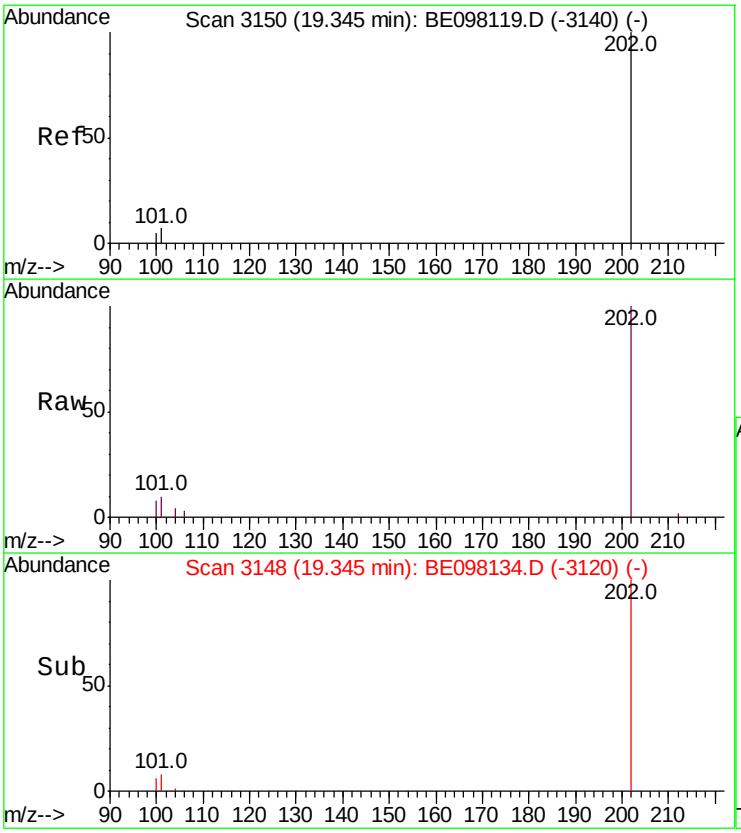
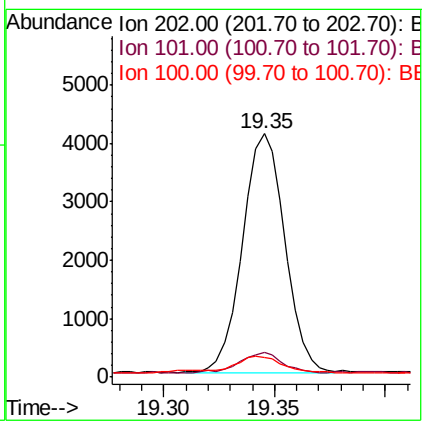


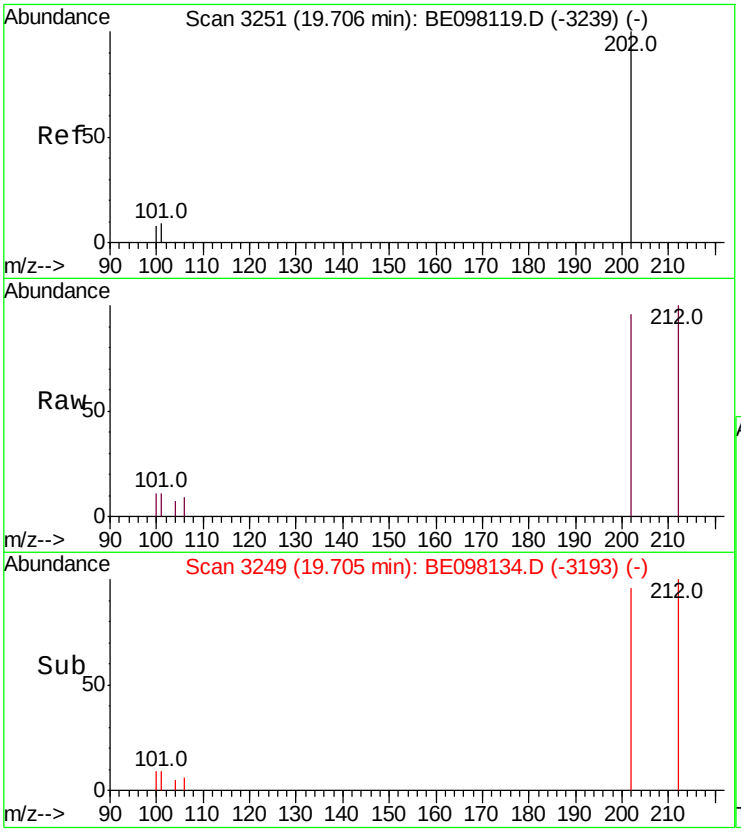


#15
Fluoranthene
Concen: 0.212 ng/ul m
RT: 19.35 min Scan# 3148
Delta R.T. -0.00 min
Lab File: BE098134.D
Acq: 1 Nov 2018 2:20

Tgt Ion:202 Resp: 5448

Ion	Ratio	Lower	Upper
202	100		
101	10.0	0.0	27.5
100	8.0	0.0	26.0

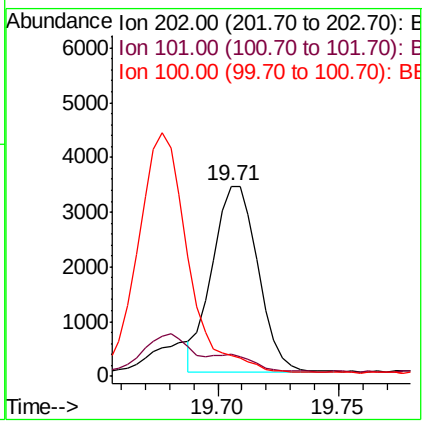




#17
Pyrene
Concen: 0.209 ng/ul m
RT: 19.71 min Scan# 3249
Delta R.T. -0.00 min
Lab File: BE098134.D
Acq: 1 Nov 2018 2:20

Tgt Ion:202 Resp: 4497

Ion	Ratio	Lower	Upper
202	100		
101	11.7	6.9	10.3#
100	10.9	6.0	9.0#



Instrument :
BNA_E
ClientSampleId :
A40J7

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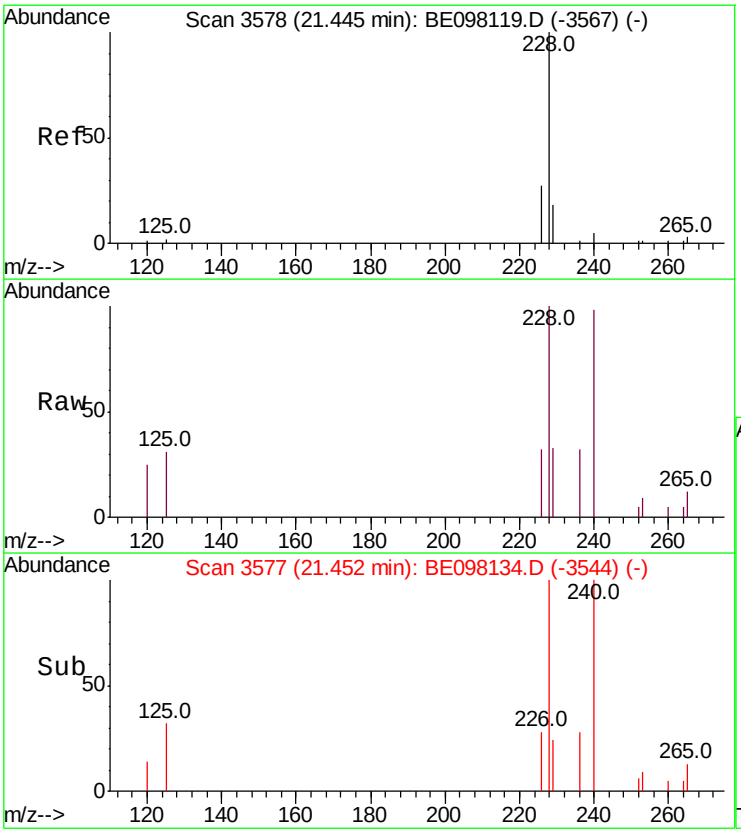
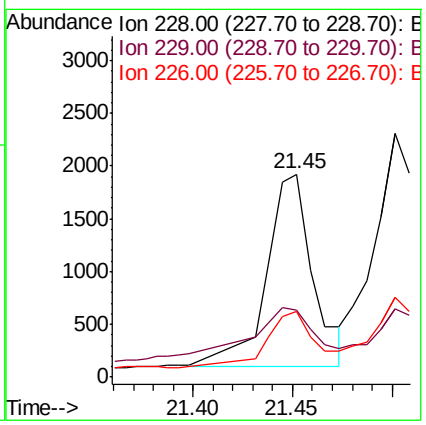
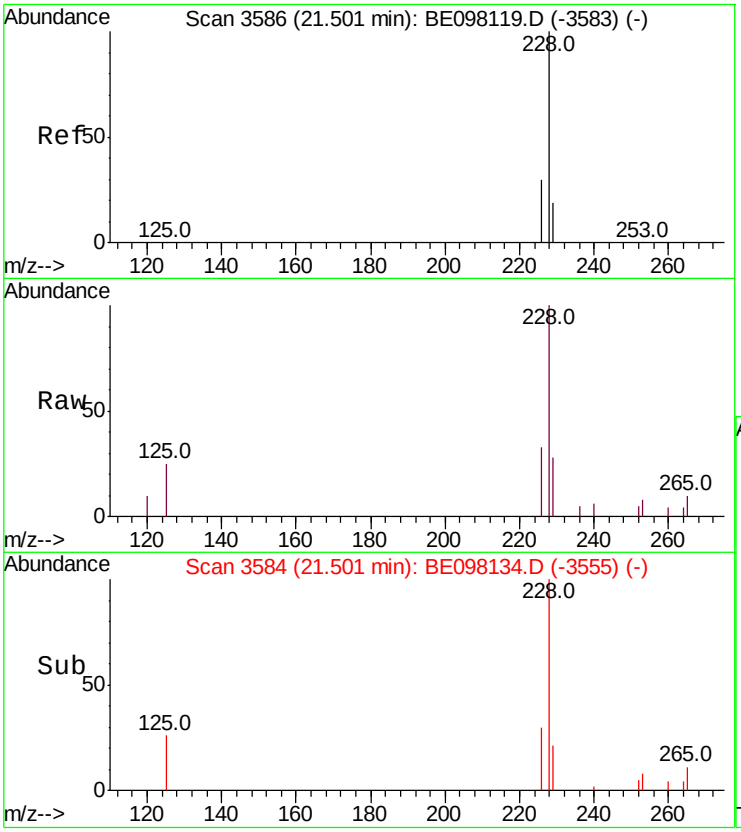


#18
Benzo(a)anthracene
Concen: 0.155 ng/ul m
RT: 21.45 min Scan# 3577
Delta R.T. 0.01 min
Lab File: BE098134.D
Acq: 1 Nov 2018 2:20

Tgt Ion:228 Resp: 4195

Ion	Ratio	Lower	Upper
228	100		
229	33.2	16.1	24.1#
226	32.1	22.2	33.4





#19
Chrysene
Concen: 0.158 ng/ul m
RT: 21.50 min Scan# 3584
Delta R.T. 0.00 min
Lab File: BE098134.D
Acq: 1 Nov 2018 2:20

Tgt Ion:228 Resp: 3303

Ion	Ratio	Lower	Upper
228	100		
226	33.0	24.6	37.0
229	27.8	16.4	24.6#

Instrument :
BNA_E
ClientSampleId :
A40J7

Manual Integrations APPROVED
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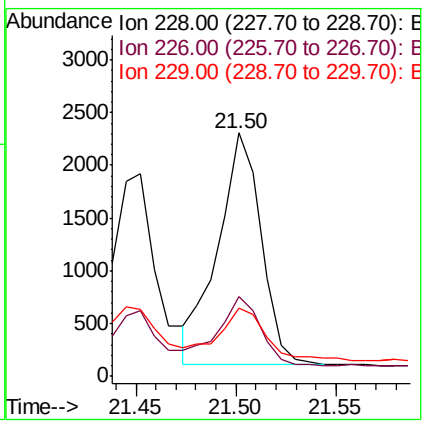
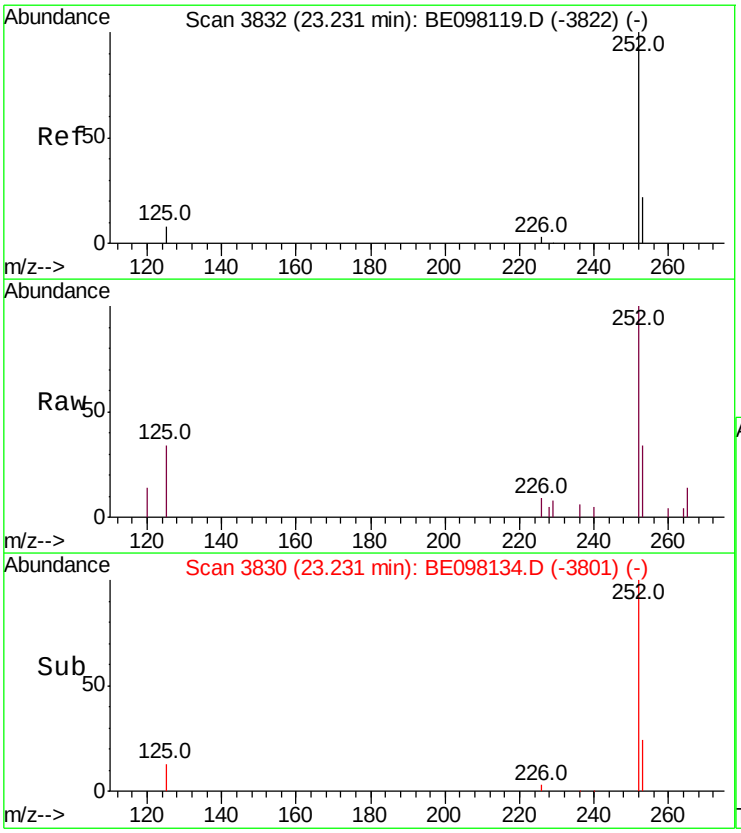
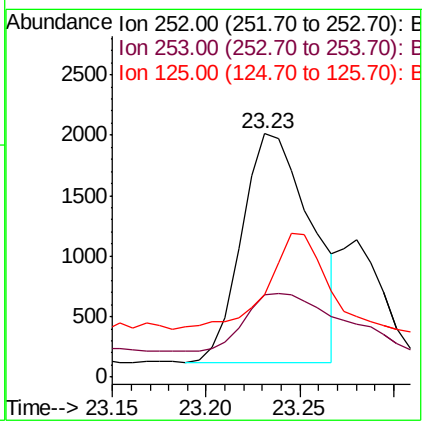


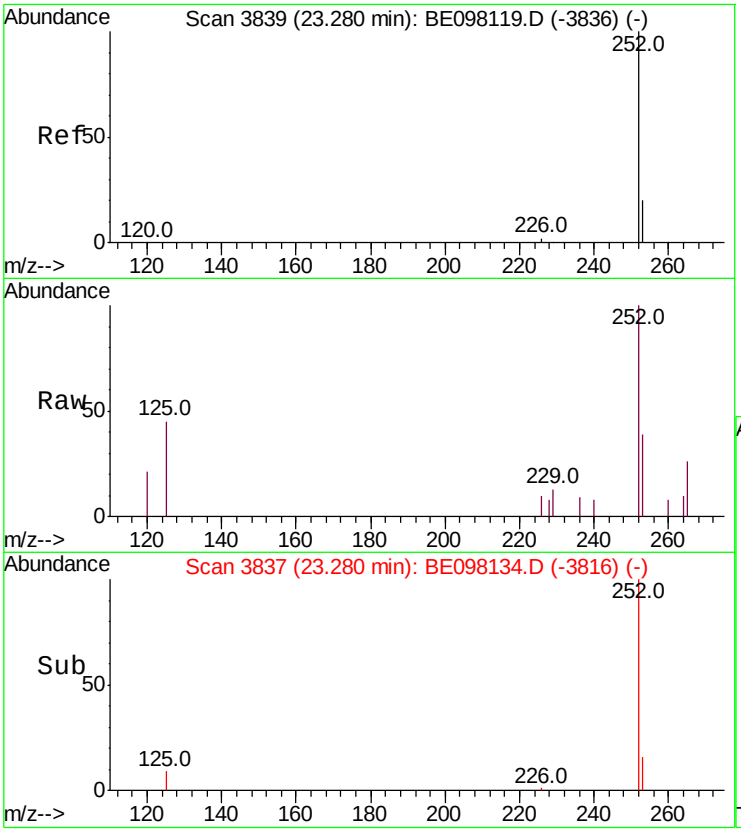


#21
Benzo(b)fluoranthene
Concen: 0.197 ng/ul m
RT: 23.23 min Scan# 3830
Delta R.T. 0.00 min
Lab File: BE098134.D
Acq: 1 Nov 2018 2:20

Tgt Ion:252 Resp: 4903

Ion	Ratio	Lower	Upper
252	100		
253	33.6	0.0	47.8
125	34.1	0.0	16.8#





#22
Benzo(k)fluoranthene
Concen: 0.067 ng/ul m
RT: 23.28 min Scan# 3837
Delta R.T. 0.00 min
Lab File: BE098134.D
Acq: 1 Nov 2018 2:20

Tgt Ion:252 Resp: 1625

Ion	Ratio	Lower	Upper
252	100		
253	38.7	19.3	28.9#
125	44.6	6.2	9.2#

Instrument :
BNA_E
ClientSampleId :
A40J7

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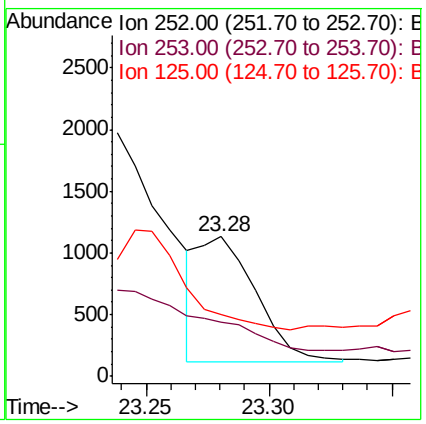
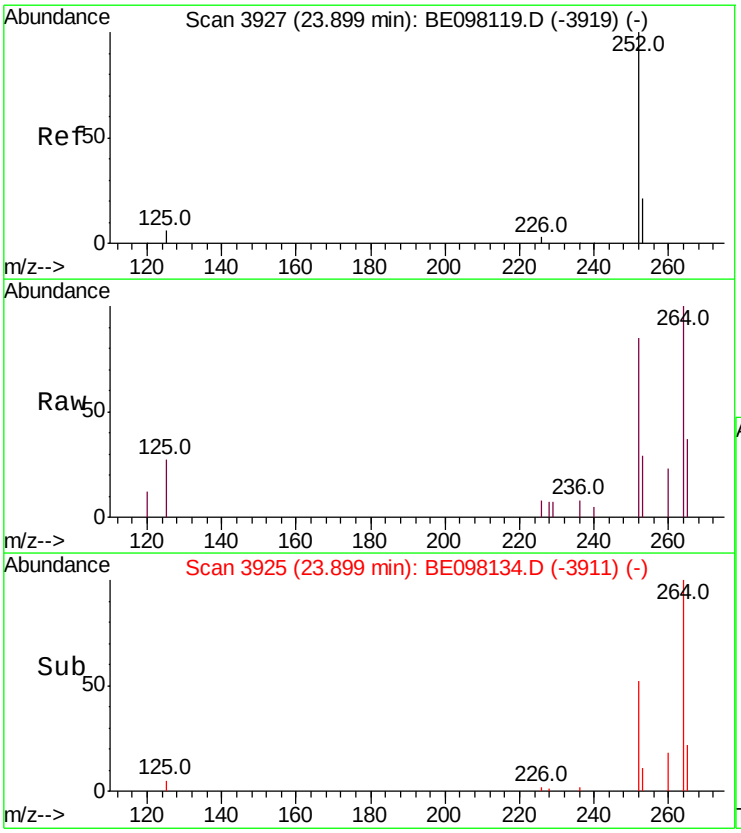
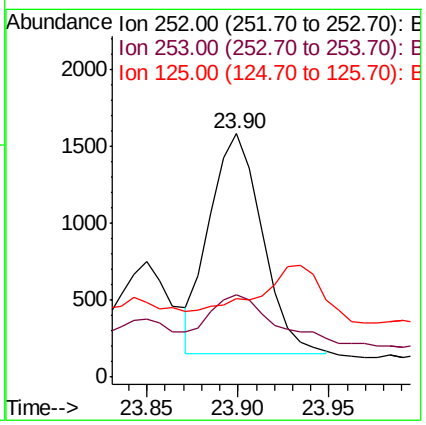


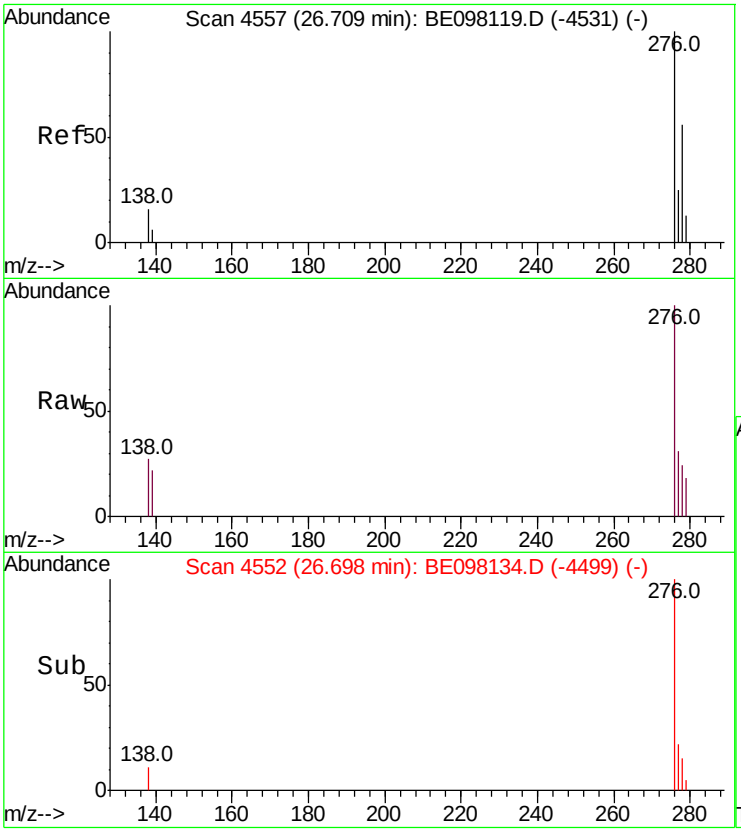


#23
Benzo(a)pyrene
Concen: 0.121 ng/ul m
RT: 23.90 min Scan# 3925
Delta R.T. 0.00 min
Lab File: BE098134.D
Acq: 1 Nov 2018 2:20

Tgt Ion:252 Resp: 2899

Ion	Ratio	Lower	Upper
252	100		
253	33.9	19.4	29.2#
125	32.2	7.8	11.8#





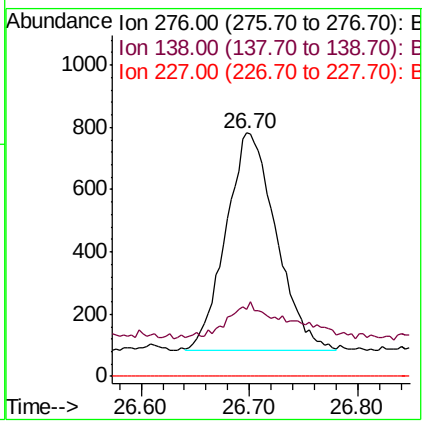
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.081 ng/ul m
RT: 26.70 min Scan# 4552
Delta R.T. -0.01 min
Lab File: BE098134.D
Acq: 1 Nov 2018 2:20

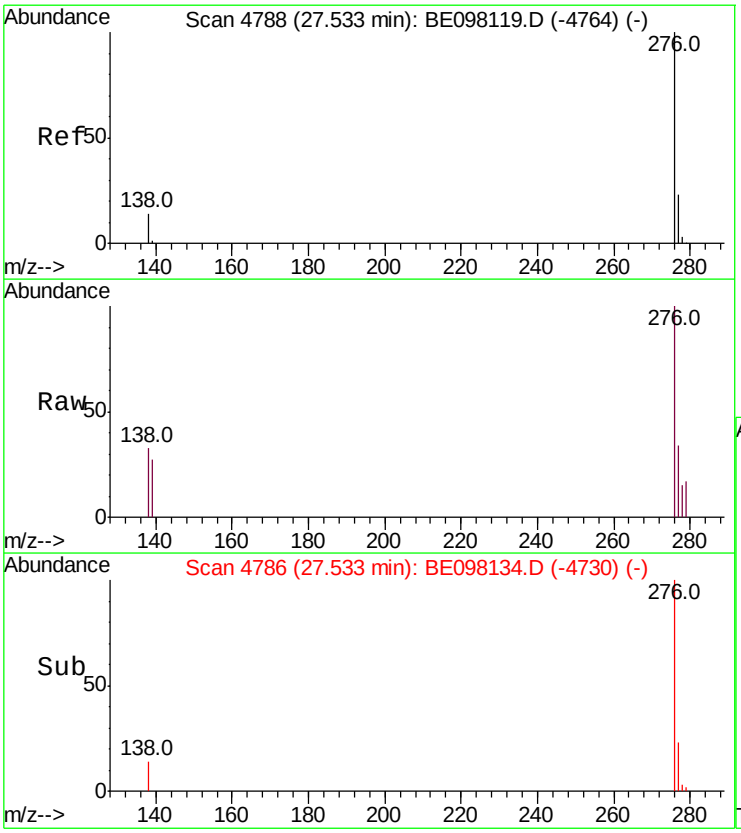
Tgt Ion:276 Resp: 2210

Ion	Ratio	Lower	Upper
276	100		
138	0.6	11.8	17.8#
227	0.0	0.0	0.0

Instrument :
BNA_E
ClientSampleId :
A40J7

Manual Integrations APPROVED
Sohil
11/1/2018 11:08:14 AM





#26
Benzo(g,h,i)perylene
Concen: 0.088 ng/ul m
RT: 27.53 min Scan# 4786
Delta R.T. -0.00 min
Lab File: BE098134.D
Acq: 1 Nov 2018 2:20

Tgt Ion:276 Resp: 2029

Ion	Ratio	Lower	Upper
276	100		
138	32.8	11.6	17.4#
277	33.9	20.8	31.2#