Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE102618\
Data File : BE098089.D
Acq On : 26 Oct 2018 14:54
Operator : SJ/JU
Sample : J5598-13
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Oct 27 00:21:41 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 :
C0AD7

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	1049	0.40	ng/ul	0.00
2) Naphthalene-d8	10.68	136	5342	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.53	164	3805	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.29	188	9046m	0.40	ng/ul	0.00
16) Chrysene-d12	21.47	240	10017m	0.40	ng/ul	0.00
20) Perylene-d12	24.03	264	10319m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.27	152	1700	0.18	ng/ul	0.00
14) Fluoranthene-d10	19.32	212	5599m	0.19	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.72	128	1473	0.115	ng/ul#	90
5) 2-Methylnaphthalene	12.34	142	422	0.044	ng/ul	98
7) Acenaphthylene	14.26	152	11809	0.787	ng/ul	97
8) Acenaphthene	14.60	153	974	0.087	ng/ul	93
9) Fluorene	15.59	166	1403	0.104	ng/ul#	98
12) Phenanthrene	17.33	178	49089m	2.351	ng/ul	
13) Anthracene	17.42	178	10332m	0.501	ng/ul	
15) Fluoranthene	19.35	202	342803m	12.878	ng/ul	
17) Pyrene	19.71	202	307011	13.126	ng/ul	98
18) Benzo(a)anthracene	21.45	228	232027m	7.878	ng/ul	
19) Chrysene	21.51	228	215320	9.451	ng/ul	99
21) Benzo(b)fluoranthene	23.25	252	318956m	11.156	ng/ul	
22) Benzo(k)fluoranthene	23.29	252	87975m	3.144	ng/ul	
23) Benzo(a)pyrene	23.91	252	118778m	4.320	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.72	276	95887m	3.043	ng/ul	
25) Dibenzo(a,h)anthracene	26.73	278	25270m	0.962	ng/ul	
26) Benzo(g,h,i)perylene	27.55	276	69905m	2.635	ng/ul	

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

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Manual Integrations APPROVED
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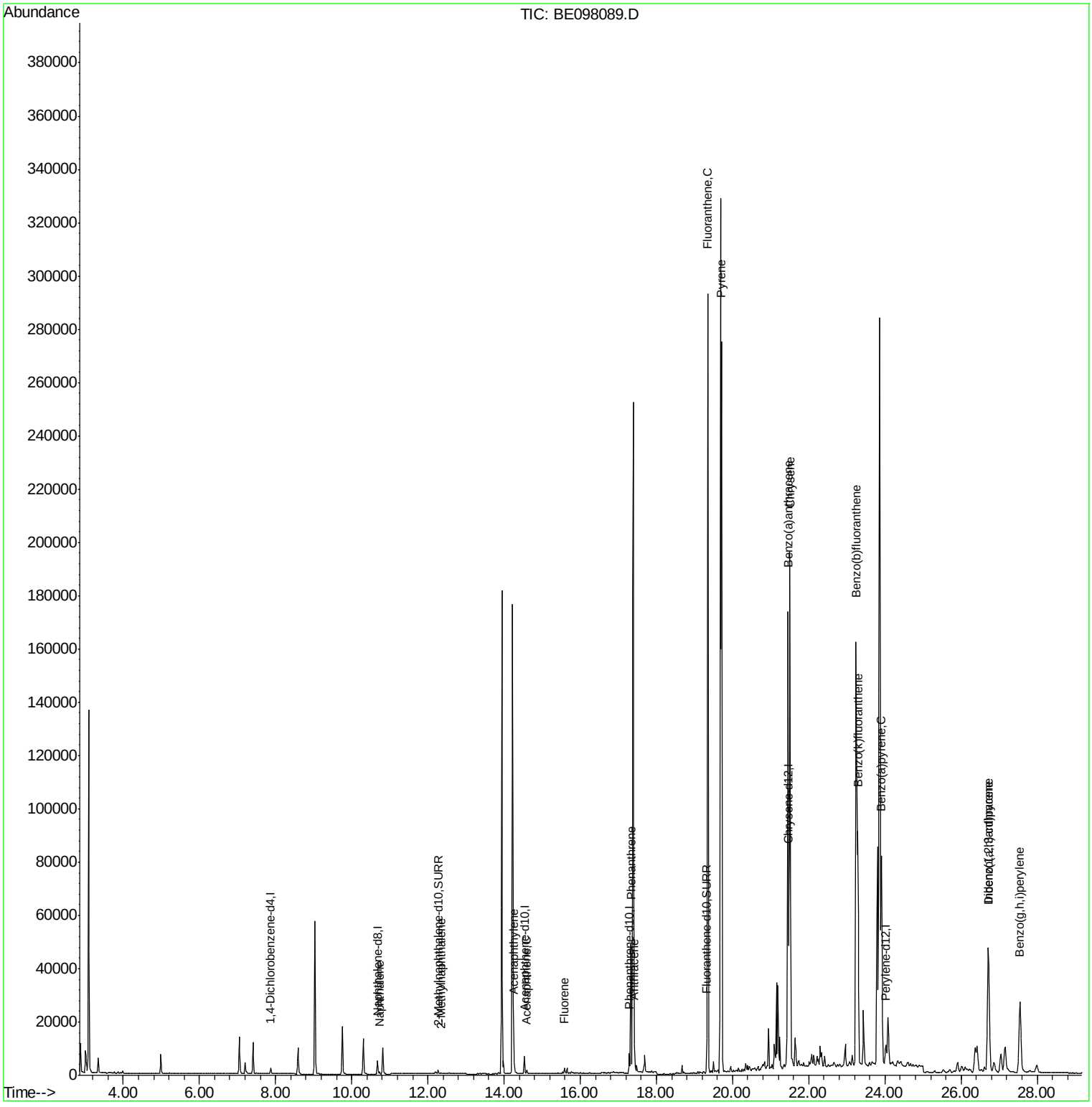

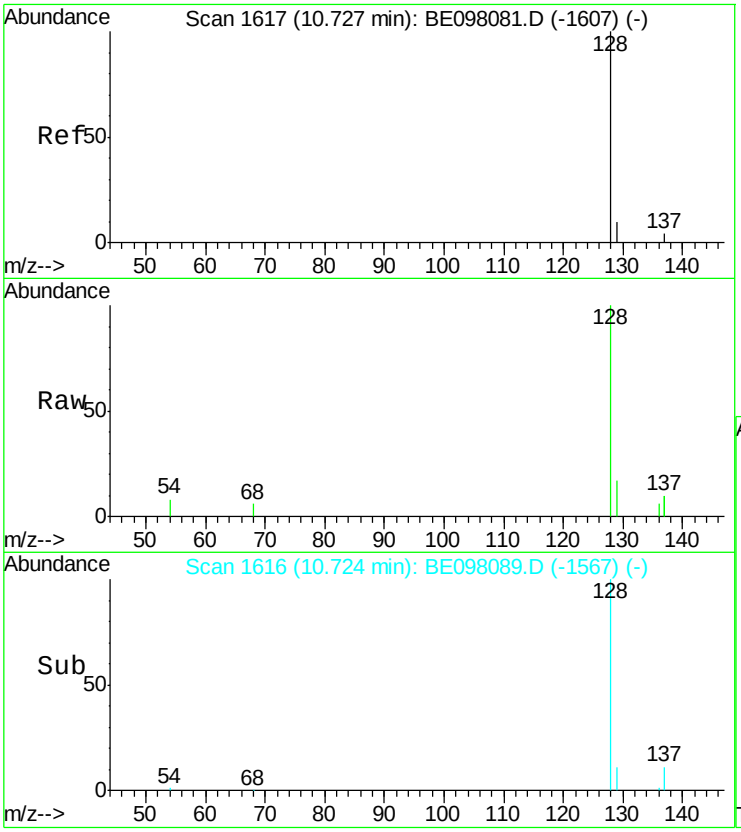

#3
Naphthalene
Concen: 0.115 ng/ul
RT: 10.72 min Scan# 1616
Delta R.T. -0.00 min
Lab File: BE098089.D
Acq: 26 Oct 2018 14:54

Tgt Ion:128 Resp: 1473

Ion	Ratio	Lower	Upper
128	100		
129	17.1	10.5	15.7#
127	0.0	0.0	0.0

Instrument :
BNA_E
ClientSampleId :
C0AD7

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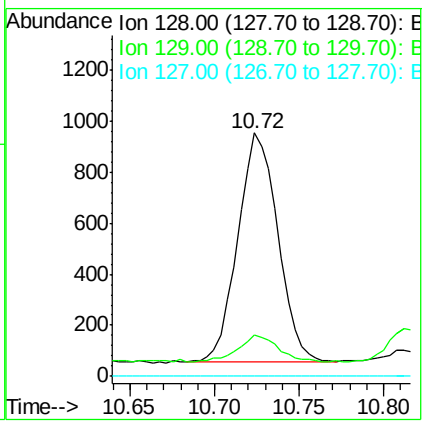
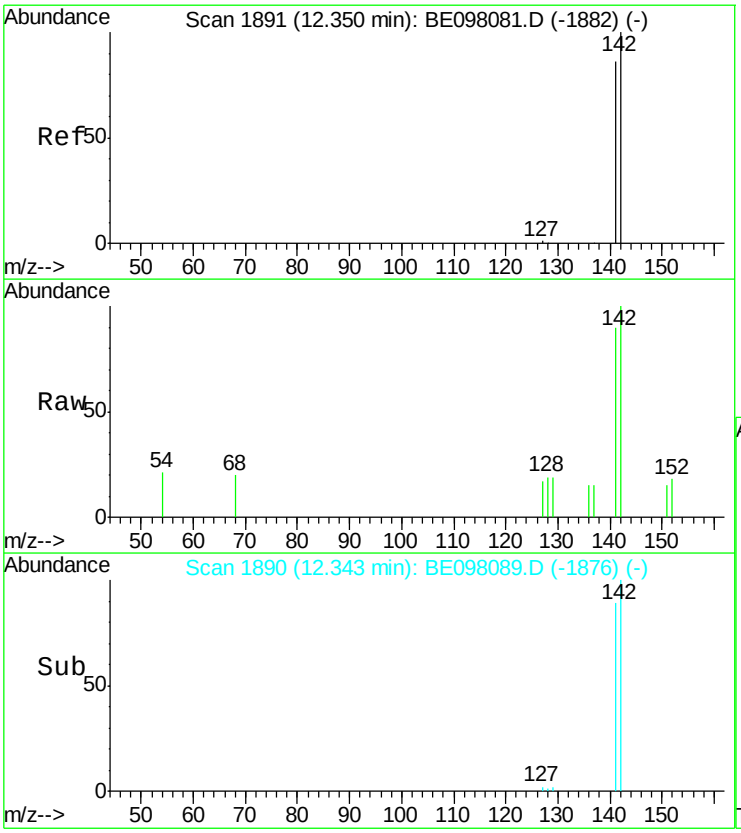
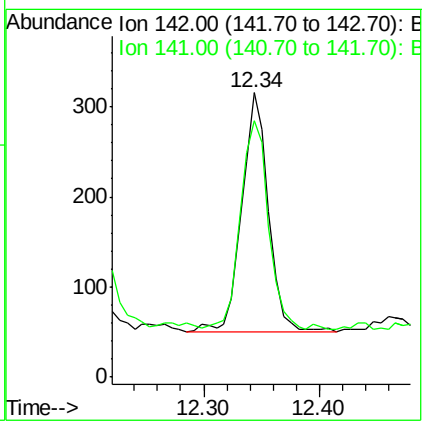


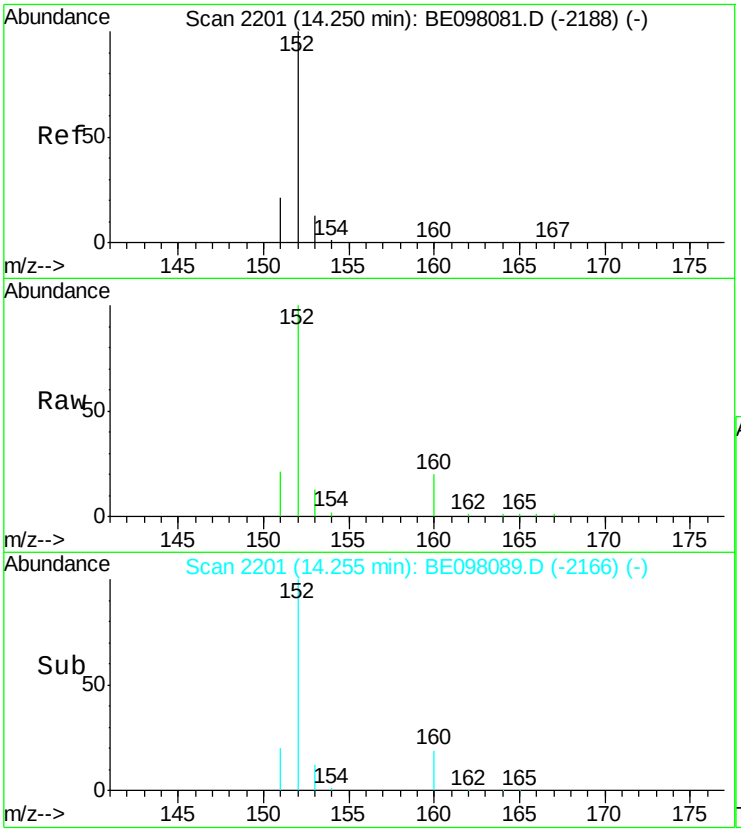


#5
2-Methylnaphthalene
Concen: 0.044 ng/ul
RT: 12.34 min Scan# 1890
Delta R.T. -0.01 min
Lab File: BE098089.D
Acq: 26 Oct 2018 14:54

Tgt Ion:142 Resp: 422

Ion	Ratio	Lower	Upper
142	100		
141	92.9	72.5	108.7

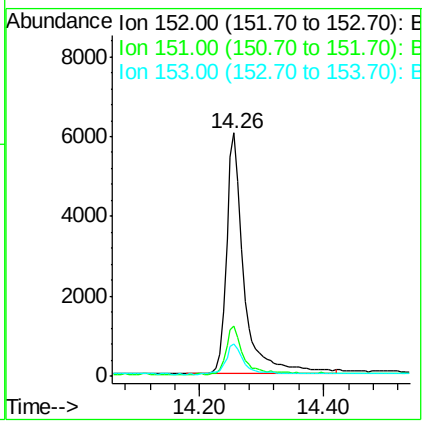




#7
Acenaphthylene
Concen: 0.787 ng/ul
RT: 14.26 min Scan# 2201
Delta R.T. 0.01 min
Lab File: BE098089.D
Acq: 26 Oct 2018 14:54

Tgt Ion:152 Resp: 11809

Ion	Ratio	Lower	Upper
152	100		
151	20.5	17.3	25.9
153	13.2	11.9	17.9



Instrument :
BNA_E
ClientSampleId :
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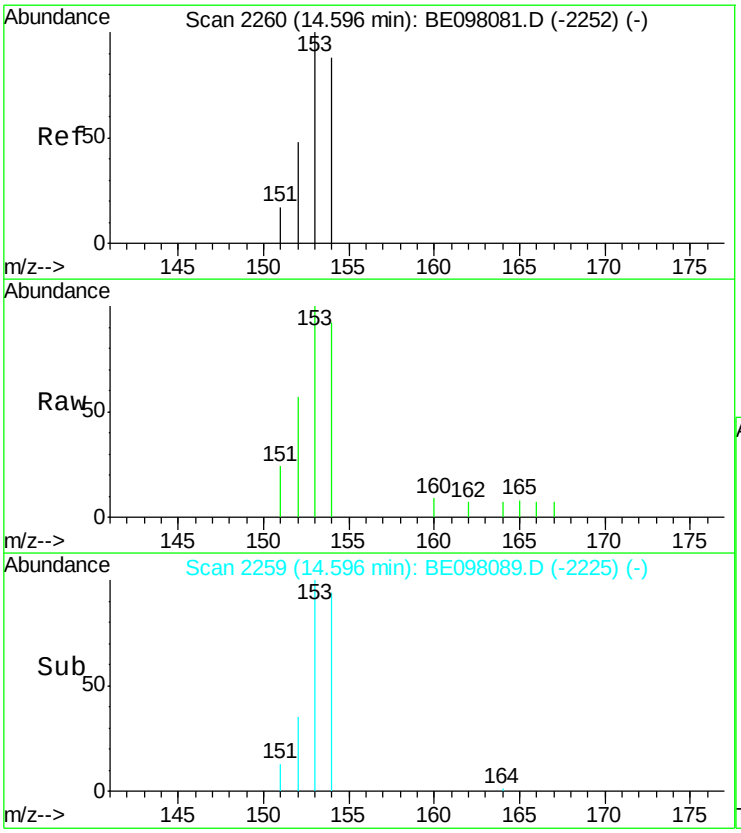
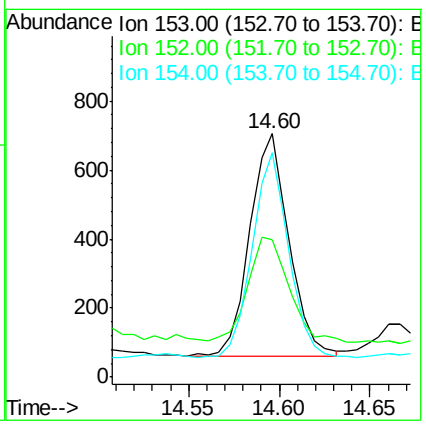
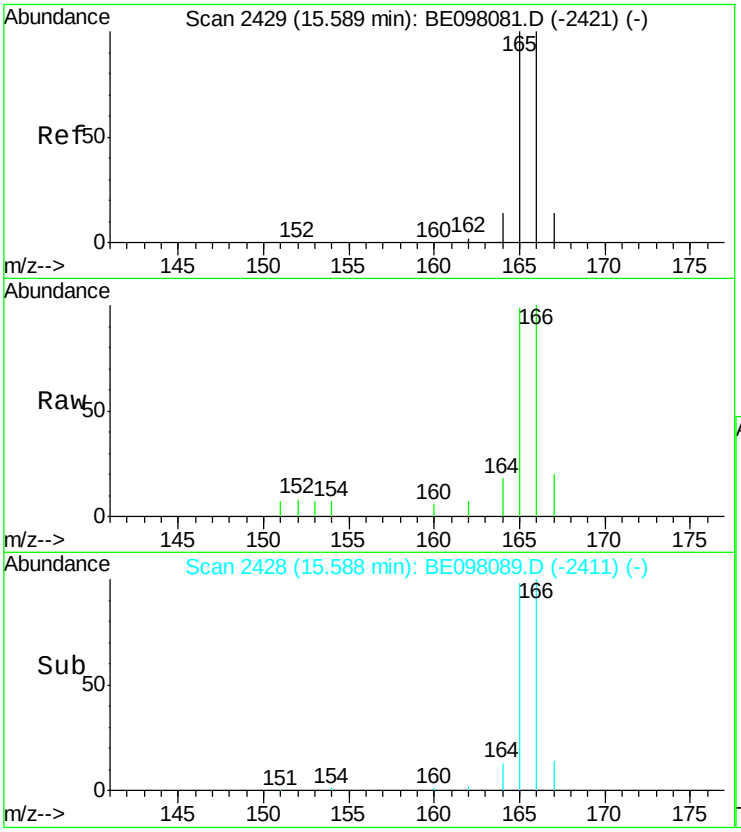


#8
Acenaphthene
Concen: 0.087 ng/ul
RT: 14.60 min Scan# 2259
Delta R.T. -0.00 min
Lab File: BE098089.D
Acq: 26 Oct 2018 14:54

Tgt Ion:153 Resp: 974

Ion	Ratio	Lower	Upper
153	100		
152	56.5	39.4	59.0
154	92.2	70.5	105.7





#9
Fluorene
Concen: 0.104 ng/ul
RT: 15.59 min Scan# 2428
Delta R.T. -0.00 min
Lab File: BE098089.D
Acq: 26 Oct 2018 14:54

Tgt Ion:166 Resp: 1403

Ion	Ratio	Lower	Upper
166	100		
165	99.4	80.2	120.4
167	19.9	12.0	18.0#

Instrument :
BNA_E
ClientSampleId :
C0AD7

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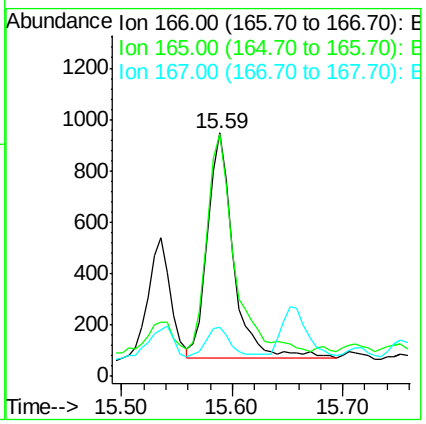
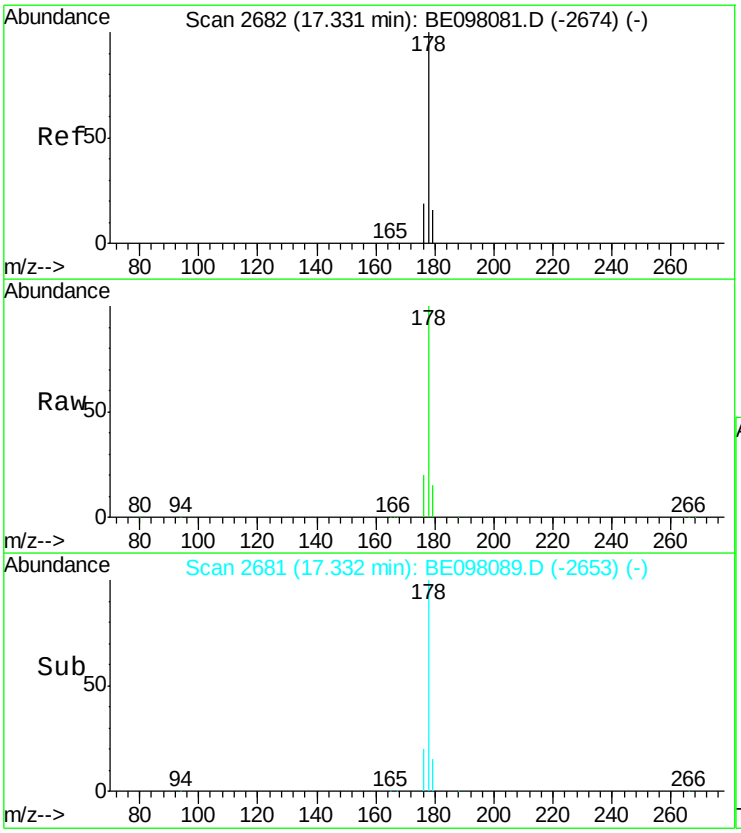
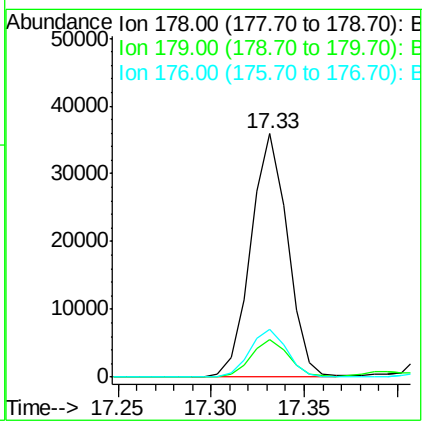


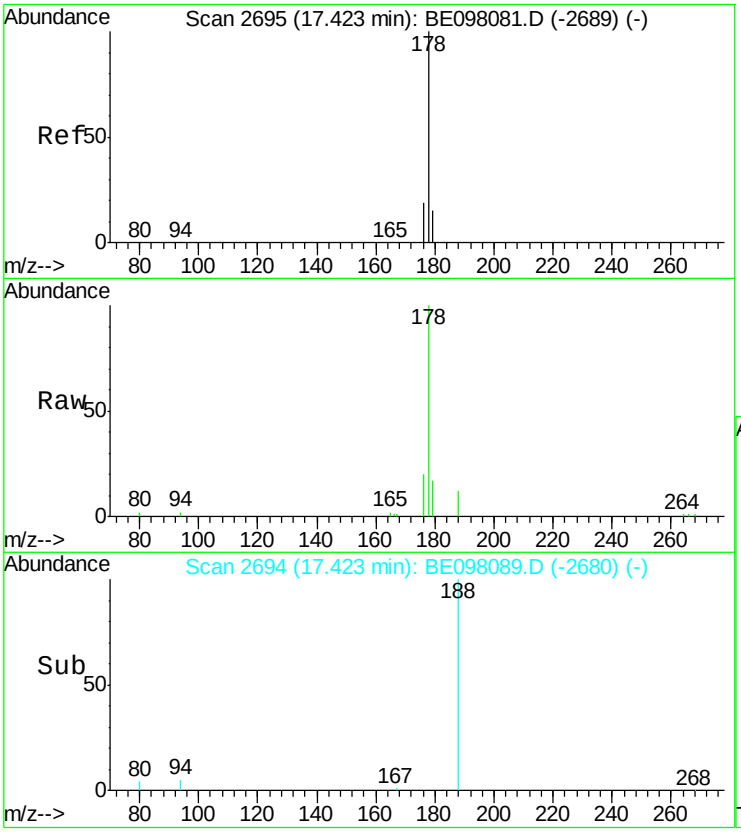


#12
Phenanthrene
Concen: 2.351 ng/ul m
RT: 17.33 min Scan# 2681
Delta R.T. 0.00 min
Lab File: BE098089.D
Acq: 26 Oct 2018 14:54

Tgt Ion:178 Resp: 49089

Ion	Ratio	Lower	Upper
178	100		
179	15.3	13.0	19.4
176	19.8	15.7	23.5

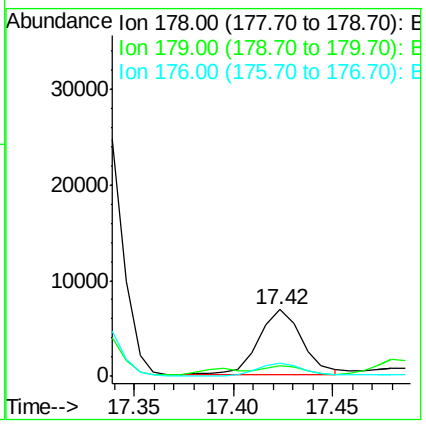




#13
Anthracene
Concen: 0.501 ng/ul m
RT: 17.42 min Scan# 2694
Delta R.T. 0.00 min
Lab File: BE098089.D
Acq: 26 Oct 2018 14:54

Tgt Ion:178 Resp: 10332

Ion	Ratio	Lower	Upper
178	100		
179	16.8	12.6	19.0
176	20.4	15.6	23.4



Instrument :
BNA_E
ClientSampleId :
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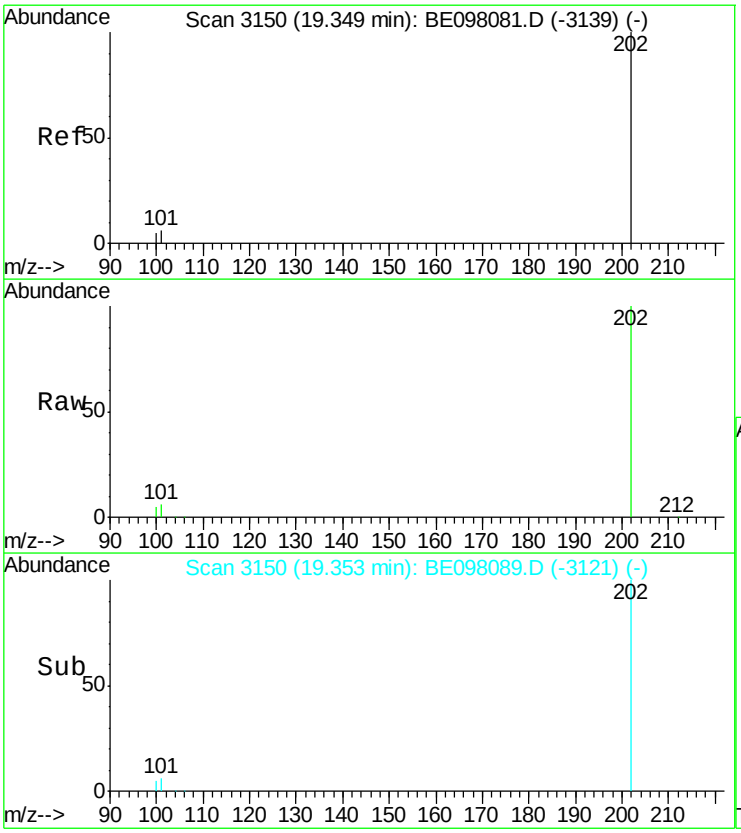
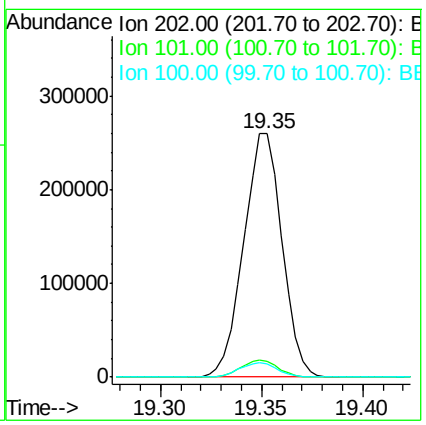
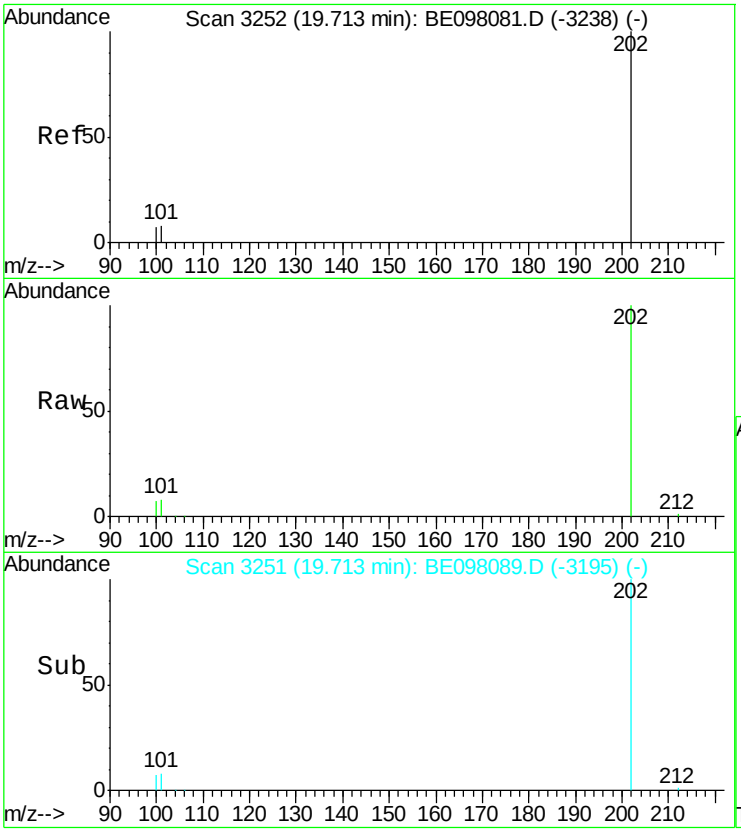


#15
Fluoranthene
Concen: 12.878 ng/ul m
RT: 19.35 min Scan# 3150
Delta R.T. 0.00 min
Lab File: BE098089.D
Acq: 26 Oct 2018 14:54

Tgt Ion:202 Resp: 342803

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

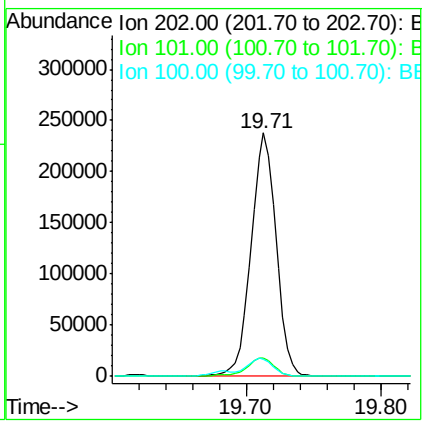




#17
Pyrene
Concen: 13.126 ng/ul
RT: 19.71 min Scan# 3251
Delta R.T. 0.00 min
Lab File: BE098089.D
Acq: 26 Oct 2018 14:54

Tgt Ion:202 Resp: 307011

Ion	Ratio	Lower	Upper
202	100		
101	7.6	6.9	10.3
100	7.1	6.0	9.0



Instrument :
BNA_E
ClientSampleId :
C0AD7

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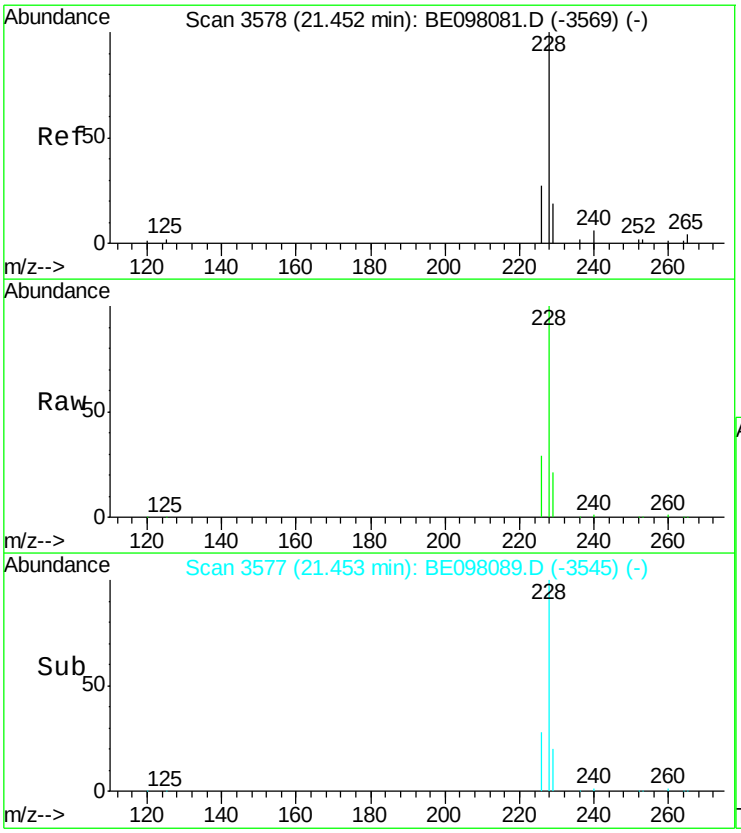
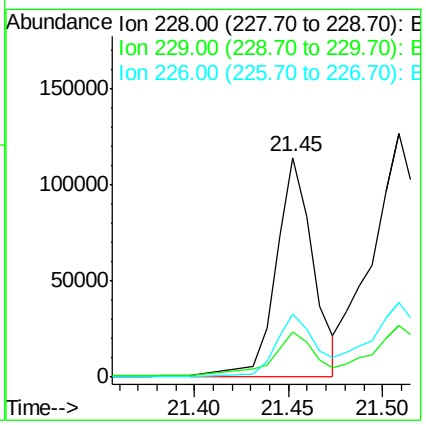
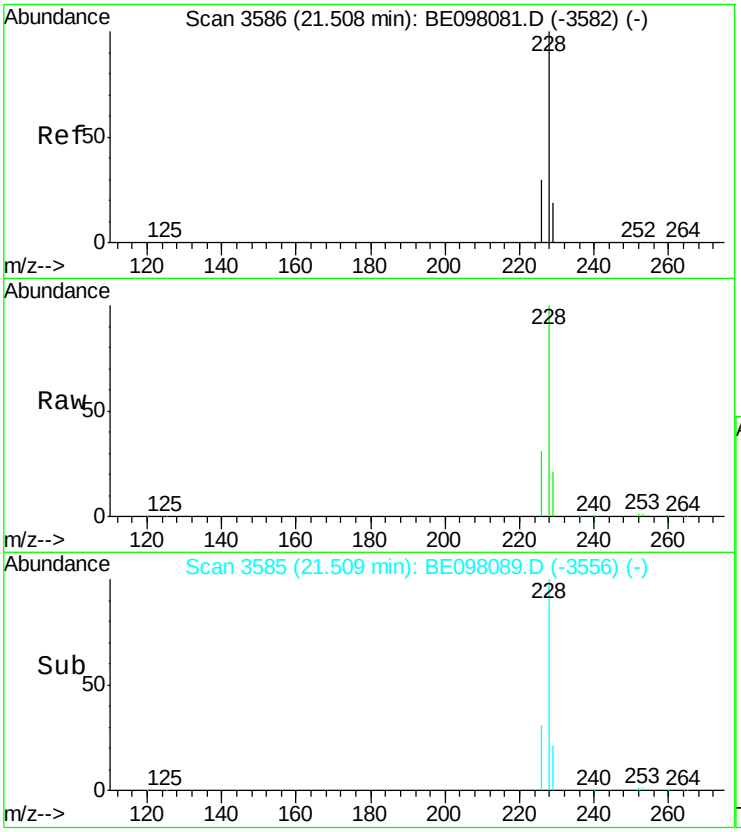


#18
Benzo(a)anthracene
Concen: 7.878 ng/ul m
RT: 21.45 min Scan# 3577
Delta R.T. 0.00 min
Lab File: BE098089.D
Acq: 26 Oct 2018 14:54

Tgt Ion:228 Resp: 232027

Ion	Ratio	Lower	Upper
228	100		
229	20.8	16.1	24.1
226	28.7	22.2	33.4





#19
Chrysene
Concen: 9.451 ng/ul
RT: 21.51 min Scan# 3585
Delta R.T. 0.00 min
Lab File: BE098089.D
Acq: 26 Oct 2018 14:54

Tgt Ion:228 Resp: 215320

Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.6	37.0
229	21.0	16.4	24.6

Instrument :
BNA_E
ClientSampleId :
C0AD7

Manual Integrations APPROVED
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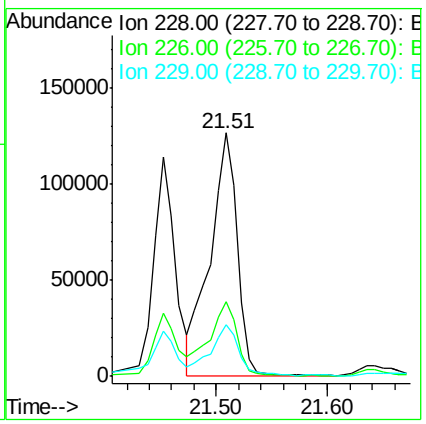
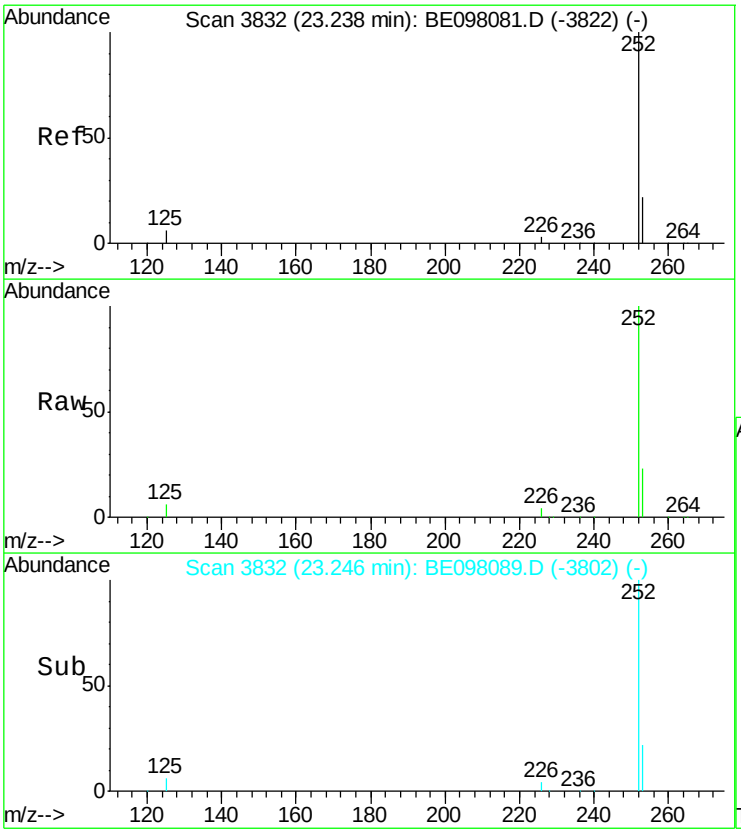
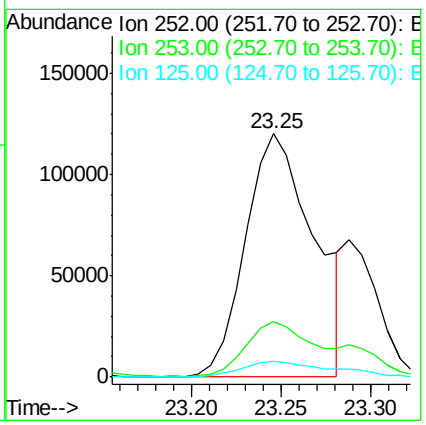


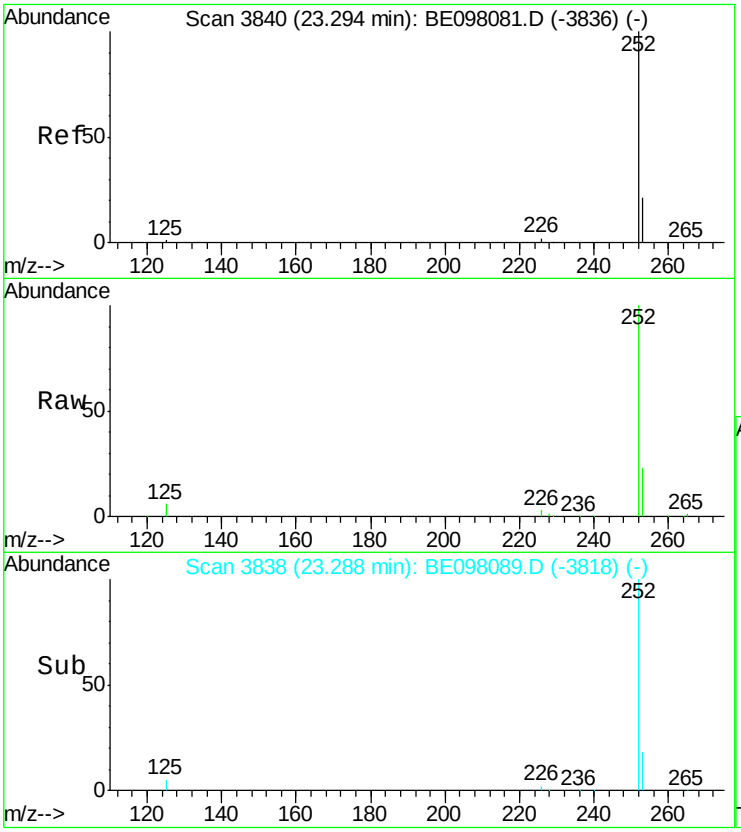


#21
Benzo(b)fluoranthene
Concen: 11.156 ng/ul m
RT: 23.25 min Scan# 3832
Delta R.T. 0.01 min
Lab File: BE098089.D
Acq: 26 Oct 2018 14:54

Tgt Ion:252 Resp: 318956

Ion	Ratio	Lower	Upper
252	100		
253	22.7	0.0	47.8
125	6.2	0.0	16.8





#22
Benzo(k)fluoranthene
Concen: 3.144 ng/ul m
RT: 23.29 min Scan# 3838
Delta R.T. -0.01 min
Lab File: BE098089.D
Acq: 26 Oct 2018 14:54

Tgt Ion:252 Resp: 87975

Ion	Ratio	Lower	Upper
252	100		
253	23.4	19.3	28.9
125	5.8	6.2	9.2#

Instrument :
BNA_E
ClientSampleId :
C0AD7

Manual Integrations APPROVED
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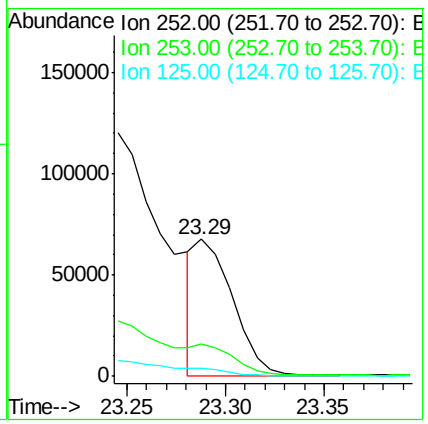
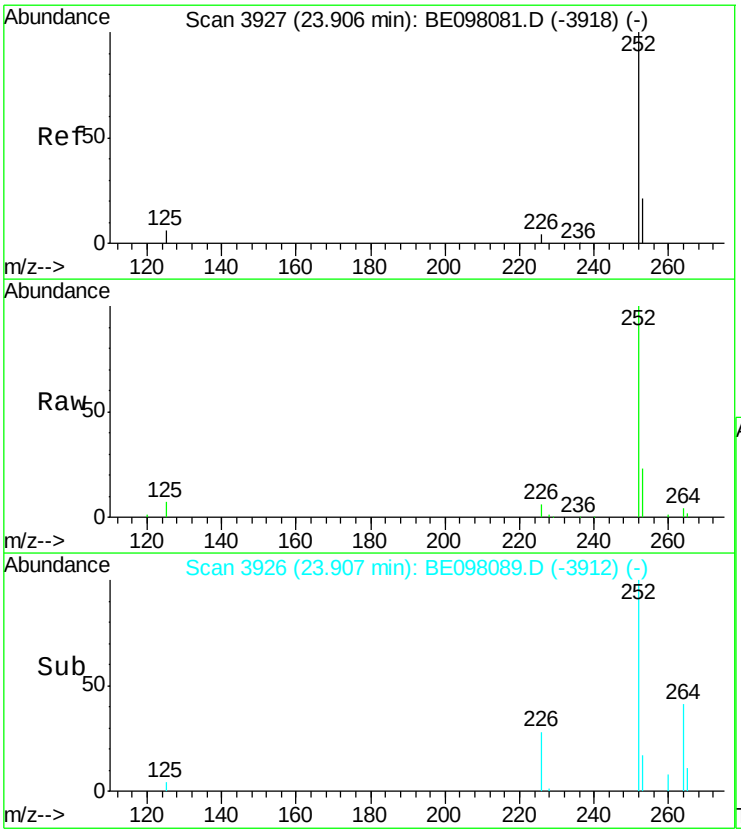
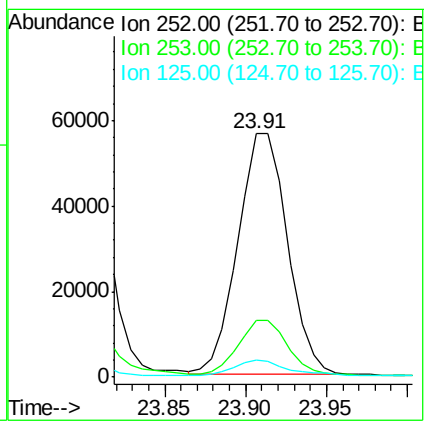


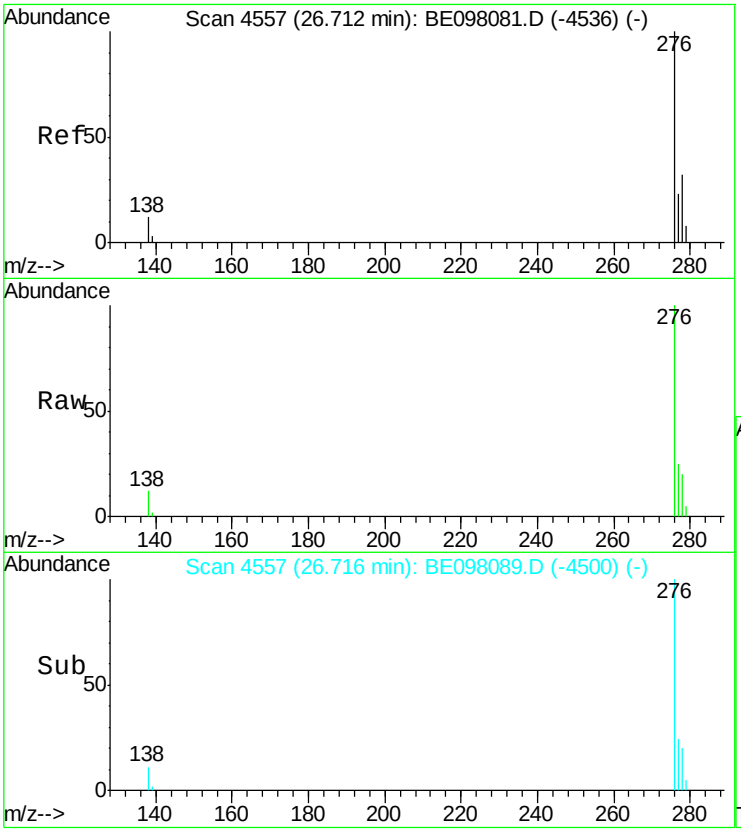


#23
Benzo(a)pyrene
Concen: 4.320 ng/ul m
RT: 23.91 min Scan# 3926
Delta R.T. 0.00 min
Lab File: BE098089.D
Acq: 26 Oct 2018 14:54

Tgt Ion:252 Resp: 118778

Ion	Ratio	Lower	Upper
252	100		
253	23.1	19.4	29.2
125	6.9	7.8	11.8#

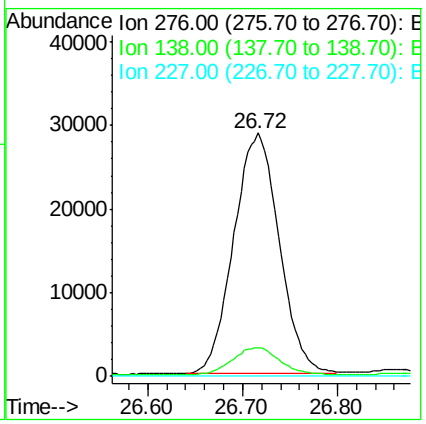




#24
Indeno(1,2,3-cd)pyrene
Concen: 3.043 ng/ul m
RT: 26.72 min Scan# 4557
Delta R.T. 0.00 min
Lab File: BE098089.D
Acq: 26 Oct 2018 14:54

Tgt Ion:276 Resp: 95887

Ion	Ratio	Lower	Upper
276	100		
138	11.6	11.8	17.8#
227	0.0	0.0	0.0



Instrument :
BNA_E
ClientSampleId :
C0AD7

Manual Integrations APPROVED
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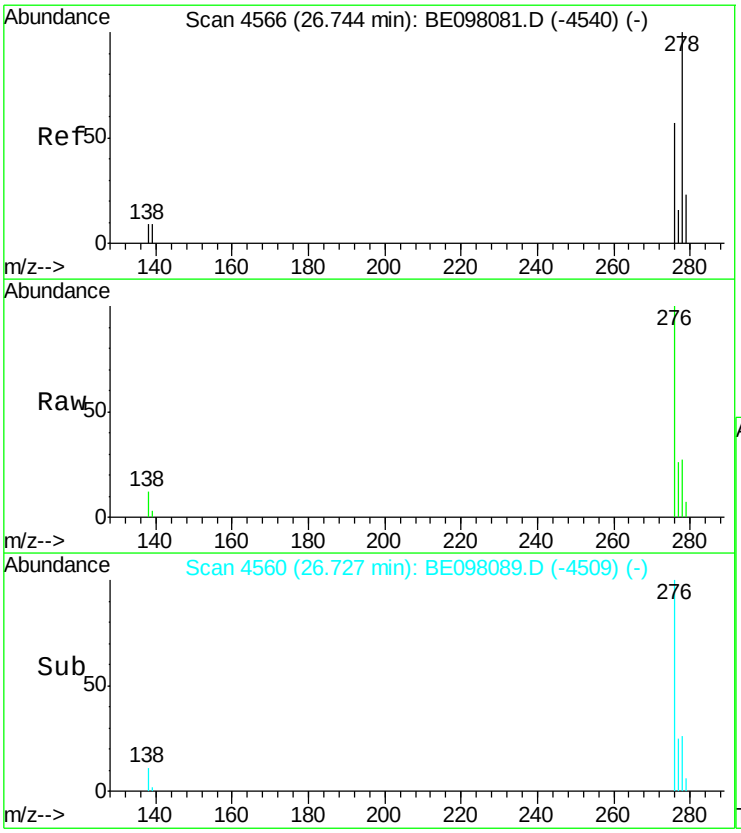
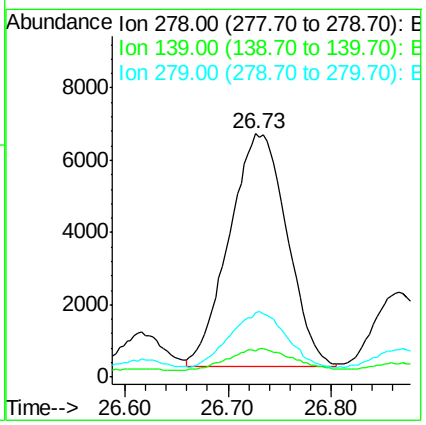
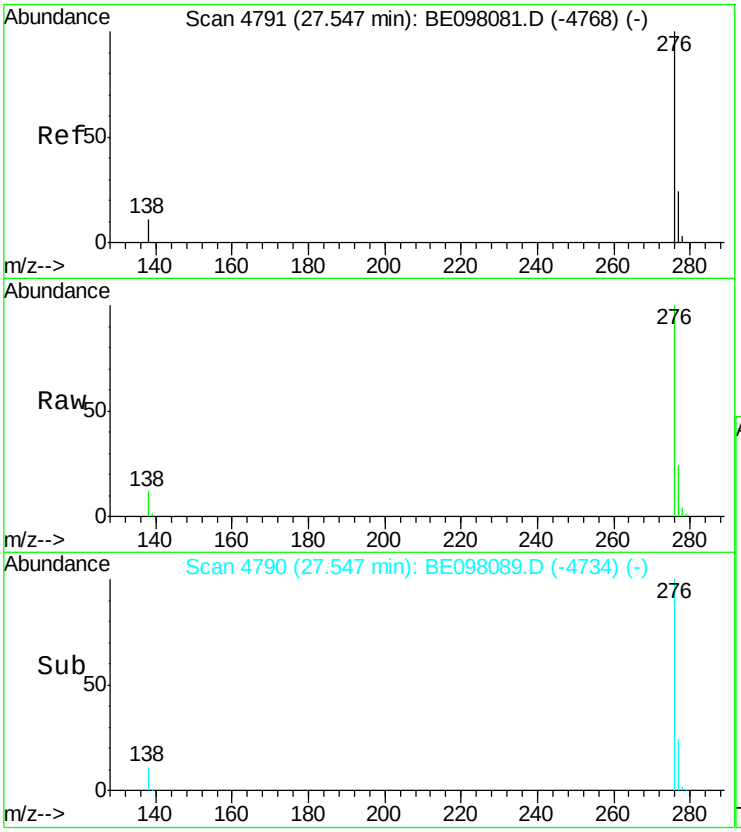


#25
Dibenzo(a,h)anthracene
Concen: 0.962 ng/ul m
RT: 26.73 min Scan# 4560
Delta R.T. -0.02 min
Lab File: BE098089.D
Acq: 26 Oct 2018 14:54

Tgt Ion:278 Resp: 25270

Ion	Ratio	Lower	Upper
278	100		
139	10.9	10.0	15.0
279	26.6	20.3	30.5

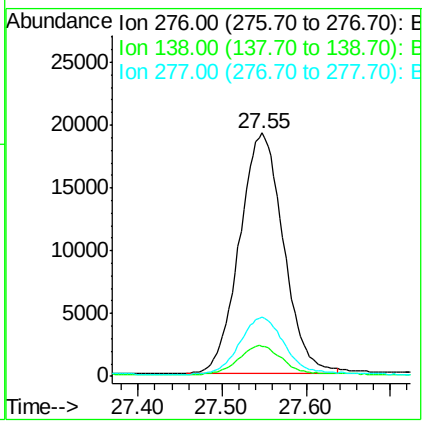




#26
Benzo(g,h,i)perylene
Concen: 2.635 ng/ul m
RT: 27.55 min Scan# 4790
Delta R.T. 0.00 min
Lab File: BE098089.D
Acq: 26 Oct 2018 14:54

Tgt Ion:276 Resp: 69905

Ion	Ratio	Lower	Upper
276	100		
138	12.2	11.6	17.4
277	24.4	20.8	31.2



Instrument :
BNA_E
ClientSampleId :
C0AD7

Manual Integrations APPROVED
Sohil
10/29/2018 3:09:22 PM