Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE101017\
Data File : BE094269.D
Acq On : 11 Oct 2017 2:13
Operator : SJ/JU
Sample : I5533-07DL 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
DUP-1DL

Manual Integrations APPROVED
Sohil
10/11/2017 7:20:26 PM

Quant Time: Oct 11 08:16:00 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 11 07:23:41 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	2474	0.40	ng/ul	0.00
2) Naphthalene-d8	10.69	136	12394	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.51	164	6911	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.24	188	14850	0.40	ng/ul	-0.02
16) Chrysene-d12	21.41	240	15476	0.40	ng/ul	0.00
20) Perylene-d12	23.92	264	15384	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	979	0.05	ng/ul	0.00
14) Fluoranthene-d10	19.27	212	2298	0.05	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.74	128	6168	0.203	ng/ul#	93
5) 2-Methylnaphthalene	12.35	142	1872	0.095	ng/ul	99
7) Acenaphthylene	14.24	152	5116	0.190	ng/ul	100
8) Acenaphthene	14.57	153	8667	0.391	ng/ul	98
9) Fluorene	15.56	166	9330	0.359	ng/ul	93
12) Phenanthrene	17.29	178	212610	5.479	ng/ul#	92
13) Anthracene	17.38	178	52405	1.389	ng/ul#	91
15) Fluoranthene	19.30	202	385858	7.567	ng/ul	84
17) Pyrene	19.66	202	359744	8.355	ng/ul#	84
18) Benzo(a)anthracene	21.39	228	188259	4.585	ng/ul#	86
19) Chrysene	21.44	228	171276	3.612	ng/ul	99
21) Benzo(b)fluoranthene	23.15	252	198591m	4.752	ng/ul	
22) Benzo(k)fluoranthene	23.19	252	55599m	1.151	ng/ul	
23) Benzo(a)pyrene	23.80	252	148700	3.424	ng/ul#	80
24) Indeno(1,2,3-cd)pyrene	26.57	276	88830	2.000	ng/ul#	79
25) Dibenzo(a,h)anthracene	26.57	278	22468	0.603	ng/ul	95
26) Benzo(g,h,i)perylene	27.39	276	76382	1.993	ng/ul	98

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

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Manual Integrations APPROVED
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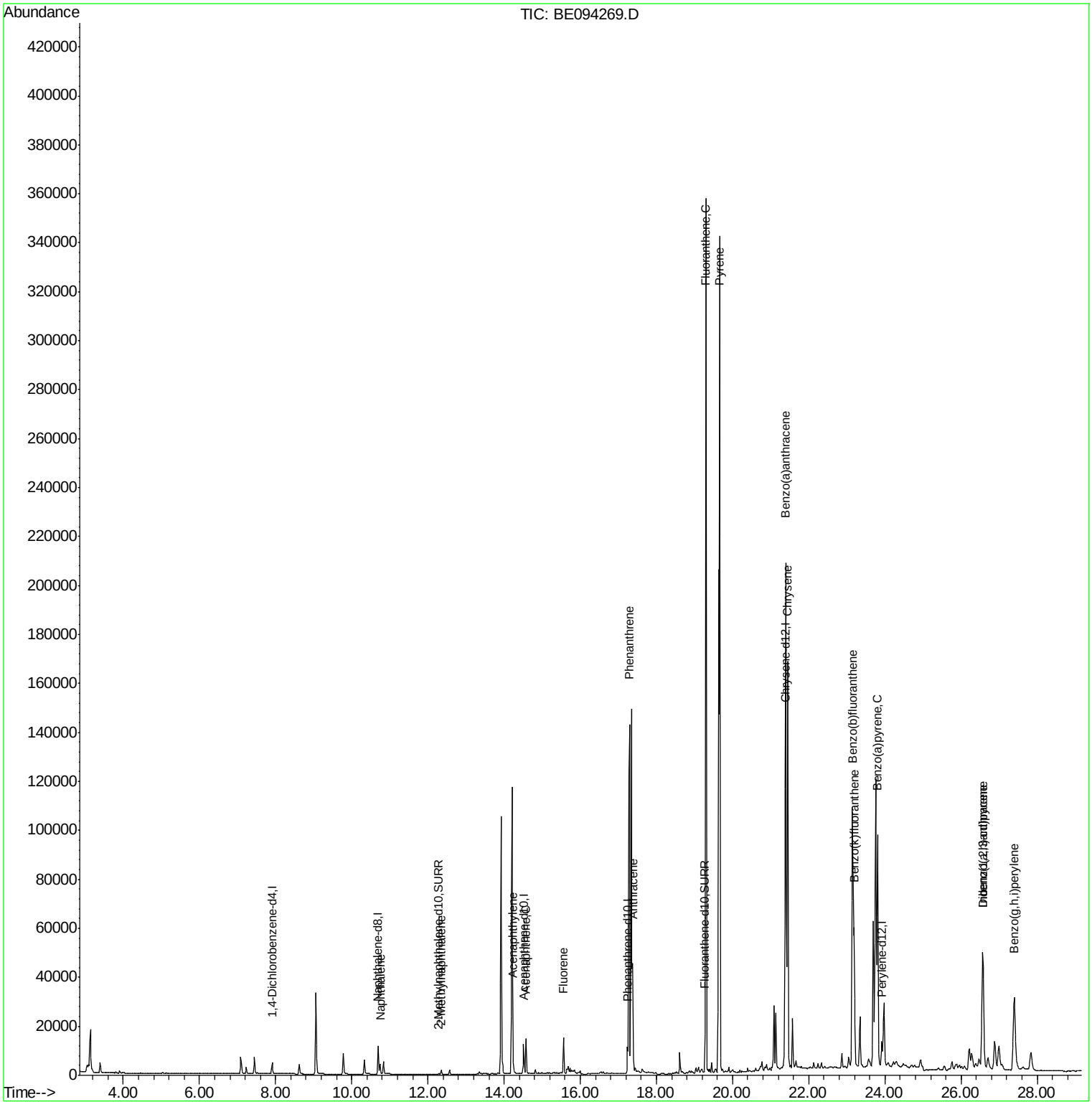
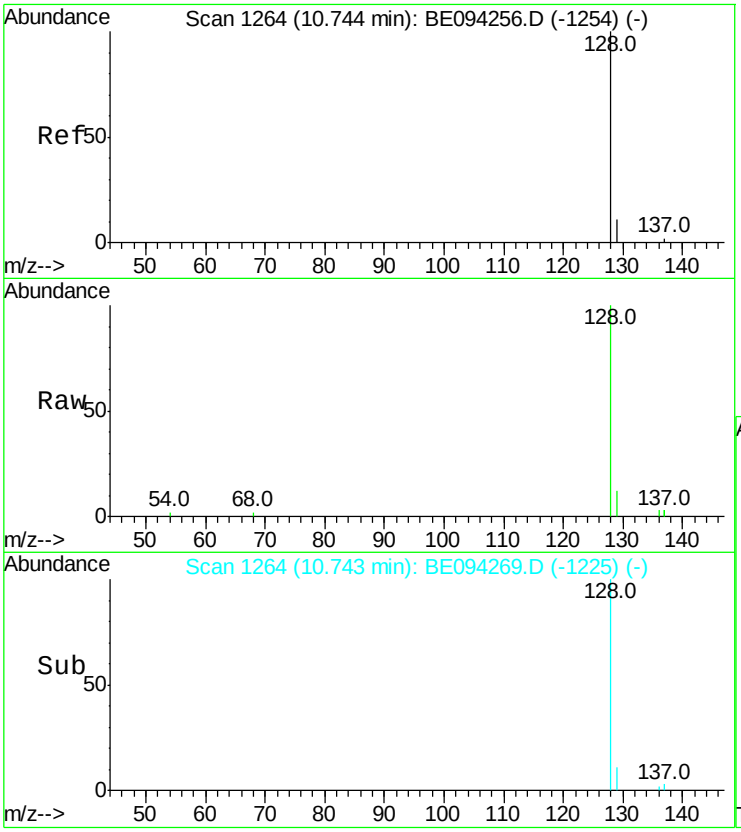
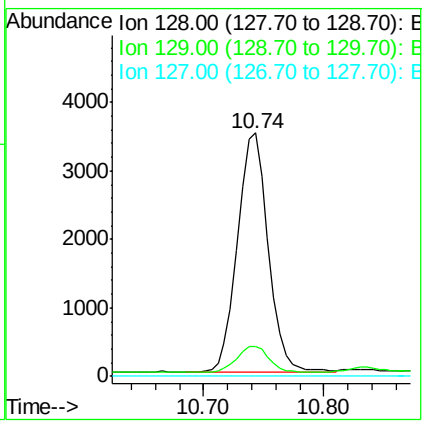




#3
Naphthalene
Concen: 0.203 ng/ul
RT: 10.74 min Scan# 1264
Delta R.T. -0.00 min
Lab File: BE094269.D
Acq: 11 Oct 2017 2:13

Tgt Ion:128 Resp: 6168

Ion	Ratio	Lower	Upper
128	100		
129	12.5	11.3	16.9
127	0.0	4.0	6.0#



Instrument :
BNA_E
ClientSampleId :
DUP-1DL

Manual Integrations APPROVED
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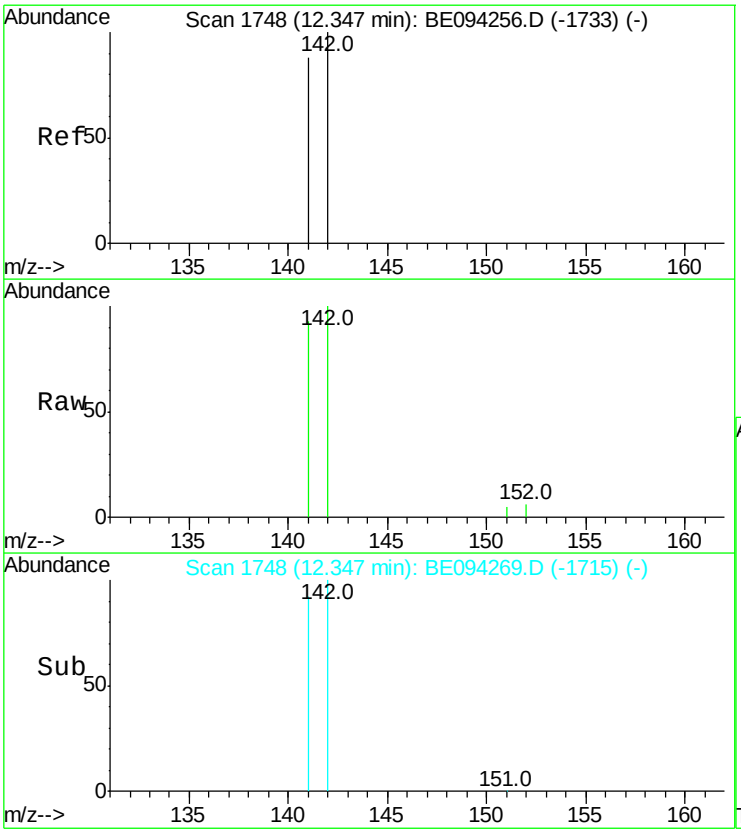
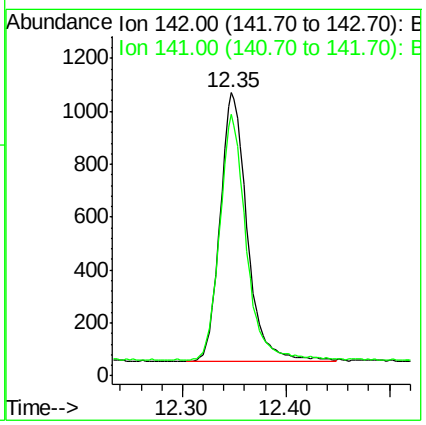
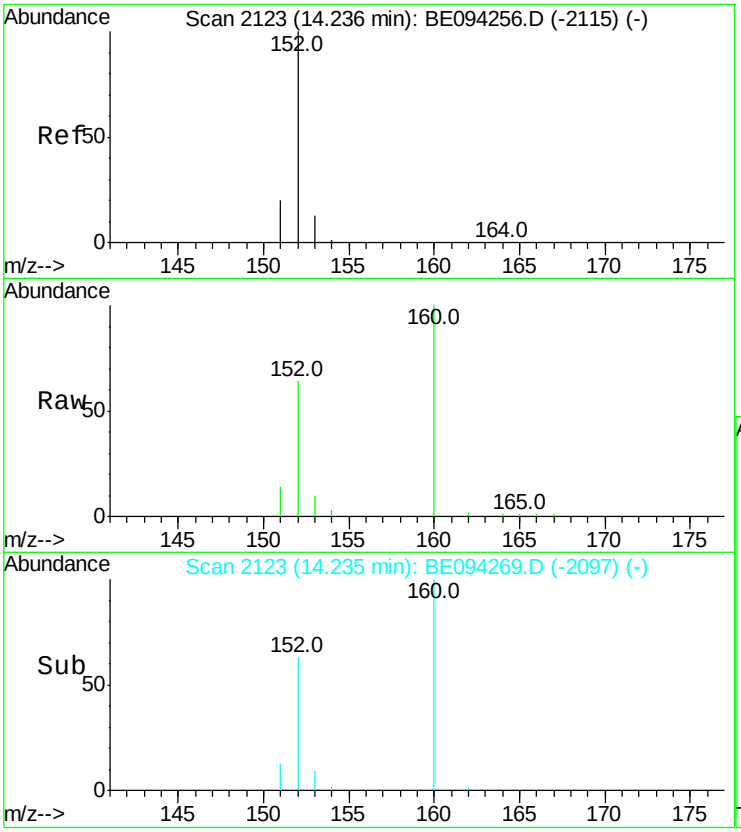


#5
2-Methylnaphthalene
Concen: 0.095 ng/ul
RT: 12.35 min Scan# 1748
Delta R.T. -0.00 min
Lab File: BE094269.D
Acq: 11 Oct 2017 2:13

Tgt Ion:142 Resp: 1872

Ion	Ratio	Lower	Upper
142	100		
141	89.5	72.6	108.8

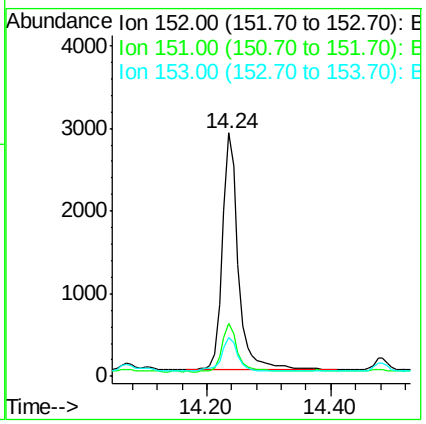




#7
Acenaphthylene
Concen: 0.190 ng/ul
RT: 14.24 min Scan# 2123
Delta R.T. -0.00 min
Lab File: BE094269.D
Acq: 11 Oct 2017 2:13

Tgt Ion:152 Resp: 5116

Ion	Ratio	Lower	Upper
152	100		
151	21.6	17.1	25.7
153	15.9	12.8	19.2



Instrument :
BNA_E
ClientSampleId :
DUP-1DL

Manual Integrations APPROVED
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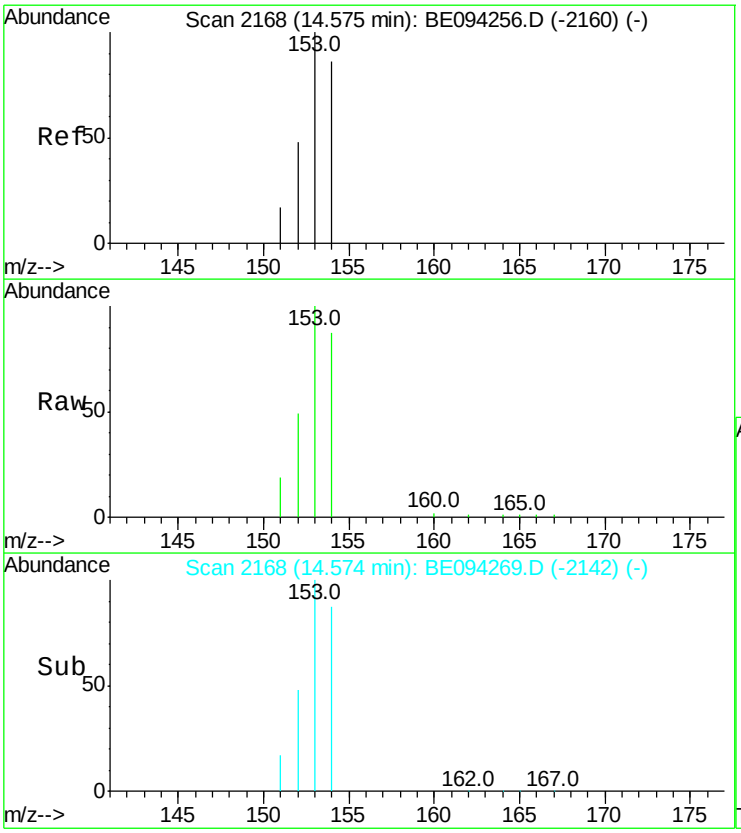
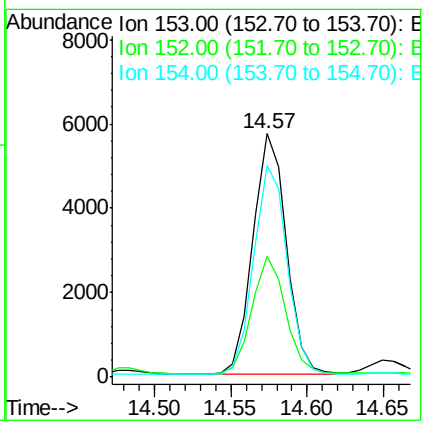
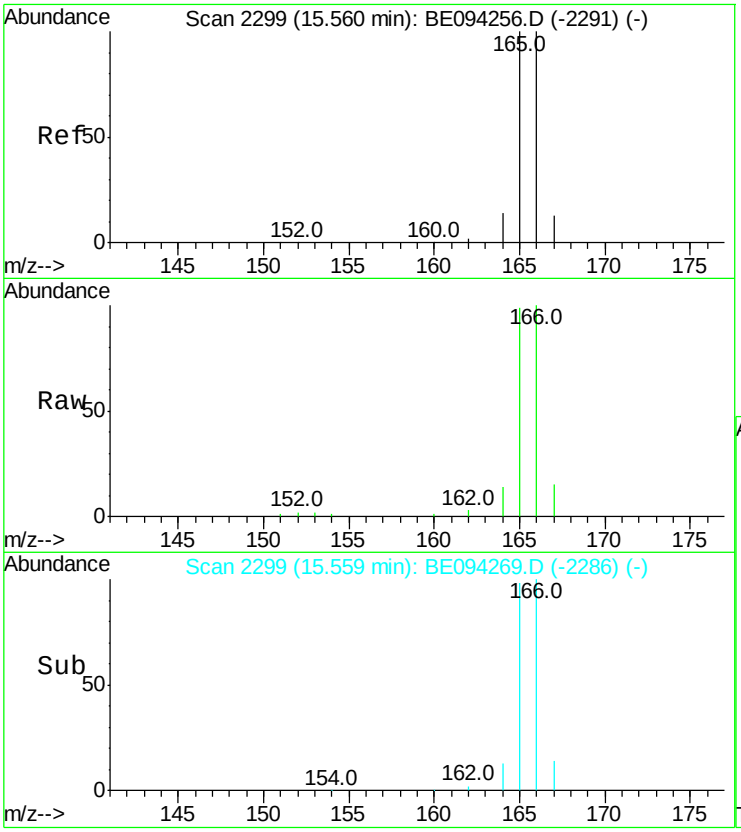


#8
Acenaphthene
Concen: 0.391 ng/ul
RT: 14.57 min Scan# 2168
Delta R.T. -0.00 min
Lab File: BE094269.D
Acq: 11 Oct 2017 2:13

Tgt Ion:153 Resp: 8667

Ion	Ratio	Lower	Upper
153	100		
152	49.4	40.3	60.5
154	86.9	71.4	107.2

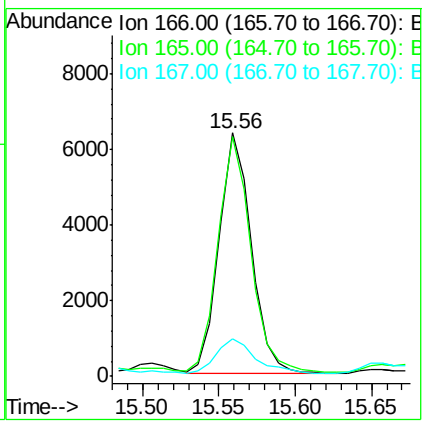




#9
Fluorene
Concen: 0.359 ng/ul
RT: 15.56 min Scan# 2299
Delta R.T. -0.00 min
Lab File: BE094269.D
Acq: 11 Oct 2017 2:13

Tgt Ion:166 Resp: 9330

Ion	Ratio	Lower	Upper
166	100		
165	98.6	73.4	110.2
167	15.5	14.6	22.0



Instrument :
BNA_E
ClientSampleId :
DUP-1DL

Manual Integrations APPROVED
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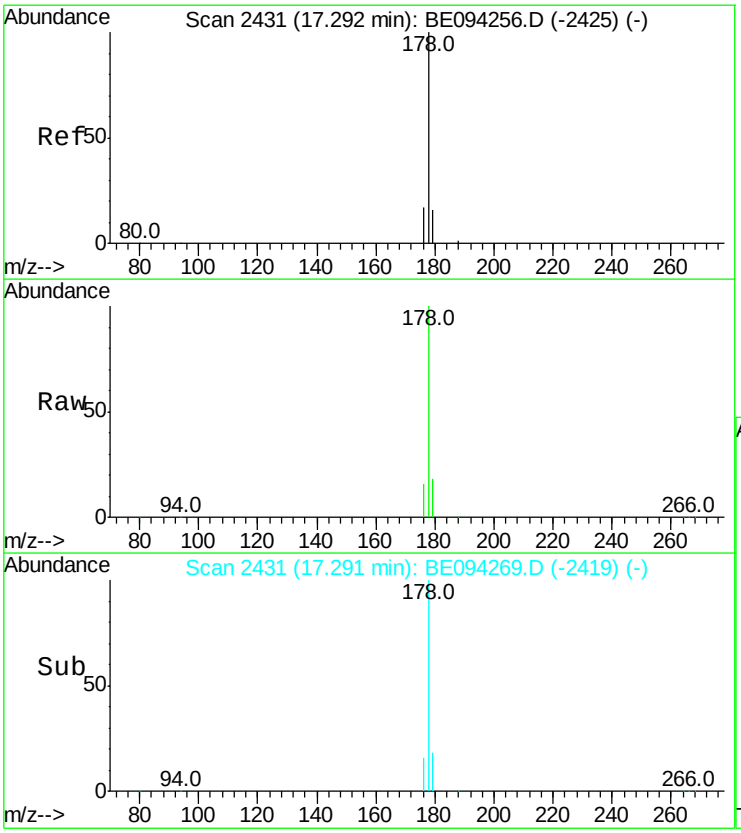
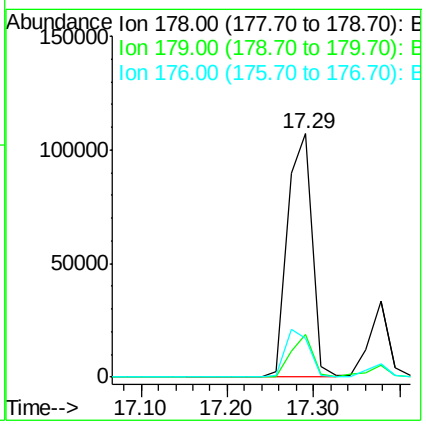
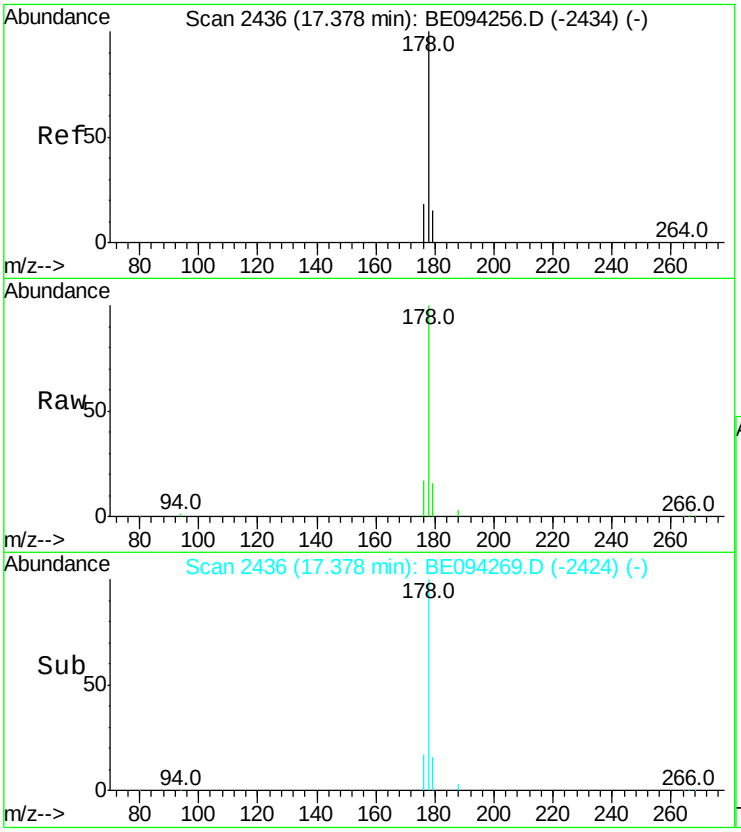


#12
Phenanthrene
Concen: 5.479 ng/ul
RT: 17.29 min Scan# 2431
Delta R.T. -0.00 min
Lab File: BE094269.D
Acq: 11 Oct 2017 2:13

Tgt Ion:178 Resp: 212610

Ion	Ratio	Lower	Upper
178	100		
179	17.7	18.4	27.6#
176	15.7	13.6	20.4

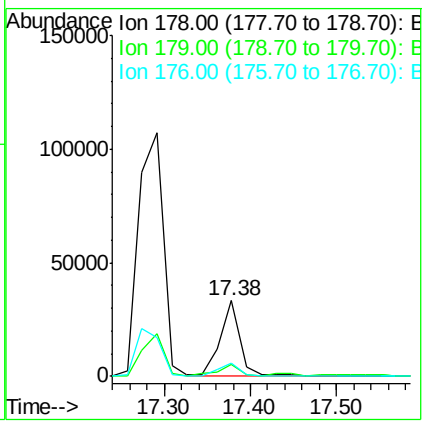




#13
Anthracene
Concen: 1.389 ng/ul
RT: 17.38 min Scan# 2436
Delta R.T. -0.00 min
Lab File: BE094269.D
Acq: 11 Oct 2017 2:13

Tgt Ion:178 Resp: 52405

Ion	Ratio	Lower	Upper
178	100		
179	16.3	18.1	27.1#
176	16.8	14.7	22.1



Instrument :
BNA_E
ClientSampleId :
DUP-1DL

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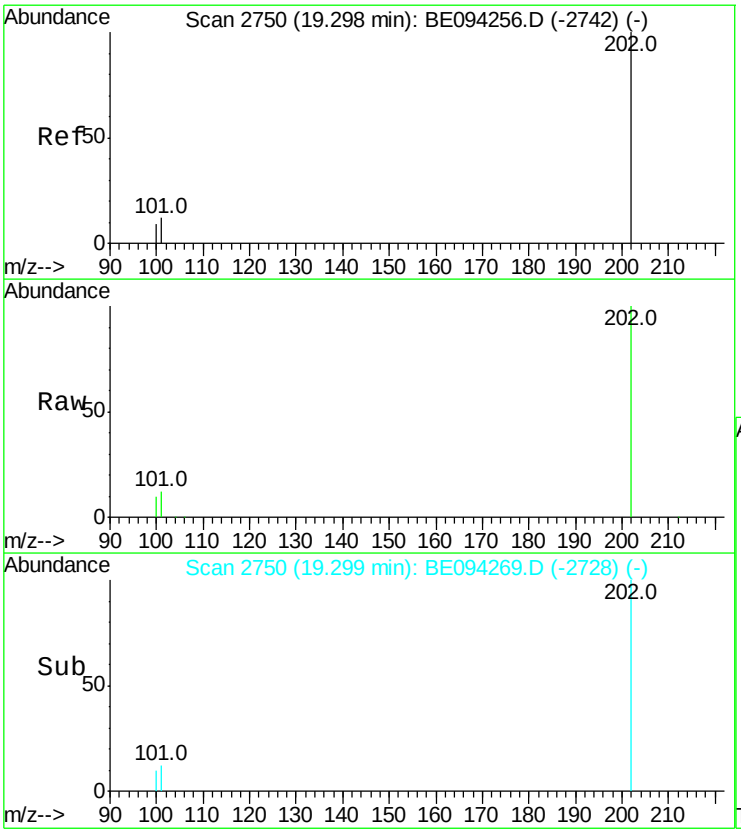
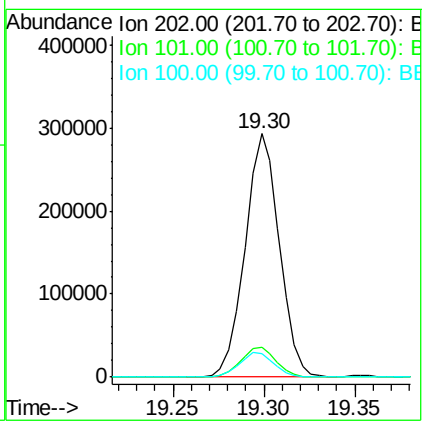
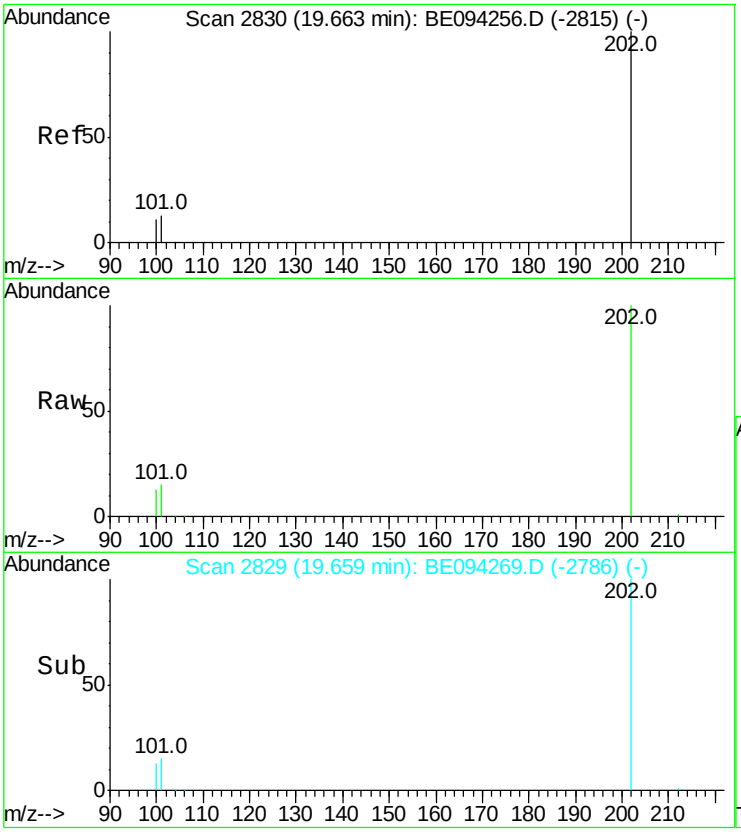


#15
Fluoranthene
Concen: 7.567 ng/ul
RT: 19.30 min Scan# 2750
Delta R.T. 0.00 min
Lab File: BE094269.D
Acq: 11 Oct 2017 2:13

Tgt Ion:202 Resp: 385858

Ion	Ratio	Lower	Upper
202	100		
101	12.3	0.0	30.3
100	9.7	0.0	39.5





#17
Pyrene
Concen: 8.355 ng/ul
RT: 19.66 min Scan# 2829
Delta R.T. -0.00 min
Lab File: BE094269.D
Acq: 11 Oct 2017 2:13

Tgt Ion:202 Resp: 359744

Ion	Ratio	Lower	Upper
202	100		
101	14.8	18.2	27.4#
100	12.8	15.6	23.4#

Instrument :
BNA_E
ClientSampleId :
DUP-1DL

Manual Integrations APPROVED
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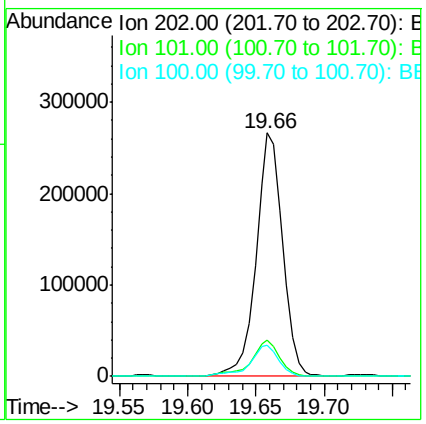
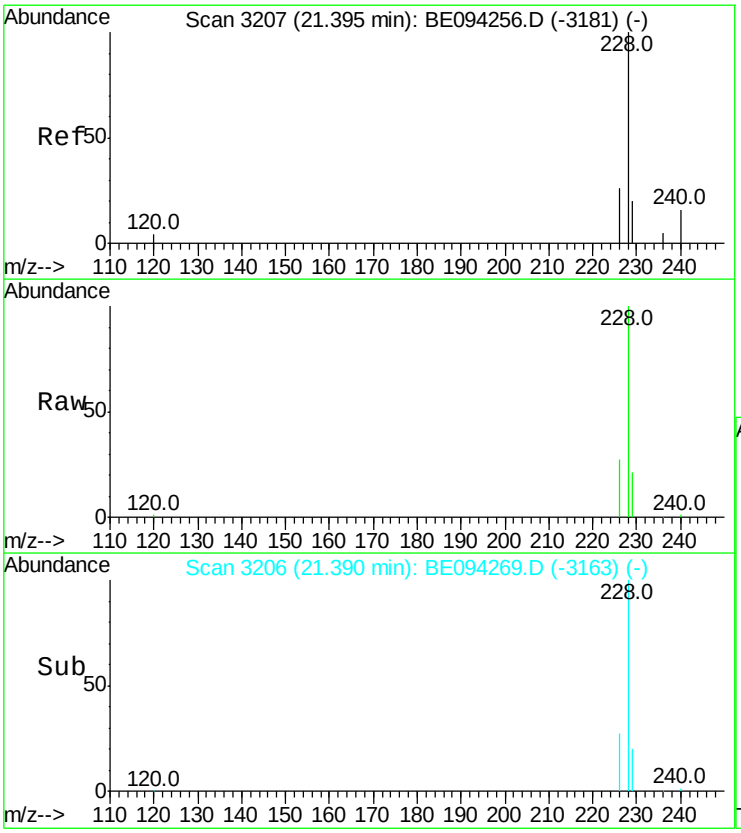
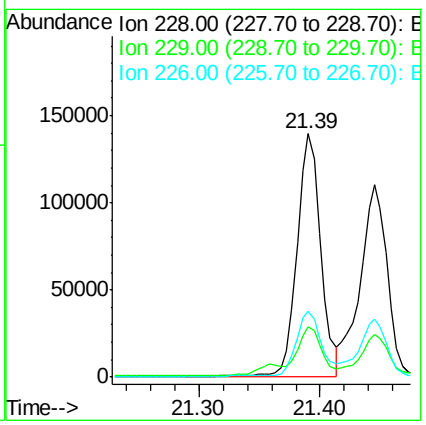


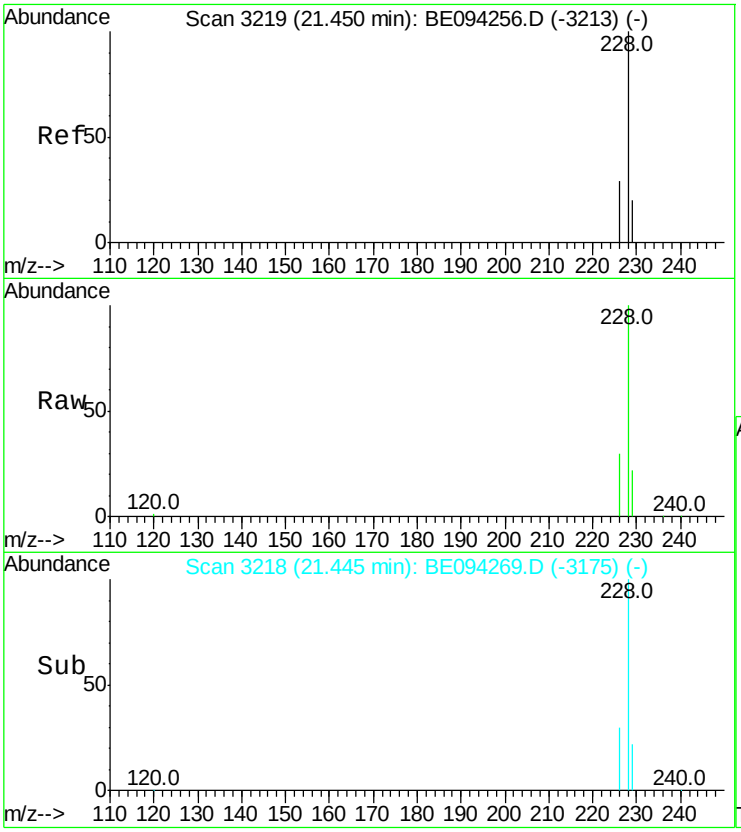


#18
Benzo(a)anthracene
Concen: 4.585 ng/ul
RT: 21.39 min Scan# 3206
Delta R.T. -0.00 min
Lab File: BE094269.D
Acq: 11 Oct 2017 2:13

Tgt Ion:228 Resp: 188259

Ion	Ratio	Lower	Upper
228	100		
229	20.7	22.8	34.2#
226	27.2	17.0	25.6#

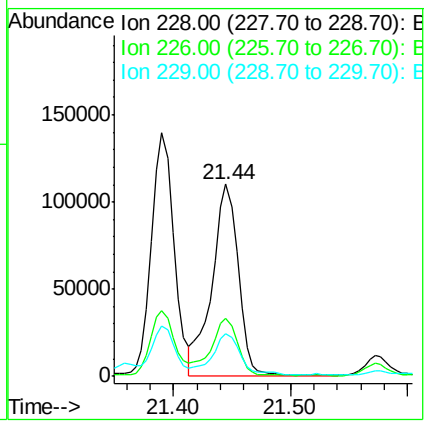




#19
Chrysene
Concen: 3.612 ng/ul
RT: 21.44 min Scan# 3218
Delta R.T. -0.00 min
Lab File: BE094269.D
Acq: 11 Oct 2017 2:13

Tgt Ion:228 Resp: 171276

Ion	Ratio	Lower	Upper
228	100		
226	30.1	23.4	35.0
229	22.2	17.7	26.5



Instrument :
BNA_E
ClientSampleId :
DUP-1DL

Manual Integrations APPROVED
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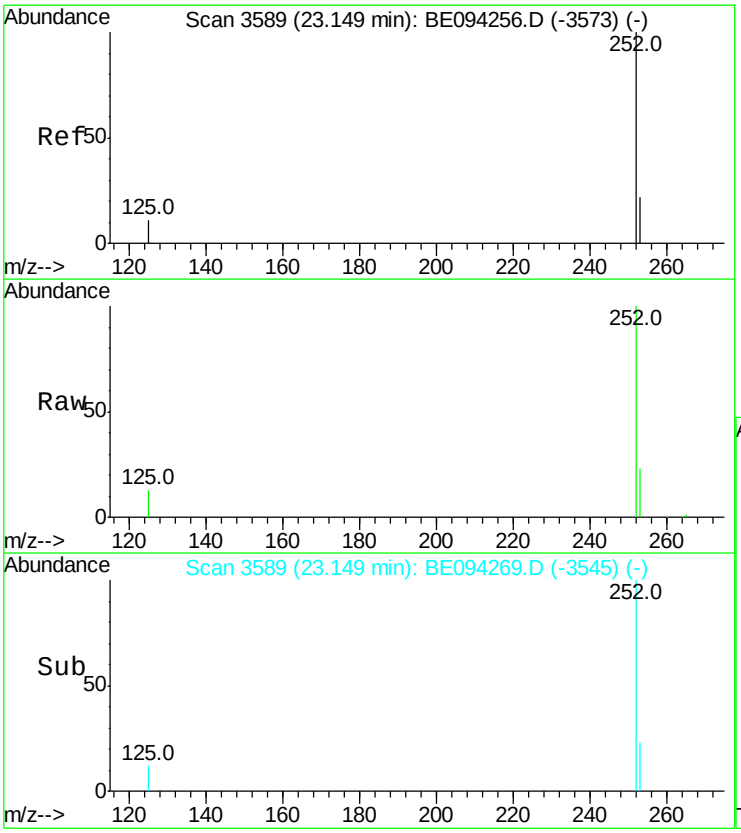
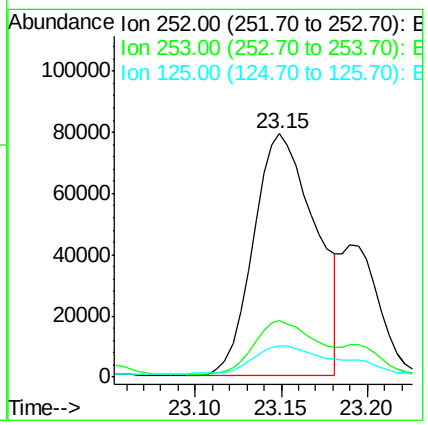
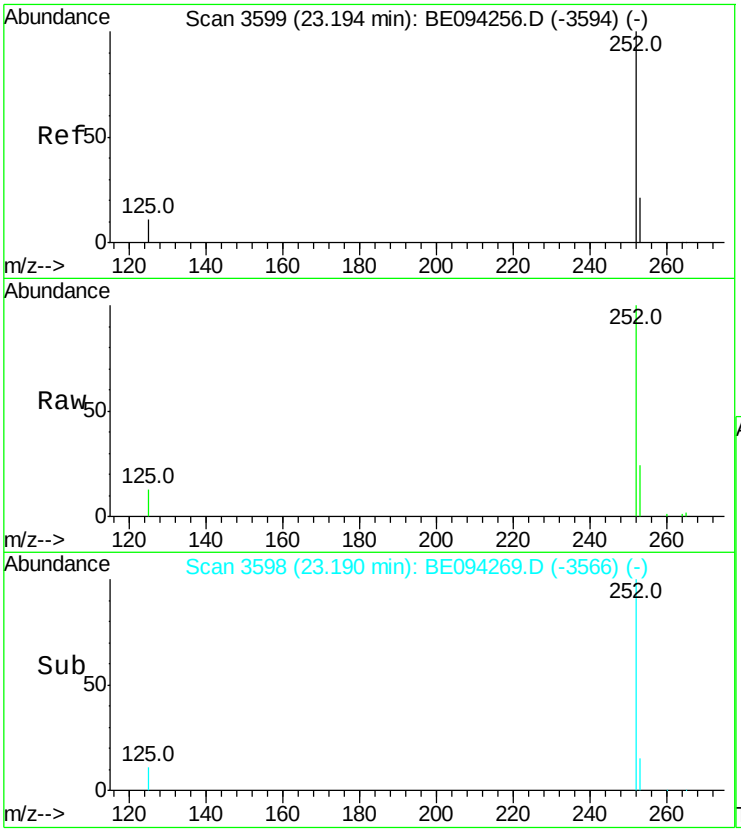


#21
Benzo(b)fluoranthene
Concen: 4.752 ng/ul m
RT: 23.15 min Scan# 3589
Delta R.T. 0.00 min
Lab File: BE094269.D
Acq: 11 Oct 2017 2:13

Tgt Ion:252 Resp: 198591

Ion	Ratio	Lower	Upper
252	100		
253	23.3	0.0	64.2
125	12.6	0.0	35.0





#22
Benzo(k)fluoranthene
Concen: 1.151 ng/ul m
RT: 23.19 min Scan# 3598
Delta R.T. -0.00 min
Lab File: BE094269.D
Acq: 11 Oct 2017 2:13

Tgt Ion:252 Resp: 55599

Ion	Ratio	Lower	Upper
252	100		
253	24.1	24.5	36.7#
125	13.2	13.7	20.5#

Instrument :
BNA_E
ClientSampleId :
DUP-1DL

Manual Integrations APPROVED
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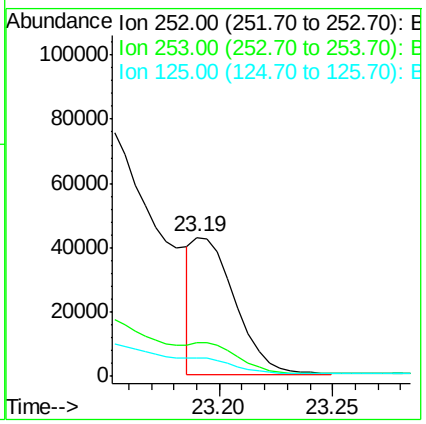
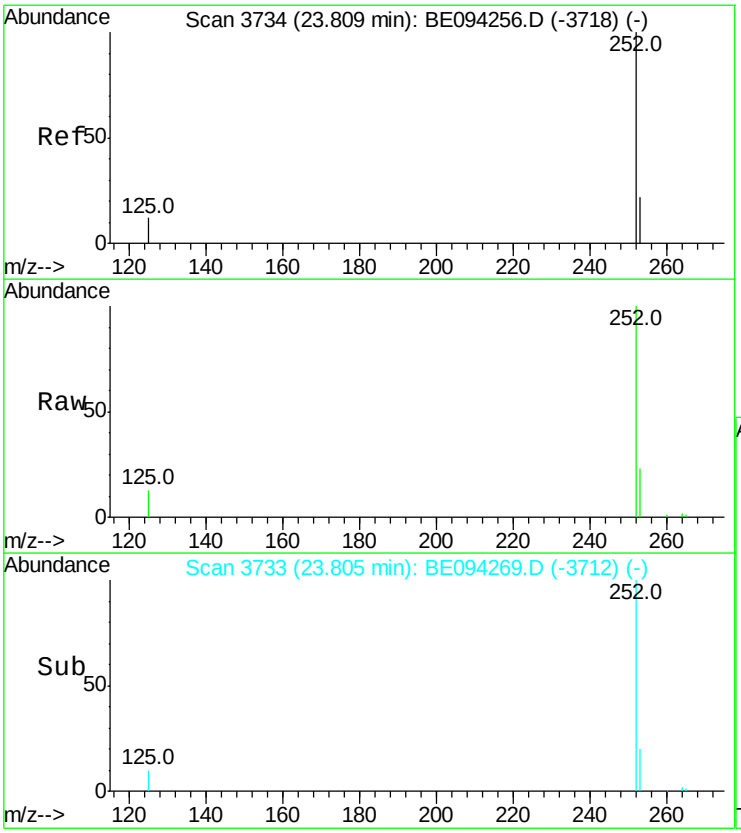
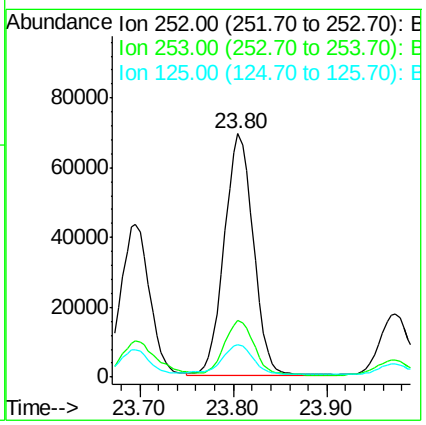


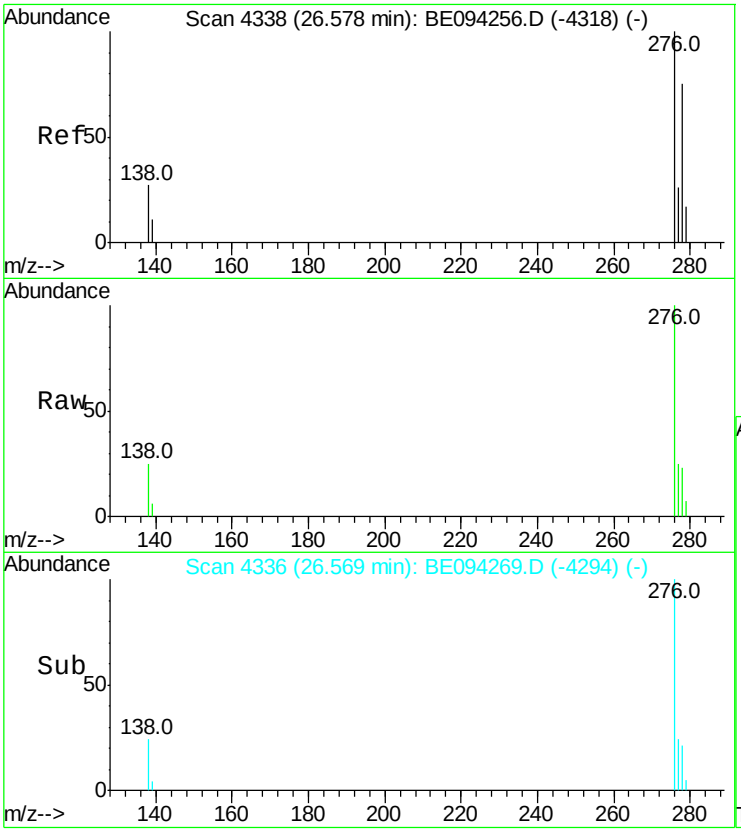


#23
Benzo(a)pyrene
Concen: 3.424 ng/ul
RT: 23.80 min Scan# 3733
Delta R.T. -0.00 min
Lab File: BE094269.D
Acq: 11 Oct 2017 2:13

Tgt Ion:252 Resp: 148700

Ion	Ratio	Lower	Upper
252	100		
253	23.4	28.5	42.7#
125	13.4	18.1	27.1#





#24
Indeno(1,2,3-cd)pyrene
Concen: 2.000 ng/ul
RT: 26.57 min Scan# 4336
Delta R.T. -0.01 min
Lab File: BE094269.D
Acq: 11 Oct 2017 2:13

Tgt Ion:276 Resp: 88830

Ion	Ratio	Lower	Upper
276	100		
138	23.5	28.0	42.0#
227	0.0	8.0	12.0#

Instrument :
BNA_E
ClientSampleId :
DUP-1DL

Manual Integrations APPROVED
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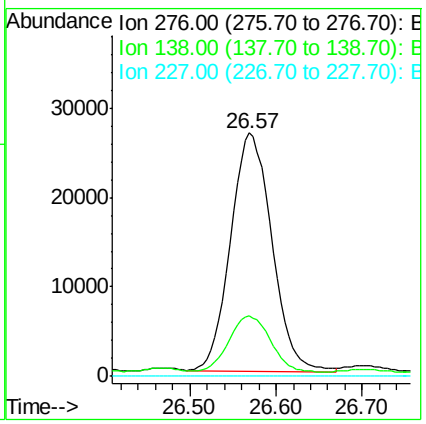
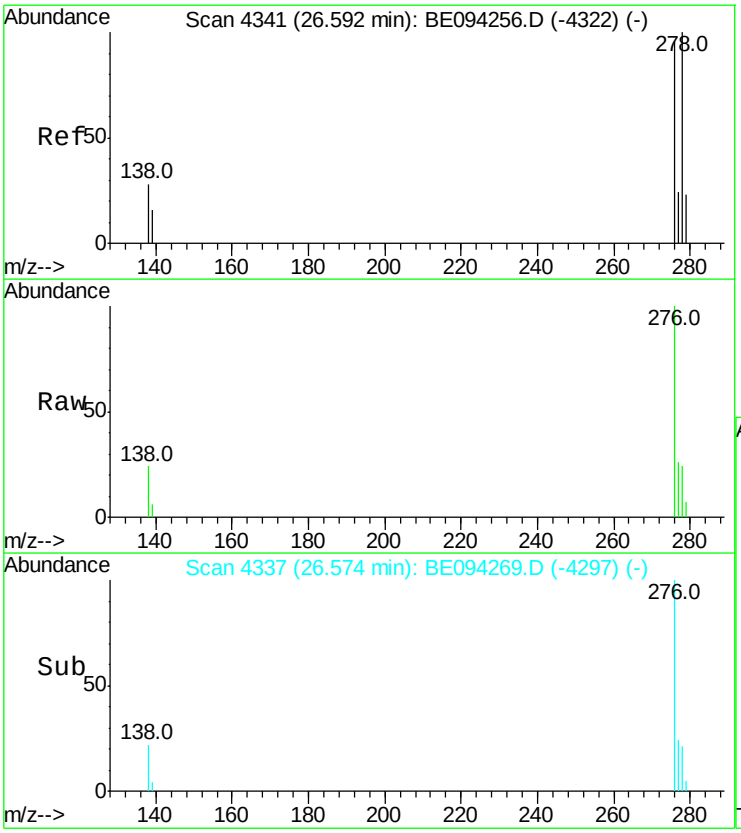
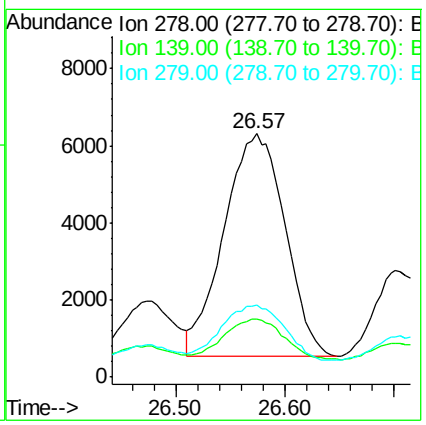


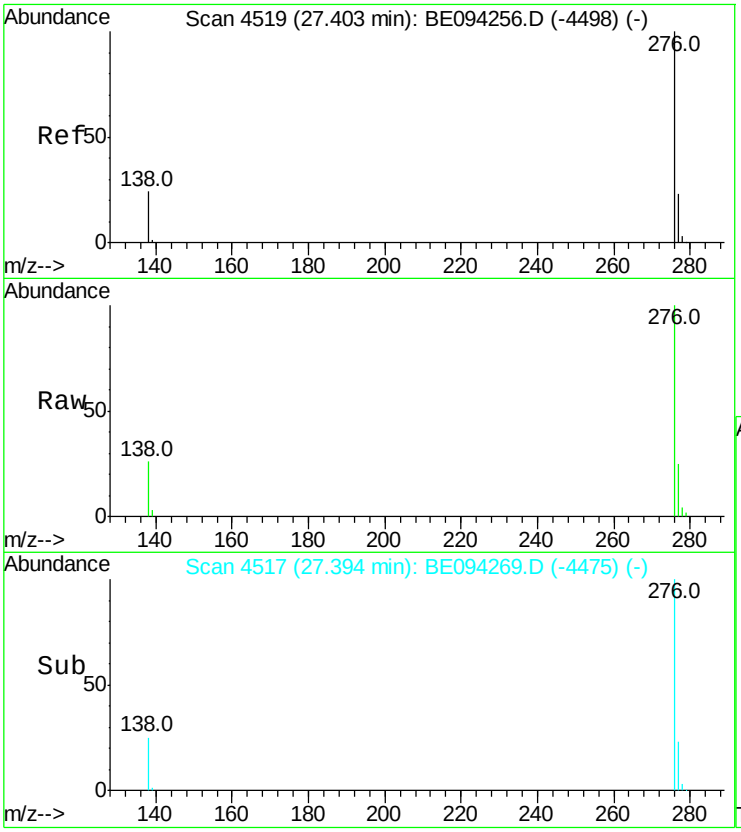


#25
Dibenzo(a,h)anthracene
Concen: 0.603 ng/ul
RT: 26.57 min Scan# 4337
Delta R.T. -0.02 min
Lab File: BE094269.D
Acq: 11 Oct 2017 2:13

Tgt Ion:278 Resp: 22468

Ion	Ratio	Lower	Upper
278	100		
139	23.6	17.4	26.0
279	29.6	25.9	38.9

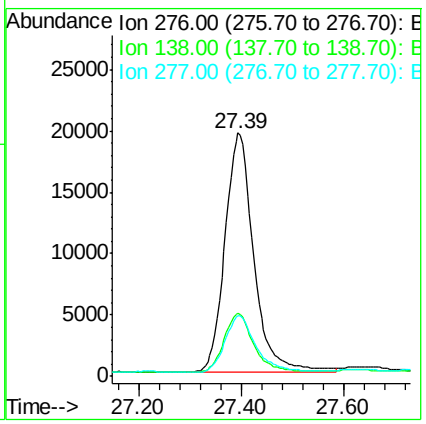




#26
Benzo(g,h,i)perylene
Concen: 1.993 ng/ul
RT: 27.39 min Scan# 4517
Delta R.T. -0.01 min
Lab File: BE094269.D
Acq: 11 Oct 2017 2:13

Tgt Ion:276 Resp: 76382

Ion	Ratio	Lower	Upper
276	100		
138	25.9	21.8	32.8
277	25.0	20.5	30.7



Instrument :
BNA_E
ClientSampleId :
DUP-1DL

Manual Integrations APPROVED
Sohil
10/11/2017 7:20:26 PM