Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE102618\
Data File : BE098086.D
Acq On : 26 Oct 2018 13:03
Operator : SJ/JU
Sample : J5598-15
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Oct 27 00:00:14 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 : C0AE3

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	1122	0.40	ng/ul	0.00
2) Naphthalene-d8	10.68	136	5593	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.53	164	3964	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.29	188	9464m	0.40	ng/ul	0.00
16) Chrysene-d12	21.47	240	10594m	0.40	ng/ul	0.00
20) Perylene-d12	24.03	264	10394m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.27	152	1983	0.20	ng/ul	0.00
14) Fluoranthene-d10	19.32	212	7243m	0.24	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.72	128	1339	0.100	ng/ul#	93
5) 2-Methylnaphthalene	12.34	142	423	0.042	ng/ul	94
7) Acenaphthylene	14.26	152	5278	0.337	ng/ul	99
8) Acenaphthene	14.60	153	358	0.031	ng/ul#	89
9) Fluorene	15.59	166	405	0.029	ng/ul#	92
12) Phenanthrene	17.33	178	12028m	0.551	ng/ul	
13) Anthracene	17.42	178	7784m	0.361	ng/ul	
15) Fluoranthene	19.35	202	123021m	4.418	ng/ul	
17) Pyrene	19.71	202	156598	6.331	ng/ul	99
18) Benzo(a)anthracene	21.45	228	148866m	4.779	ng/ul	
19) Chrysene	21.51	228	147280	6.112	ng/ul	99
21) Benzo(b)fluoranthene	23.25	252	228670m	7.940	ng/ul	
22) Benzo(k)fluoranthene	23.29	252	63550m	2.254	ng/ul	
23) Benzo(a)pyrene	23.91	252	76024	2.745	ng/ul#	95
24) Indeno(1,2,3-cd)pyrene	26.72	276	62098	1.957	ng/ul#	93
25) Dibenzo(a,h)anthracene	26.74	278	17343	0.656	ng/ul	99
26) Benzo(g,h,i)perylene	27.55	276	46313	1.733	ng/ul	97

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE102618\
Data File : BE098086.D
Acq On : 26 Oct 2018 13:03
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Sample : J5598-15
Misc :
ALS Vial : 7 Sample Multiplier: 1

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE102518.M
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Instrument :
BNA_E
ClientSampleId :
C0AE3

Manual Integrations APPROVED
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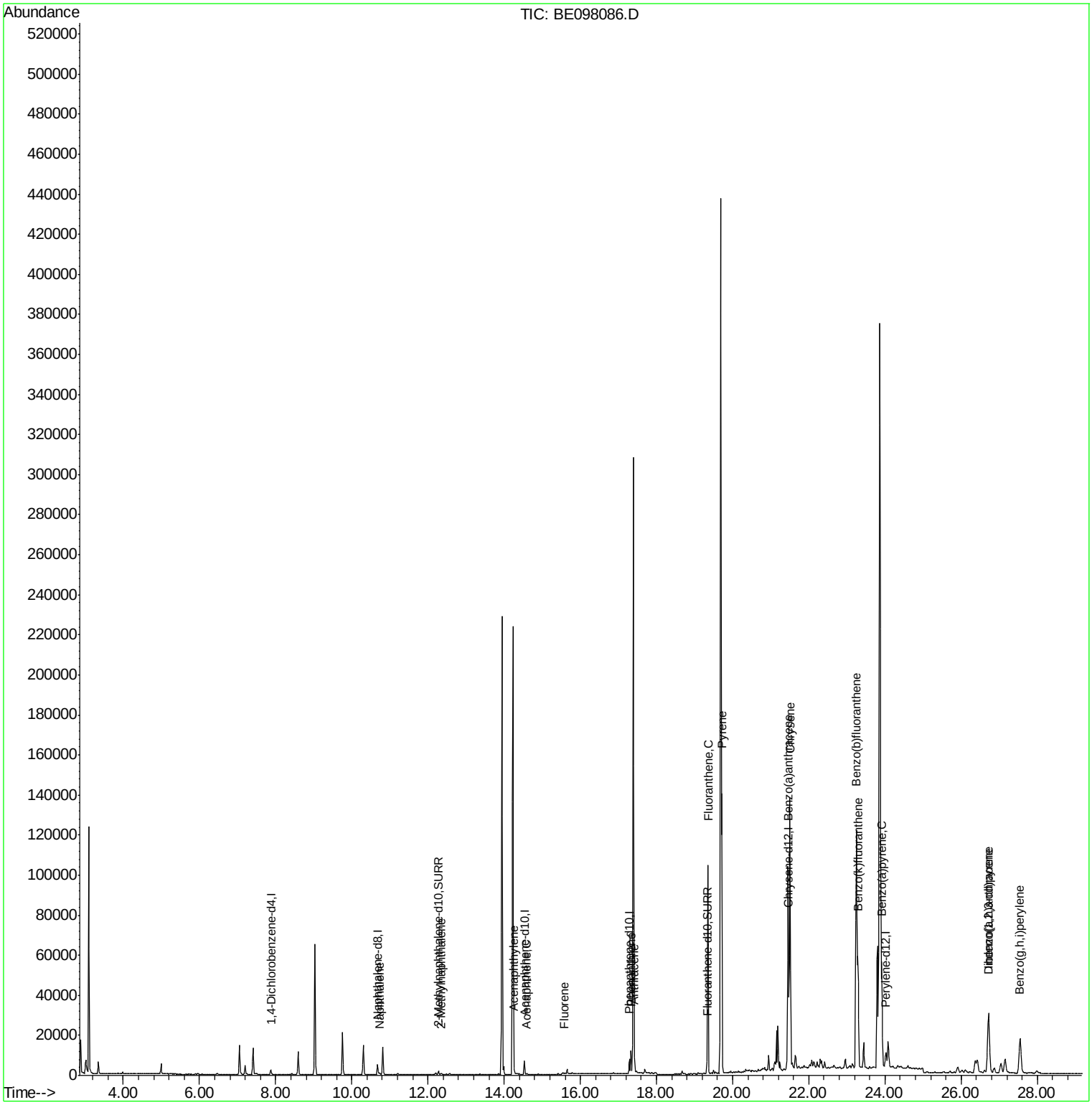

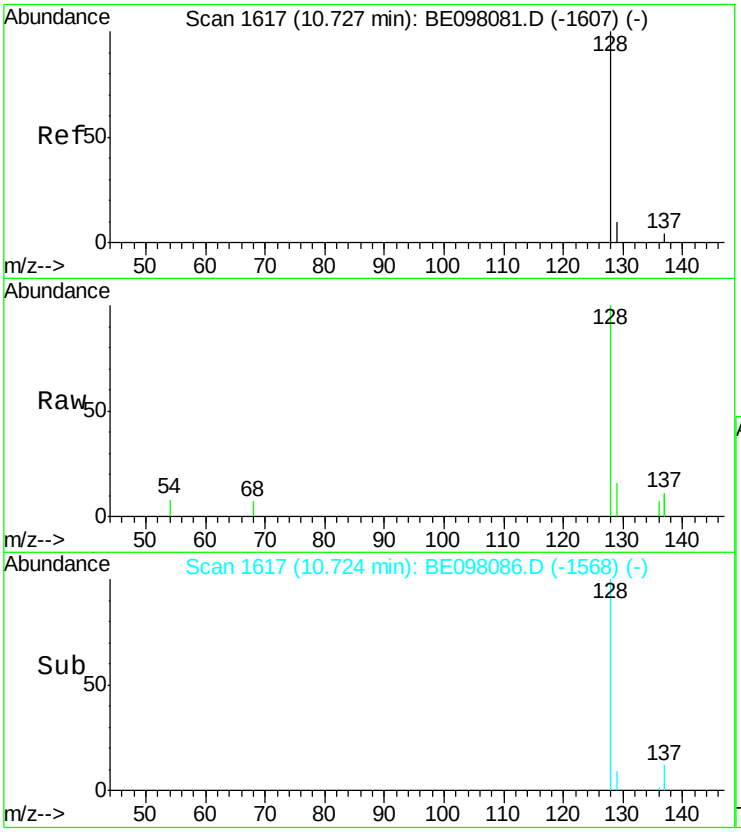

#3
Naphthalene
Concen: 0.100 ng/ul
RT: 10.72 min Scan# 1617
Delta R.T. -0.00 min
Lab File: BE098086.D
Acq: 26 Oct 2018 13:03

Tgt Ion:128 Resp: 1339

Ion	Ratio	Lower	Upper
128	100		
129	15.8	10.5	15.7#
127	0.0	0.0	0.0

Instrument :
BNA_E
ClientSampleId :
C0AE3

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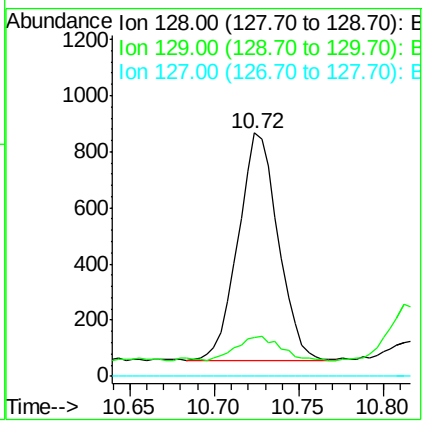
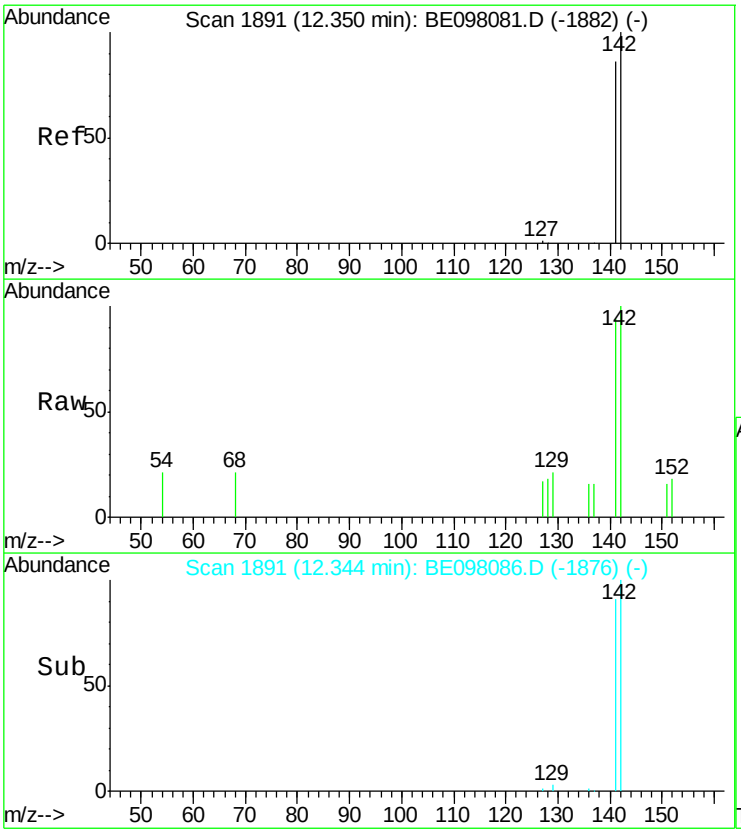
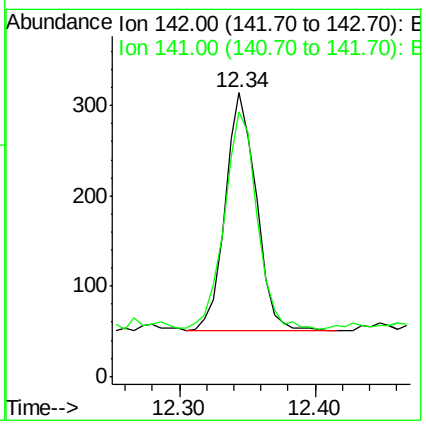


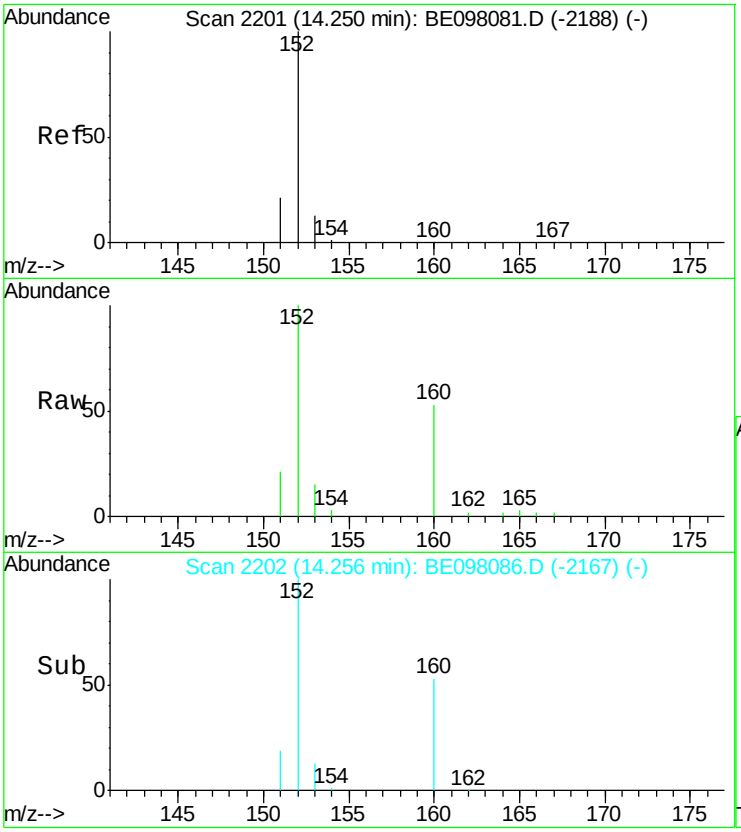


#5
2-Methylnaphthalene
Concen: 0.042 ng/ul
RT: 12.34 min Scan# 1891
Delta R.T. -0.01 min
Lab File: BE098086.D
Acq: 26 Oct 2018 13:03

Tgt Ion:142 Resp: 423

Ion	Ratio	Lower	Upper
142	100		
141	96.0	72.5	108.7

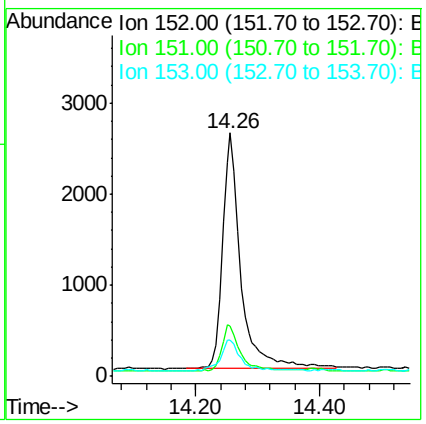




#7
Acenaphthylene
Concen: 0.337 ng/ul
RT: 14.26 min Scan# 2202
Delta R.T. 0.01 min
Lab File: BE098086.D
Acq: 26 Oct 2018 13:03

Tgt Ion:152 Resp: 5278

Ion	Ratio	Lower	Upper
152	100		
151	20.7	17.3	25.9
153	14.9	11.9	17.9



Instrument :
BNA_E
ClientSampleId :
C0AE3

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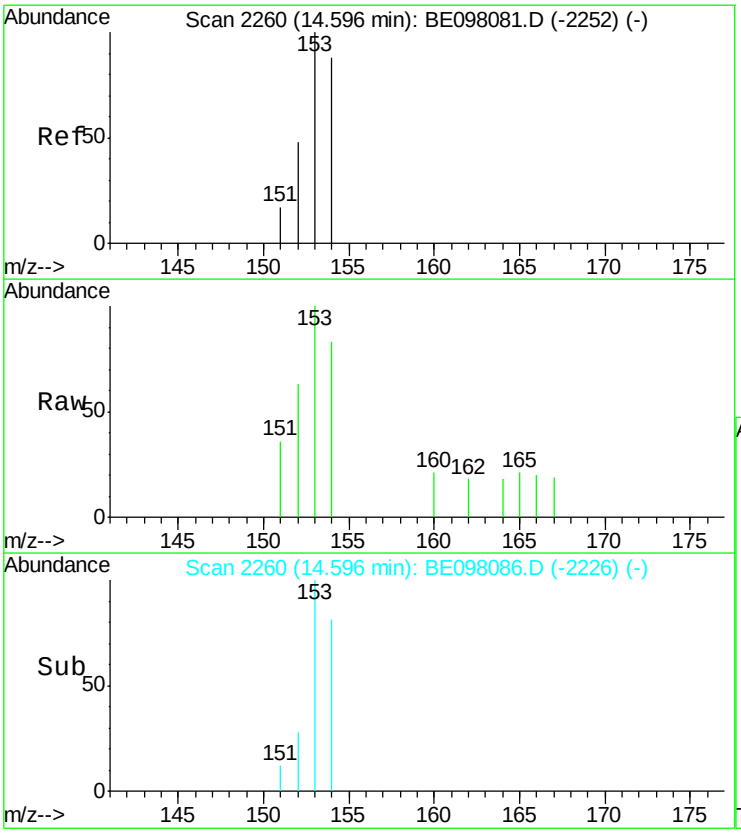
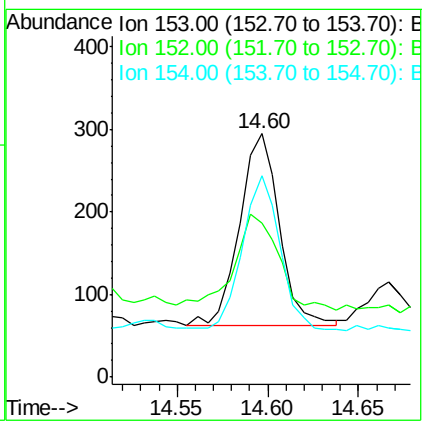
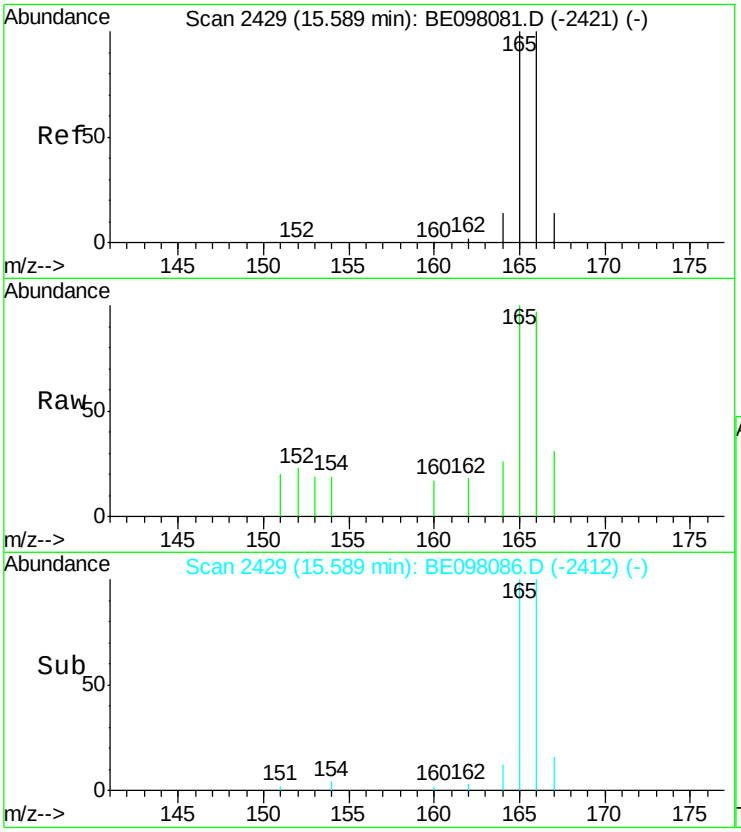


#8
Acenaphthene
Concen: 0.031 ng/ul
RT: 14.60 min Scan# 2260
Delta R.T. -0.00 min
Lab File: BE098086.D
Acq: 26 Oct 2018 13:03

Tgt Ion:153 Resp: 358

Ion	Ratio	Lower	Upper
153	100		
152	63.4	39.4	59.0#
154	82.7	70.5	105.7





#9
Fluorene
Concen: 0.029 ng/ul
RT: 15.59 min Scan# 2429
Delta R.T. -0.00 min
Lab File: BE098086.D
Acq: 26 Oct 2018 13:03

Tgt Ion:166 Resp: 405

Ion	Ratio	Lower	Upper
166	100		
165	103.4	80.2	120.4
167	32.4	12.0	18.0#

Instrument :
BNA_E
ClientSampleId :
C0AE3

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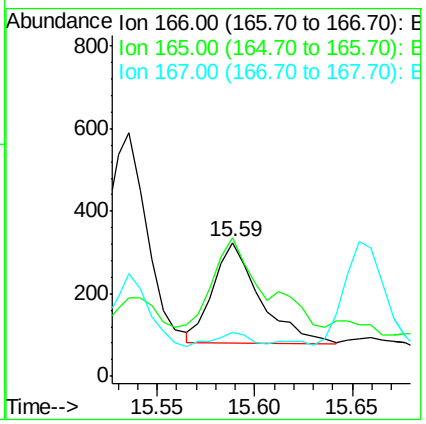
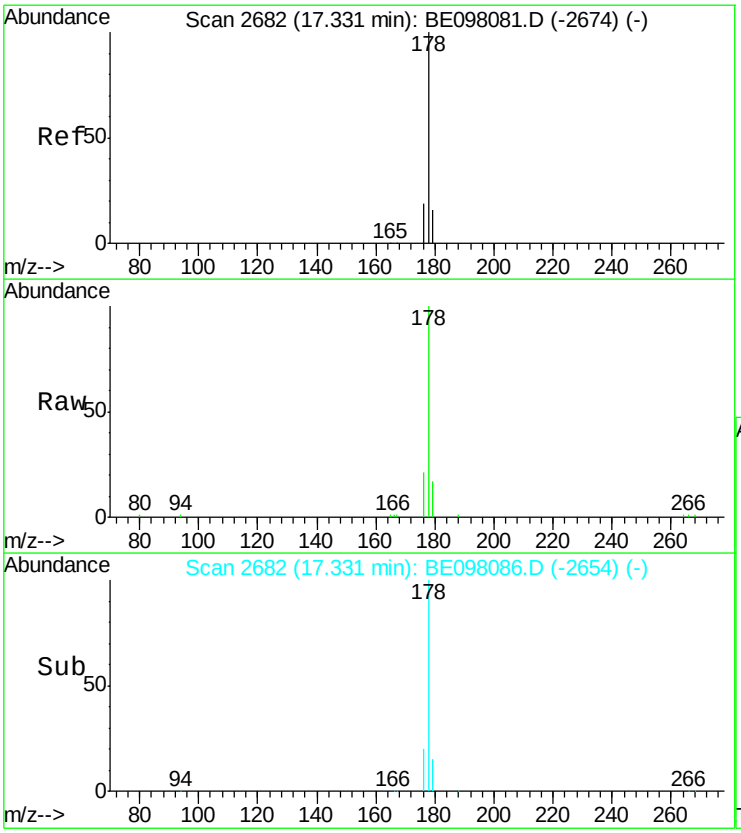
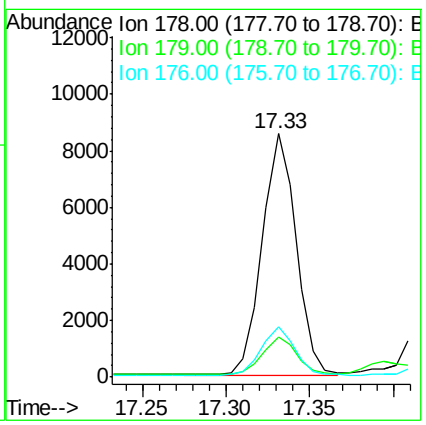


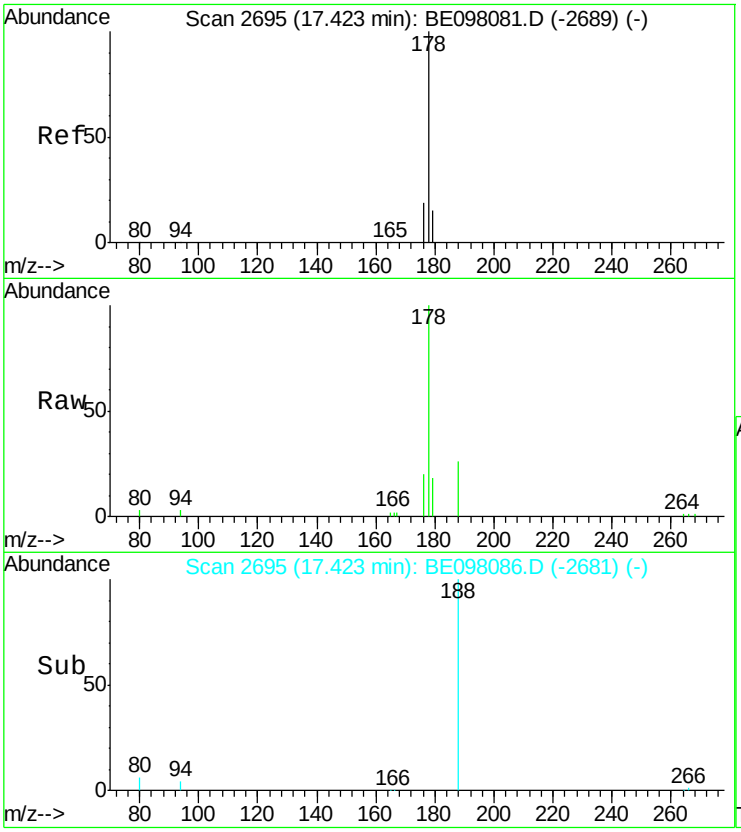


#12
Phenanthrene
Concen: 0.551 ng/ul m
RT: 17.33 min Scan# 2682
Delta R.T. 0.00 min
Lab File: BE098086.D
Acq: 26 Oct 2018 13:03

Tgt Ion:178 Resp: 12028

Ion	Ratio	Lower	Upper
178	100		
179	16.5	13.0	19.4
176	20.6	15.7	23.5

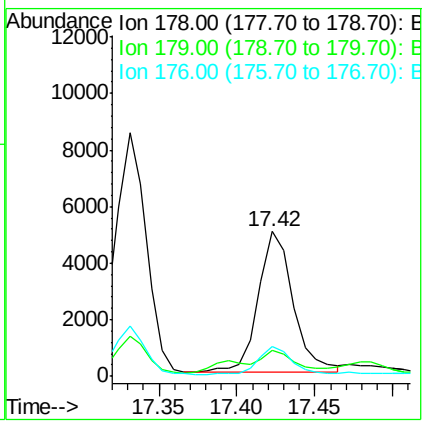




#13
Anthracene
Concen: 0.361 ng/ul m
RT: 17.42 min Scan# 2695
Delta R.T. -0.00 min
Lab File: BE098086.D
Acq: 26 Oct 2018 13:03

Tgt Ion:178 Resp: 7784

Ion	Ratio	Lower	Upper
178	100		
179	17.6	12.6	19.0
176	20.3	15.6	23.4



Instrument :
BNA_E
ClientSampleId :
C0AE3

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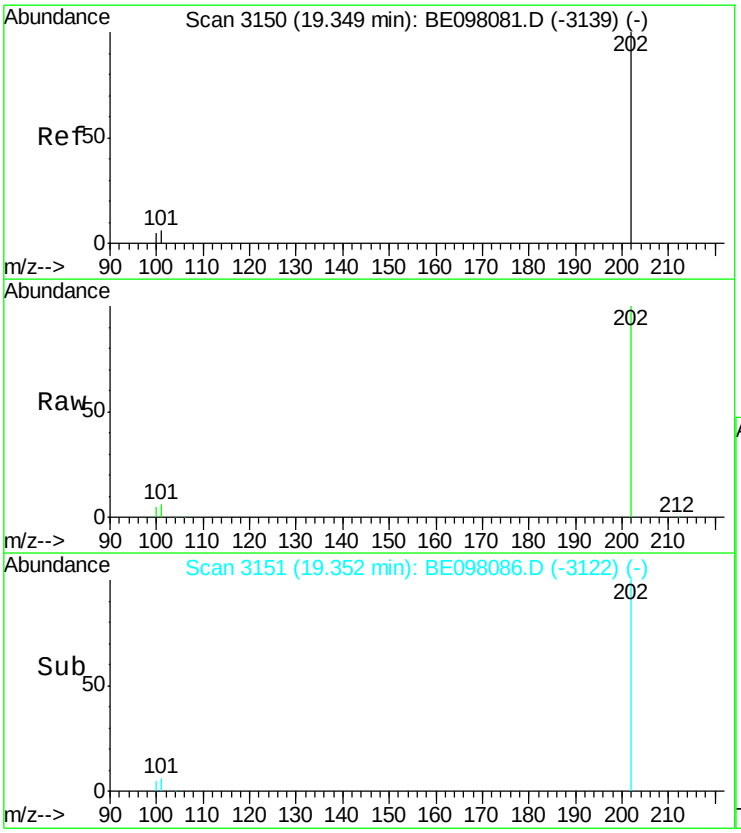
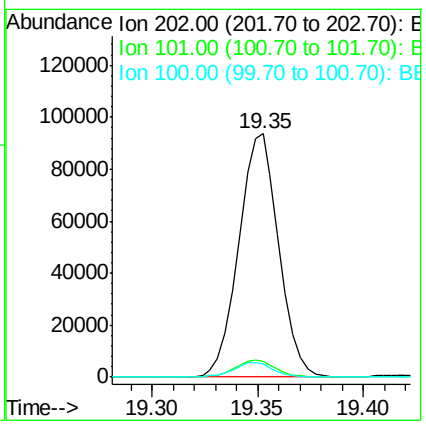
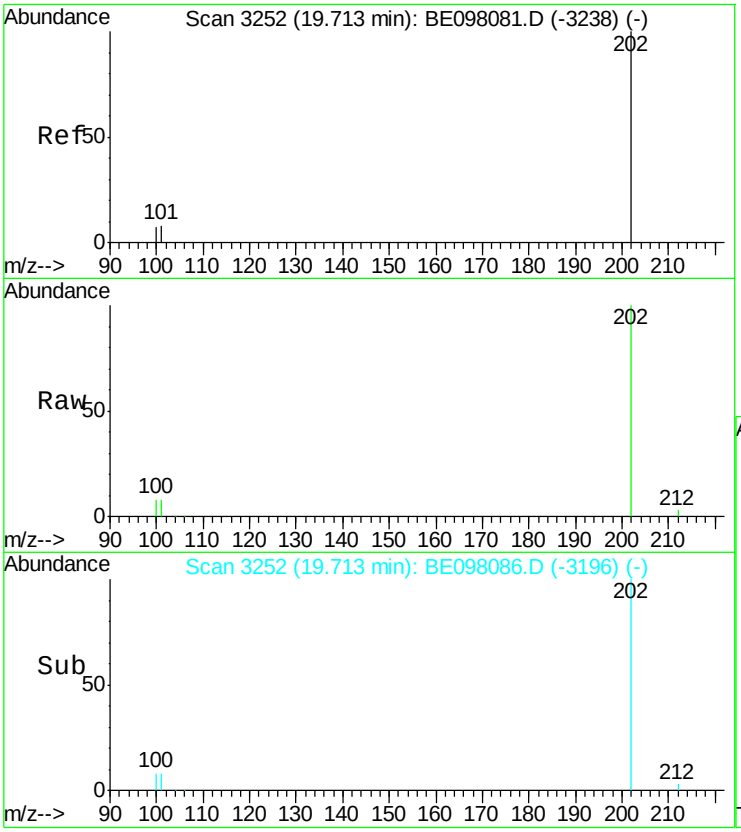


#15
Fluoranthene
Concen: 4.418 ng/ul m
RT: 19.35 min Scan# 3151
Delta R.T. 0.00 min
Lab File: BE098086.D
Acq: 26 Oct 2018 13:03

Tgt Ion:202 Resp: 123021

Ion	Ratio	Lower	Upper
202	100		
101	6.3	0.0	27.5
100	5.4	0.0	26.0

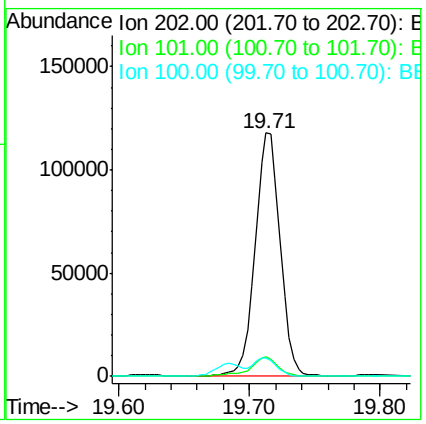




#17
Pyrene
Concen: 6.331 ng/ul
RT: 19.71 min Scan# 3252
Delta R.T. -0.00 min
Lab File: BE098086.D
Acq: 26 Oct 2018 13:03

Tgt Ion:202 Resp: 156598

Ion	Ratio	Lower	Upper
202	100		
101	8.0	6.9	10.3
100	7.6	6.0	9.0



Instrument :
BNA_E
ClientSampleId :
C0AE3

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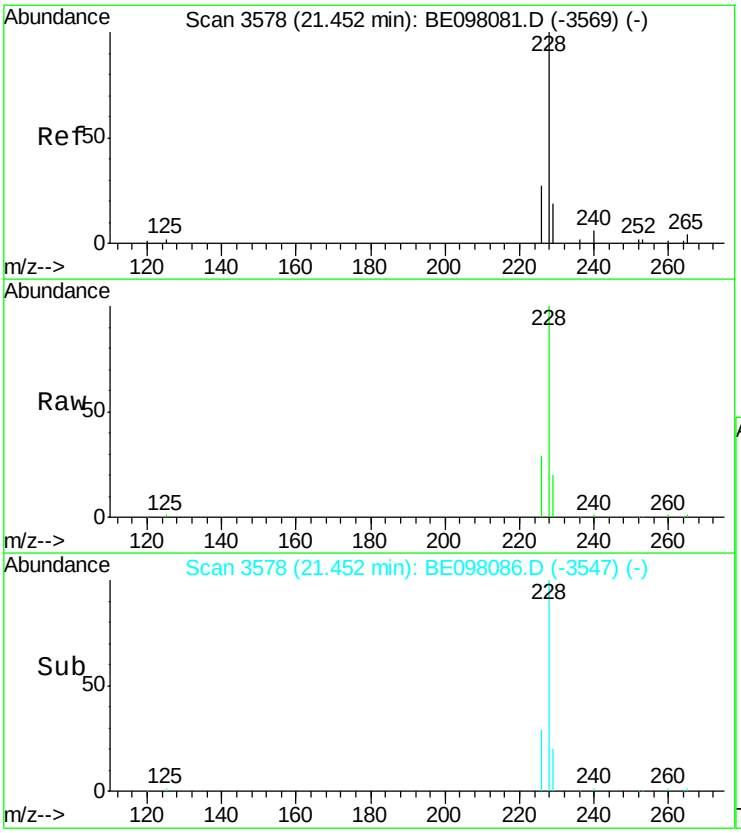
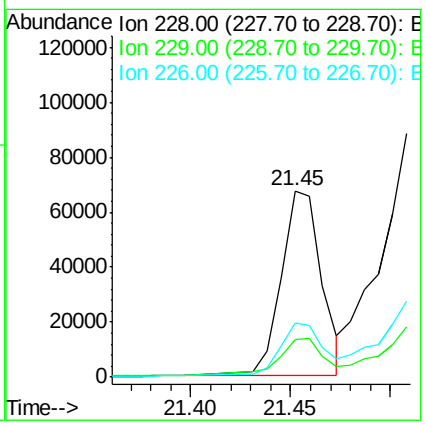
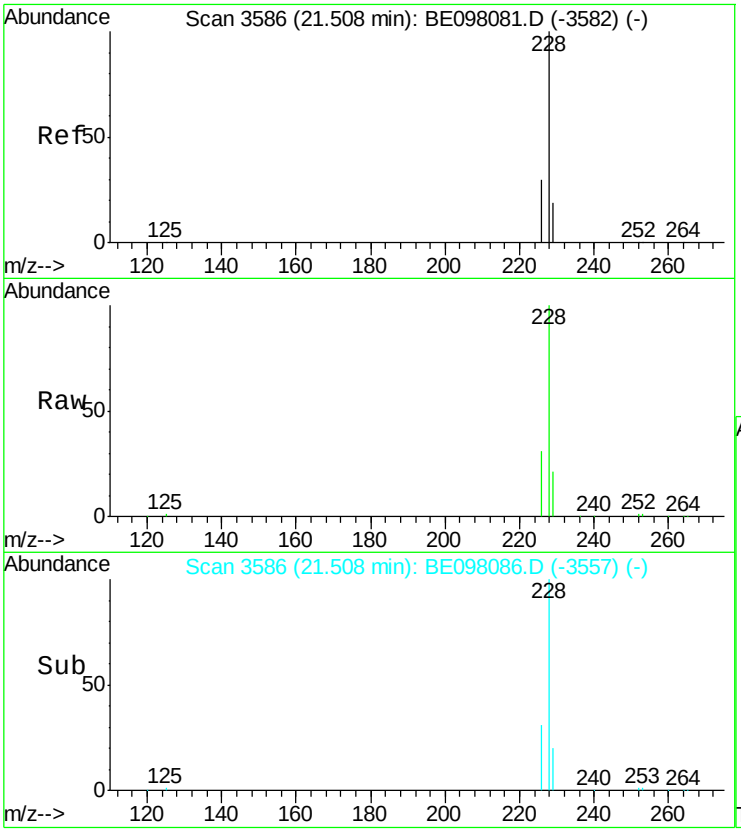


#18
Benzo(a)anthracene
Concen: 4.779 ng/ul m
RT: 21.45 min Scan# 3578
Delta R.T. -0.00 min
Lab File: BE098086.D
Acq: 26 Oct 2018 13:03

Tgt Ion:228 Resp: 148866

Ion	Ratio	Lower	Upper
228	100		
229	20.4	16.1	24.1
226	29.1	22.2	33.4

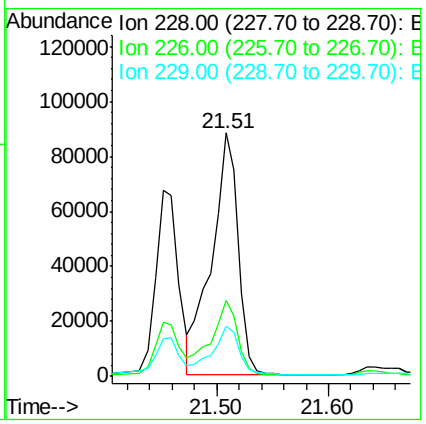




#19
Chrysene
Concen: 6.112 ng/ul
RT: 21.51 min Scan# 3586
Delta R.T. -0.00 min
Lab File: BE098086.D
Acq: 26 Oct 2018 13:03

Tgt Ion:228 Resp: 147280

Ion	Ratio	Lower	Upper
228	100		
226	31.2	24.6	37.0
229	20.7	16.4	24.6



Instrument :
BNA_E
ClientSampleId :
C0AE3

Manual Integrations APPROVED
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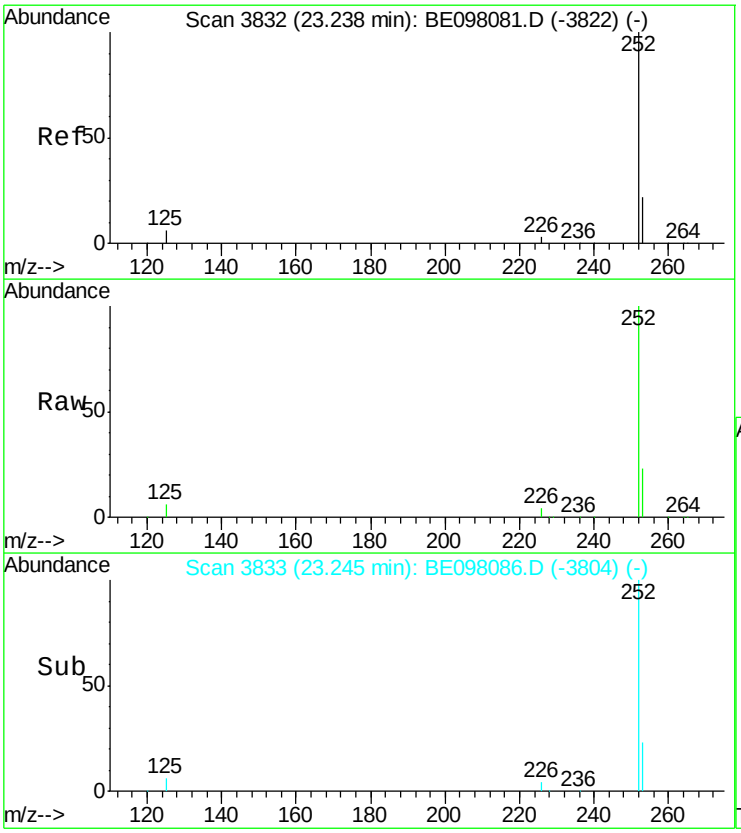
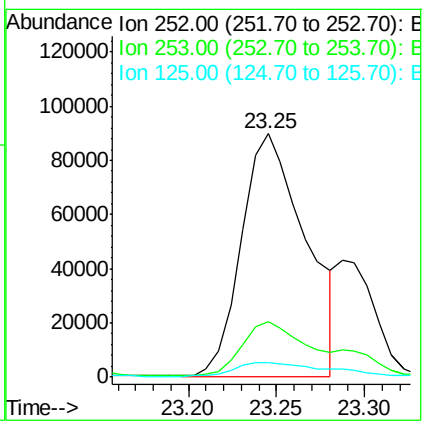
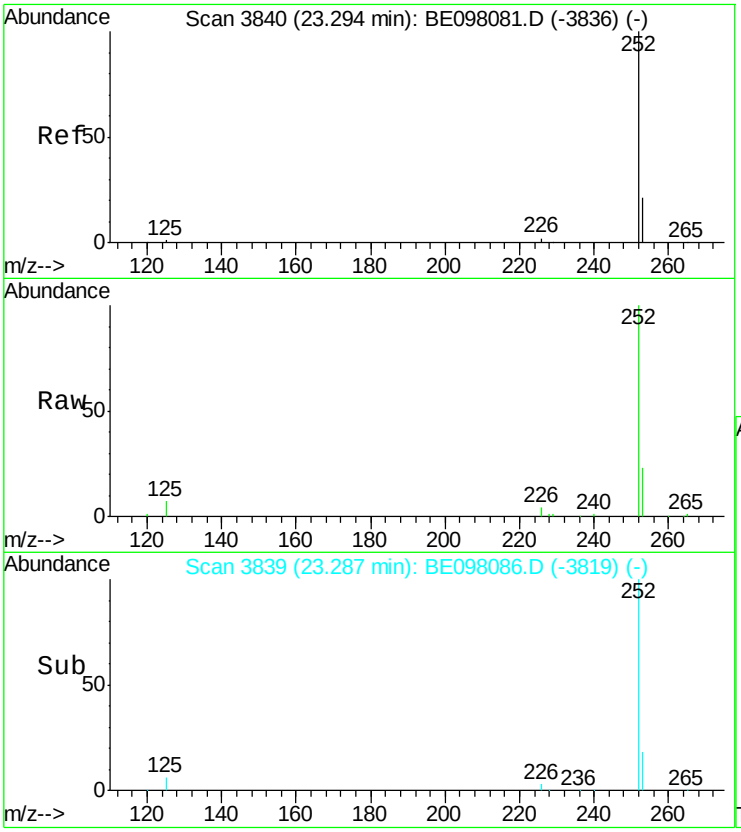


#21
Benzo(b)fluoranthene
Concen: 7.940 ng/ul m
RT: 23.25 min Scan# 3833
Delta R.T. 0.01 min
Lab File: BE098086.D
Acq: 26 Oct 2018 13:03

Tgt Ion:252 Resp: 228670

Ion	Ratio	Lower	Upper
252	100		
253	23.0	0.0	47.8
125	6.2	0.0	16.8





#22
Benzo(k)fluoranthene
Concen: 2.254 ng/ul m
RT: 23.29 min Scan# 3839
Delta R.T. -0.01 min
Lab File: BE098086.D
Acq: 26 Oct 2018 13:03

Tgt Ion:252 Resp: 63550

Ion	Ratio	Lower	Upper
252	100		
253	23.1	19.3	28.9
125	6.6	6.2	9.2

Instrument :
BNA_E
ClientSampleId :
C0AE3

Manual Integrations APPROVED
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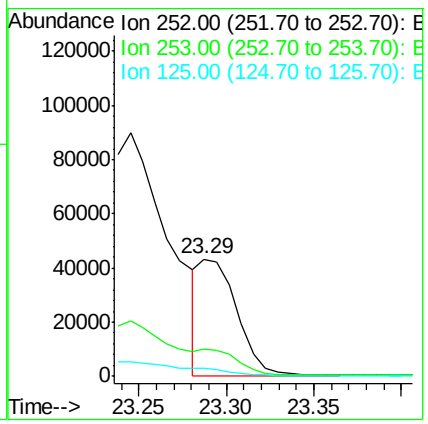
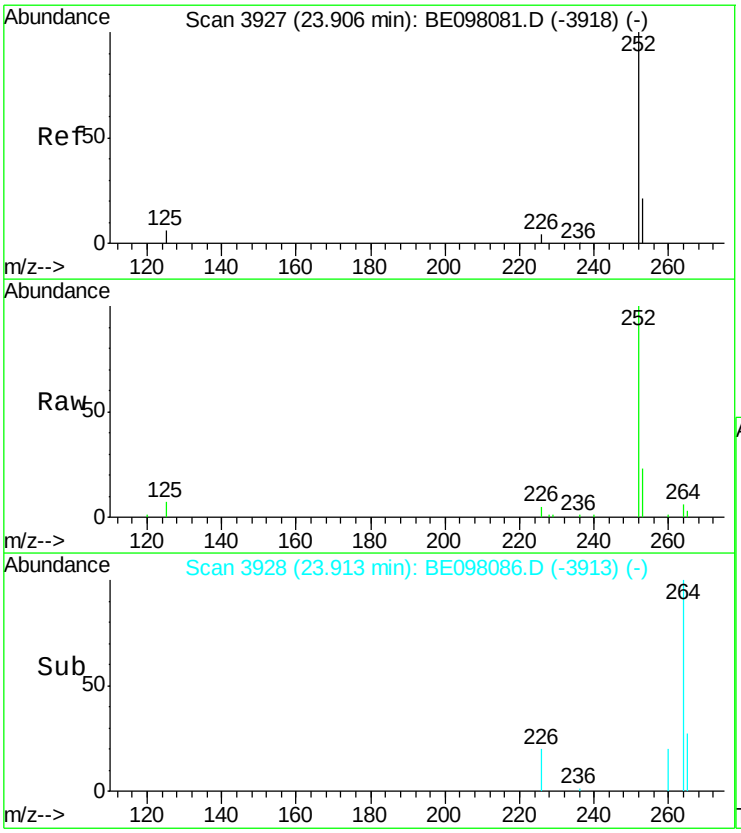
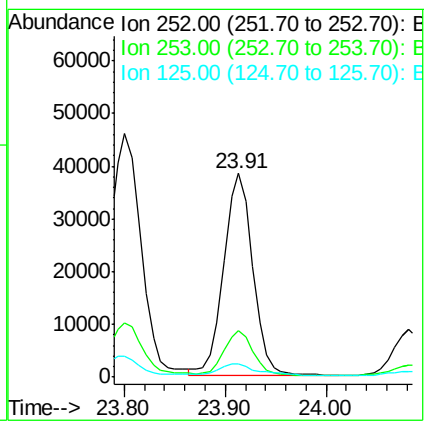


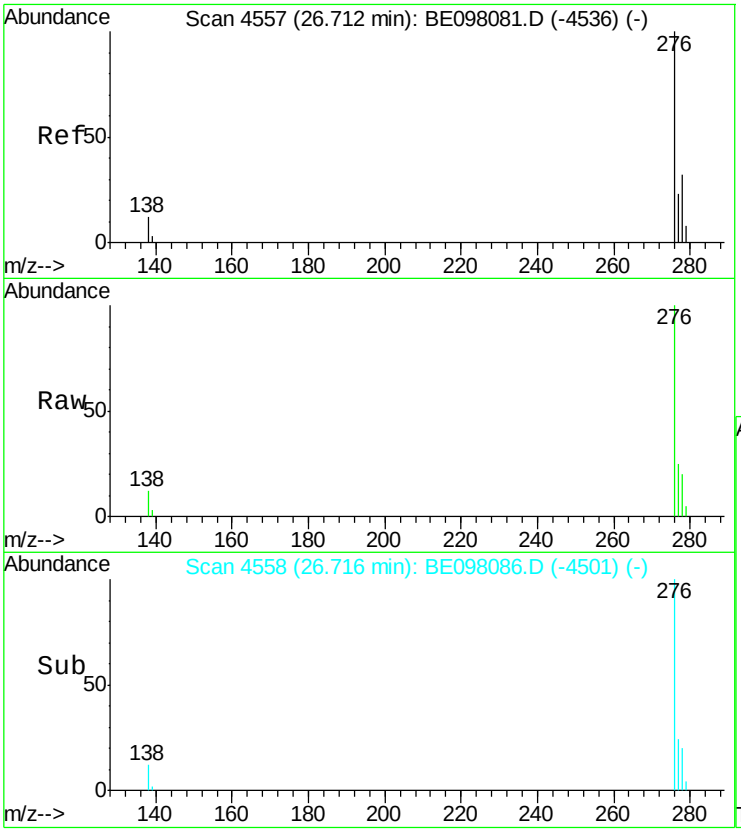


#23
Benzo(a)pyrene
Concen: 2.745 ng/ul
RT: 23.91 min Scan# 3928
Delta R.T. 0.01 min
Lab File: BE098086.D
Acq: 26 Oct 2018 13:03

Tgt Ion:252 Resp: 76024

Ion	Ratio	Lower	Upper
252	100		
253	22.7	19.4	29.2
125	6.7	7.8	11.8#





#24
Indeno(1,2,3-cd)pyrene
Concen: 1.957 ng/ul
RT: 26.72 min Scan# 4558
Delta R.T. 0.00 min
Lab File: BE098086.D
Acq: 26 Oct 2018 13:03

Tgt Ion:276 Resp: 62098

Ion	Ratio	Lower	Upper
276	100		
138	11.7	11.8	17.8#
227	0.0	0.0	0.0

Instrument :
BNA_E
ClientSampleId :
C0AE3

Manual Integrations APPROVED
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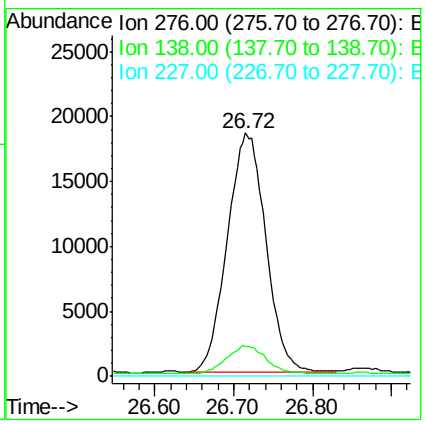
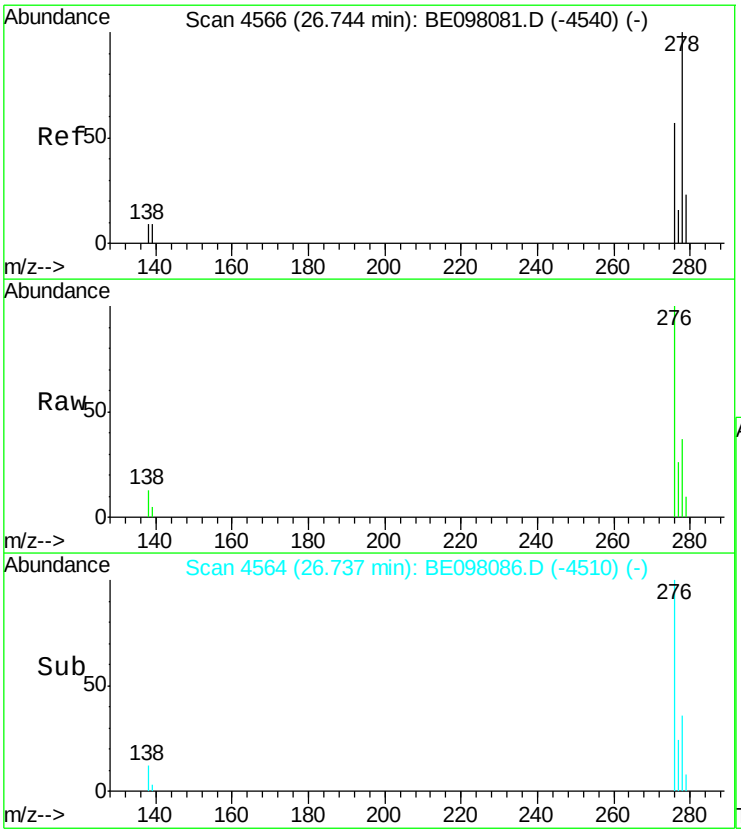
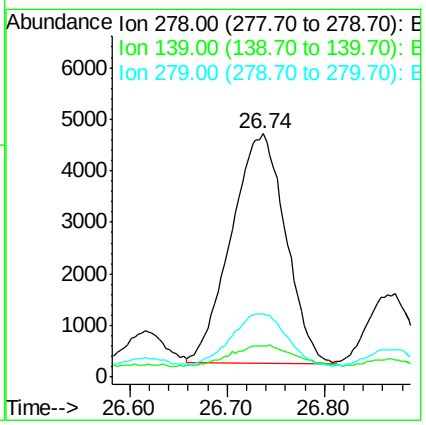


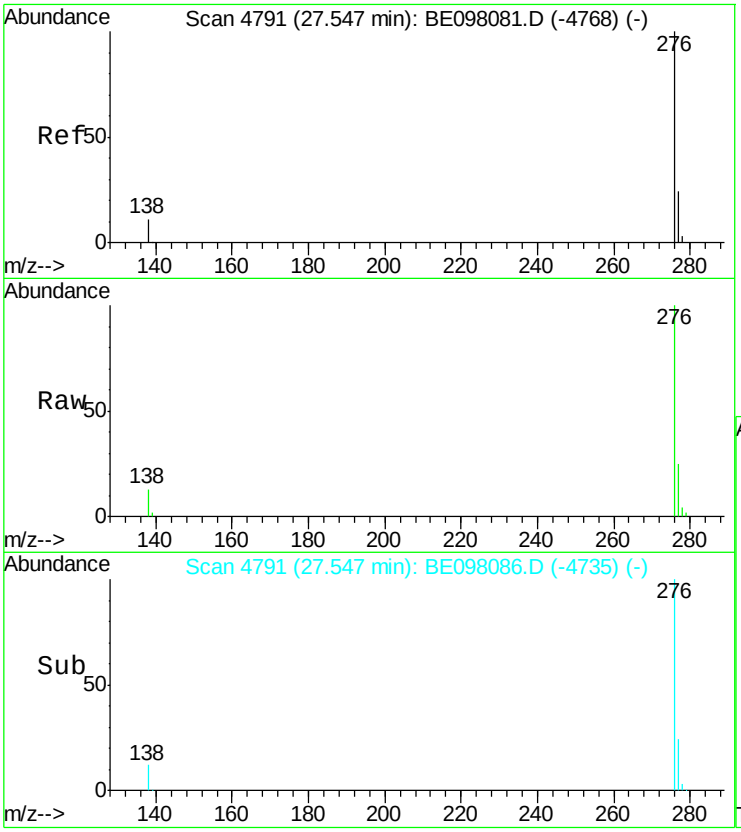


#25
Dibenzo(a,h)anthracene
Concen: 0.656 ng/ul
RT: 26.74 min Scan# 4564
Delta R.T. -0.01 min
Lab File: BE098086.D
Acq: 26 Oct 2018 13:03

Tgt Ion:278 Resp: 17343

Ion	Ratio	Lower	Upper
278	100		
139	12.5	10.0	15.0
279	26.2	20.3	30.5

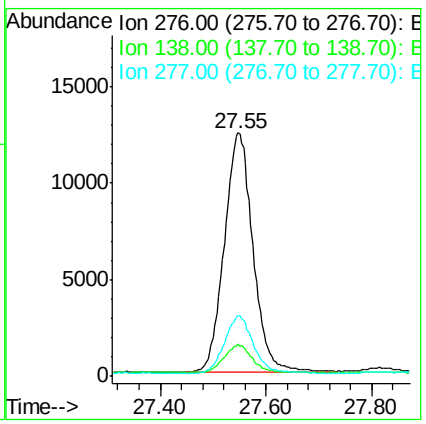




#26
Benzo(g,h,i)perylene
Concen: 1.733 ng/ul
RT: 27.55 min Scan# 4791
Delta R.T. -0.00 min
Lab File: BE098086.D
Acq: 26 Oct 2018 13:03

Tgt Ion:276 Resp: 46313

Ion	Ratio	Lower	Upper
276	100		
138	13.1	11.6	17.4
277	25.0	20.8	31.2



Instrument :
BNA_E
ClientSampleId :
C0AE3

Manual Integrations APPROVED
Sohil
10/29/2018 3:09:19 PM