Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE100917\
Data File : BE094239.D
Acq On : 10 Oct 2017 2:22
Operator : SJ/JU
Sample : I5522-02
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AD3

Manual Integrations APPROVED
Sohil
10/10/2017 4:57:28 PM

Quant Time: Oct 10 11:00:20 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 09 04:05:38 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	2699	0.40	ng/ul	0.00
2) Naphthalene-d8	10.69	136	13536	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.51	164	8041	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.24	188	16996	0.40	ng/ul	-0.03
16) Chrysene-d12	21.41	240	16199	0.40	ng/ul	0.00
20) Perylene-d12	23.92	264	18373m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.27	152	4030	0.19	ng/ul	-0.01
14) Fluoranthene-d10	19.27	212	9651	0.17	ng/ul	-0.01
Target Compounds						Qvalue
3) Naphthalene	10.74	128	21423	0.646	ng/ul#	91
5) 2-Methylnaphthalene	12.35	142	7050	0.328	ng/ul	98
7) Acenaphthylene	14.24	152	5464	0.174	ng/ul	99
8) Acenaphthene	14.57	153	28619	1.109	ng/ul	97
9) Fluorene	15.56	166	35626	1.179	ng/ul#	92
12) Phenanthrene	17.29	178	642730	14.471	ng/ul#	92
13) Anthracene	17.38	178	149321	3.457	ng/ul#	92
15) Fluoranthene	19.30	202	1359167	23.290	ng/ul	84
17) Pyrene	19.66	202	1124440	24.948	ng/ul#	84
18) Benzo(a)anthracene	21.39	228	601695	14.001	ng/ul#	86
19) Chrysene	21.45	228	651424	13.126	ng/ul	99
21) Benzo(b)fluoranthene	23.15	252	815144m	16.332	ng/ul	
22) Benzo(k)fluoranthene	23.20	252	280644m	4.865	ng/ul	
23) Benzo(a)pyrene	23.81	252	511671m	9.866	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.57	276	351565m	6.626	ng/ul	
25) Dibenzo(a,h)anthracene	26.59	278	95827m	2.153	ng/ul	
26) Benzo(g,h,i)perylene	27.40	276	284322m	6.213	ng/ul	

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

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Manual Integrations APPROVED
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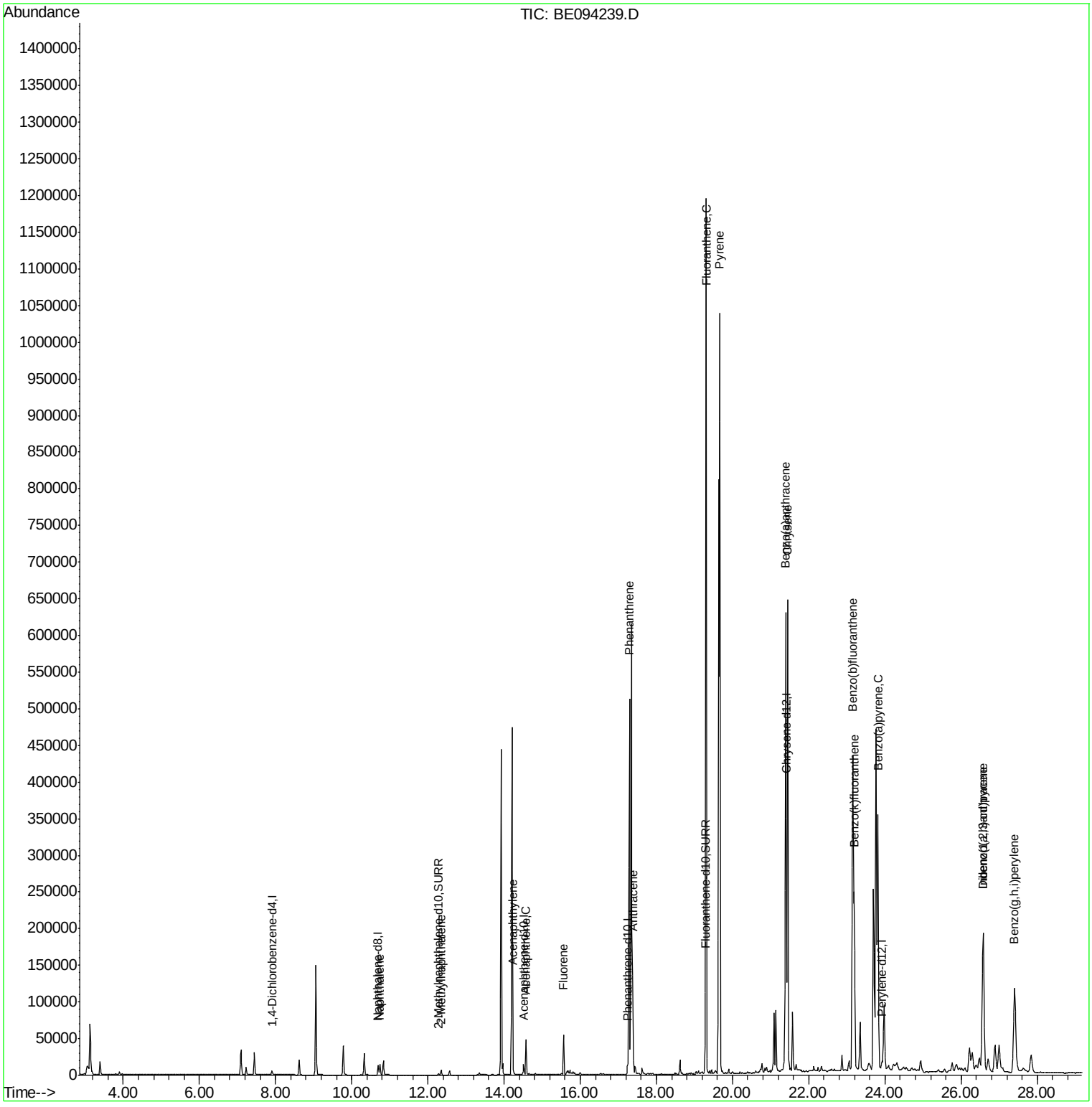
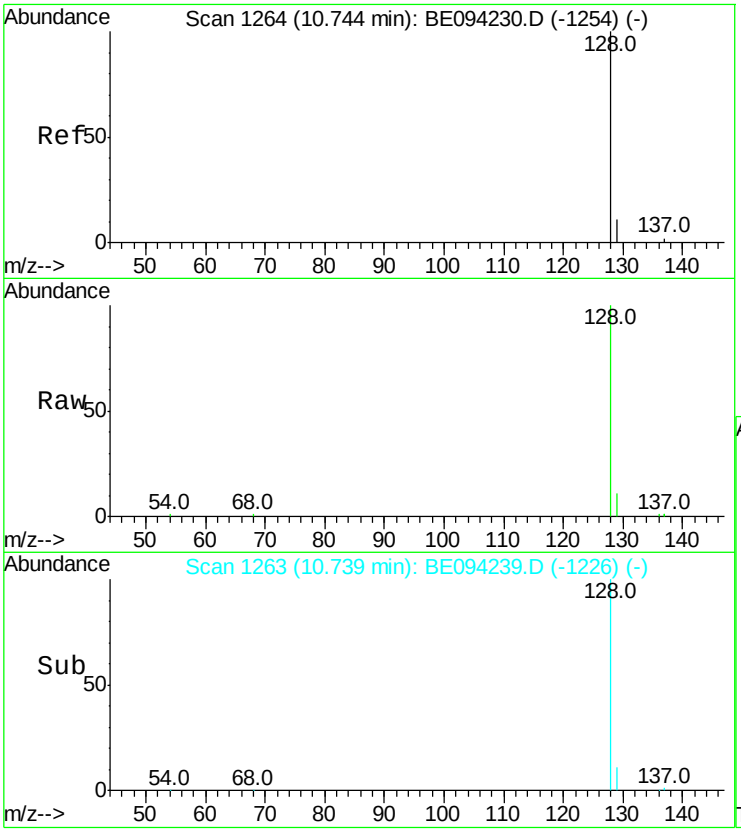
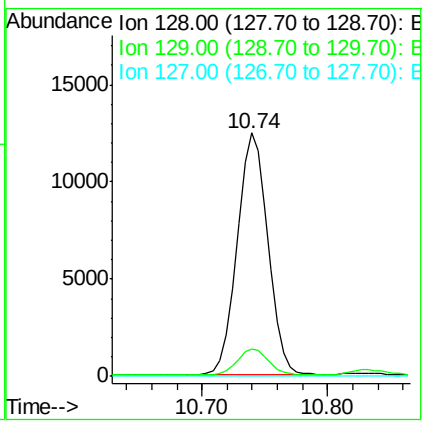




#3
Naphthalene
Concen: 0.646 ng/ul
RT: 10.74 min Scan# 1263
Delta R.T. -0.01 min
Lab File: BE094239.D
Acq: 10 Oct 2017 2:22

Tgt Ion:128 Resp: 21423

Ion	Ratio	Lower	Upper
128	100		
129	11.3	11.3	16.9
127	0.0	4.0	6.0#



Instrument :
BNA_E
ClientSampleId :
C0AD3

Manual Integrations APPROVED
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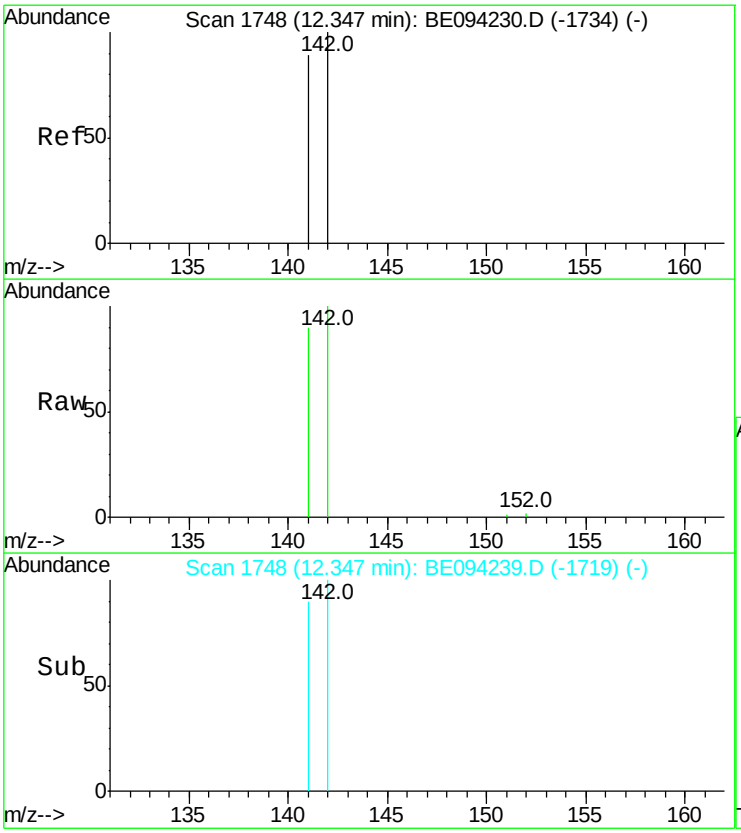
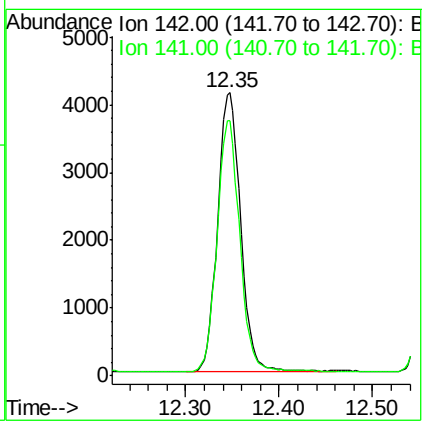
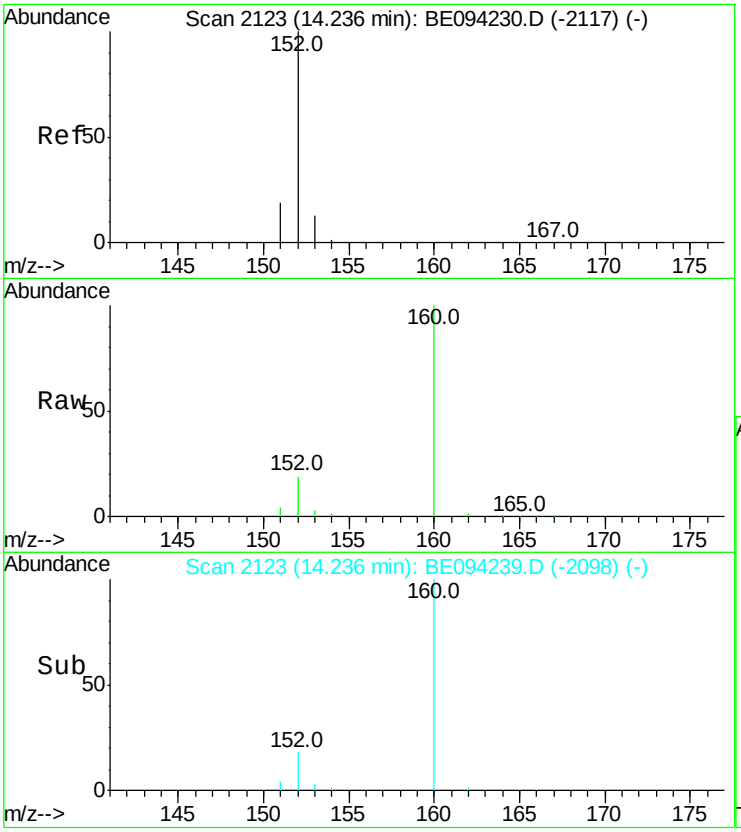


#5
2-Methylnaphthalene
Concen: 0.328 ng/ul
RT: 12.35 min Scan# 1748
Delta R.T. -0.01 min
Lab File: BE094239.D
Acq: 10 Oct 2017 2:22

Tgt Ion:142 Resp: 7050

Ion	Ratio	Lower	Upper
142	100		
141	88.6	72.6	108.8

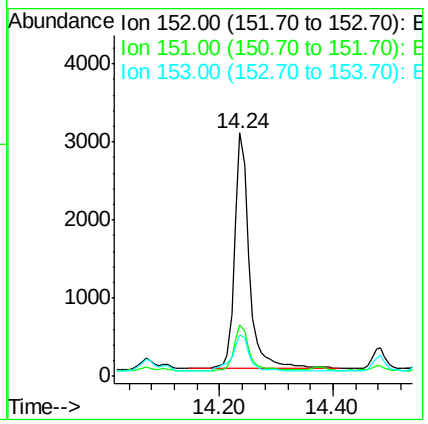




#7
Acenaphthylene
Concen: 0.174 ng/ul
RT: 14.24 min Scan# 2123
Delta R.T. -0.02 min
Lab File: BE094239.D
Acq: 10 Oct 2017 2:22

Tgt Ion:152 Resp: 5464

Ion	Ratio	Lower	Upper
152	100		
151	21.3	17.1	25.7
153	17.2	12.8	19.2



Instrument :
BNA_E
ClientSampleId :
C0AD3

Manual Integrations APPROVED
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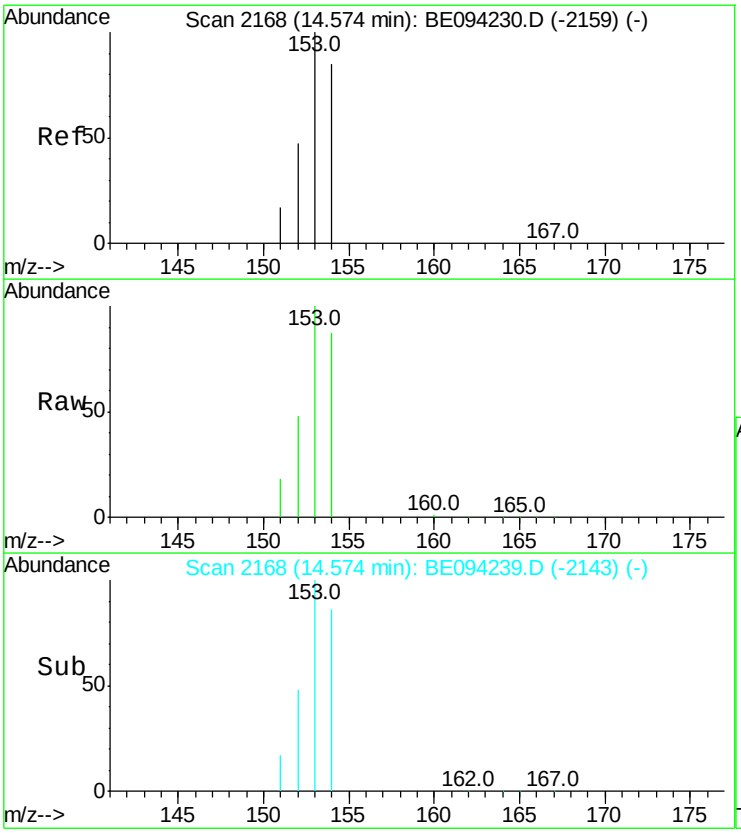
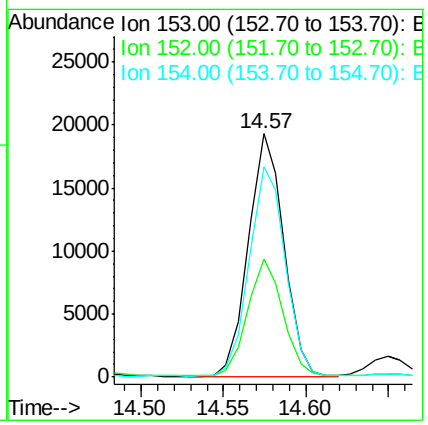
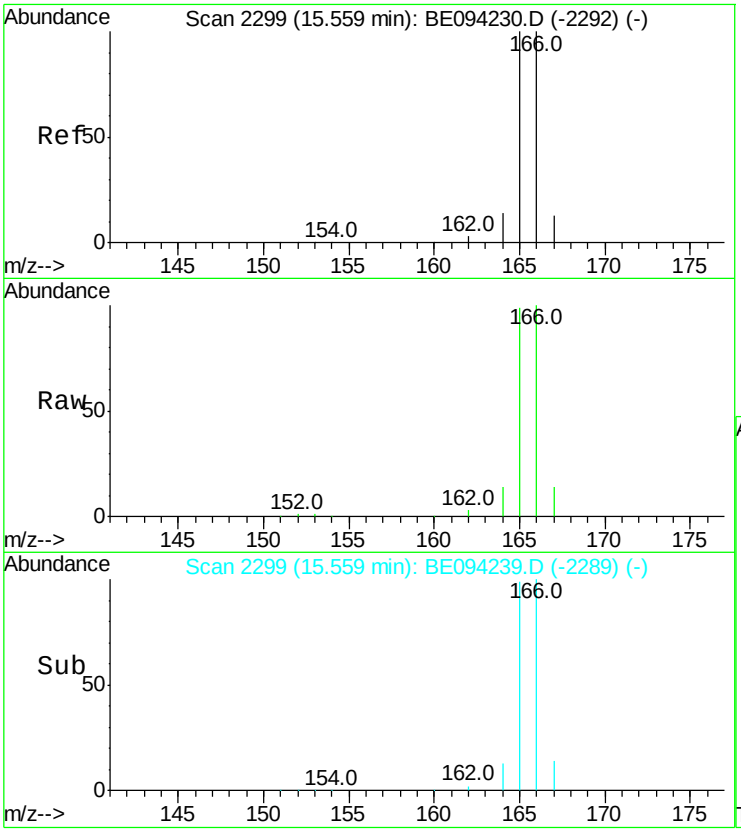


#8
Acenaphthene
Concen: 1.109 ng/ul
RT: 14.57 min Scan# 2168
Delta R.T. -0.02 min
Lab File: BE094239.D
Acq: 10 Oct 2017 2:22

Tgt Ion:153 Resp: 28619

Ion	Ratio	Lower	Upper
153	100		
152	48.3	40.3	60.5
154	86.5	71.4	107.2





#9
Fluorene
Concen: 1.179 ng/ul
RT: 15.56 min Scan# 2299
Delta R.T. -0.02 min
Lab File: BE094239.D
Acq: 10 Oct 2017 2:22

Tgt Ion:166 Resp: 35626

Ion	Ratio	Lower	Upper
166	100		
165	98.9	73.4	110.2
167	14.5	14.6	22.0#

Instrument :
BNA_E
ClientSampleId :
C0AD3

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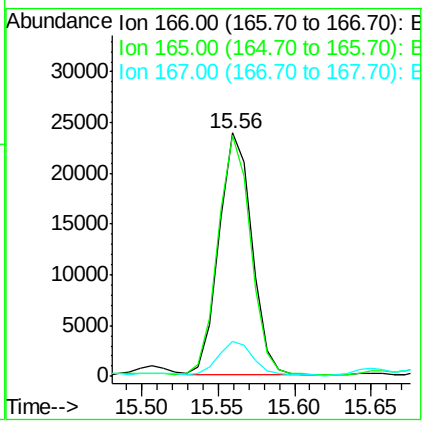
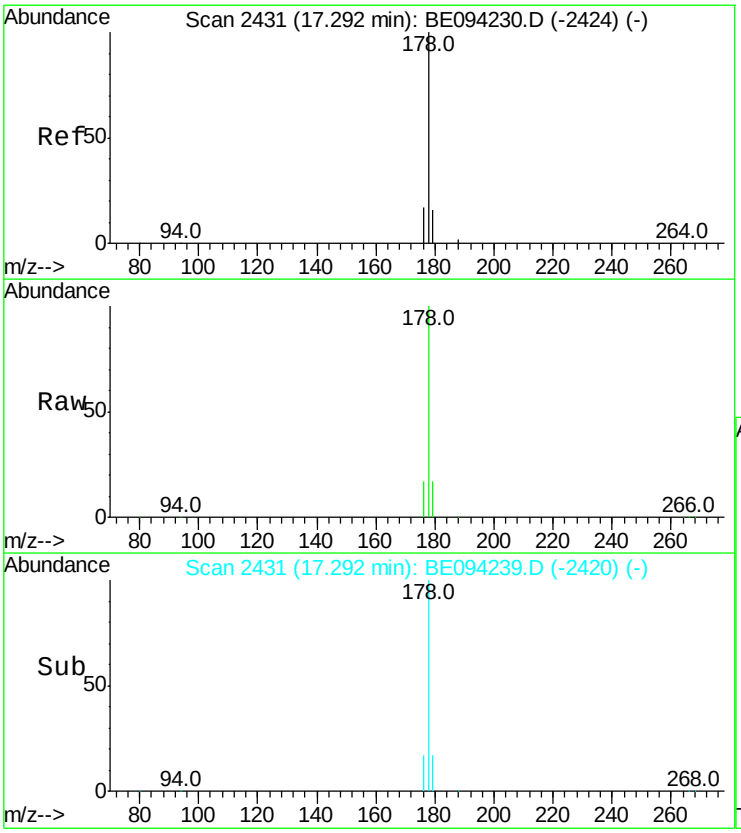
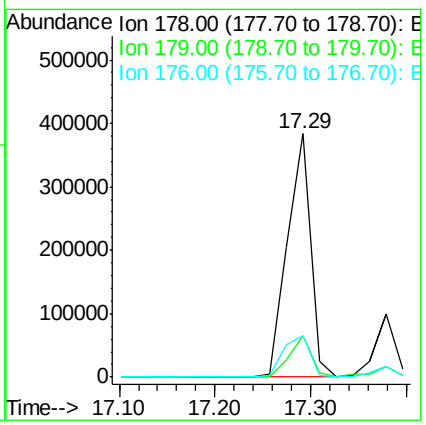


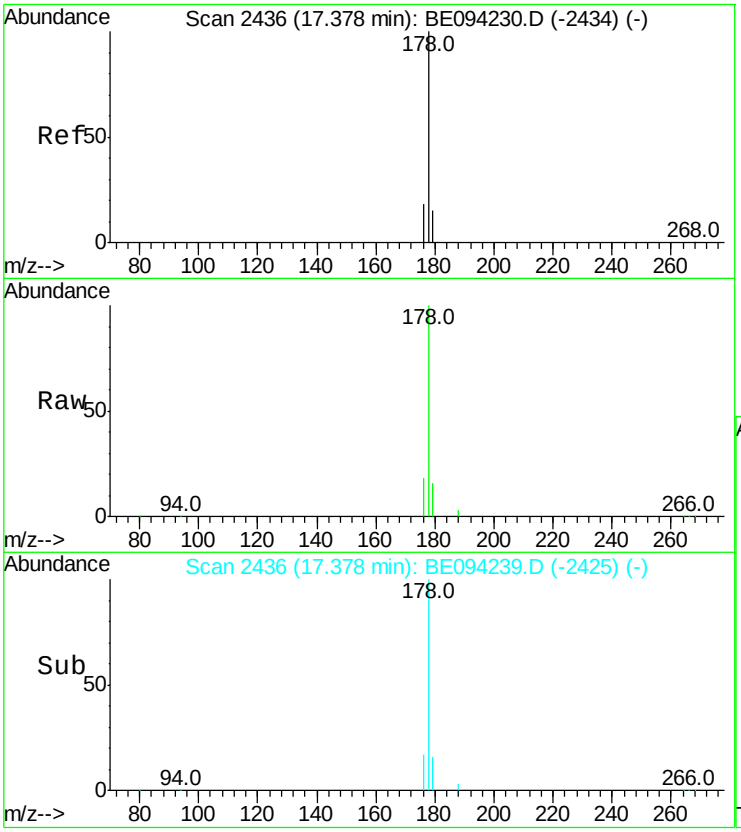


#12
Phenanthrene
Concen: 14.471 ng/ul
RT: 17.29 min Scan# 2431
Delta R.T. -0.02 min
Lab File: BE094239.D
Acq: 10 Oct 2017 2:22

Tgt Ion:178 Resp: 642730

Ion	Ratio	Lower	Upper
178	100		
179	16.8	18.4	27.6#
176	16.8	13.6	20.4





#13
Anthracene
Concen: 3.457 ng/ul
RT: 17.38 min Scan# 2436
Delta R.T. -0.02 min
Lab File: BE094239.D
Acq: 10 Oct 2017 2:22

Tgt Ion:178 Resp: 149321

Ion	Ratio	Lower	Upper
178	100		
179	16.2	18.1	27.1#
176	17.6	14.7	22.1

Instrument :
BNA_E
ClientSampleId :
C0AD3

Manual Integrations APPROVED
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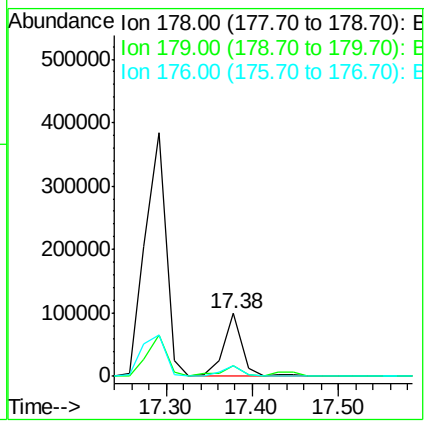
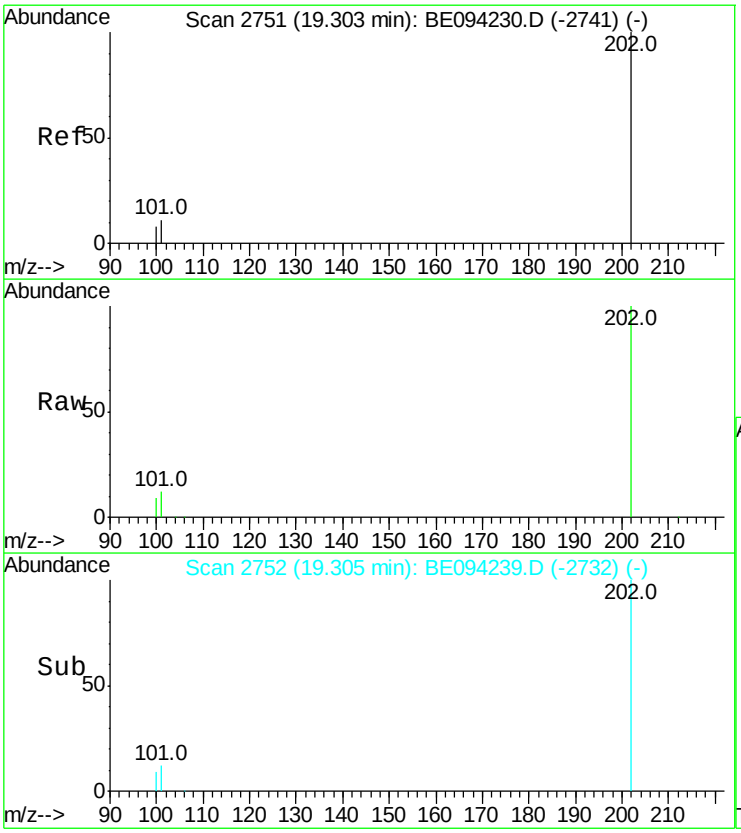
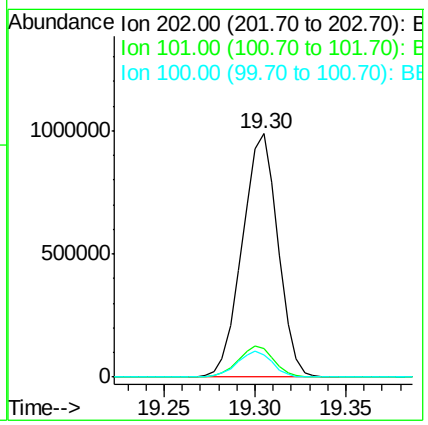


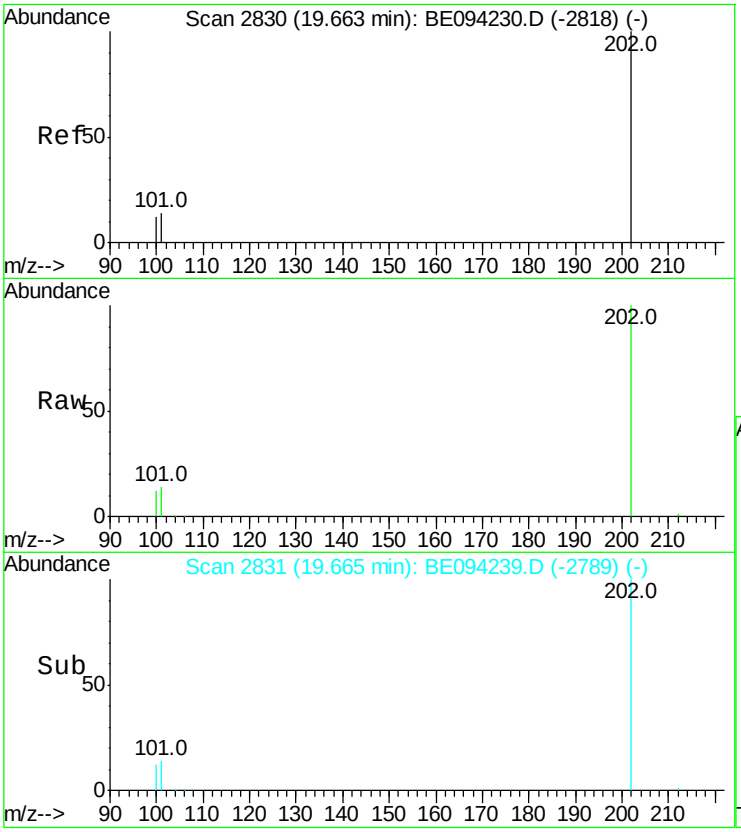


#15
Fluoranthene
Concen: 23.290 ng/ul
RT: 19.30 min Scan# 2752
Delta R.T. -0.01 min
Lab File: BE094239.D
Acq: 10 Oct 2017 2:22

Tgt Ion:202 Resp: 1359167

Ion	Ratio	Lower	Upper
202	100		
101	11.7	0.0	30.3
100	9.2	0.0	39.5





#17
Pyrene
Concen: 24.948 ng/ul
RT: 19.66 min Scan# 2831
Delta R.T. -0.01 min
Lab File: BE094239.D
Acq: 10 Oct 2017 2:22

Tgt Ion:202 Resp: 1124440

Ion	Ratio	Lower	Upper
202	100		
101	14.4	18.2	27.4#
100	12.5	15.6	23.4#

Instrument :
BNA_E
ClientSampleId :
C0AD3

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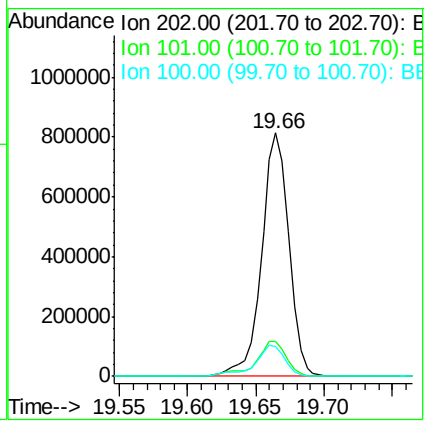
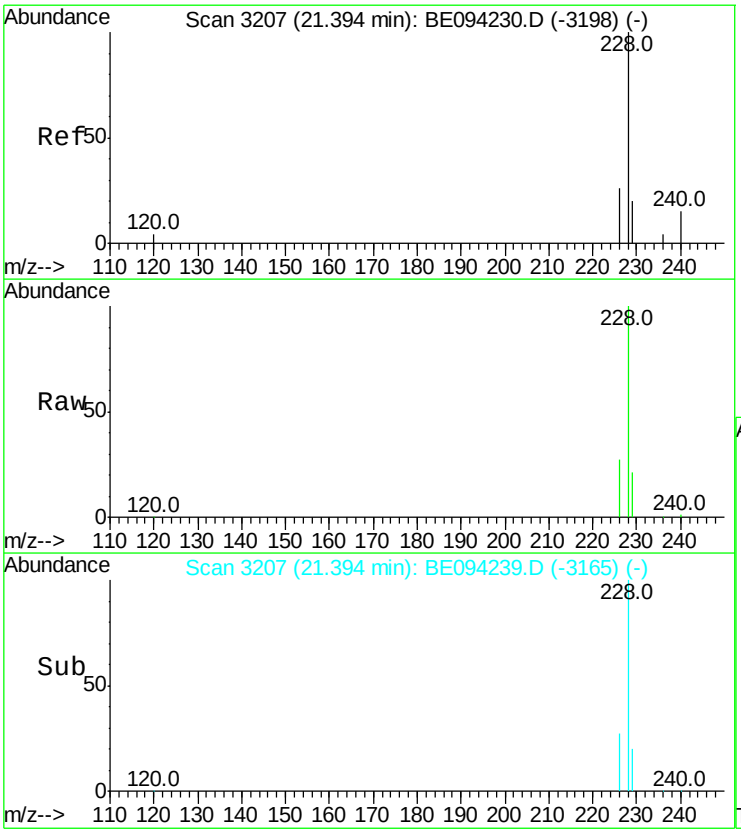
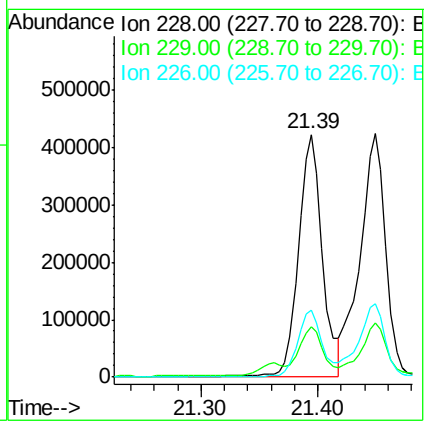


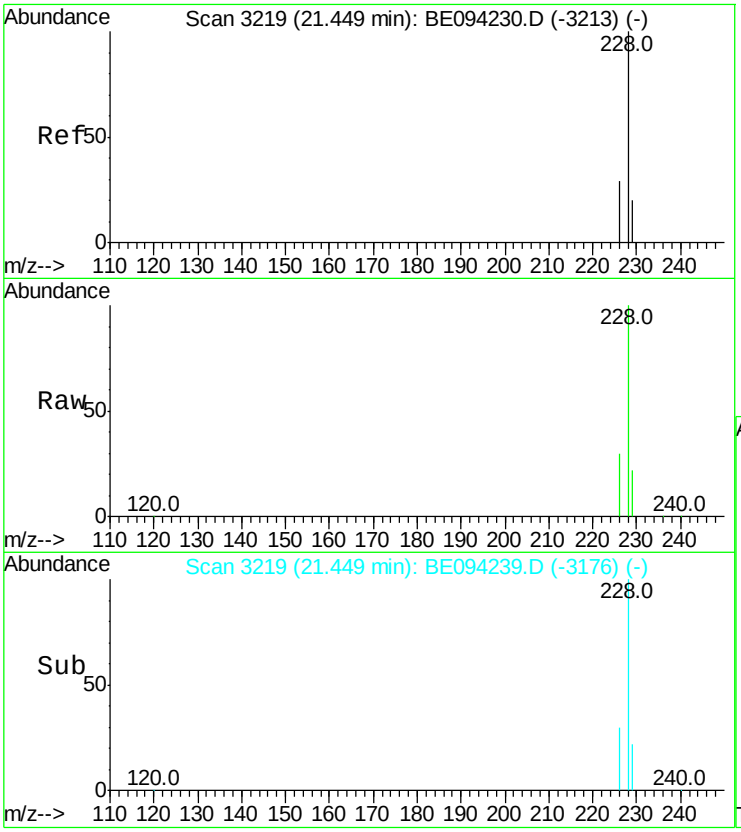


#18
Benzo(a)anthracene
Concen: 14.001 ng/ul
RT: 21.39 min Scan# 3207
Delta R.T. -0.01 min
Lab File: BE094239.D
Acq: 10 Oct 2017 2:22

Tgt Ion:228 Resp: 601695

Ion	Ratio	Lower	Upper
228	100		
229	20.9	22.8	34.2#
226	27.4	17.0	25.6#

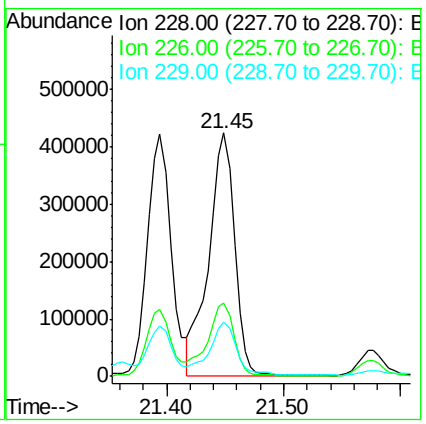




#19
Chrysene
Concen: 13.126 ng/ul
RT: 21.45 min Scan# 3219
Delta R.T. -0.00 min
Lab File: BE094239.D
Acq: 10 Oct 2017 2:22

Tgt Ion:228 Resp: 651424

Ion	Ratio	Lower	Upper
228	100		
226	30.1	23.4	35.0
229	22.1	17.7	26.5



Instrument :
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ClientSampleId :
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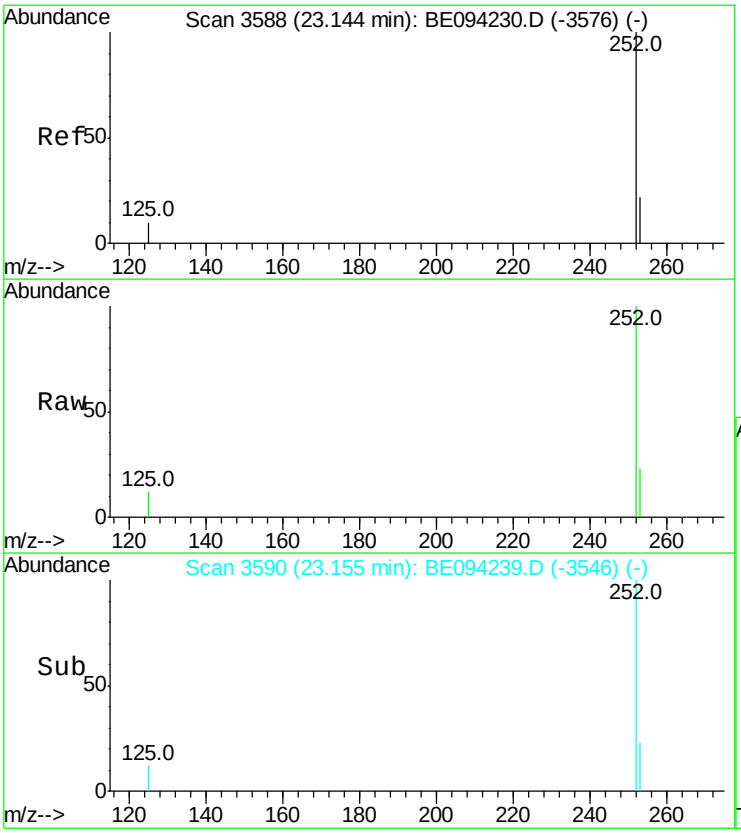
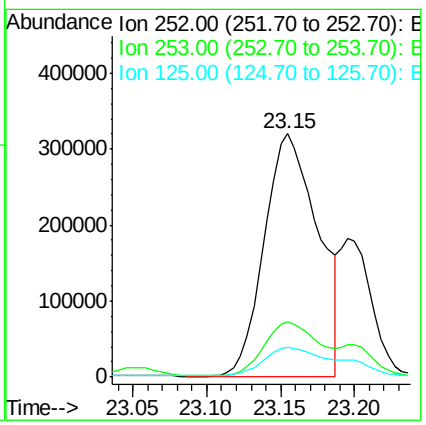
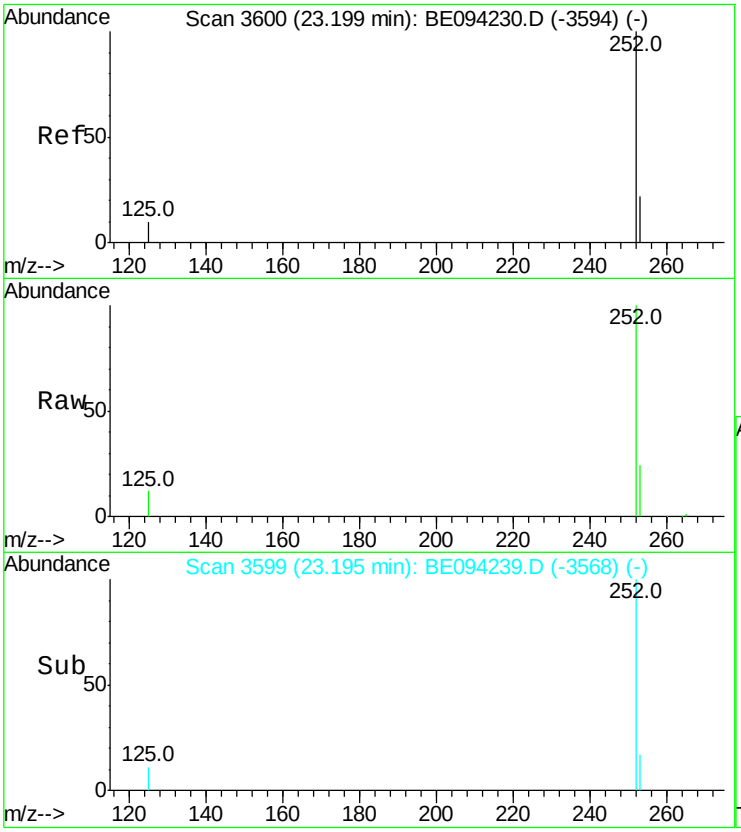


#21
Benzo(b)fluoranthene
Concen: 16.332 ng/ul m
RT: 23.15 min Scan# 3590
Delta R.T. 0.00 min
Lab File: BE094239.D
Acq: 10 Oct 2017 2:22

Tgt Ion:252 Resp: 815144

Ion	Ratio	Lower	Upper
252	100		
253	22.9	0.0	64.2
125	12.3	0.0	35.0





#22
Benzo(k)fluoranthene
Concen: 4.865 ng/ul m
RT: 23.20 min Scan# 3599
Delta R.T. -0.01 min
Lab File: BE094239.D
Acq: 10 Oct 2017 2:22

Tgt Ion:252 Resp: 280644

Ion	Ratio	Lower	Upper
252	100		
253	23.6	24.5	36.7#
125	12.4	13.7	20.5#

Instrument :
BNA_E
ClientSampleId :
C0AD3

Manual Integrations APPROVED
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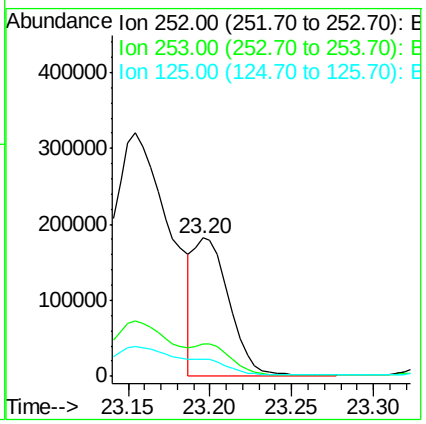
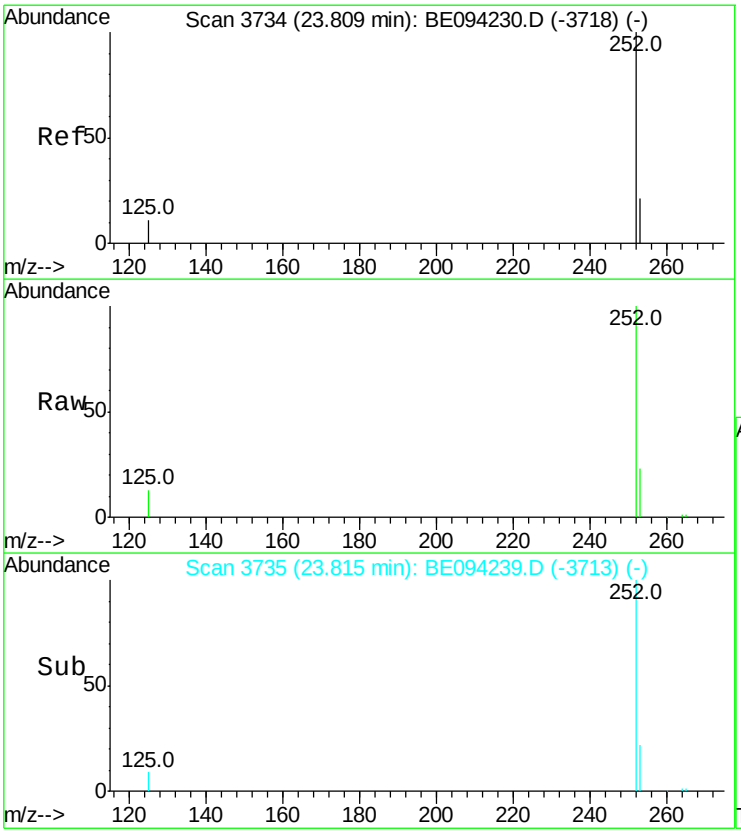
10/10/2017 4:57:28 PM

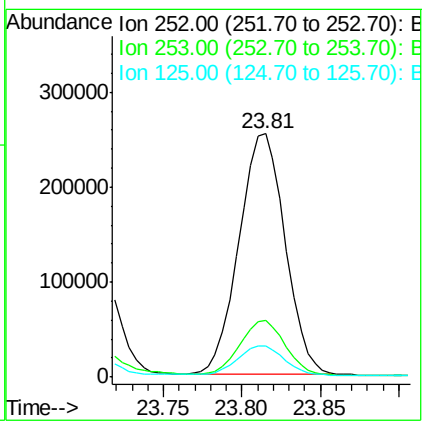


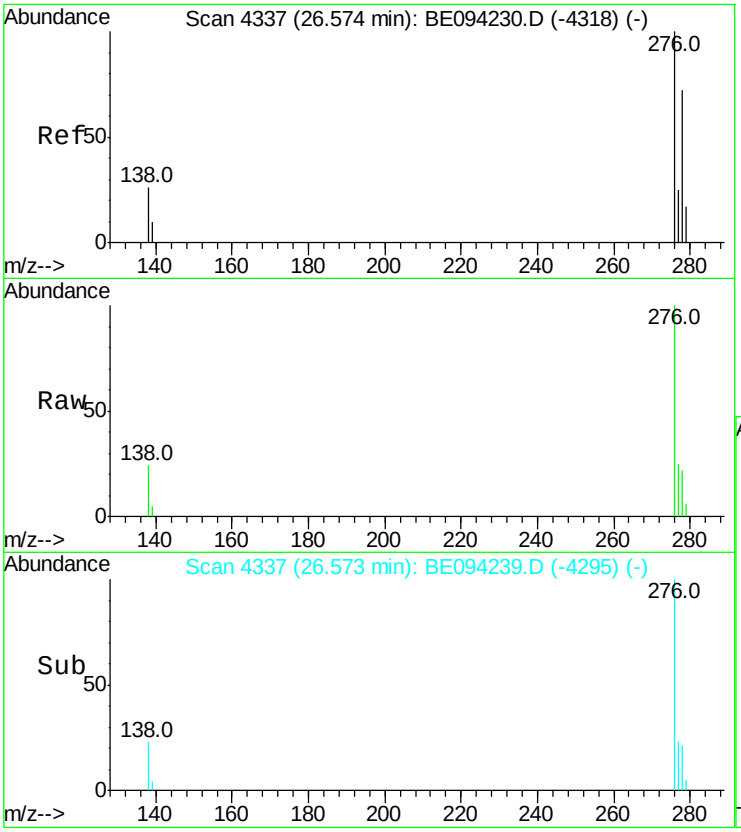


#23
Benzo(a)pyrene
Concen: 9.866 ng/ul m
RT: 23.81 min Scan# 3735
Delta R.T. 0.00 min
Lab File: BE094239.D
Acq: 10 Oct 2017 2:22

Tgt Ion:252 Resp: 511671

Ion	Ratio	Lower	Upper
252	100		
253	23.3	28.5	42.7#
125	12.7	18.1	27.1#





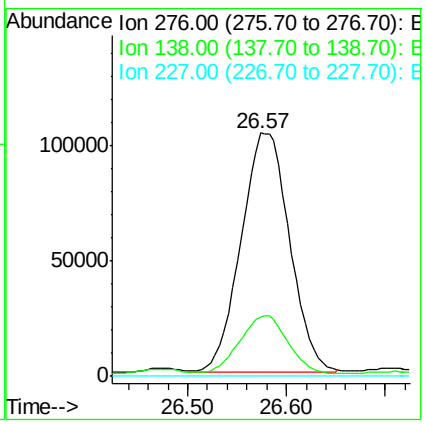
#24
Indeno(1,2,3-cd)pyrene
Concen: 6.626 ng/ul m
RT: 26.57 min Scan# 4337
Delta R.T. -0.01 min
Lab File: BE094239.D
Acq: 10 Oct 2017 2:22

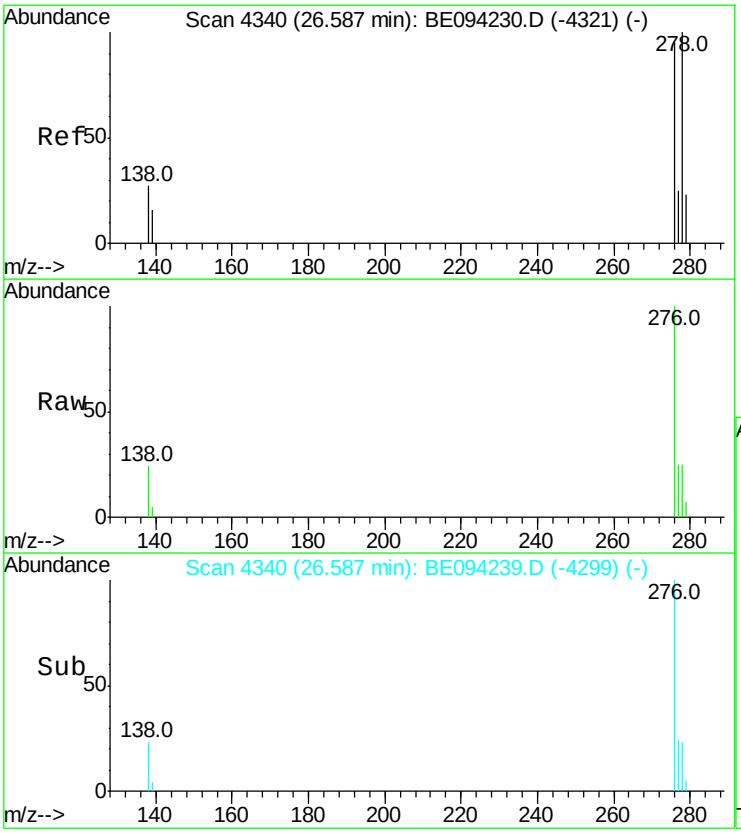
Tgt Ion:276 Resp: 351565

Ion	Ratio	Lower	Upper
276	100		
138	0.7	28.0	42.0#
227	0.0	8.0	12.0#

Instrument :
BNA_E
ClientSampleId :
C0AD3

Manual Integrations APPROVED
Sohil
10/10/2017 4:57:28 PM

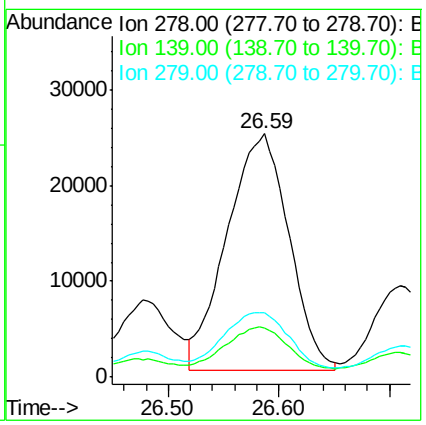


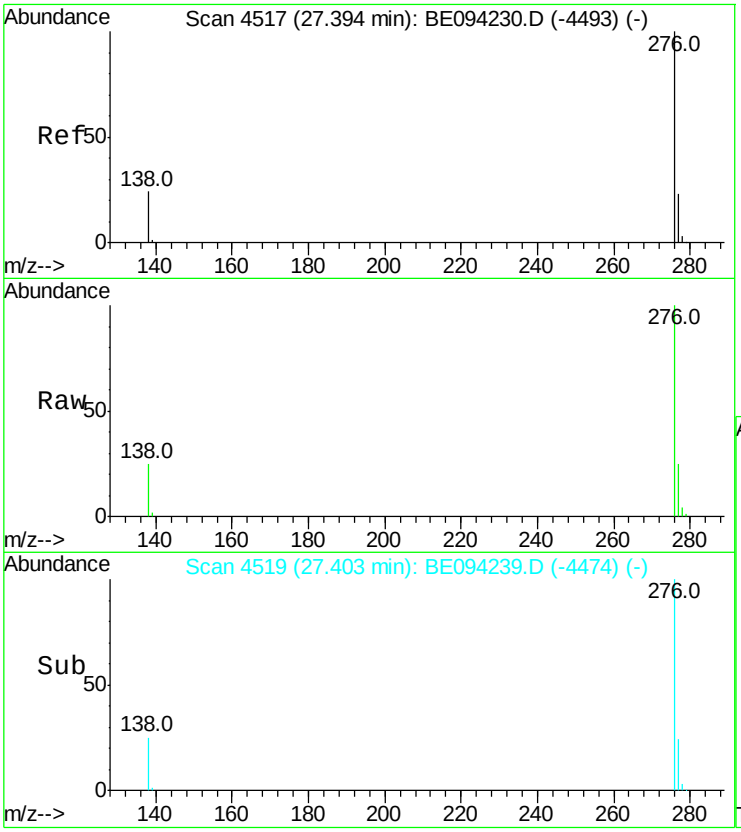


#25
Dibenzo(a,h)anthracene
Concen: 2.153 ng/ul m
RT: 26.59 min Scan# 4340
Delta R.T. -0.01 min
Lab File: BE094239.D
Acq: 10 Oct 2017 2:22

Tgt Ion:278 Resp: 95827

Ion	Ratio	Lower	Upper
278	100		
139	20.1	17.4	26.0
279	26.6	25.9	38.9

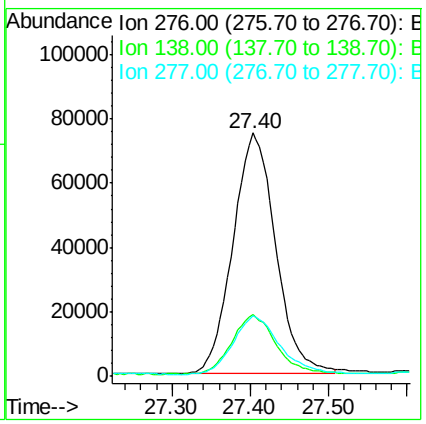




#26
Benzo(g,h,i)perylene
Concen: 6.213 ng/ul m
RT: 27.40 min Scan# 4519
Delta R.T. 0.00 min
Lab File: BE094239.D
Acq: 10 Oct 2017 2:22

Tgt Ion:276 Resp: 284322

Ion	Ratio	Lower	Upper
276	100		
138	25.4	21.8	32.8
277	24.7	20.5	30.7



Instrument :
BNA_E
ClientSampleId :
C0AD3

Manual Integrations APPROVED
Sohil
10/10/2017 4:57:28 PM