Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA E\DATA\BE101417\
Data File : BE094382.D
Acq On : 15 Oct 2017 7:39
Operator : SJ/JU
Sample : I5548-09DL 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AC2DL

Manual Integrations APPROVED
Sohil
10/16/2017 8:25:51 PM

Quant Time: Oct 16 06:31:40 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 16 05:09:03 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	1904	0.40	ng/ul	0.00
2) Naphthalene-d8	10.70	136	10352	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	6224	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	14250	0.40	ng/ul	0.00
16) Chrysene-d12	21.42	240	13754	0.40	ng/ul	0.00
20) Perylene-d12	23.95	264	13564	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	650	0.04	ng/ul	0.00
14) Fluoranthene-d10	19.28	212	1845	0.04	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.75	128	553	0.022	ng/ul#	68
7) Acenaphthylene	14.24	152	2024	0.083	ng/ul	96
8) Acenaphthene	14.58	153	687	0.034	ng/ul	97
9) Fluorene	15.57	166	1400	0.060	ng/ul	93
12) Phenanthrene	17.29	178	39767	1.068	ng/ul#	88
13) Anthracene	17.38	178	8757	0.242	ng/ul#	90
15) Fluoranthene	19.31	202	88346	1.806	ng/ul	84
17) Pyrene	19.67	202	76288	1.993	ng/ul#	80
18) Benzo(a)anthracene	21.40	228	40567	1.112	ng/ul#	87
19) Chrysene	21.46	228	38433	0.912	ng/ul	97
21) Benzo(b)fluoranthene	23.17	252	46224m	1.255	ng/ul	
22) Benzo(k)fluoranthene	23.21	252	17651m	0.414	ng/ul	
23) Benzo(a)pyrene	23.83	252	31880	0.833	ng/ul#	85
24) Indeno(1,2,3-cd)pyrene	26.62	276	20852	0.532	ng/ul#	78
25) Dibenzo(a,h)anthracene	26.62	278	5579	0.170	ng/ul#	76
26) Benzo(g,h,i)perylene	27.45	276	15959	0.472	ng/ul	96

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

Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA E\DATA\BE101417\
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Instrument :
BNA_E
ClientSampleId :
C0AC2DL

Manual Integrations APPROVED
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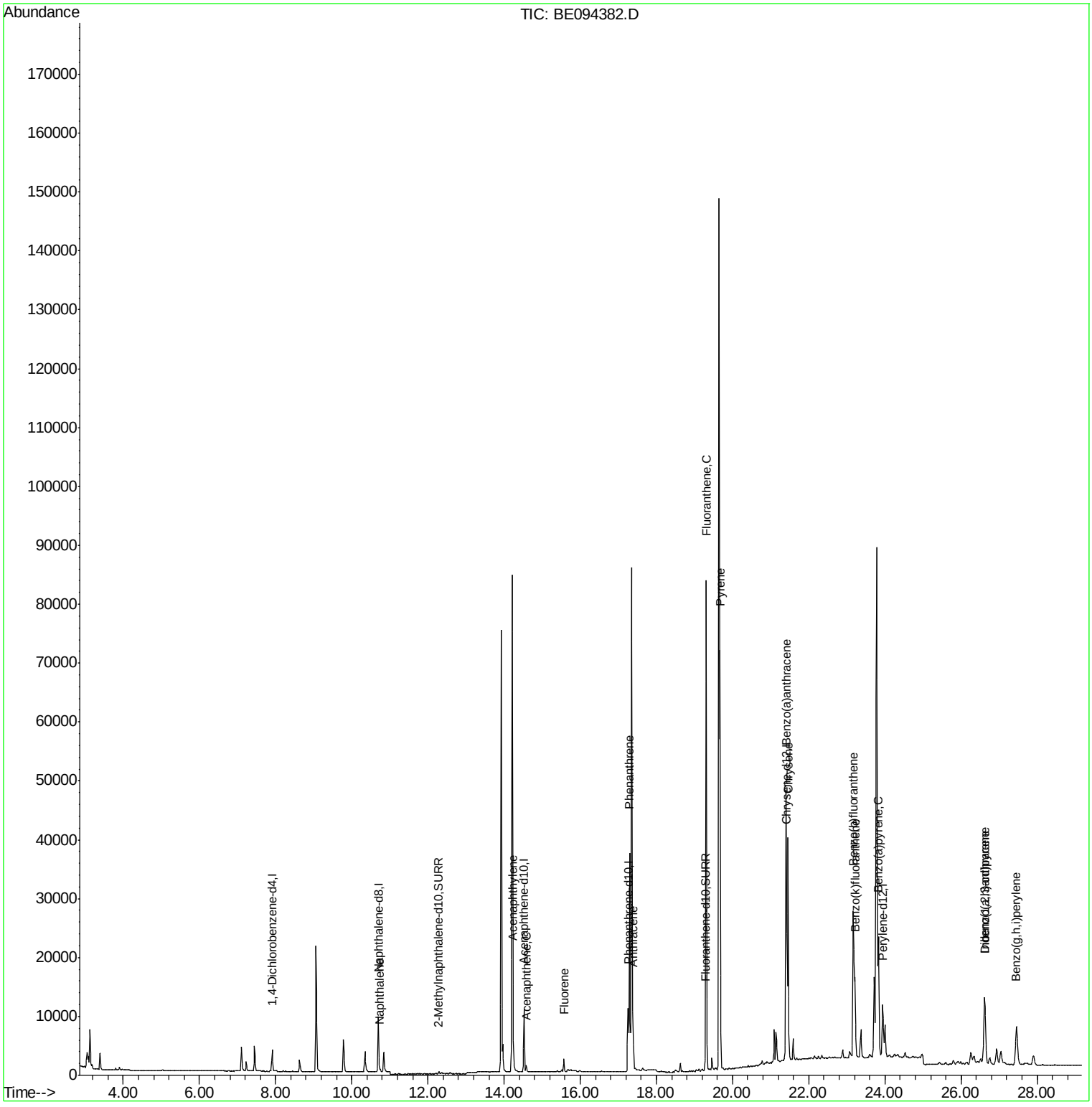
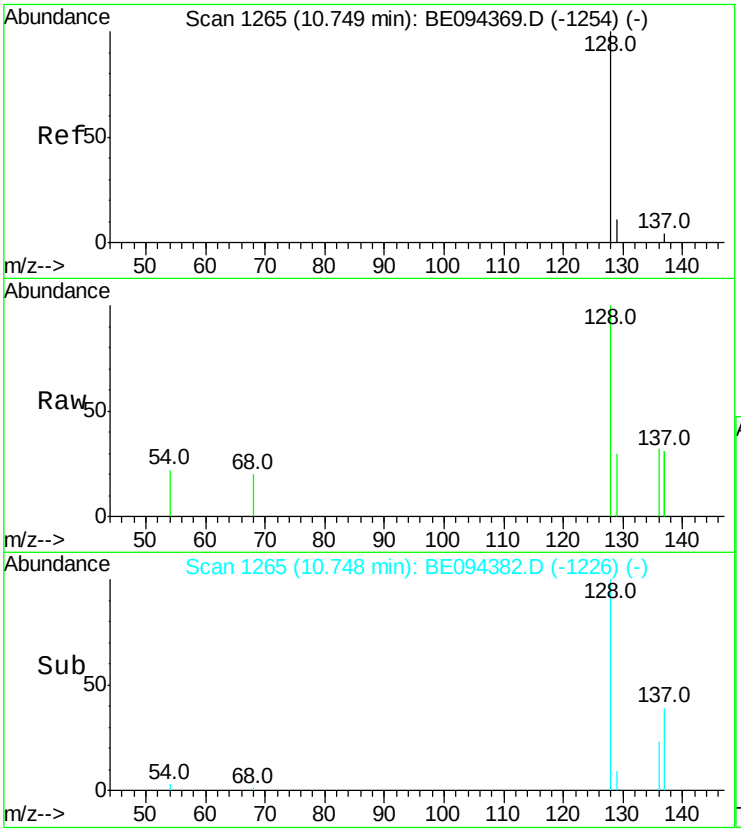
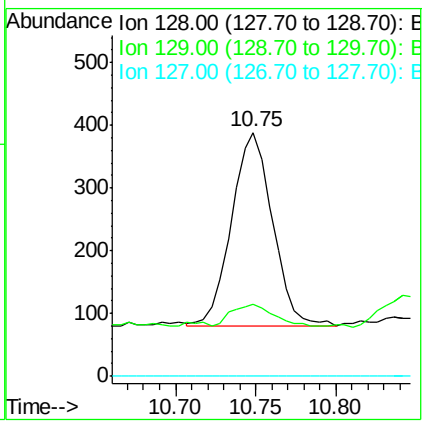




#3
Naphthalene
Concen: 0.022 ng/ul
RT: 10.75 min Scan# 1265
Delta R.T. -0.00 min
Lab File: BE094382.D
Acq: 15 Oct 2017 7:39

Tgt Ion:128 Resp: 553

Ion	Ratio	Lower	Upper
128	100		
129	29.6	11.3	16.9#
127	0.0	4.0	6.0#



Instrument :
BNA_E
ClientSampleId :
C0AC2DL

Manual Integrations APPROVED
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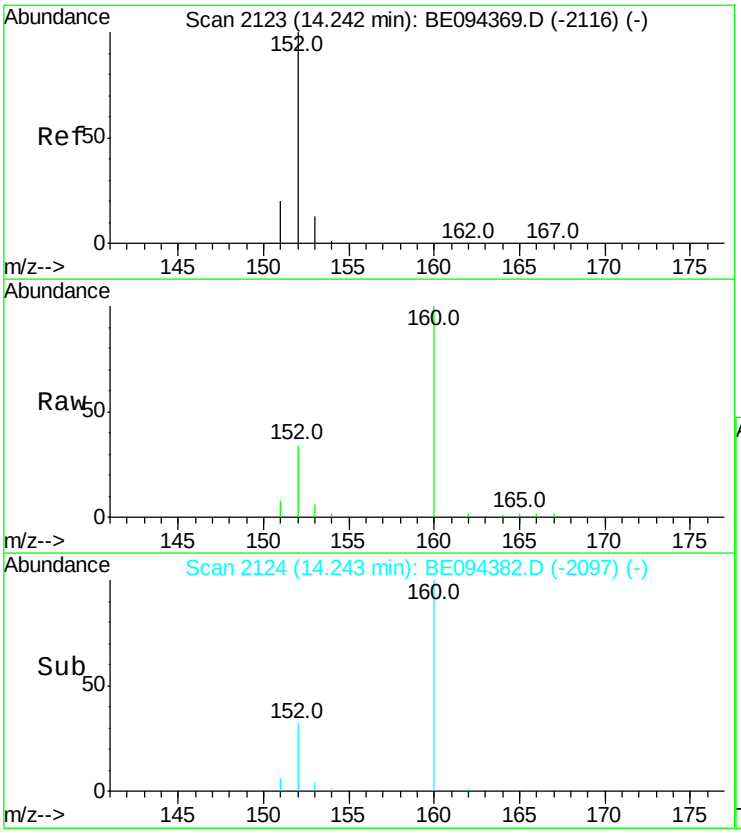
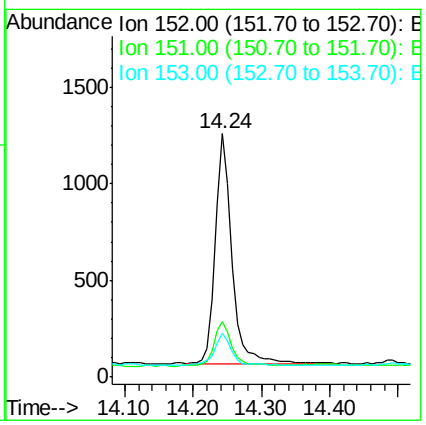
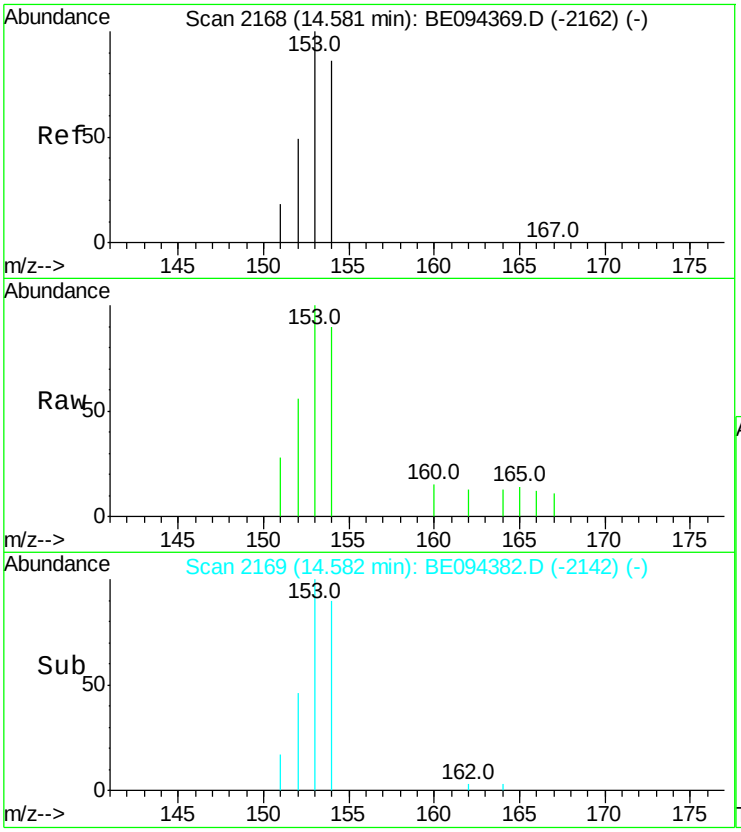


#7
Acenaphthylene
Concen: 0.083 ng/ul
RT: 14.24 min Scan# 2124
Delta R.T. 0.00 min
Lab File: BE094382.D
Acq: 15 Oct 2017 7:39

Tgt Ion:152 Resp: 2024

Ion	Ratio	Lower	Upper
152	100		
151	23.0	17.1	25.7
153	18.0	12.8	19.2





#8
Acenaphthene
Concen: 0.034 ng/ul
RT: 14.58 min Scan# 2169
Delta R.T. 0.00 min
Lab File: BE094382.D
Acq: 15 Oct 2017 7:39

Tgt Ion:153 Resp: 687

Ion	Ratio	Lower	Upper
153	100		
152	55.8	40.3	60.5
154	89.7	71.4	107.2

Instrument :
BNA_E
ClientSampleId :
C0AC2DL

Manual Integrations APPROVED
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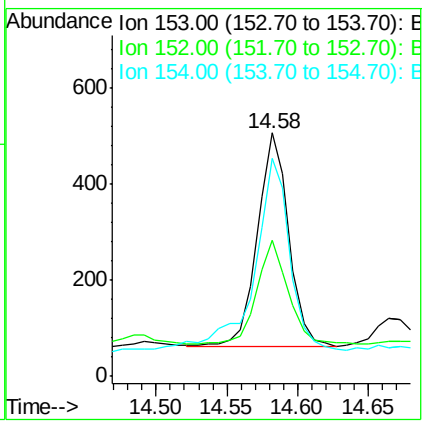
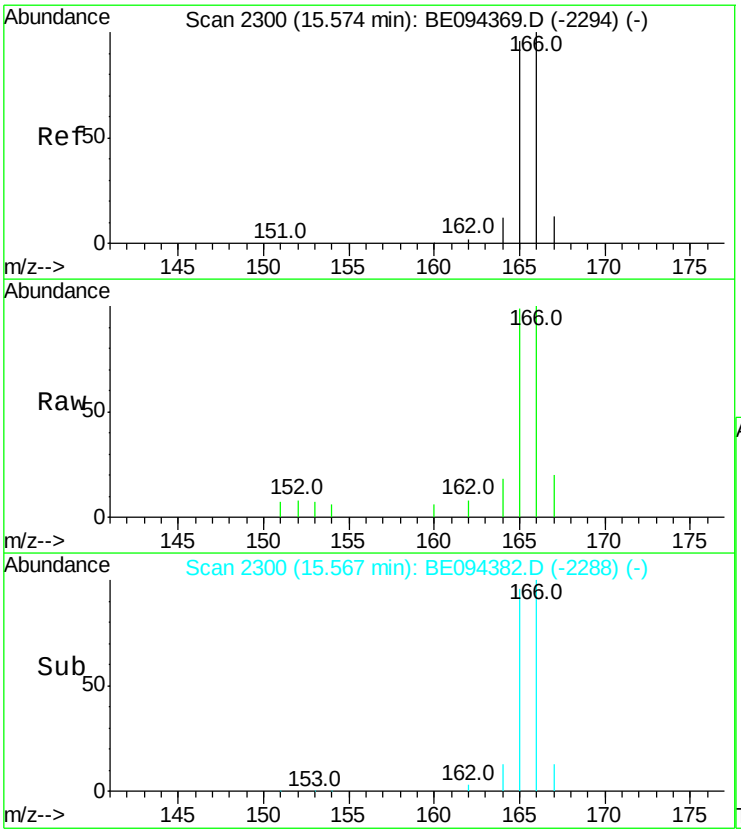
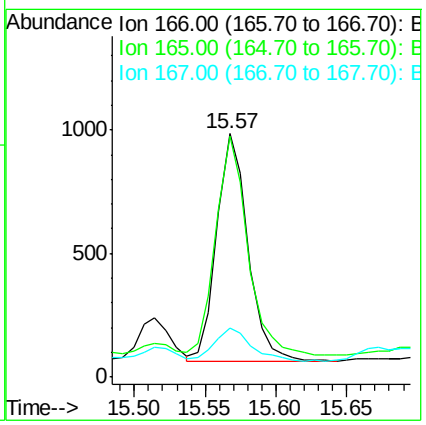


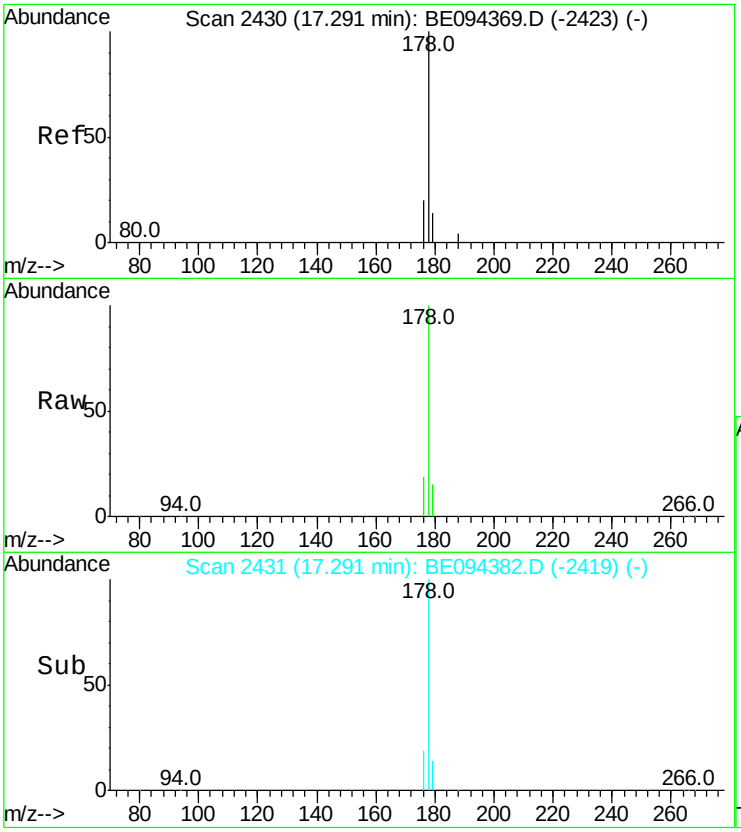


#9
Fluorene
Concen: 0.060 ng/ul
RT: 15.57 min Scan# 2300
Delta R.T. -0.01 min
Lab File: BE094382.D
Acq: 15 Oct 2017 7:39

Tgt Ion:166 Resp: 1400

Ion	Ratio	Lower	Upper
166	100		
165	99.0	73.4	110.2
167	20.2	14.6	22.0

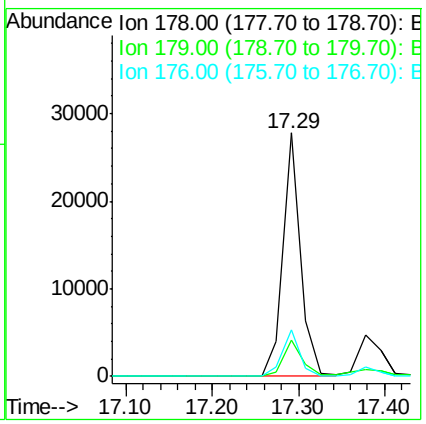




#12
Phenanthrene
Concen: 1.068 ng/ul
RT: 17.29 min Scan# 2431
Delta R.T. 0.00 min
Lab File: BE094382.D
Acq: 15 Oct 2017 7:39

Tgt Ion:178 Resp: 39767

Ion	Ratio	Lower	Upper
178	100		
179	14.7	18.4	27.6#
176	19.2	13.6	20.4



Instrument :
BNA_E
ClientSampleId :
C0AC2DL

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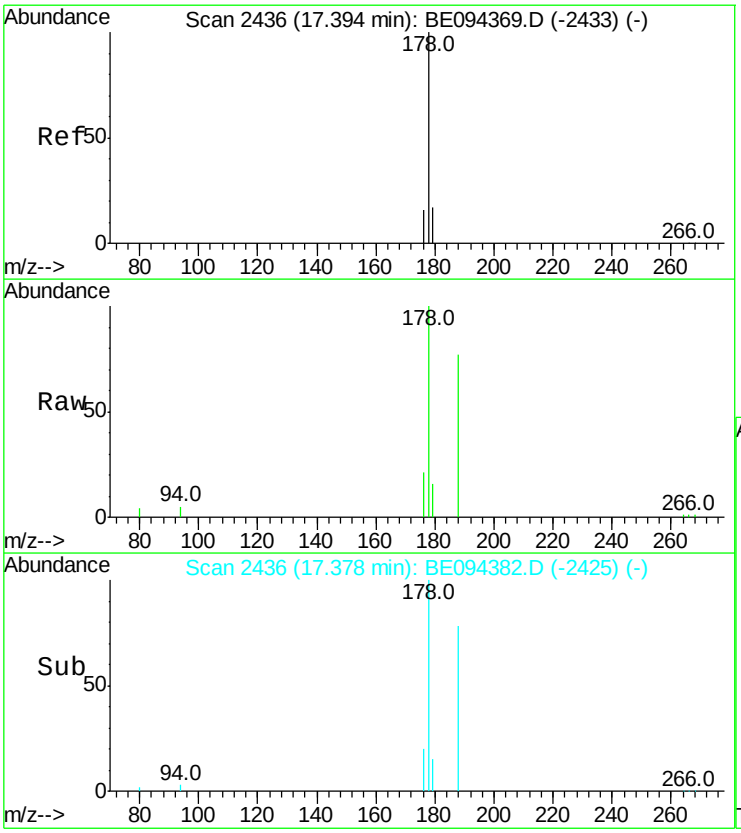
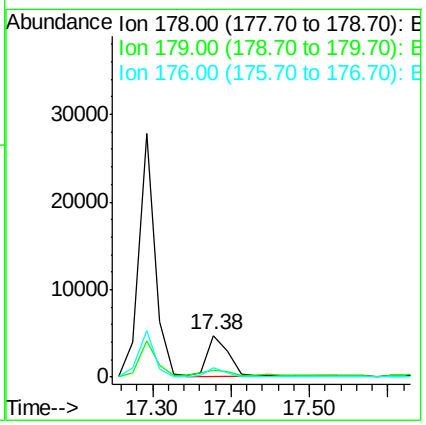
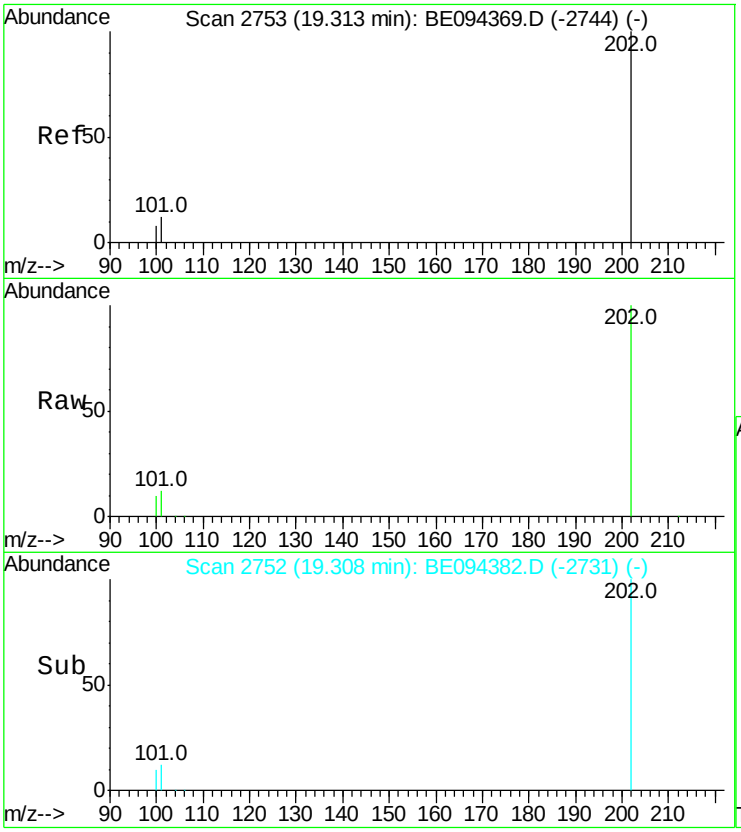


#13
Anthracene
Concen: 0.242 ng/ul
RT: 17.38 min Scan# 2436
Delta R.T. -0.02 min
Lab File: BE094382.D
Acq: 15 Oct 2017 7:39

Tgt Ion:178 Resp: 8757

Ion	Ratio	Lower	Upper
178	100		
179	16.1	18.1	27.1#
176	21.3	14.7	22.1

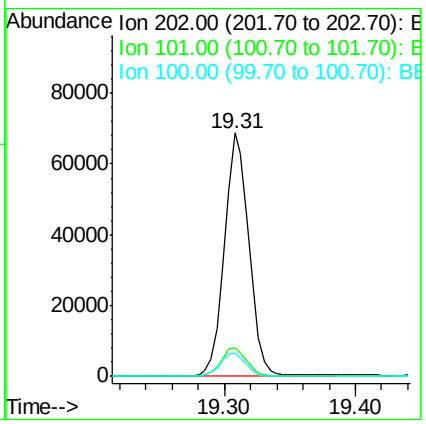




#15
Fluoranthene
Concen: 1.806 ng/ul
RT: 19.31 min Scan# 2752
Delta R.T. -0.01 min
Lab File: BE094382.D
Acq: 15 Oct 2017 7:39

Tgt Ion:202 Resp: 88346

Ion	Ratio	Lower	Upper
202	100		
101	11.9	0.0	30.3
100	9.6	0.0	39.5



Instrument :
BNA_E
ClientSampleId :
C0AC2DL

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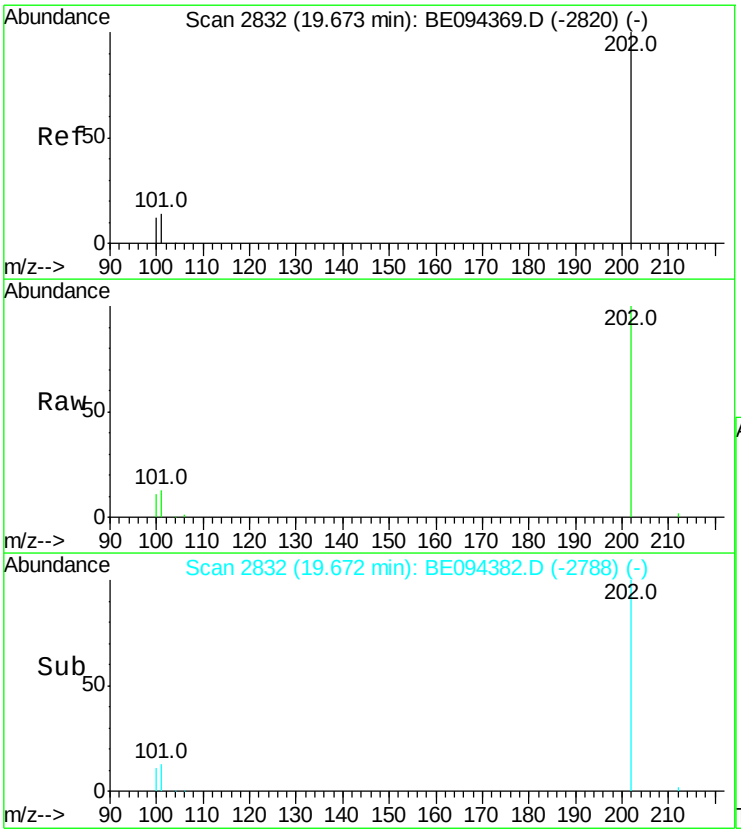
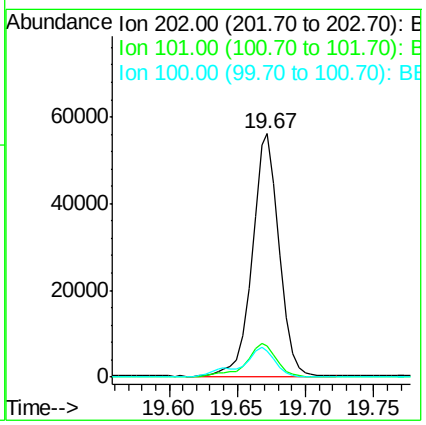
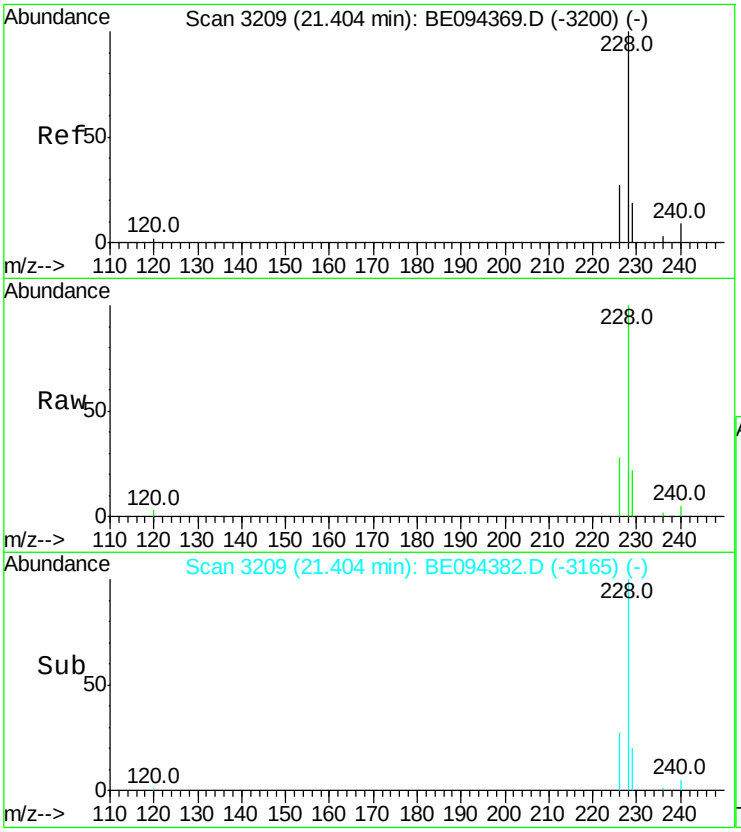


#17
Pyrene
Concen: 1.993 ng/ul
RT: 19.67 min Scan# 2832
Delta R.T. -0.00 min
Lab File: BE094382.D
Acq: 15 Oct 2017 7:39

Tgt Ion:202 Resp: 76288

Ion	Ratio	Lower	Upper
202	100		
101	12.9	18.2	27.4#
100	10.9	15.6	23.4#





#18
Benzo(a)anthracene
Concen: 1.112 ng/ul
RT: 21.40 min Scan# 3209
Delta R.T. -0.00 min
Lab File: BE094382.D
Acq: 15 Oct 2017 7:39

Tgt Ion:228 Resp: 40567

Ion	Ratio	Lower	Upper
228	100		
229	21.7	22.8	34.2#
226	27.6	17.0	25.6#

Instrument :
BNA_E
ClientSampleId :
C0AC2DL

Manual Integrations APPROVED
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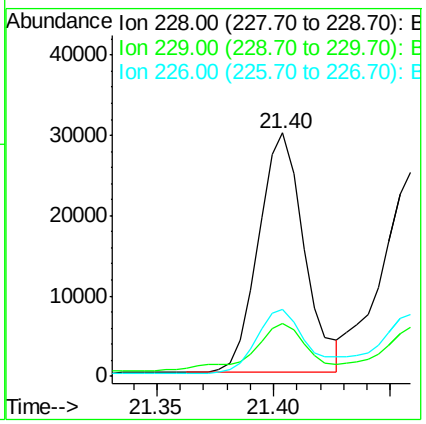
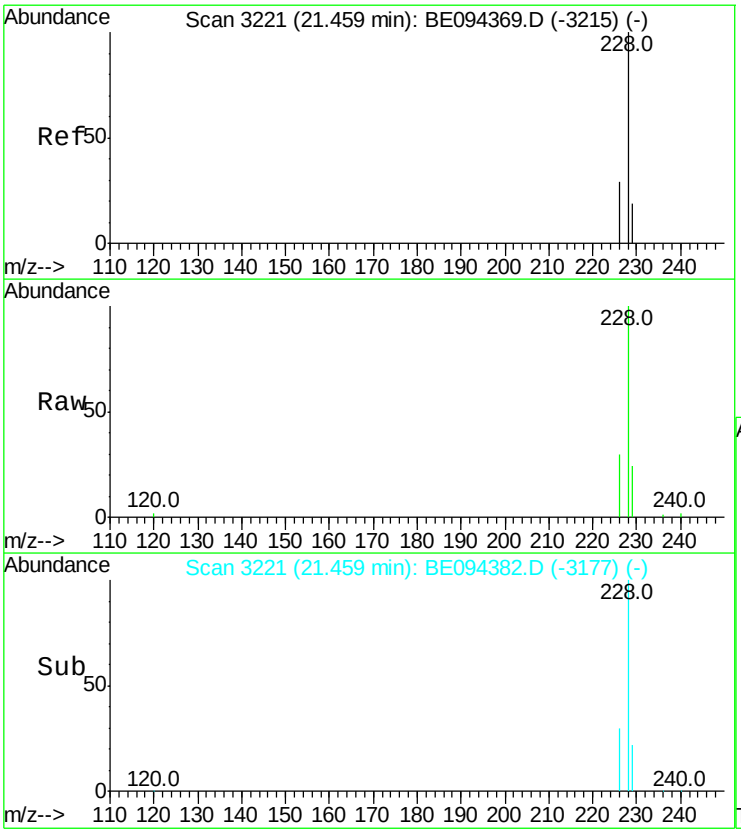
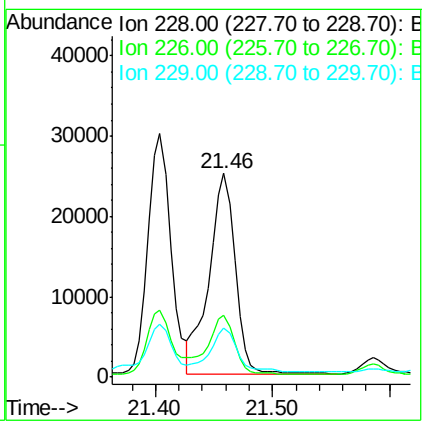


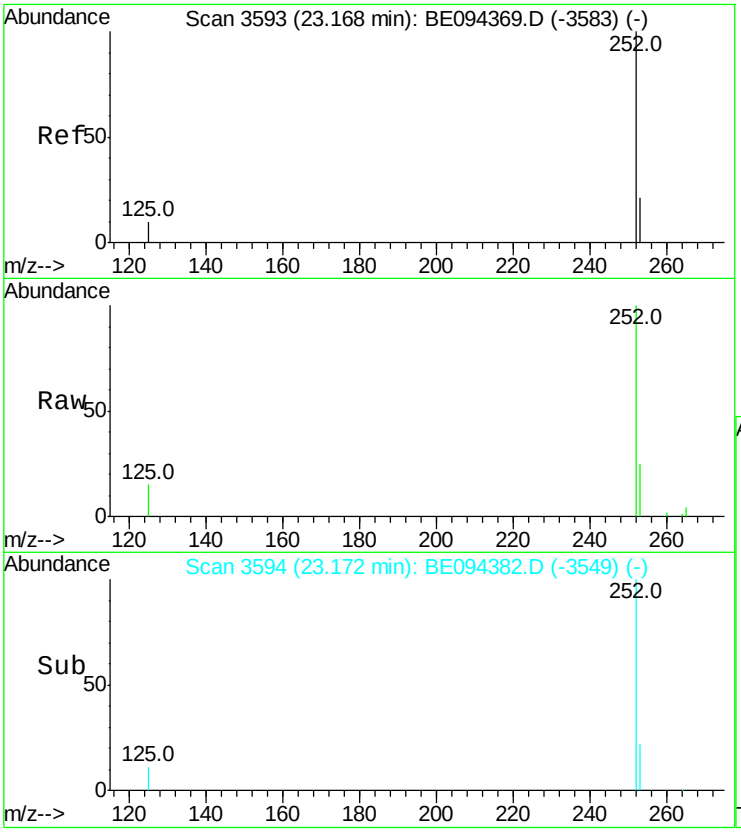


#19
Chrysene
Concen: 0.912 ng/ul
RT: 21.46 min Scan# 3221
Delta R.T. -0.00 min
Lab File: BE094382.D
Acq: 15 Oct 2017 7:39

Tgt Ion:228 Resp: 38433

Ion	Ratio	Lower	Upper
228	100		
226	30.5	23.4	35.0
229	23.8	17.7	26.5

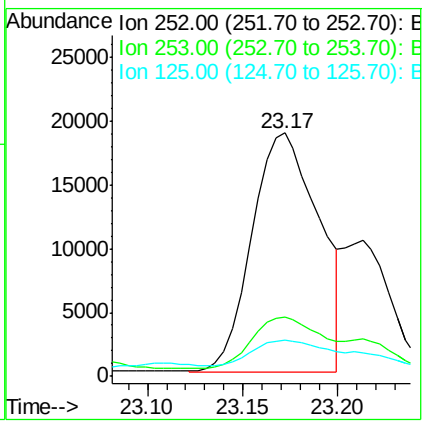




#21
Benzo(b)fluoranthene
Concen: 1.255 ng/ul m
RT: 23.17 min Scan# 3594
Delta R.T. 0.00 min
Lab File: BE094382.D
Acq: 15 Oct 2017 7:39

Tgt Ion:252 Resp: 46224

Ion	Ratio	Lower	Upper
252	100		
253	24.6	0.0	64.2
125	15.1	0.0	35.0



Instrument :
BNA_E
ClientSampleId :
C0AC2DL

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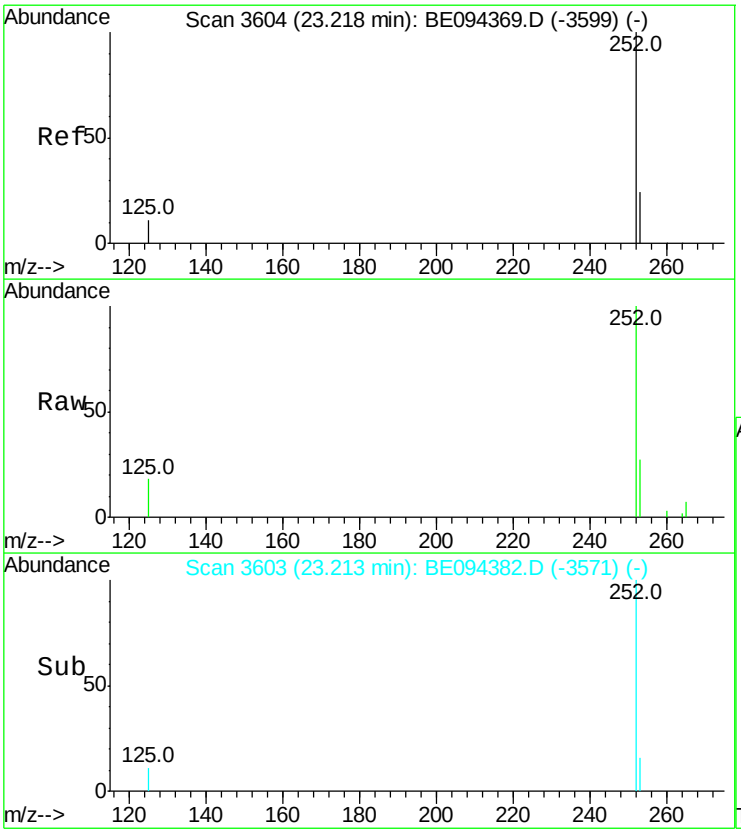
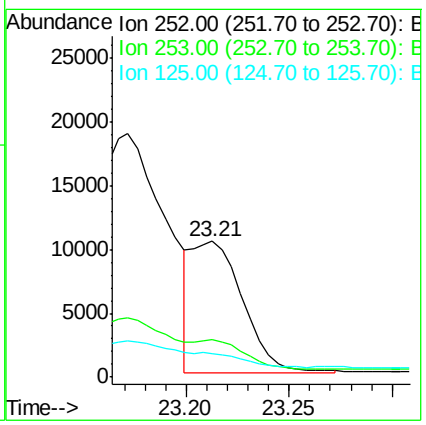
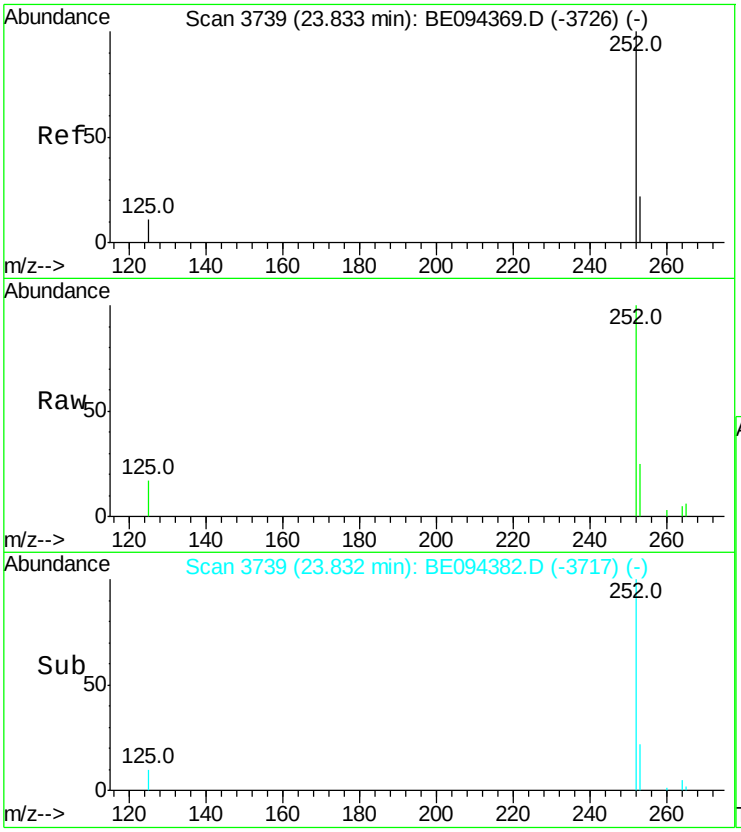


#22
Benzo(k)fluoranthene
Concen: 0.414 ng/ul m
RT: 23.21 min Scan# 3603
Delta R.T. -0.00 min
Lab File: BE094382.D
Acq: 15 Oct 2017 7:39

Tgt Ion:252 Resp: 17651

Ion	Ratio	Lower	Upper
252	100		
253	27.5	24.5	36.7
125	17.6	13.7	20.5





#23
Benzo(a)pyrene
Concen: 0.833 ng/ul
RT: 23.83 min Scan# 3739
Delta R.T. -0.00 min
Lab File: BE094382.D
Acq: 15 Oct 2017 7:39

Tgt Ion:252 Resp: 31880

Ion	Ratio	Lower	Upper
252	100		
253	25.3	28.5	42.7#
125	16.8	18.1	27.1#

Instrument :
BNA_E
ClientSampleId :
C0AC2DL

Manual Integrations APPROVED
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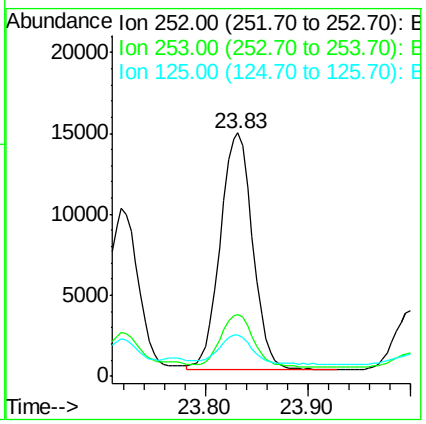
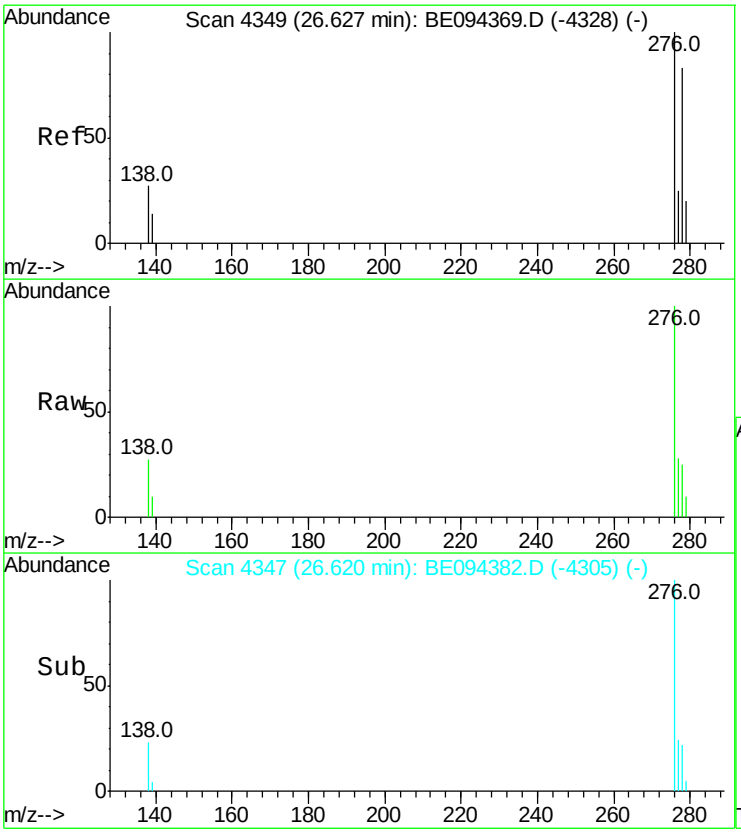
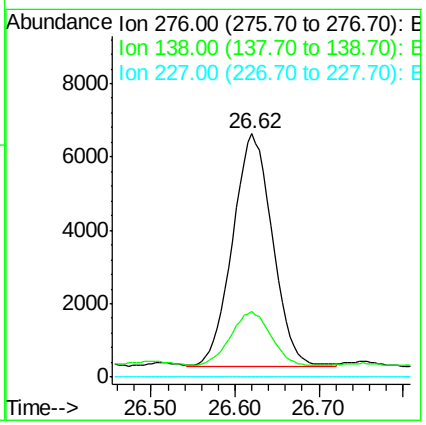


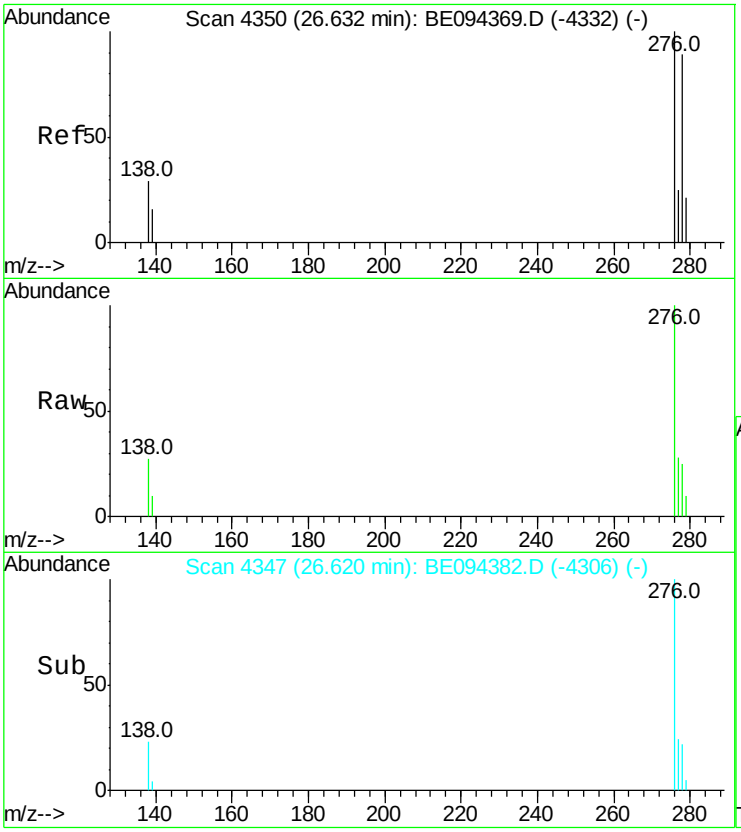


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.532 ng/ul
RT: 26.62 min Scan# 4347
Delta R.T. -0.01 min
Lab File: BE094382.D
Acq: 15 Oct 2017 7:39

Tgt Ion:276 Resp: 20852

Ion	Ratio	Lower	Upper
276	100		
138	23.3	28.0	42.0#
227	0.0	8.0	12.0#





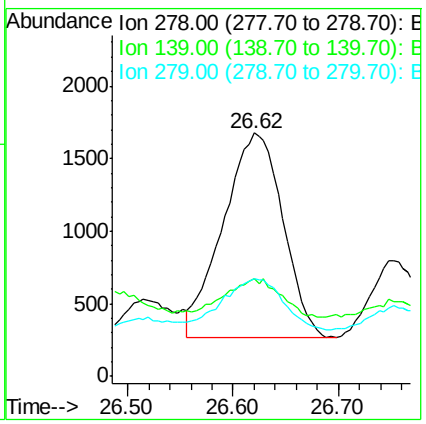
#25
Dibenzo(a,h)anthracene
Concen: 0.170 ng/ul
RT: 26.62 min Scan# 4347
Delta R.T. -0.01 min
Lab File: BE094382.D
Acq: 15 Oct 2017 7:39

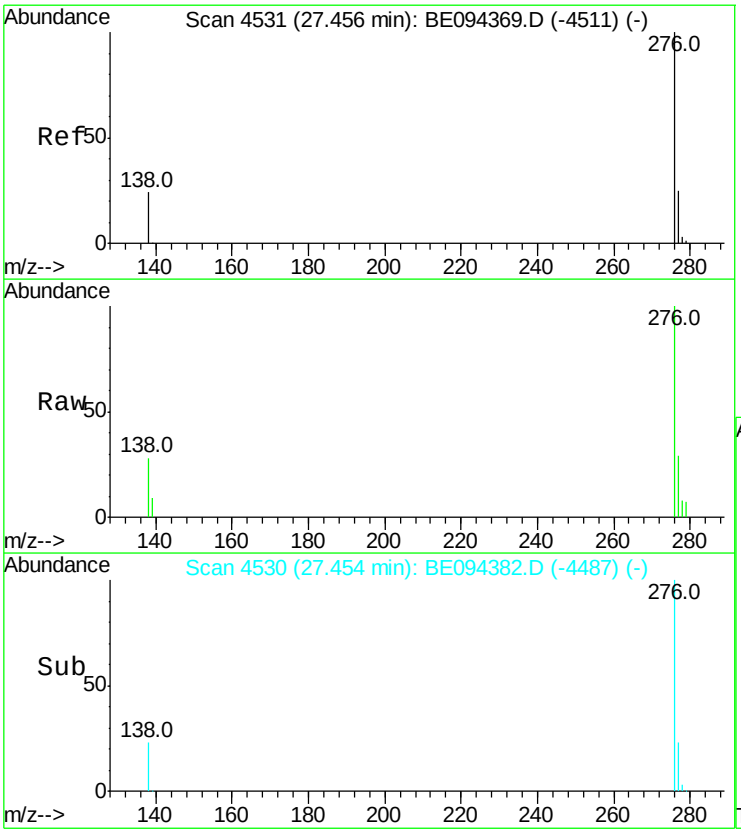
Instrument :
BNA_E
ClientSampleId :
C0AC2DL

Manual Integrations APPROVED
Sohil
10/16/2017 8:25:51 PM

Tgt Ion:278 Resp: 5579

Ion	Ratio	Lower	Upper
278	100		
139	40.2	17.4	26.0#
279	39.9	25.9	38.9#





#26
Benzo(g,h,i)perylene
Concen: 0.472 ng/ul
RT: 27.45 min Scan# 4530
Delta R.T. -0.00 min
Lab File: BE094382.D
Acq: 15 Oct 2017 7:39

Tgt Ion:276 Resp: 15959

Ion	Ratio	Lower	Upper
276	100		
138	28.1	21.8	32.8
277	28.9	20.5	30.7