Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE102618\
Data File : BE098084.D
Acq On : 26 Oct 2018 11:49
Operator : SJ/JU
Sample : J5598-10
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : C0AE1

Manual Integrations APPROVED
Sohil
10/29/2018 3:09:17 PM

Quant Time: Oct 26 23:47:23 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 : Fri Oct 26 23:15:36 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	1100	0.40	ng/ul	0.00
2) Naphthalene-d8	10.68	136	5481	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.53	164	4060	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.29	188	9532m	0.40	ng/ul	0.00
16) Chrysene-d12	21.48	240	10366m	0.40	ng/ul	0.00
20) Perylene-d12	24.03	264	11223m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.27	152	1750	0.18	ng/ul	0.00
14) Fluoranthene-d10	19.32	212	5849m	0.19	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.73	128	15786	1.203	ng/ul	95
5) 2-Methylnaphthalene	12.34	142	5387	0.543	ng/ul	99
7) Acenaphthylene	14.26	152	29869	1.865	ng/ul	97
8) Acenaphthene	14.60	153	2514	0.210	ng/ul	95
9) Fluorene	15.59	166	2123	0.147	ng/ul#	97
12) Phenanthrene	17.33	178	63570m	2.890	ng/ul	
13) Anthracene	17.42	178	44276m	2.038	ng/ul	
15) Fluoranthene	19.36	202	690391m	24.614	ng/ul	
17) Pyrene	19.72	202	805966	33.299	ng/ul	98
18) Benzo(a)anthracene	21.46	228	664193m	21.792	ng/ul	
19) Chrysene	21.52	228	625221	26.519	ng/ul	99
21) Benzo(b)fluoranthene	23.25	252	1044196m	33.581	ng/ul	
22) Benzo(k)fluoranthene	23.30	252	334846m	11.001	ng/ul	
23) Benzo(a)pyrene	23.92	252	395523m	13.225	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.73	276	344391m	10.049	ng/ul	
25) Dibenzo(a,h)anthracene	26.74	278	89138m	3.121	ng/ul	
26) Benzo(g,h,i)perylene	27.56	276	261887m	9.078	ng/ul	

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE102618\
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Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 26 23:47:23 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 : Fri Oct 26 23:15:36 2018
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
C0AE1

Manual Integrations APPROVED
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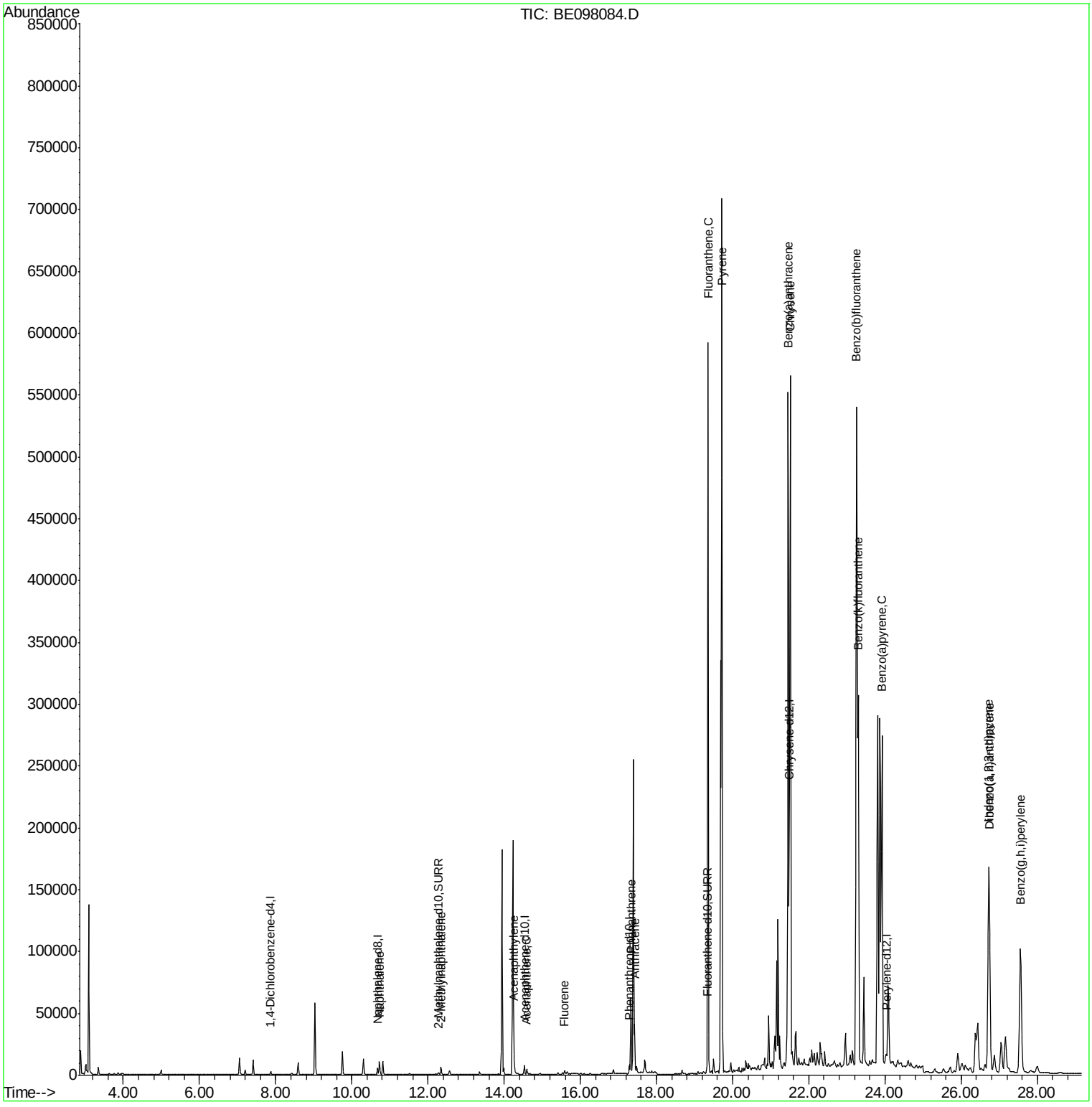
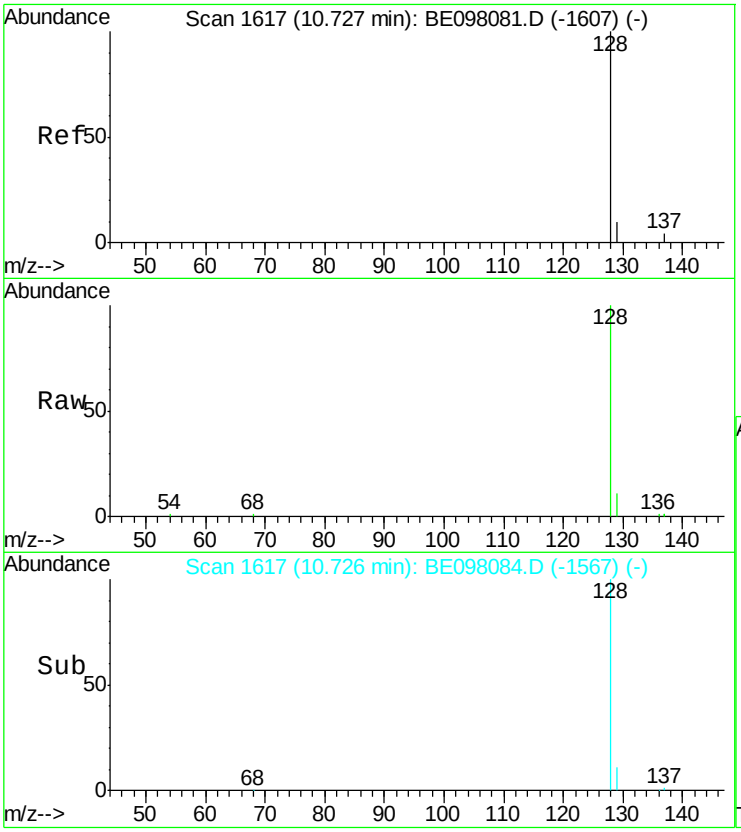
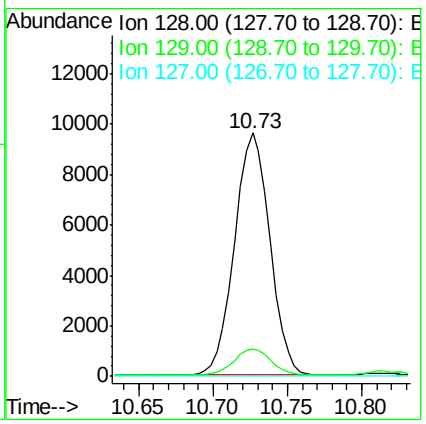




#3
Naphthalene
Concen: 1.203 ng/ul
RT: 10.73 min Scan# 1617
Delta R.T. -0.00 min
Lab File: BE098084.D
Acq: 26 Oct 2018 11:49

Tgt Ion:128 Resp: 15786

Ion	Ratio	Lower	Upper
128	100		
129	11.2	10.5	15.7
127	0.0	0.0	0.0



Instrument :
BNA_E
ClientSampleId :
C0AE1

Manual Integrations APPROVED
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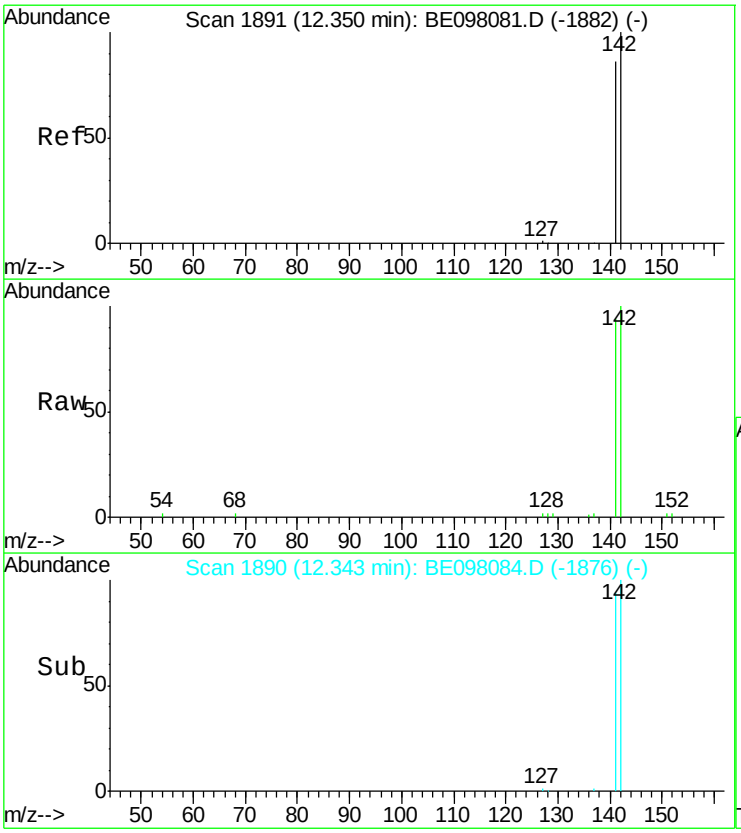
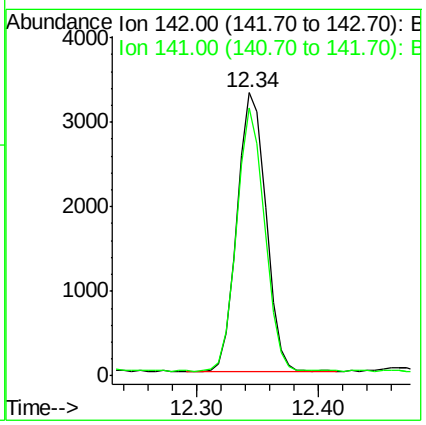
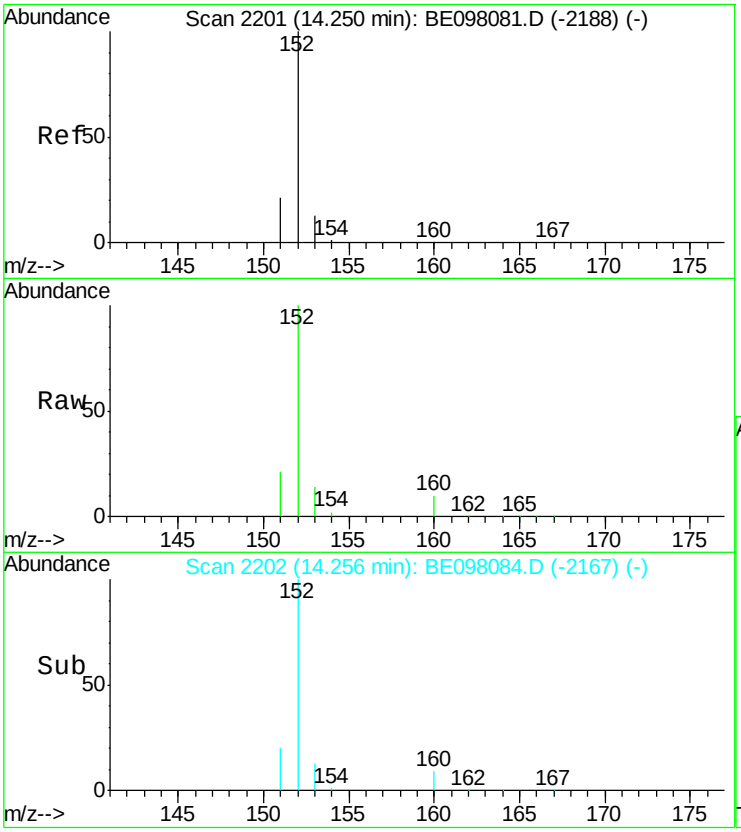


#5
2-Methylnaphthalene
Concen: 0.543 ng/ul
RT: 12.34 min Scan# 1890
Delta R.T. -0.01 min
Lab File: BE098084.D
Acq: 26 Oct 2018 11:49

Tgt Ion:142 Resp: 5387

Ion	Ratio	Lower	Upper
142	100		
141	91.9	72.5	108.7

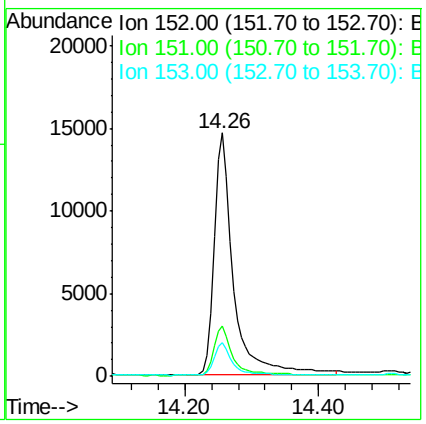




#7
Acenaphthylene
Concen: 1.865 ng/ul
RT: 14.26 min Scan# 2202
Delta R.T. 0.01 min
Lab File: BE098084.D
Acq: 26 Oct 2018 11:49

Tgt Ion:152 Resp: 29869

Ion	Ratio	Lower	Upper
152	100		
151	20.5	17.3	25.9
153	13.6	11.9	17.9



Instrument :
BNA_E
ClientSampleId :
C0AE1

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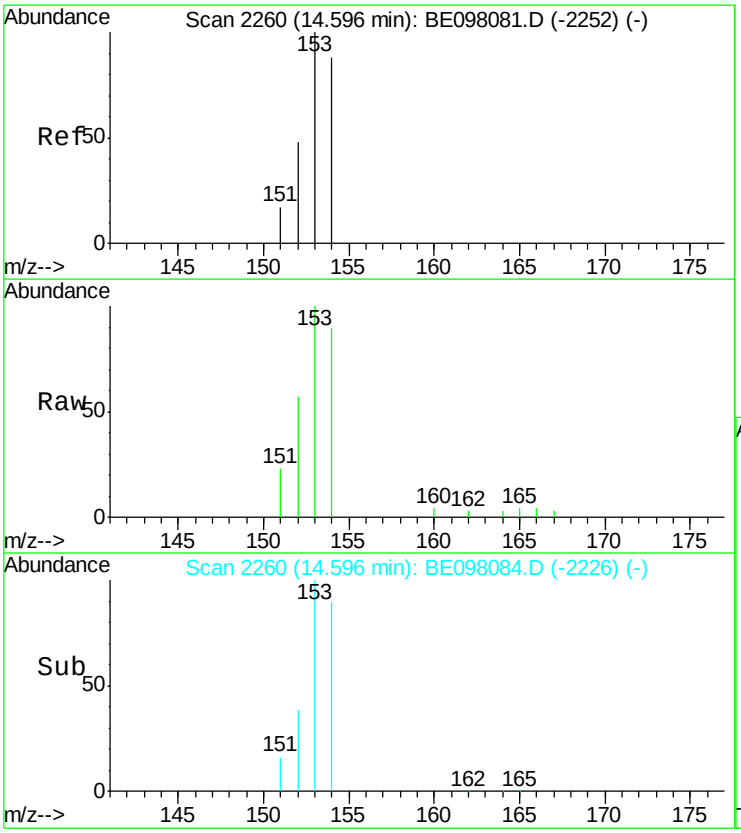
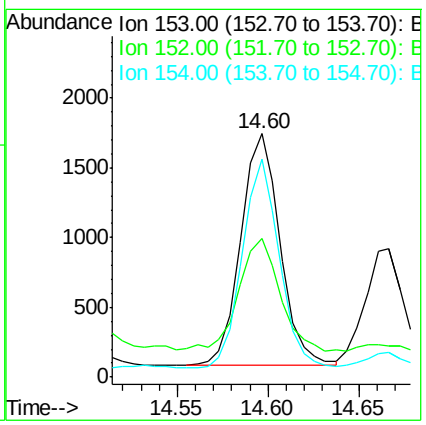
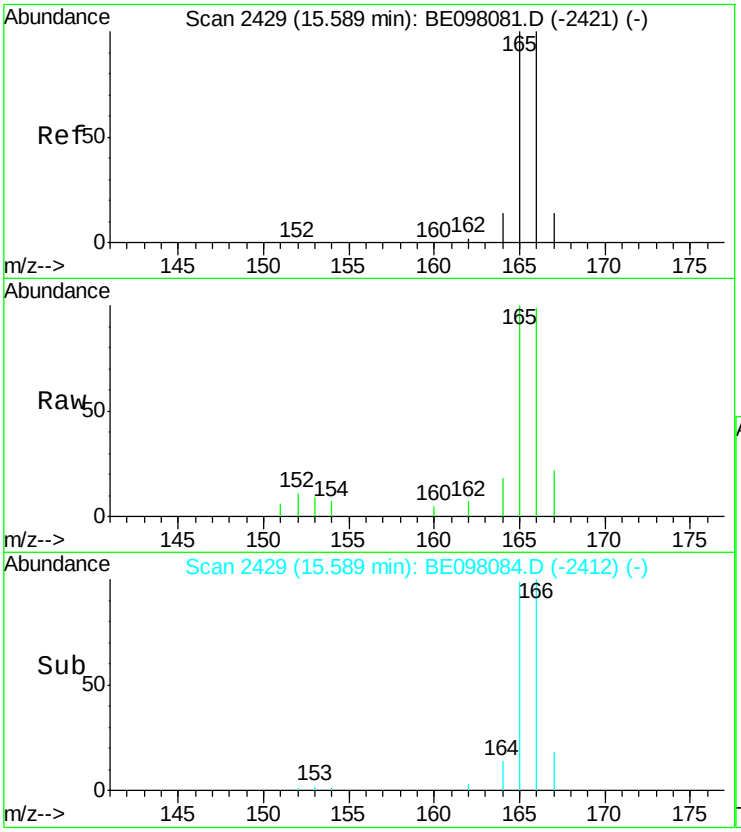


#8
Acenaphthene
Concen: 0.210 ng/ul
RT: 14.60 min Scan# 2260
Delta R.T. -0.00 min
Lab File: BE098084.D
Acq: 26 Oct 2018 11:49

Tgt Ion:153 Resp: 2514

Ion	Ratio	Lower	Upper
153	100		
152	56.7	39.4	59.0
154	89.6	70.5	105.7

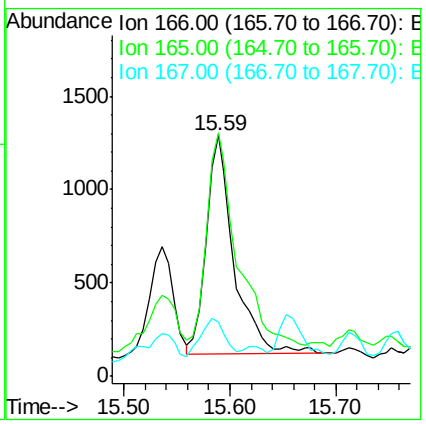




#9
Fluorene
Concen: 0.147 ng/ul
RT: 15.59 min Scan# 2429
Delta R.T. -0.00 min
Lab File: BE098084.D
Acq: 26 Oct 2018 11:49

Tgt Ion:166 Resp: 2123

Ion	Ratio	Lower	Upper
166	100		
165	101.1	80.2	120.4
167	22.7	12.0	18.0#



Instrument :
BNA_E
ClientSampleId :
C0AE1

Manual Integrations APPROVED
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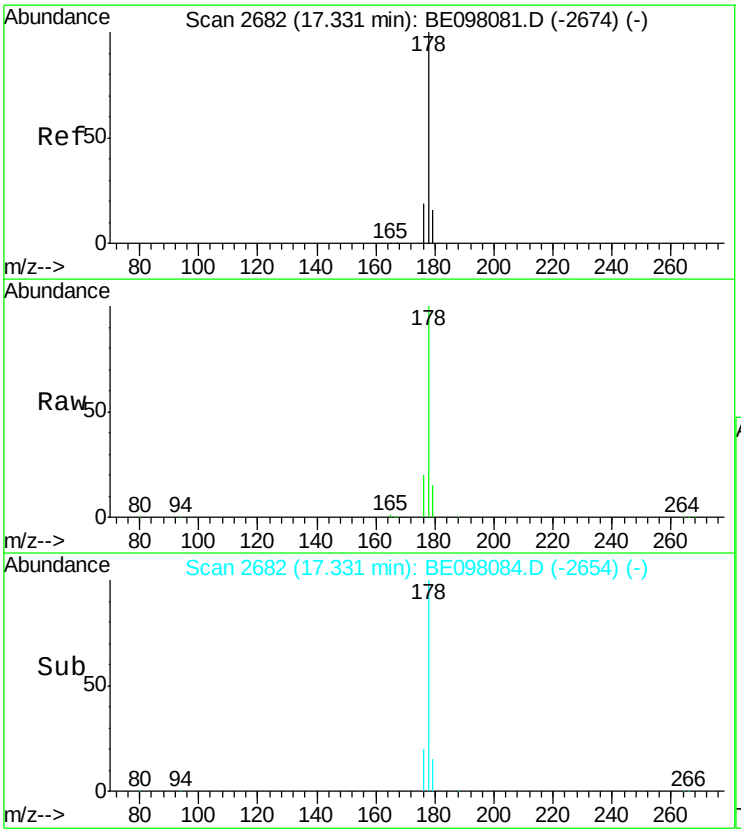
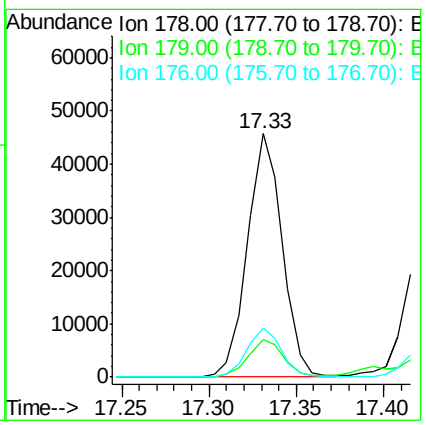
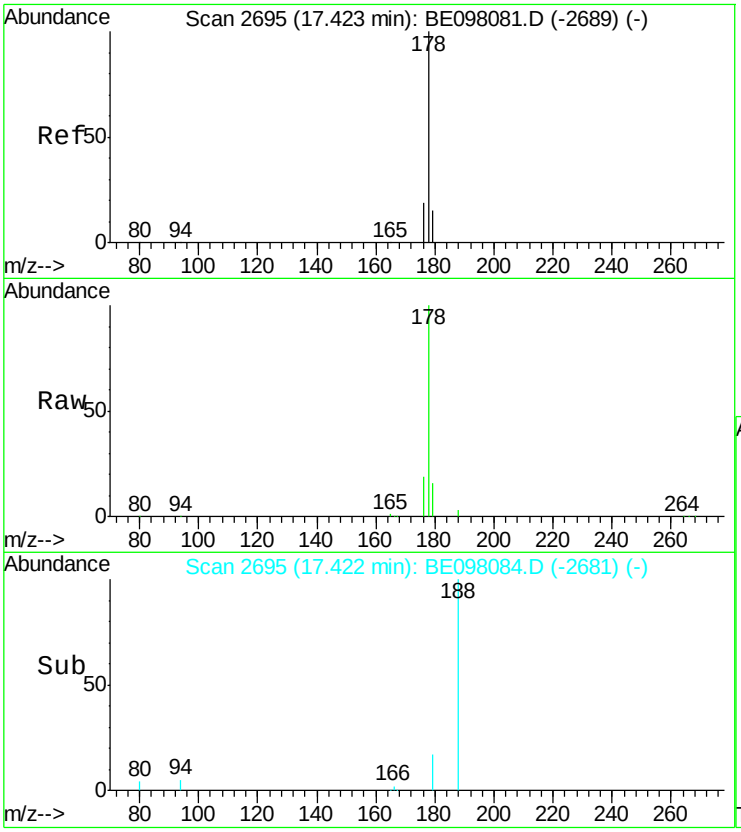


#12
Phenanthrene
Concen: 2.890 ng/ul m
RT: 17.33 min Scan# 2682
Delta R.T. -0.00 min
Lab File: BE098084.D
Acq: 26 Oct 2018 11:49

Tgt Ion:178 Resp: 63570

Ion	Ratio	Lower	Upper
178	100		
179	15.4	13.0	19.4
176	20.1	15.7	23.5

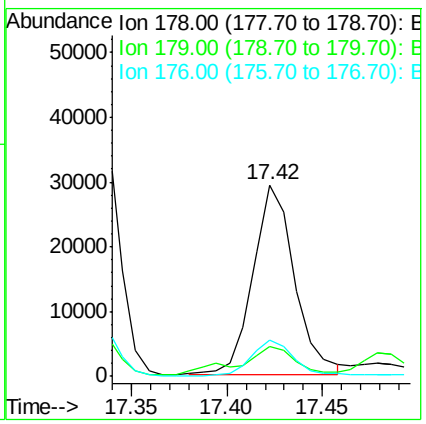




#13
Anthracene
Concen: 2.038 ng/ul m
RT: 17.42 min Scan# 2695
Delta R.T. -0.00 min
Lab File: BE098084.D
Acq: 26 Oct 2018 11:49

Tgt Ion:178 Resp: 44276

Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.6	19.0
176	19.2	15.6	23.4



Instrument :
BNA_E
ClientSampleId :
C0AE1

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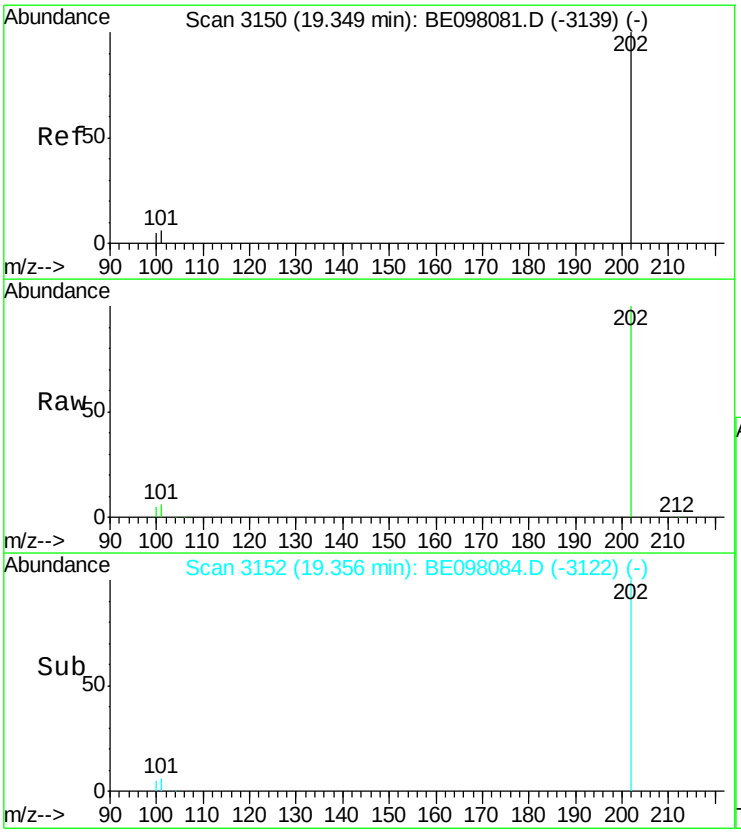
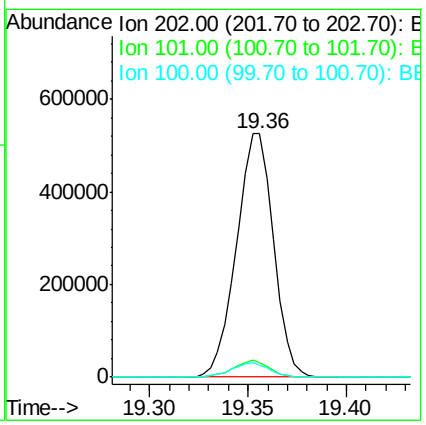
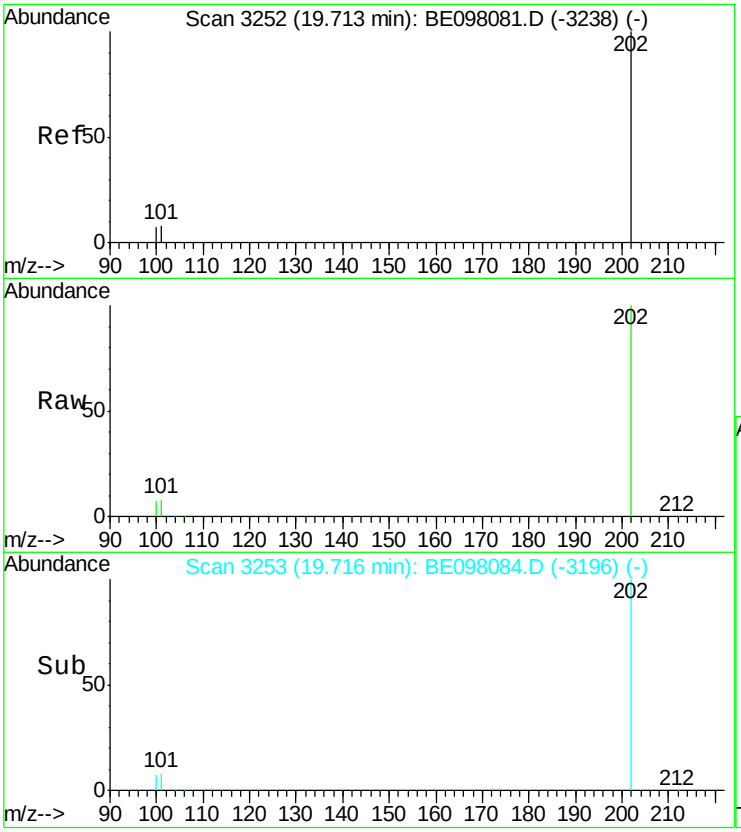


#15
Fluoranthene
Concen: 24.614 ng/ul m
RT: 19.36 min Scan# 3152
Delta R.T. 0.01 min
Lab File: BE098084.D
Acq: 26 Oct 2018 11:49

Tgt Ion:202 Resp: 690391

Ion	Ratio	Lower	Upper
202	100		
101	6.0	0.0	27.5
100	5.2	0.0	26.0





#17
Pyrene
Concen: 33.299 ng/ul
RT: 19.72 min Scan# 3253
Delta R.T. 0.00 min
Lab File: BE098084.D
Acq: 26 Oct 2018 11:49

Instrument :
BNA_E
ClientSampleId :
C0AE1

Manual Integrations APPROVED
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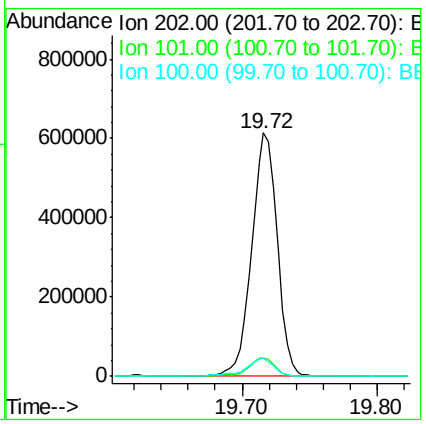
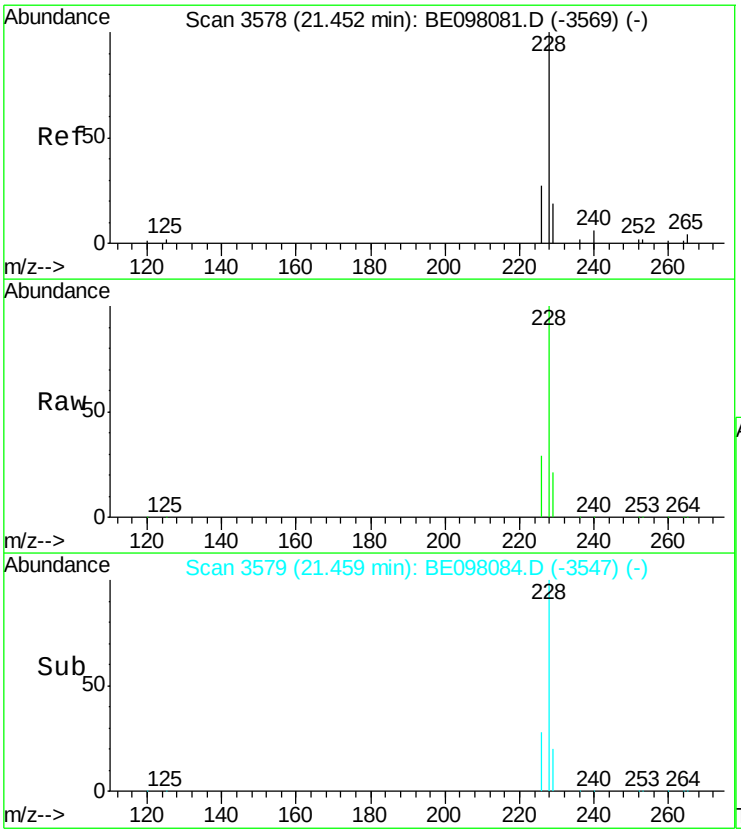
Tgt Ion:202 Resp: 805966

Ion	Ratio	Lower	Upper
202	100		
101	7.7	6.9	10.3
100	7.3	6.0	9.0

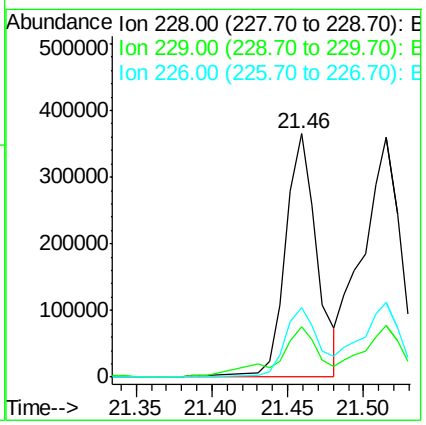


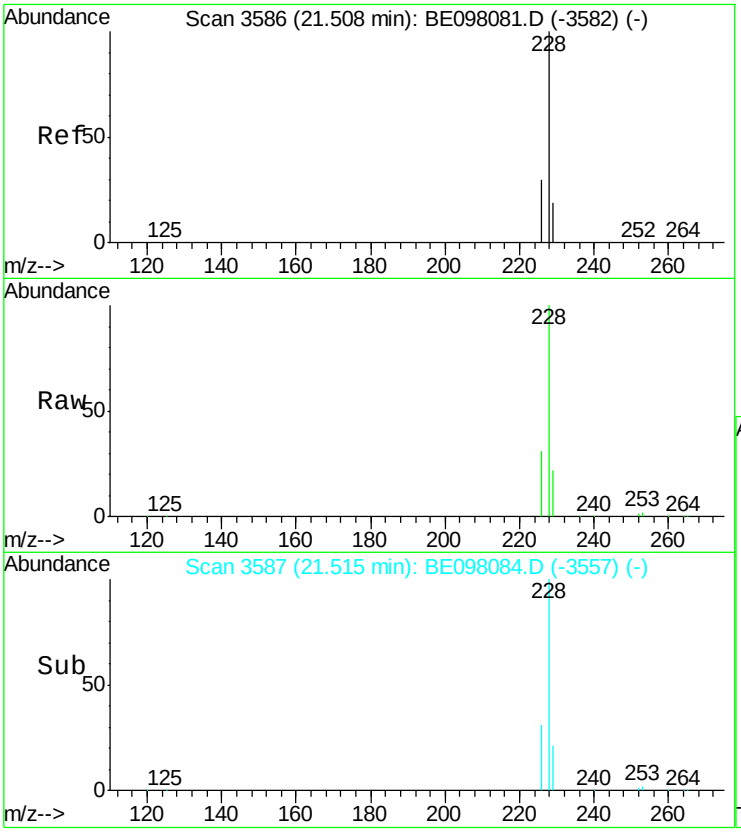


#18
Benzo(a)anthracene
Concen: 21.792 ng/ul m
RT: 21.46 min Scan# 3579
Delta R.T. 0.01 min
Lab File: BE098084.D
Acq: 26 Oct 2018 11:49

Tgt Ion:228 Resp: 664193

Ion	Ratio	Lower	Upper
228	100		
229	20.5	16.1	24.1
226	28.8	22.2	33.4

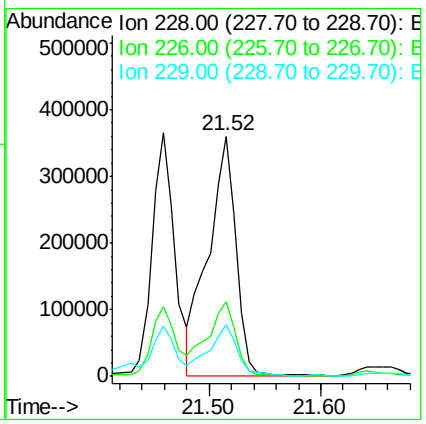




#19
Chrysene
Concen: 26.519 ng/ul
RT: 21.52 min Scan# 3587
Delta R.T. 0.01 min
Lab File: BE098084.D
Acq: 26 Oct 2018 11:49

Tgt Ion:228 Resp: 625221

Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.6	37.0
229	21.6	16.4	24.6



Instrument :
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Manual Integrations APPROVED
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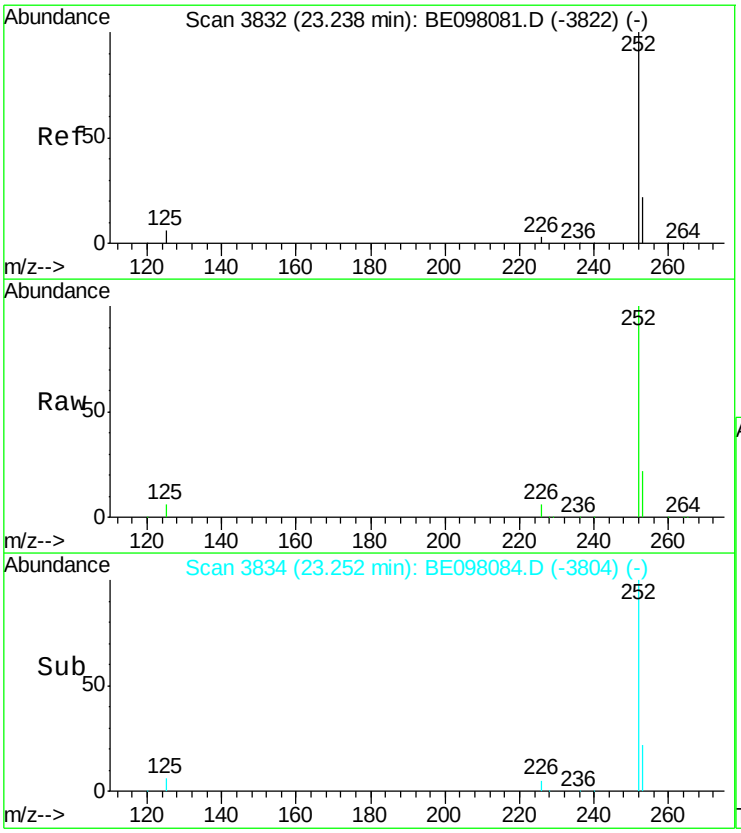
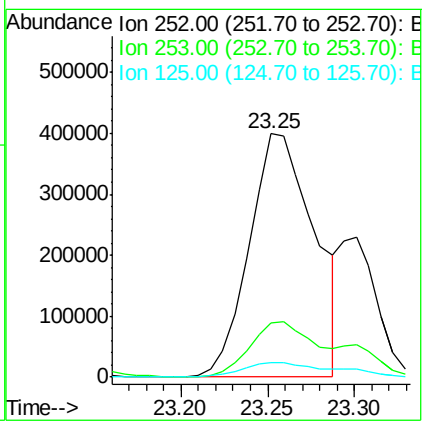
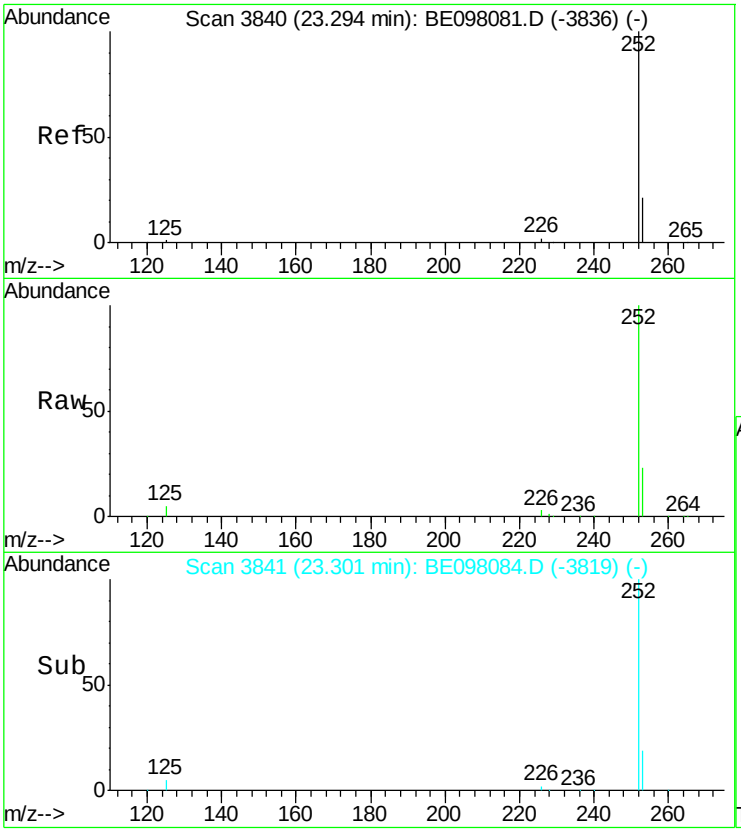


#21
Benzo(b)fluoranthene
Concen: 33.581 ng/ul m
RT: 23.25 min Scan# 3834
Delta R.T. 0.01 min
Lab File: BE098084.D
Acq: 26 Oct 2018 11:49

Tgt Ion:252 Resp: 1044196

Ion	Ratio	Lower	Upper
252	100		
253	22.4	0.0	47.8
125	5.9	0.0	16.8





#22
Benzo(k)fluoranthene
Concen: 11.001 ng/ul m
RT: 23.30 min Scan# 3841
Delta R.T. 0.01 min
Lab File: BE098084.D
Acq: 26 Oct 2018 11:49

Tgt Ion:252 Resp: 334846

Ion	Ratio	Lower	Upper
252	100		
253	23.4	19.3	28.9
125	5.4	6.2	9.2#

Instrument :
BNA_E
ClientSampleId :
C0AE1

Manual Integrations APPROVED
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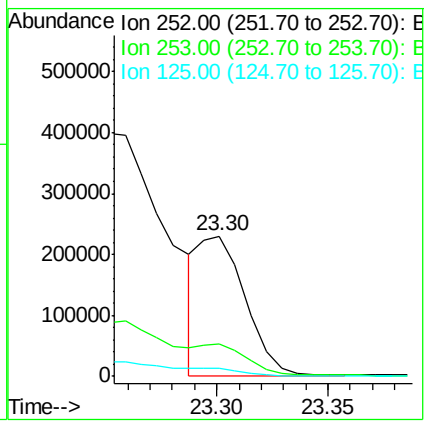
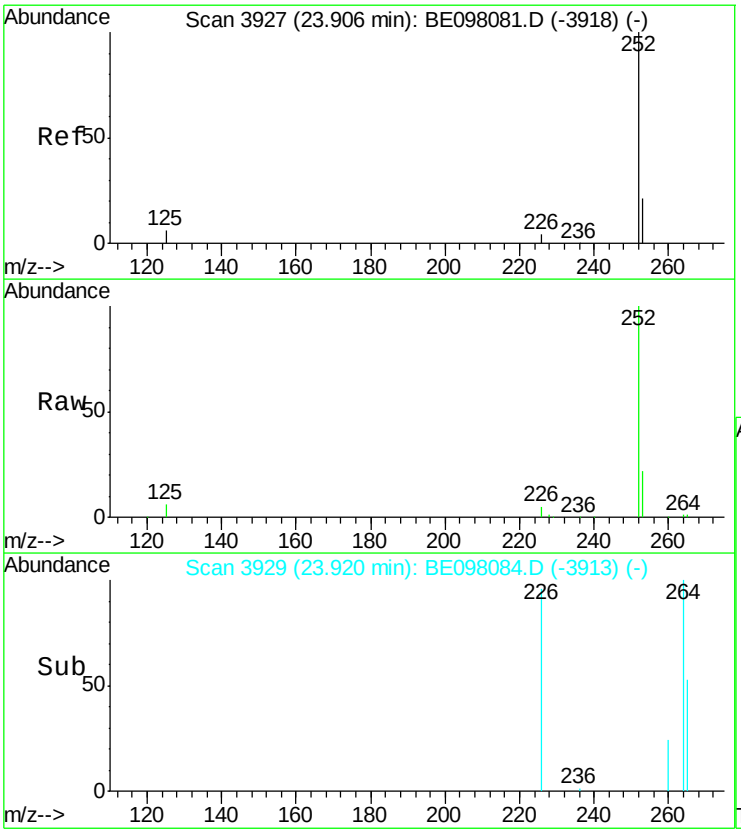
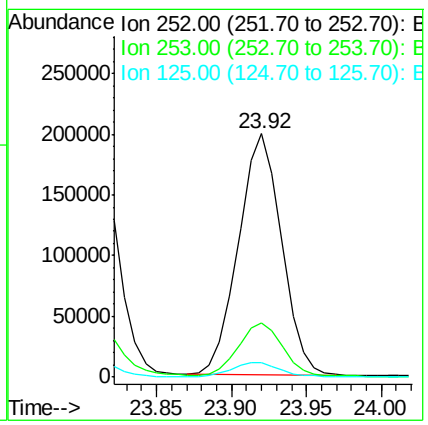


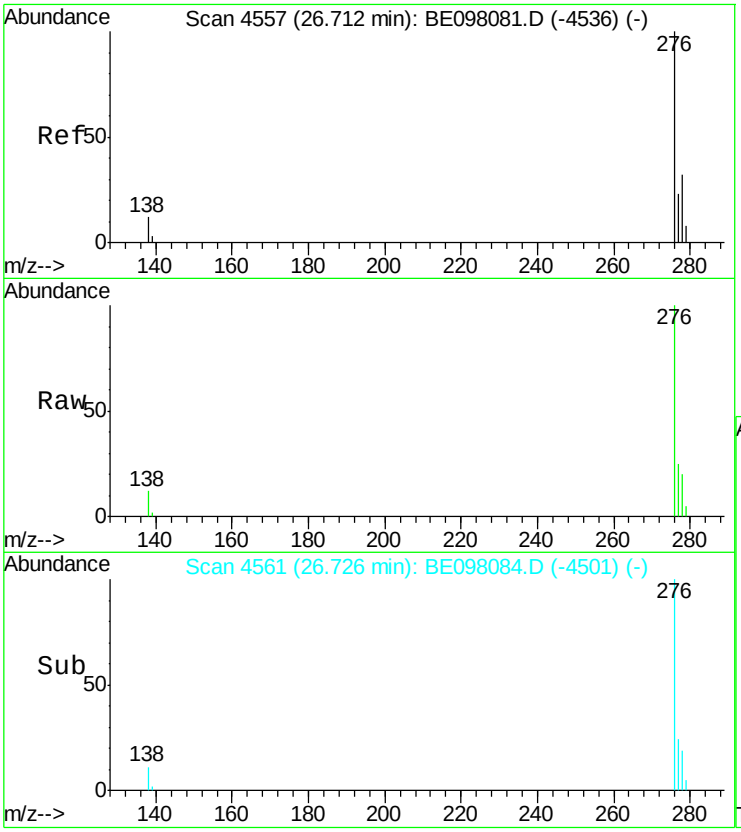


#23
Benzo(a)pyrene
Concen: 13.225 ng/ul m
RT: 23.92 min Scan# 3929
Delta R.T. 0.01 min
Lab File: BE098084.D
Acq: 26 Oct 2018 11:49

Tgt Ion:252 Resp: 395523

Ion	Ratio	Lower	Upper
252	100		
253	22.5	19.4	29.2
125	5.9	7.8	11.8#





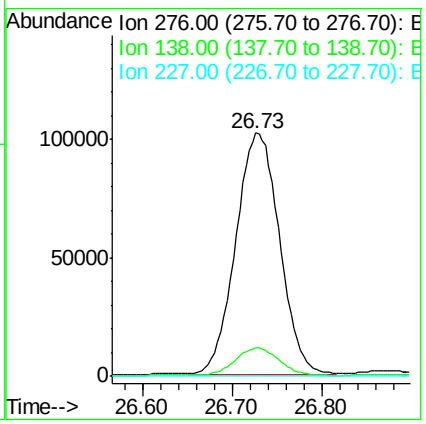
#24
Indeno(1,2,3-cd)pyrene
Concen: 10.049 ng/ul m
RT: 26.73 min Scan# 4561
Delta R.T. 0.01 min
Lab File: BE098084.D
Acq: 26 Oct 2018 11:49

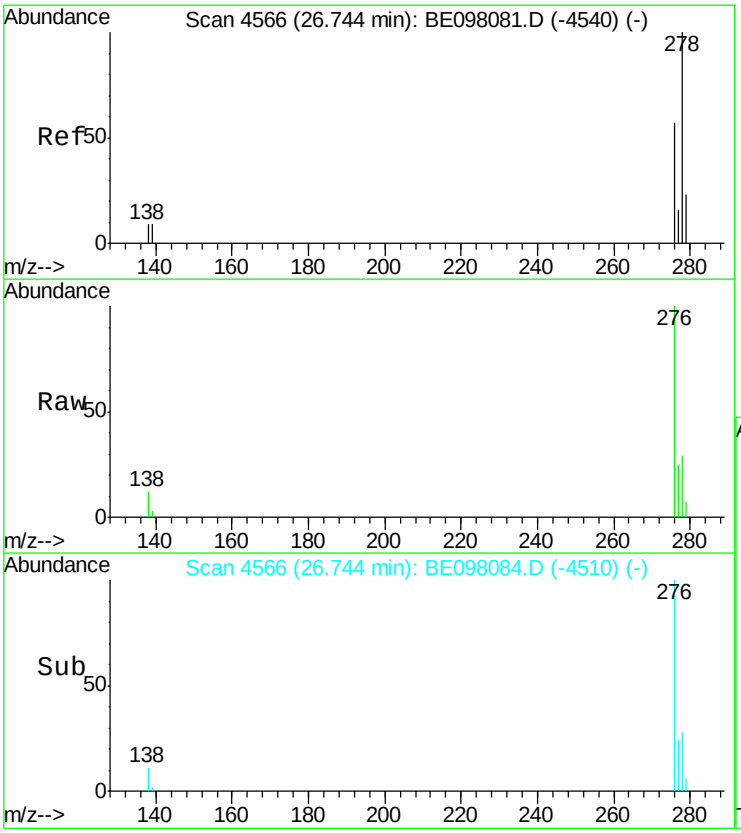
Tgt Ion:276 Resp: 344391

Ion	Ratio	Lower	Upper
276	100		
138	11.2	11.8	17.8#
227	0.0	0.0	0.0

Instrument :
BNA_E
ClientSampleId :
C0AE1

Manual Integrations APPROVED
Sohil
10/29/2018 3:09:17 PM

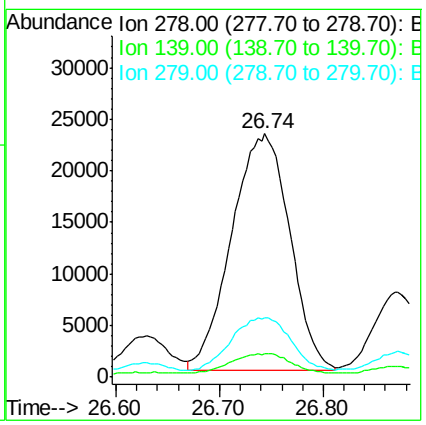


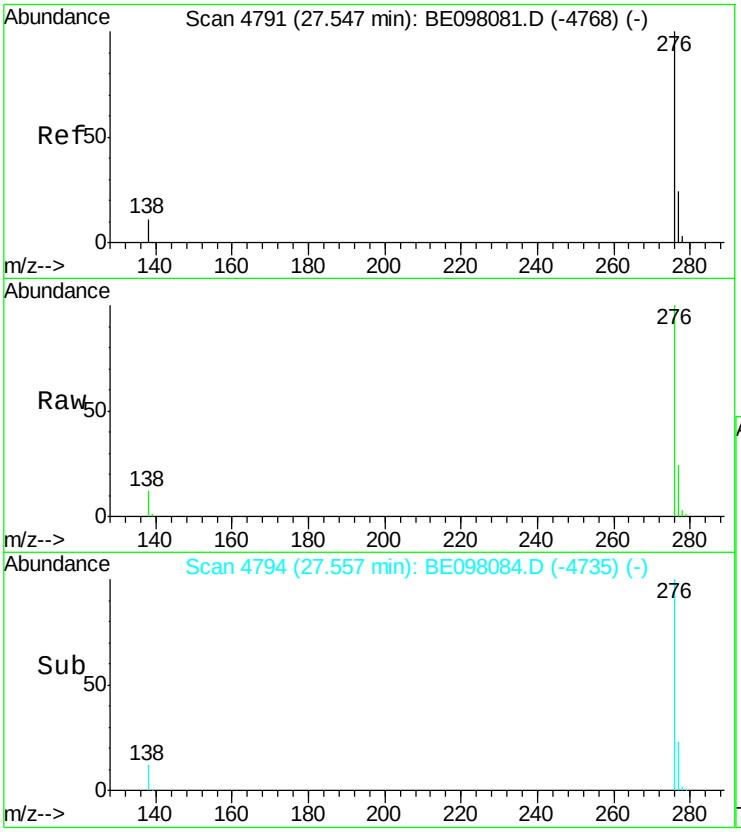


#25
Dibenzo(a,h)anthracene
Concen: 3.121 ng/ul m
RT: 26.74 min Scan# 4566
Delta R.T. -0.00 min
Lab File: BE098084.D
Acq: 26 Oct 2018 11:49

Tgt Ion:278 Resp: 89138

Ion	Ratio	Lower	Upper
278	100		
139	9.8	10.0	15.0#
279	24.4	20.3	30.5

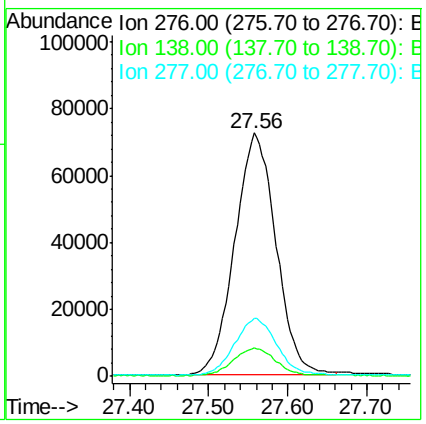




#26
Benzo(g,h,i)perylene
Concen: 9.078 ng/ul m
RT: 27.56 min Scan# 4794
Delta R.T. 0.01 min
Lab File: BE098084.D
Acq: 26 Oct 2018 11:49

Tgt Ion:276 Resp: 261887

Ion	Ratio	Lower	Upper
276	100		
138	11.9	11.6	17.4
277	23.7	20.8	31.2



Instrument :
BNA_E
ClientSampleId :
C0AE1

Manual Integrations APPROVED
Sohil
10/29/2018 3:09:17 PM