Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE101017\
Data File : BE094261.D
Acq On : 10 Oct 2017 21:17
Operator : SJ/JU
Sample : I5522-18DL 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AC4DL

Manual Integrations APPROVED
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Quant Time: Oct 11 07:49:39 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	1973	0.40	ng/ul	0.00
2) Naphthalene-d8	10.69	136	9920	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.51	164	5407	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.24	188	11549	0.40	ng/ul	-0.02
16) Chrysene-d12	21.41	240	11875	0.40	ng/ul	0.00
20) Perylene-d12	23.92	264	11704	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	1002	0.07	ng/ul	0.00
14) Fluoranthene-d10	19.27	212	2438	0.06	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.74	128	583	0.024	ng/ul#	75
8) Acenaphthene	14.57	153	640	0.037	ng/ul	97
9) Fluorene	15.56	166	628	0.031	ng/ul#	87
12) Phenanthrene	17.29	178	13705m	0.454	ng/ul	
13) Anthracene	17.38	178	3051	0.104	ng/ul	96
15) Fluoranthene	19.30	202	24555	0.619	ng/ul	84
17) Pyrene	19.66	202	21306	0.645	ng/ul#	85
18) Benzo(a)anthracene	21.39	228	11872	0.377	ng/ul#	87
19) Chrysene	21.45	228	11238	0.309	ng/ul	93
21) Benzo(b)fluoranthene	23.15	252	13702m	0.431	ng/ul	
22) Benzo(k)fluoranthene	23.19	252	4769m	0.130	ng/ul	
23) Benzo(a)pyrene	23.81	252	9573	0.290	ng/ul	91
24) Indeno(1,2,3-cd)pyrene	26.57	276	5849	0.173	ng/ul#	79
25) Dibenzo(a,h)anthracene	26.58	278	1535	0.054	ng/ul#	37
26) Benzo(g,h,i)perylene	27.40	276	4425	0.152	ng/ul#	73

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

Quantitation Report (QT Reviewed)

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Instrument :
BNA_E
ClientSampleId :
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Manual Integrations APPROVED
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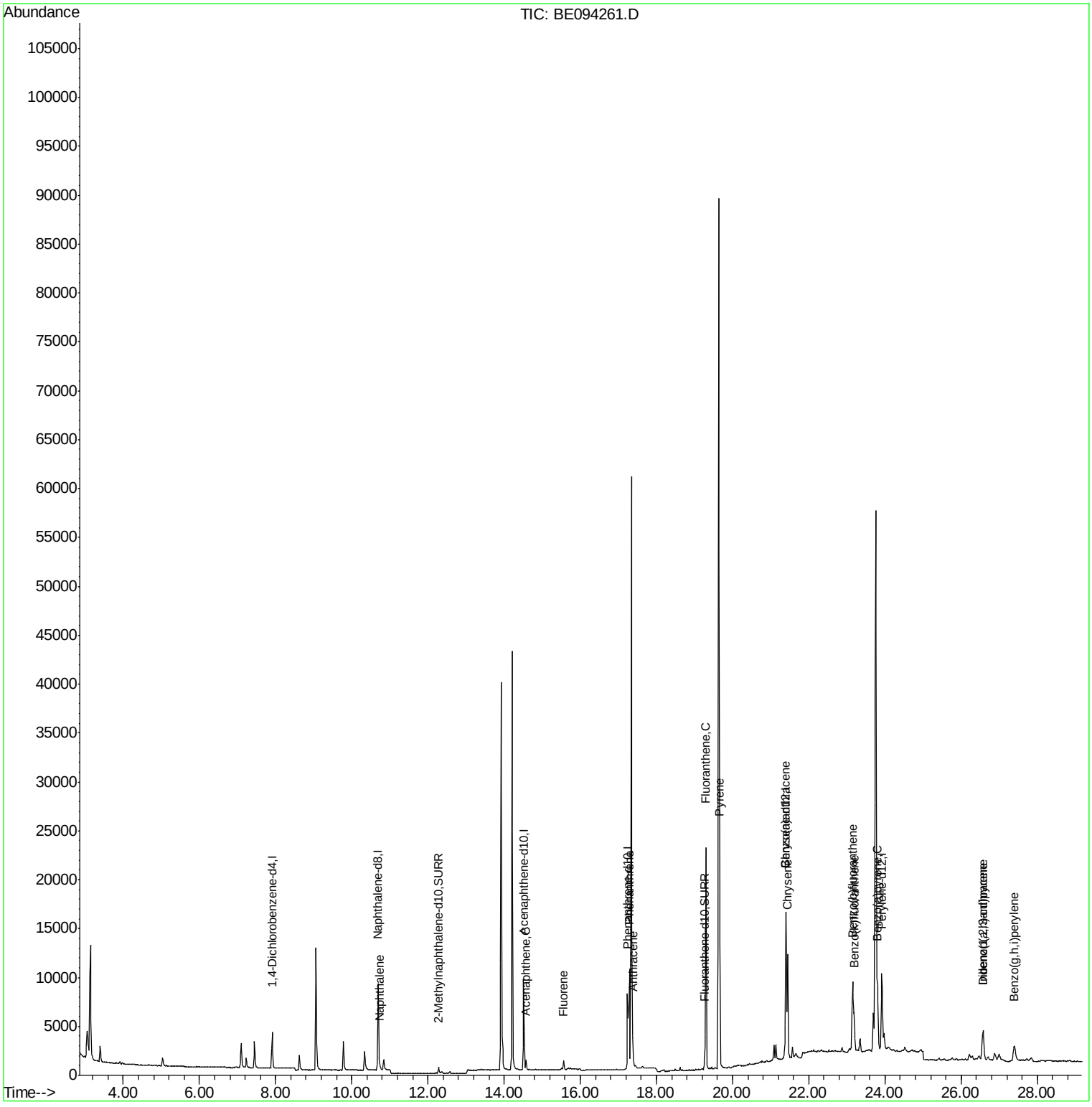
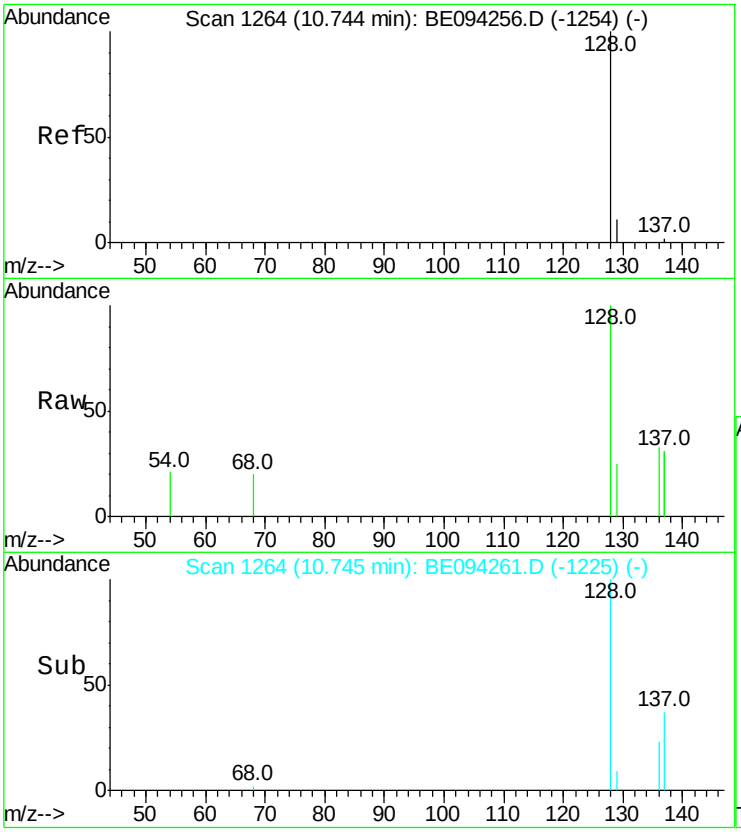
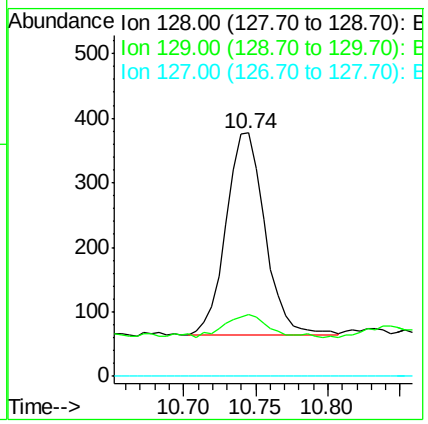




#3
Naphthalene
Concen: 0.024 ng/ul
RT: 10.74 min Scan# 1264
Delta R.T. 0.00 min
Lab File: BE094261.D
Acq: 10 Oct 2017 21:17

Tgt Ion:128 Resp: 583

Ion	Ratio	Lower	Upper
128	100		
129	25.5	11.3	16.9#
127	0.0	4.0	6.0#



Instrument :
BNA_E
ClientSampleId :
C0AC4DL

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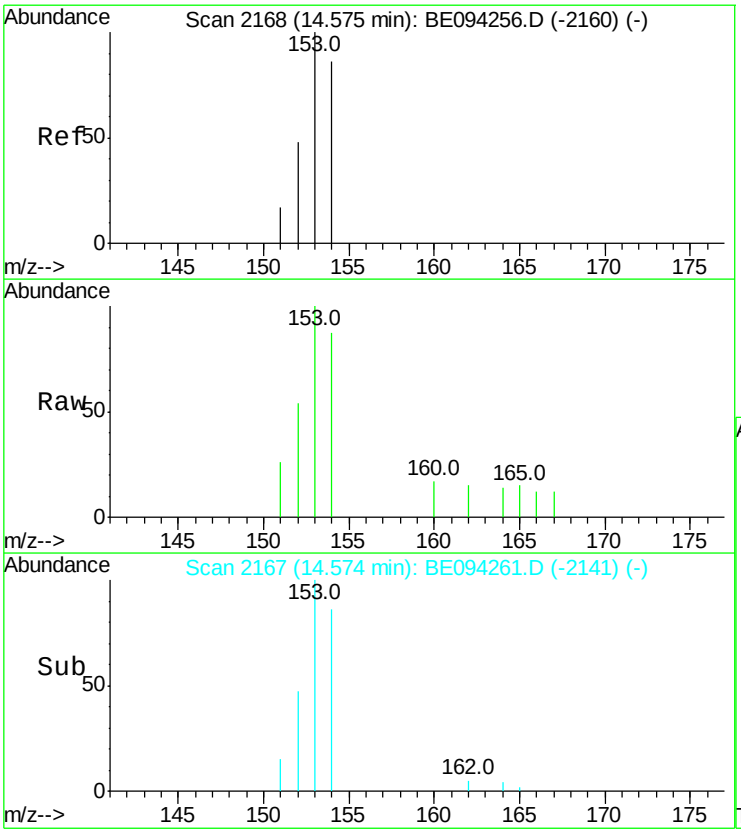
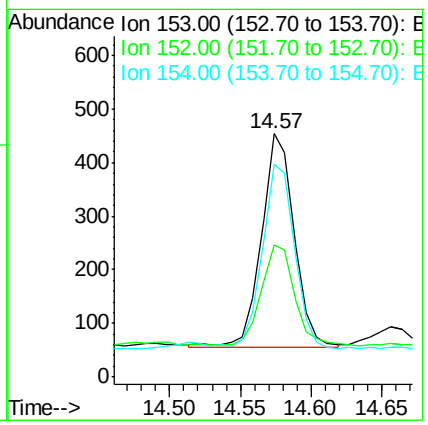
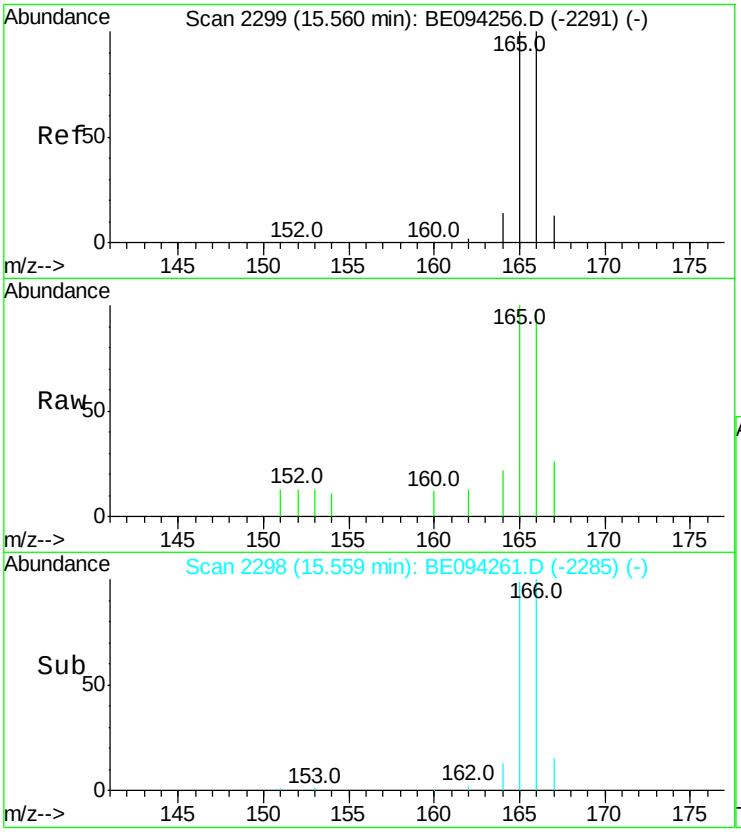


#8
Acenaphthene
Concen: 0.037 ng/ul
RT: 14.57 min Scan# 2167
Delta R.T. -0.00 min
Lab File: BE094261.D
Acq: 10 Oct 2017 21:17

Tgt Ion:153 Resp: 640

Ion	Ratio	Lower	Upper
153	100		
152	54.4	40.3	60.5
154	87.4	71.4	107.2

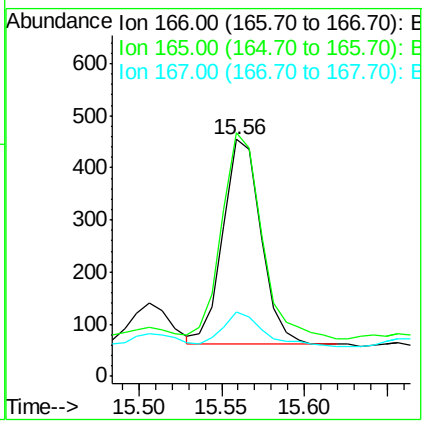




#9
Fluorene
Concen: 0.031 ng/ul
RT: 15.56 min Scan# 2298
Delta R.T. -0.00 min
Lab File: BE094261.D
Acq: 10 Oct 2017 21:17

Tgt Ion:166 Resp: 628

Ion	Ratio	Lower	Upper
166	100		
165	102.9	73.4	110.2
167	27.1	14.6	22.0#



Instrument :
BNA_E
ClientSampleId :
C0AC4DL

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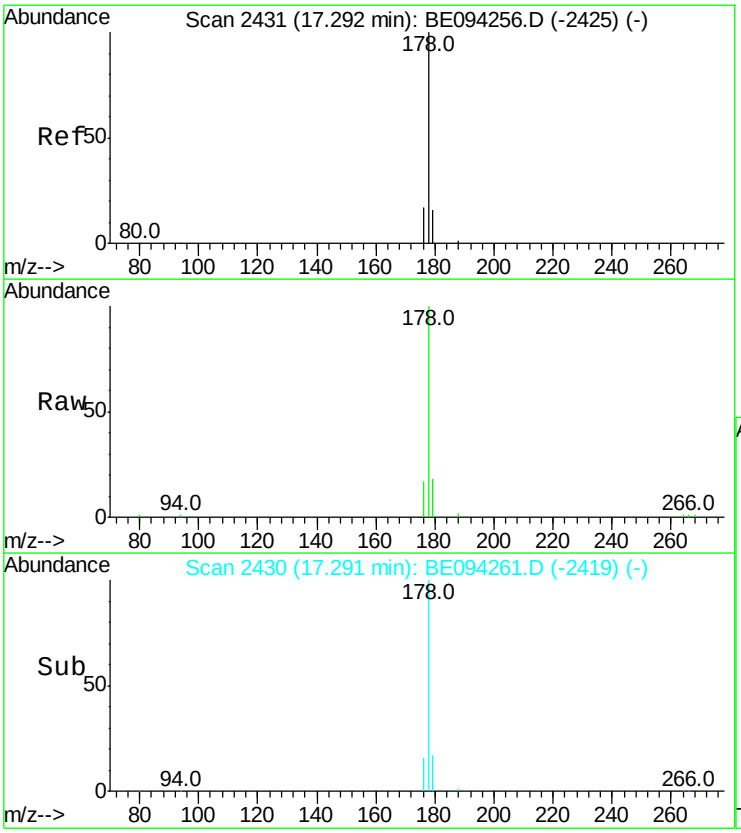
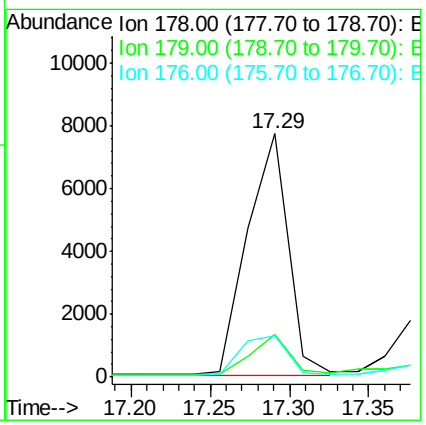
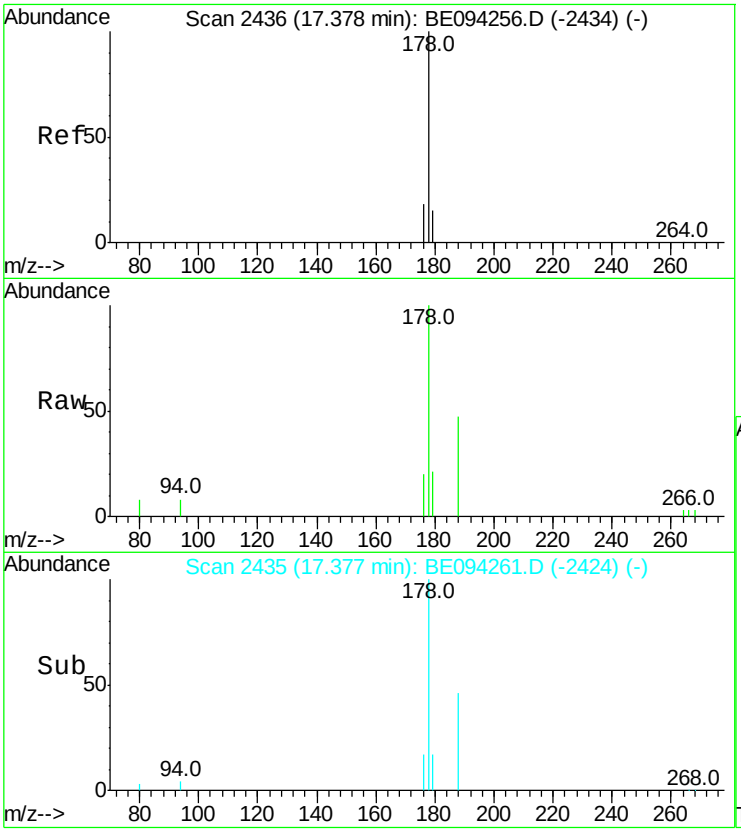


#12
Phenanthrene
Concen: 0.454 ng/ul m
RT: 17.29 min Scan# 2430
Delta R.T. -0.00 min
Lab File: BE094261.D
Acq: 10 Oct 2017 21:17

Tgt Ion:178 Resp: 13705

Ion	Ratio	Lower	Upper
178	100		
179	17.7	18.4	27.6#
176	17.0	13.6	20.4

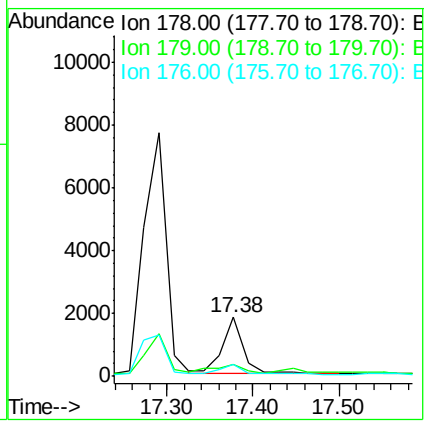




#13
Anthracene
Concen: 0.104 ng/ul
RT: 17.38 min Scan# 2435
Delta R.T. -0.00 min
Lab File: BE094261.D
Acq: 10 Oct 2017 21:17

Tgt Ion:178 Resp: 3051

Ion	Ratio	Lower	Upper
178	100		
179	20.8	18.1	27.1
176	19.9	14.7	22.1



Instrument :
BNA_E
ClientSampleId :
C0AC4DL

Manual Integrations APPROVED
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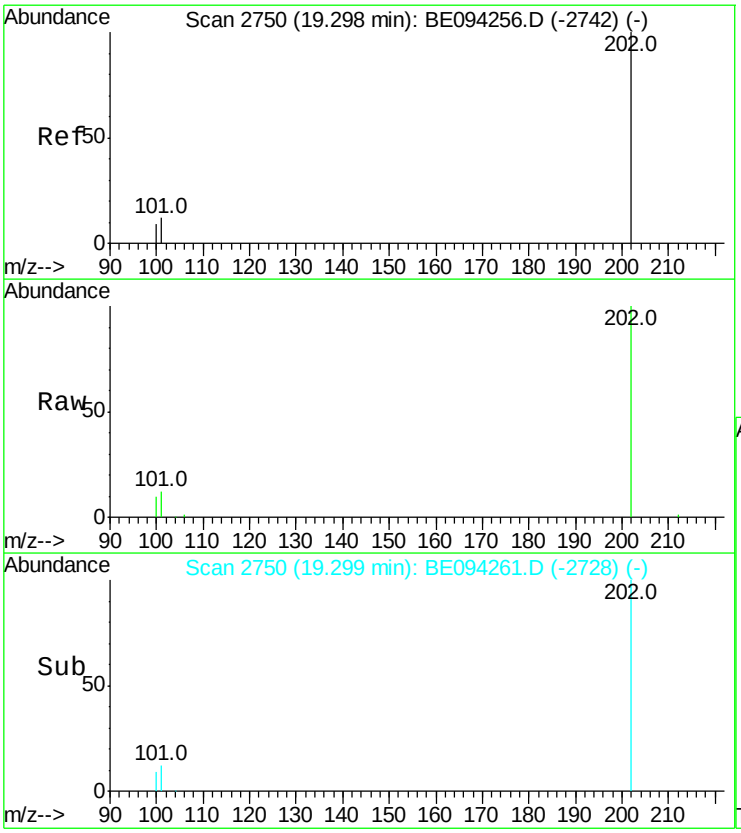
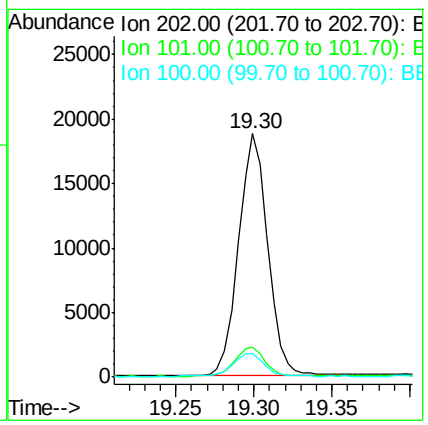
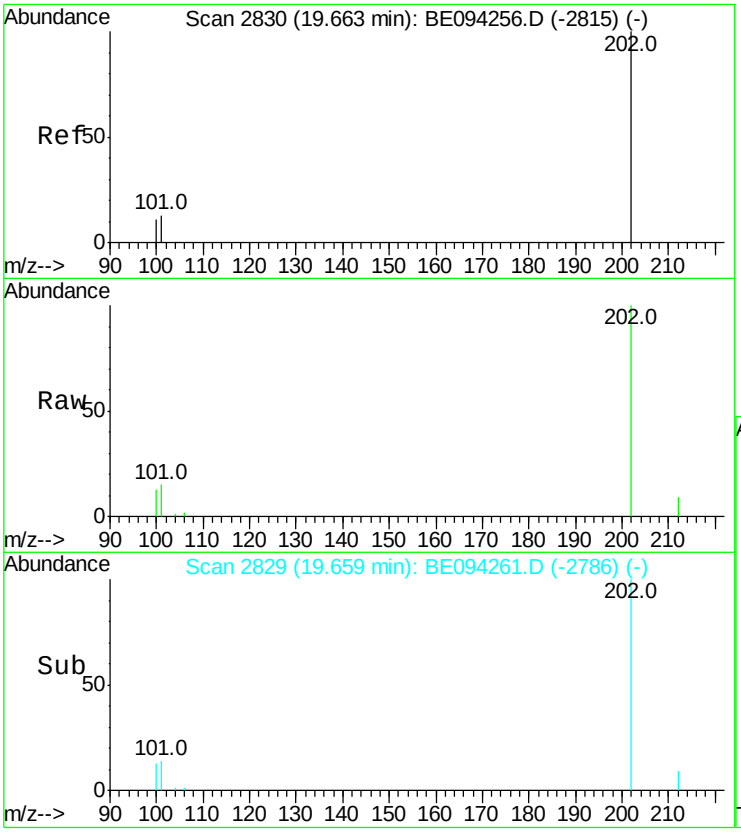


#15
Fluoranthene
Concen: 0.619 ng/ul
RT: 19.30 min Scan# 2750
Delta R.T. 0.00 min
Lab File: BE094261.D
Acq: 10 Oct 2017 21:17

Tgt Ion:202 Resp: 24555

Ion	Ratio	Lower	Upper
202	100		
101	12.0	0.0	30.3
100	9.6	0.0	39.5





#17
Pyrene
Concen: 0.645 ng/ul
RT: 19.66 min Scan# 2829
Delta R.T. -0.00 min
Lab File: BE094261.D
Acq: 10 Oct 2017 21:17

Tgt Ion:202 Resp: 21306

Ion	Ratio	Lower	Upper
202	100		
101	15.0	18.2	27.4#
100	13.3	15.6	23.4#

Instrument :
BNA_E
ClientSampleId :
C0AC4DL

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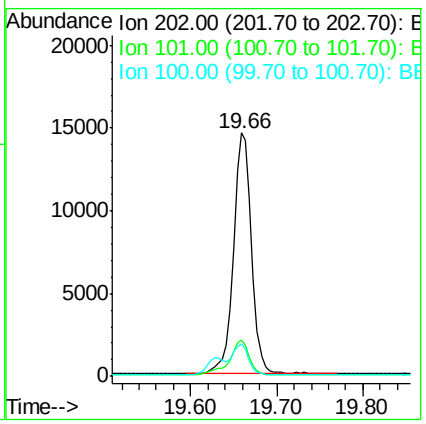
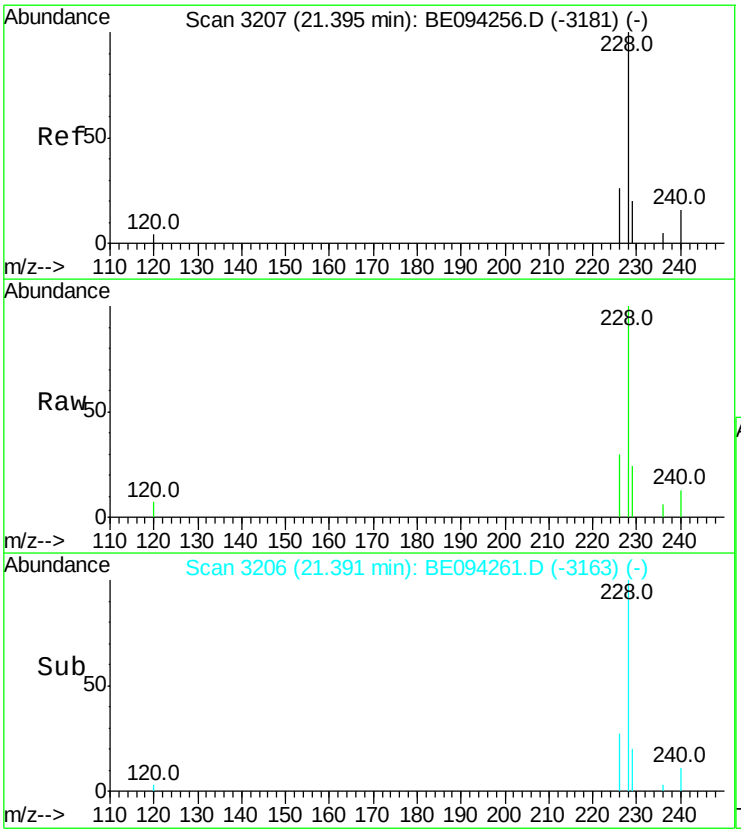
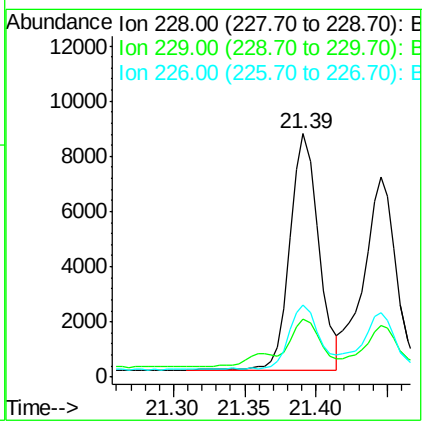


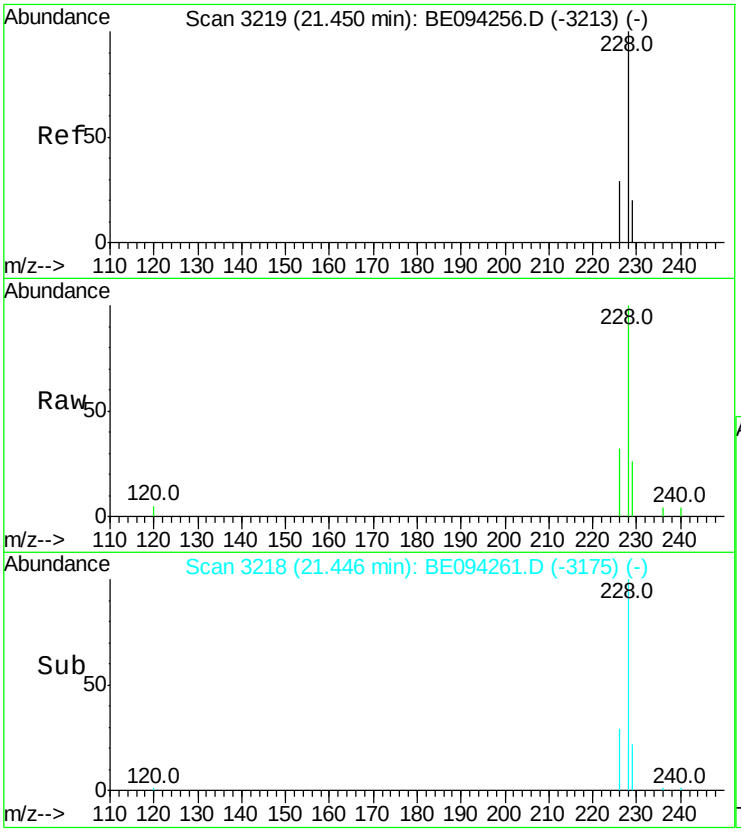


#18
Benzo(a)anthracene
Concen: 0.377 ng/ul
RT: 21.39 min Scan# 3206
Delta R.T. -0.00 min
Lab File: BE094261.D
Acq: 10 Oct 2017 21:17

Tgt Ion:228 Resp: 11872

Ion	Ratio	Lower	Upper
228	100		
229	23.6	22.8	34.2
226	29.5	17.0	25.6#

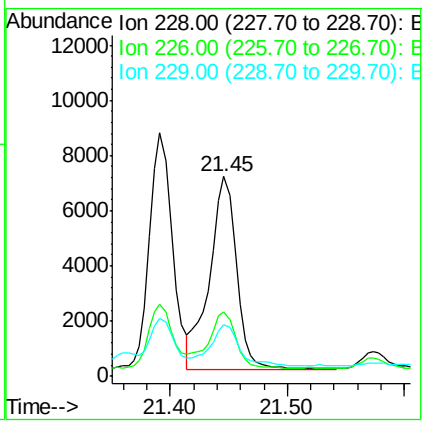




#19
Chrysene
Concen: 0.309 ng/ul
RT: 21.45 min Scan# 3218
Delta R.T. -0.00 min
Lab File: BE094261.D
Acq: 10 Oct 2017 21:17

Tgt Ion:228 Resp: 11238

Ion	Ratio	Lower	Upper
228	100		
226	32.2	23.4	35.0
229	26.0	17.7	26.5



Instrument :
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ClientSampleId :
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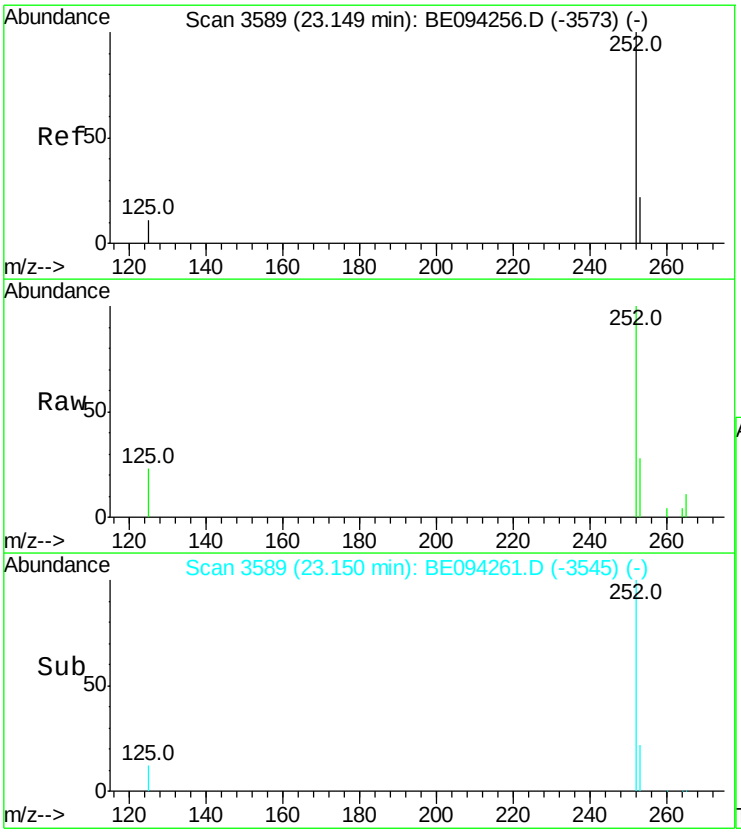
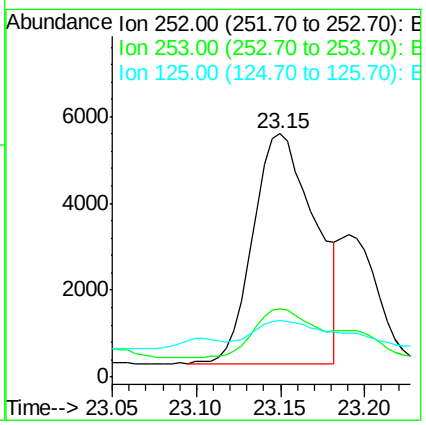
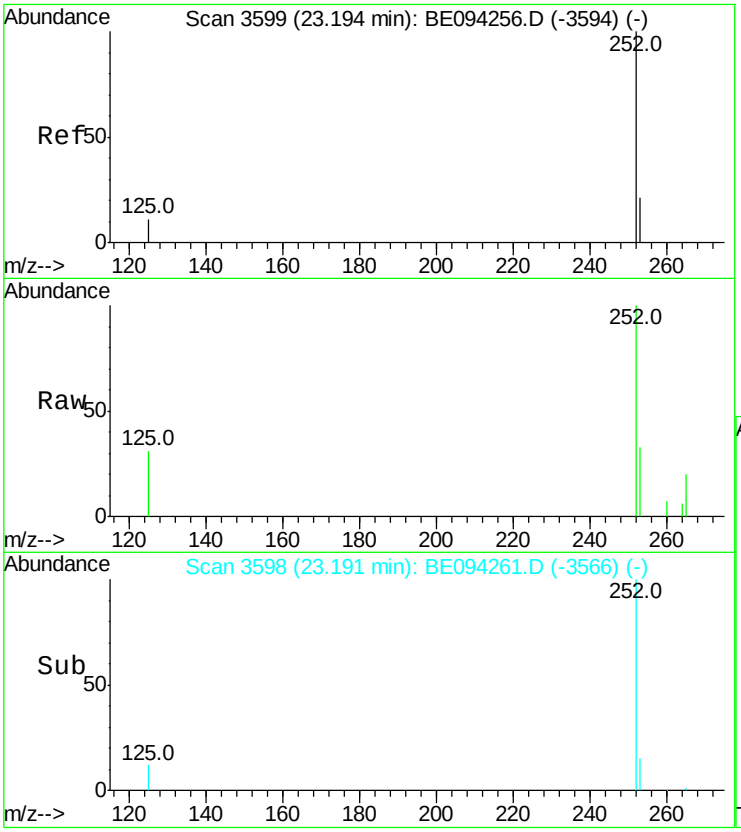


#21
Benzo(b)fluoranthene
Concen: 0.431 ng/ul m
RT: 23.15 min Scan# 3589
Delta R.T. 0.00 min
Lab File: BE094261.D
Acq: 10 Oct 2017 21:17

Tgt Ion:252 Resp: 13702

Ion	Ratio	Lower	Upper
252	100		
253	28.0	0.0	64.2
125	23.4	0.0	35.0





#22
Benzo(k)fluoranthene
Concen: 0.130 ng/ul m
RT: 23.19 min Scan# 3598
Delta R.T. -0.00 min
Lab File: BE094261.D
Acq: 10 Oct 2017 21:17

Tgt Ion:252 Resp: 4769

Ion	Ratio	Lower	Upper
252	100		
253	32.9	24.5	36.7
125	30.8	13.7	20.5#

Instrument :
BNA_E
ClientSampleId :
C0AC4DL

Manual Integrations APPROVED
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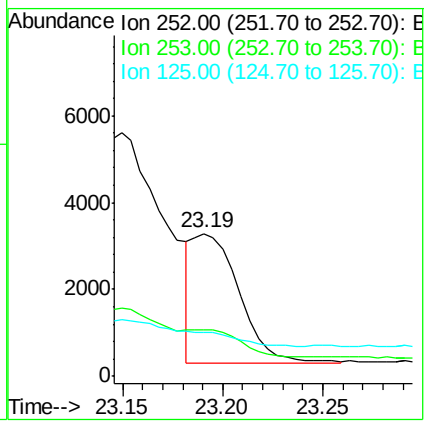
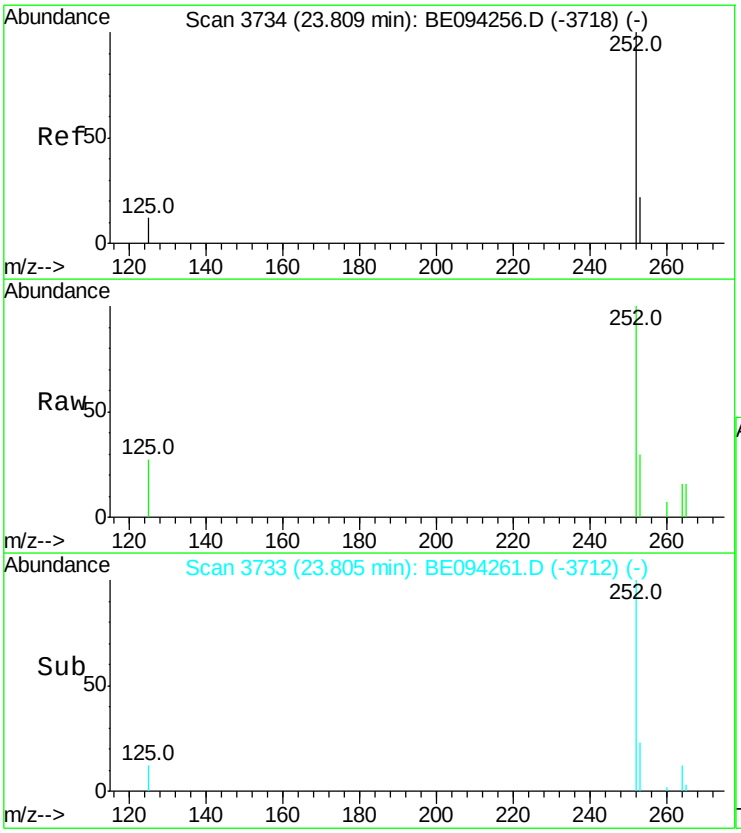
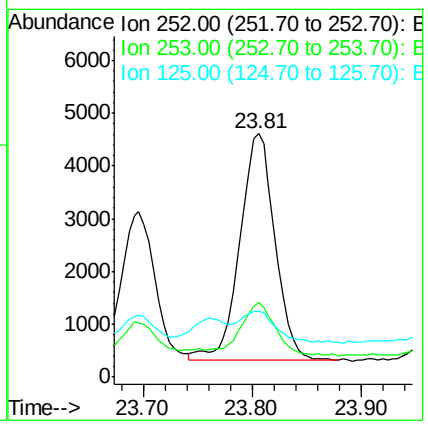


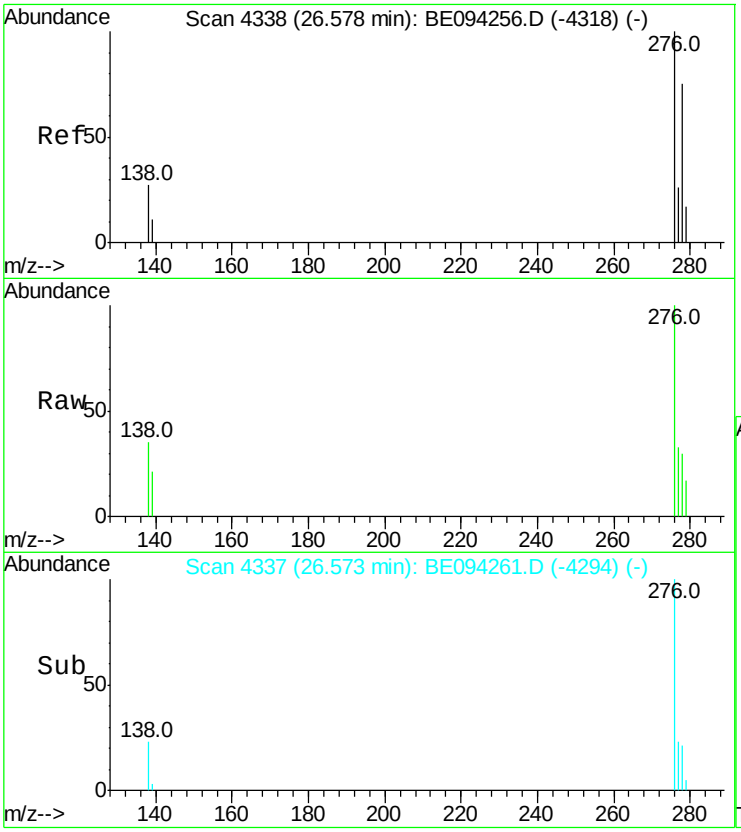


#23
Benzo(a)pyrene
Concen: 0.290 ng/ul
RT: 23.81 min Scan# 3733
Delta R.T. -0.00 min
Lab File: BE094261.D
Acq: 10 Oct 2017 21:17

Tgt Ion:252 Resp: 9573

Ion	Ratio	Lower	Upper
252	100		
253	30.4	28.5	42.7
125	27.1	18.1	27.1





#24
Indeno(1,2,3-cd)pyrene
Concen: 0.173 ng/ul
RT: 26.57 min Scan# 4337
Delta R.T. -0.01 min
Lab File: BE094261.D
Acq: 10 Oct 2017 21:17

Instrument :
BNA_E
ClientSampleId :
C0AC4DL

Manual Integrations APPROVED
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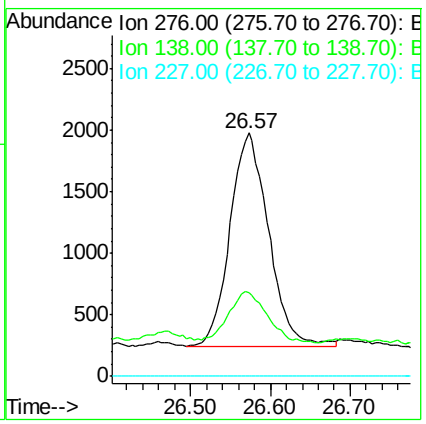
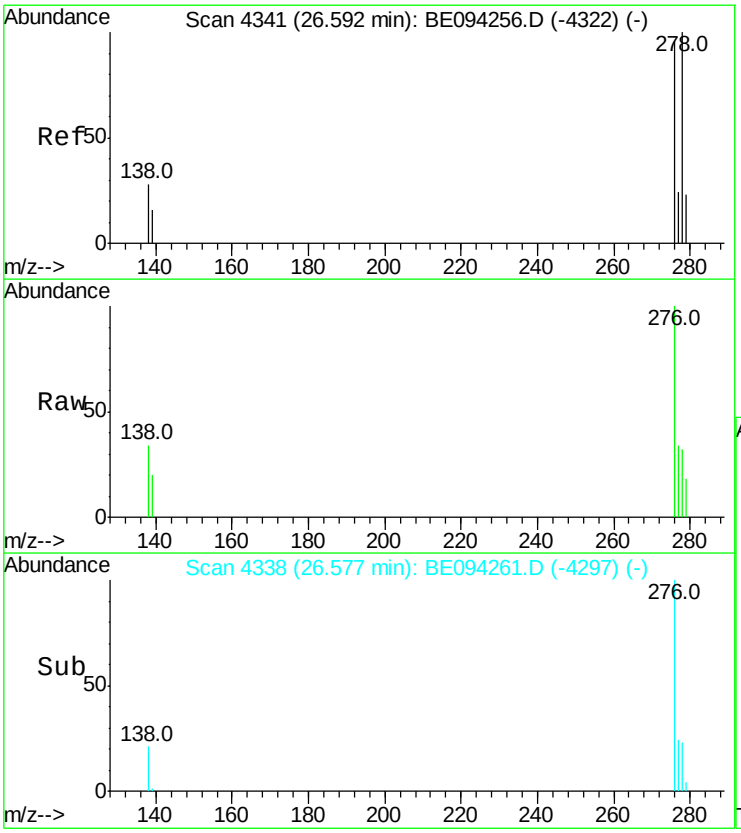
Tgt Ion:276 Resp: 5849

Ion	Ratio	Lower	Upper
276	100		
138	24.1	28.0	42.0#
227	0.0	8.0	12.0#

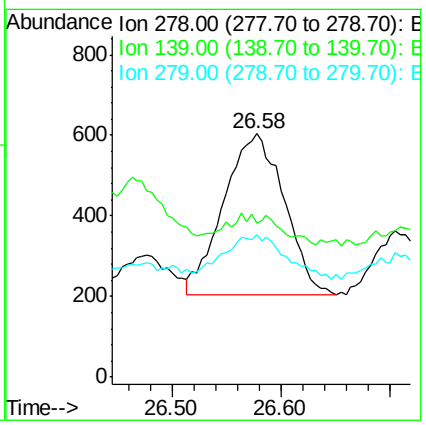


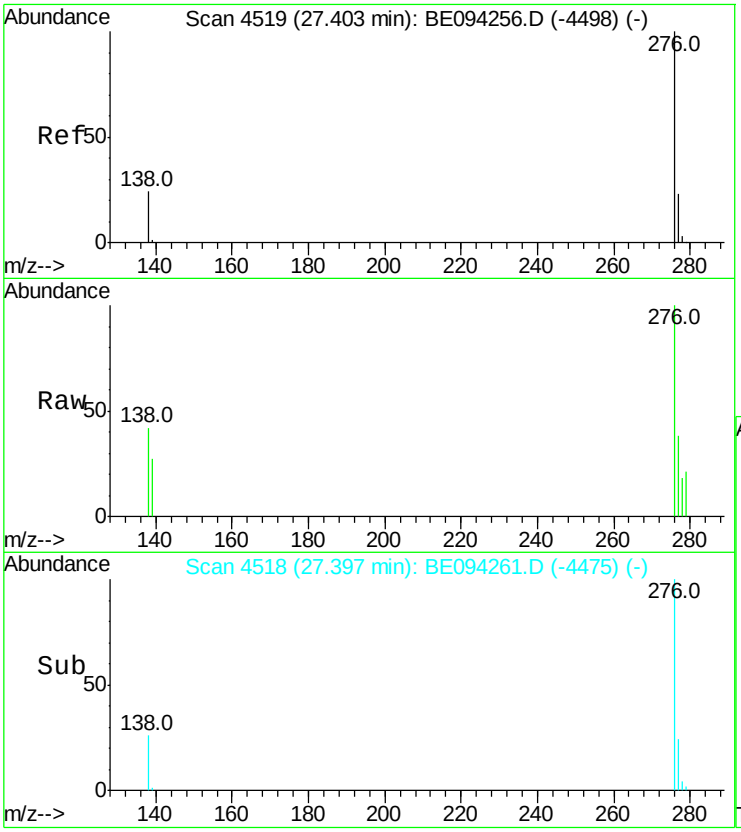


#25
Dibenzo(a,h)anthracene
Concen: 0.054 ng/ul
RT: 26.58 min Scan# 4338
Delta R.T. -0.01 min
Lab File: BE094261.D
Acq: 10 Oct 2017 21:17

Tgt Ion:278 Resp: 1535

Ion	Ratio	Lower	Upper
278	100		
139	63.4	17.4	26.0#
279	58.4	25.9	38.9#

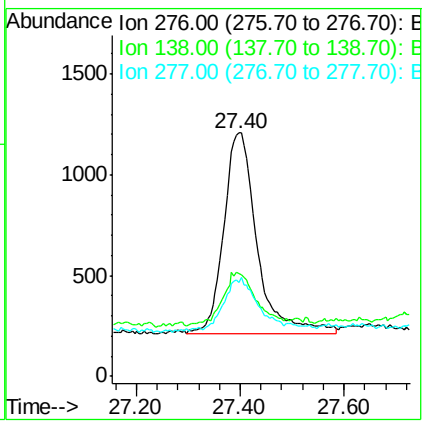




#26
Benzo(g,h,i)perylene
Concen: 0.152 ng/ul
RT: 27.40 min Scan# 4518
Delta R.T. -0.01 min
Lab File: BE094261.D
Acq: 10 Oct 2017 21:17

Tgt Ion:276 Resp: 4425

Ion	Ratio	Lower	Upper
276	100		
138	42.1	21.8	32.8#
277	38.3	20.5	30.7#



Instrument :
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ClientSampleId :
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