Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE072417\
Data File : BE093562.D
Acq On : 25 Jul 2017 5:44
Operator : SJ/JU
Sample : I4213-14
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : C0B38

Manual Integrations APPROVED
Sohil
7/25/2017 5:34:02 PM

Quant Time: Jul 25 08:10:35 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE072417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 25 06:10:24 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	3414	0.40	ng/ul	0.00
2) Naphthalene-d8	10.71	136	18298	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.53	164	12004	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	31460	0.40	ng/ul	0.00
16) Chrysene-d12	21.41	240	35441	0.40	ng/ul	0.00
20) Perylene-d12	23.92	264	36541	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	3455	0.12	ng/ul	0.00
14) Fluoranthene-d10	19.28	212	12835	0.13	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.76	128	7754	0.174	ng/ul#	93
5) 2-Methylnaphthalene	12.36	142	2410	0.074	ng/ul	99
8) Acenaphthene	14.59	153	5228	0.132	ng/ul	99
9) Fluorene	15.57	166	4899	0.098	ng/ul	94
12) Phenanthrene	17.29	178	33309	0.389	ng/ul#	87
13) Anthracene	17.38	178	9133	0.109	ng/ul#	96
15) Fluoranthene	19.31	202	44915	0.419	ng/ul	83
17) Pyrene	19.67	202	47792	0.462	ng/ul#	80
18) Benzo(a)anthracene	21.40	228	26814	0.261	ng/ul#	89
19) Chrysene	21.45	228	28693	0.291	ng/ul	96
21) Benzo(b)fluoranthene	23.15	252	49264m	0.436	ng/ul	
22) Benzo(k)fluoranthene	23.19	252	18759m	0.168	ng/ul	
23) Benzo(a)pyrene	23.80	252	42769	0.398	ng/ul#	86
24) Indeno(1,2,3-cd)pyrene	26.55	276	31683	0.267	ng/ul#	78
25) Dibenzo(a,h)anthracene	26.56	278	8085	0.082	ng/ul#	91
26) Benzo(g,h,i)perylene	27.36	276	28393	0.284	ng/ul	96

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE072417\
Data File : BE093562.D
Acq On : 25 Jul 2017 5:44
Operator : SJ/JU
Sample : I4213-14
Misc :
ALS Vial : 33 Sample Multiplier: 1

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Instrument :
BNA_E
ClientSampleId :
C0B38

Manual Integrations APPROVED
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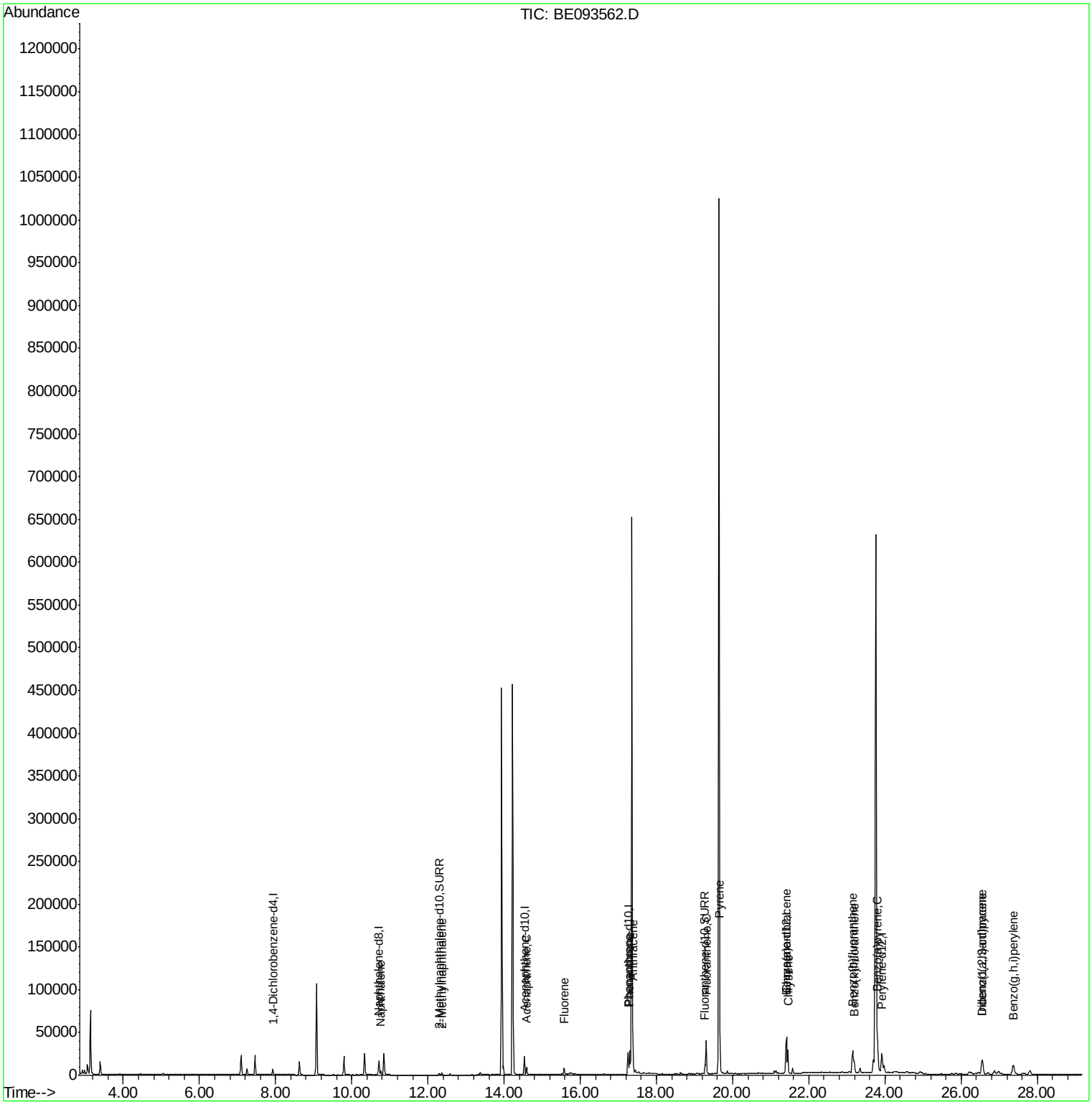

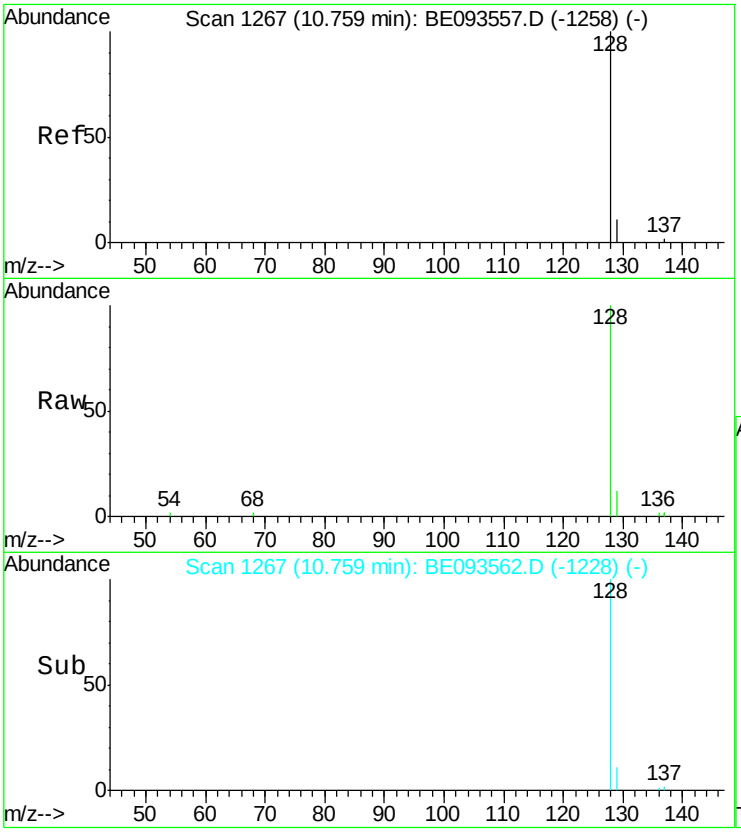

#3
Naphthalene
Concen: 0.174 ng/ul
RT: 10.76 min Scan# 1267
Delta R.T. 0.00 min
Lab File: BE093562.D
Acq: 25 Jul 2017 5:44

Tgt Ion:128 Resp: 7754

Ion	Ratio	Lower	Upper
128	100		
129	12.3	11.3	16.9
127	0.0	4.0	6.0#

Instrument :
BNA_E
ClientSampleId :
C0B38

Manual Integrations APPROVED
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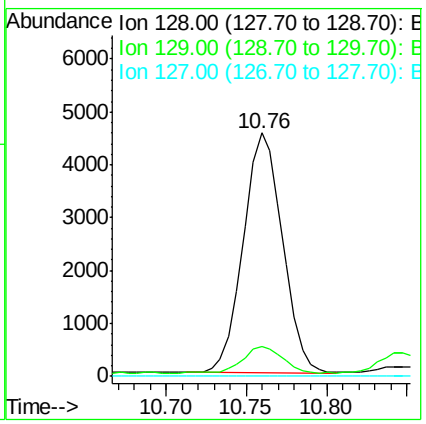
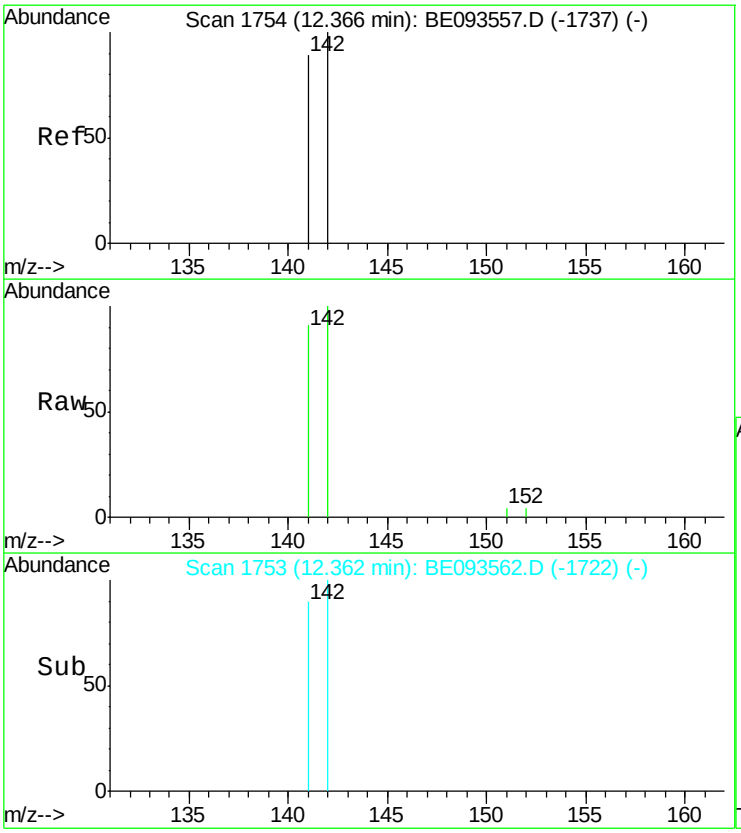
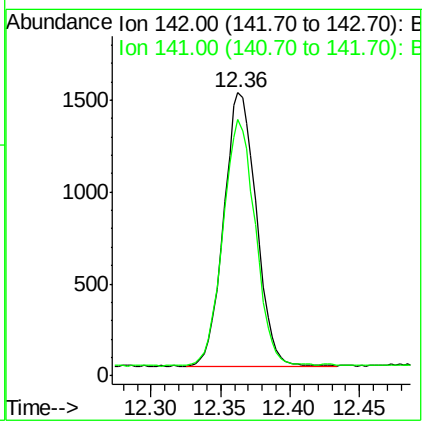


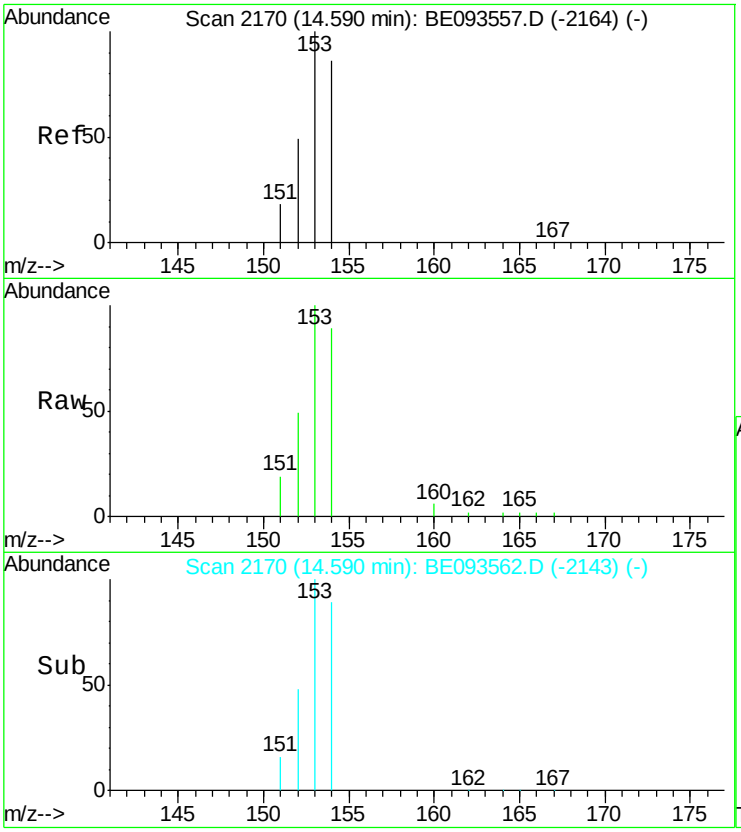


#5
2-Methylnaphthalene
Concen: 0.074 ng/ul
RT: 12.36 min Scan# 1753
Delta R.T. -0.00 min
Lab File: BE093562.D
Acq: 25 Jul 2017 5:44

Tgt Ion:142 Resp: 2410

Ion	Ratio	Lower	Upper
142	100		
141	89.8	72.6	108.8

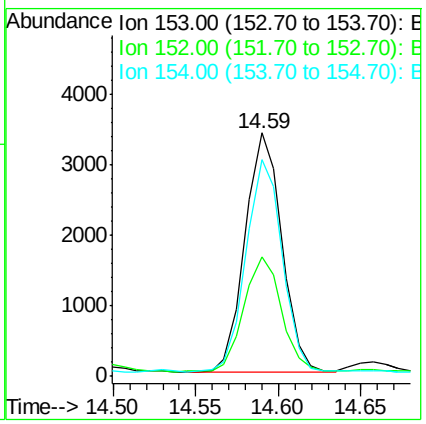




#8
Acenaphthene
Concen: 0.132 ng/ul
RT: 14.59 min Scan# 2170
Delta R.T. 0.00 min
Lab File: BE093562.D
Acq: 25 Jul 2017 5:44

Tgt Ion:153 Resp: 5228

Ion	Ratio	Lower	Upper
153	100		
152	49.0	40.3	60.5
154	89.2	71.4	107.2



Instrument :
BNA_E
ClientSampleId :
C0B38

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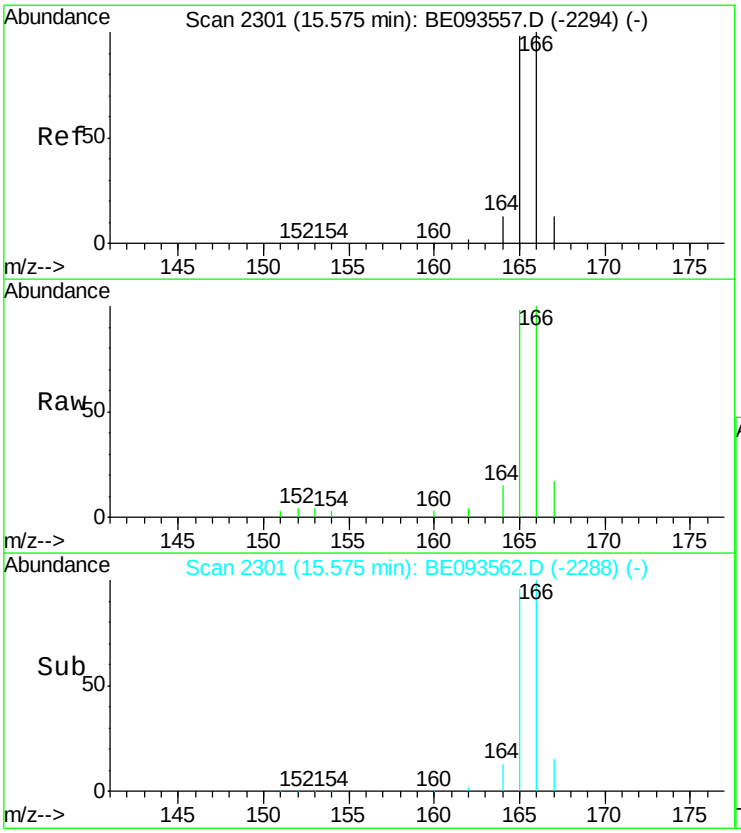
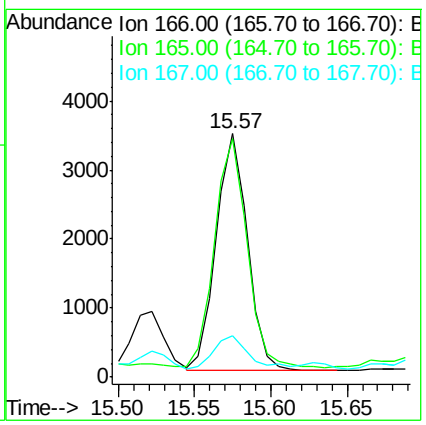
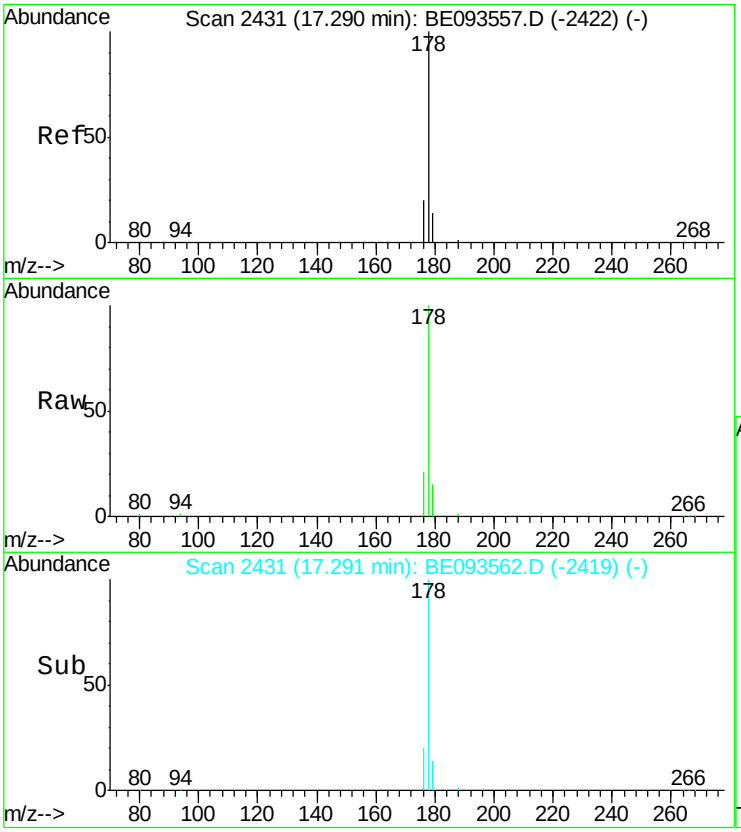


#9
Fluorene
Concen: 0.098 ng/ul
RT: 15.57 min Scan# 2301
Delta R.T. 0.00 min
Lab File: BE093562.D
Acq: 25 Jul 2017 5:44

Tgt Ion:166 Resp: 4899

Ion	Ratio	Lower	Upper
166	100		
165	97.9	73.4	110.2
167	16.9	14.6	22.0





#12
Phenanthrene
Concen: 0.389 ng/ul
RT: 17.29 min Scan# 2431
Delta R.T. 0.00 min
Lab File: BE093562.D
Acq: 25 Jul 2017 5:44

Tgt Ion:178 Resp: 33309

Ion	Ratio	Lower	Upper
178	100		
179	15.3	18.4	27.6#
176	20.5	13.6	20.4#

Instrument :
BNA_E
ClientSampleId :
C0B38

Manual Integrations APPROVED
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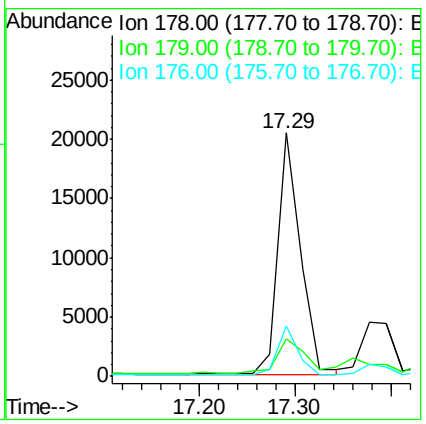
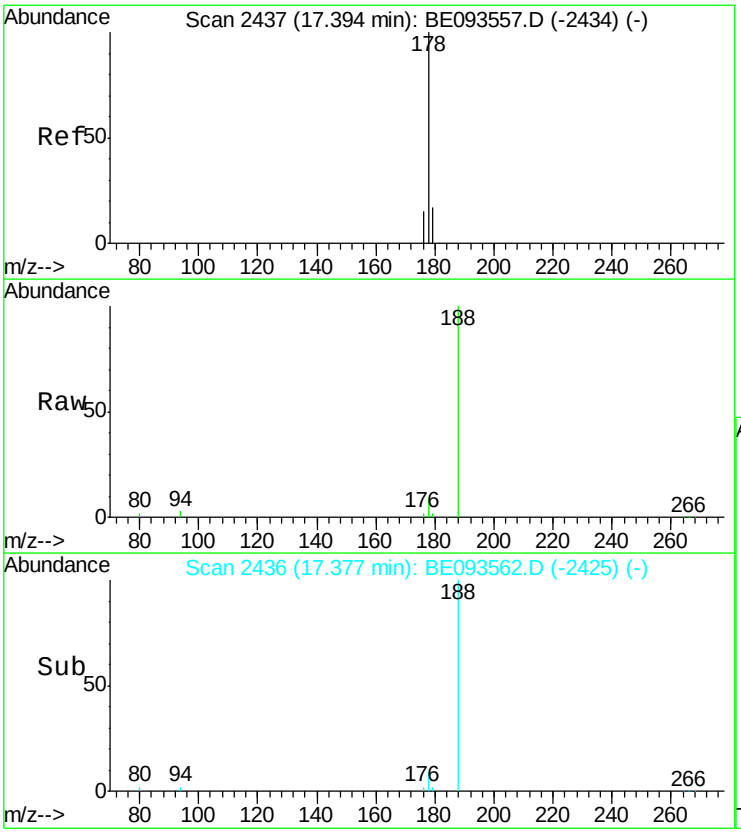
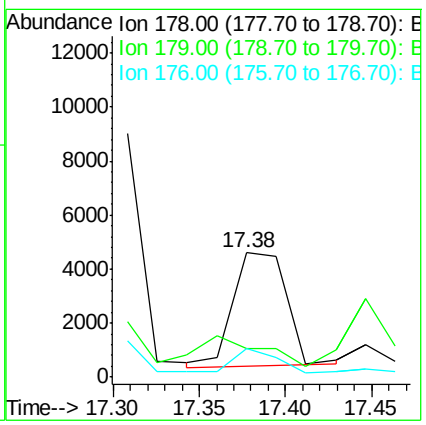


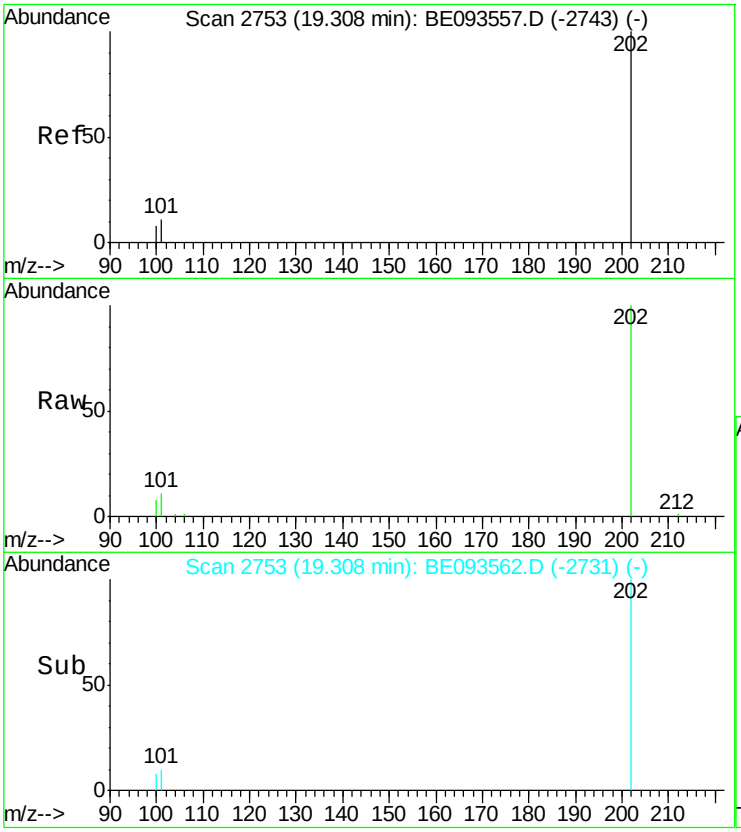


#13
Anthracene
Concen: 0.109 ng/ul
RT: 17.38 min Scan# 2436
Delta R.T. -0.02 min
Lab File: BE093562.D
Acq: 25 Jul 2017 5:44

Tgt Ion:178 Resp: 9133

Ion	Ratio	Lower	Upper
178	100		
179	22.6	18.1	27.1
176	22.8	14.7	22.1#





#15
Fluoranthene
Concen: 0.419 ng/ul
RT: 19.31 min Scan# 2753
Delta R.T. 0.00 min
Lab File: BE093562.D
Acq: 25 Jul 2017 5:44

Tgt Ion:202 Resp: 44915

Ion	Ratio	Lower	Upper
202	100		
101	10.9	0.0	30.3
100	7.9	0.0	39.5

Instrument :
BNA_E
ClientSampleId :
C0B38

Manual Integrations APPROVED
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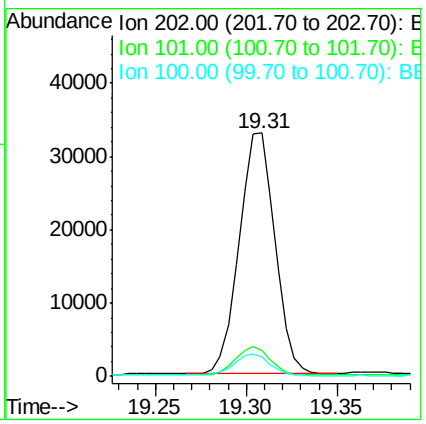
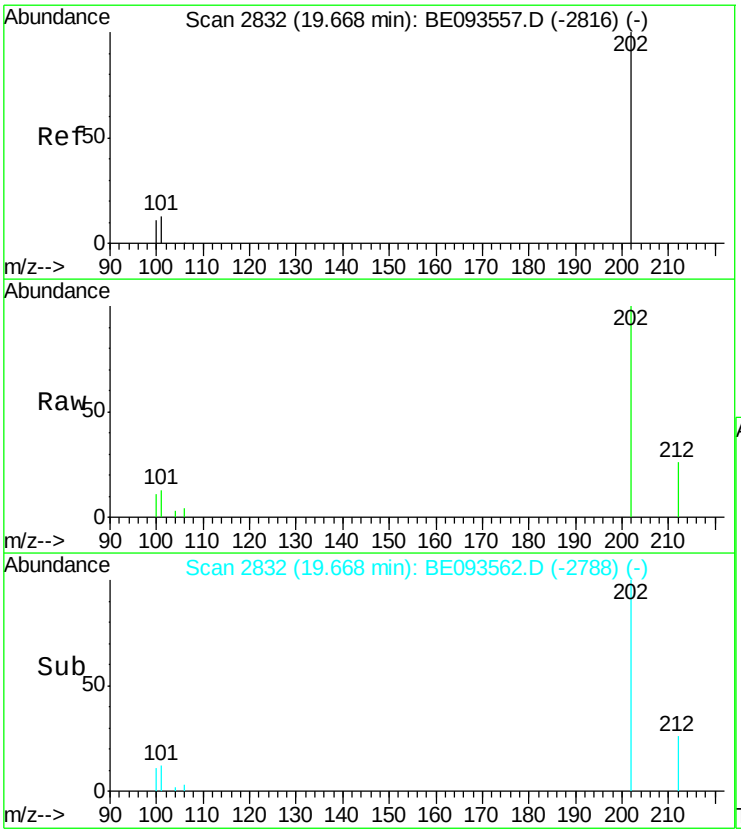
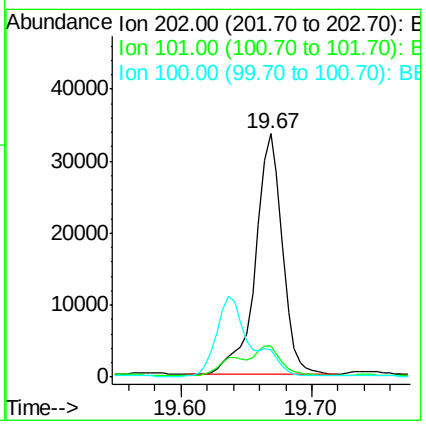


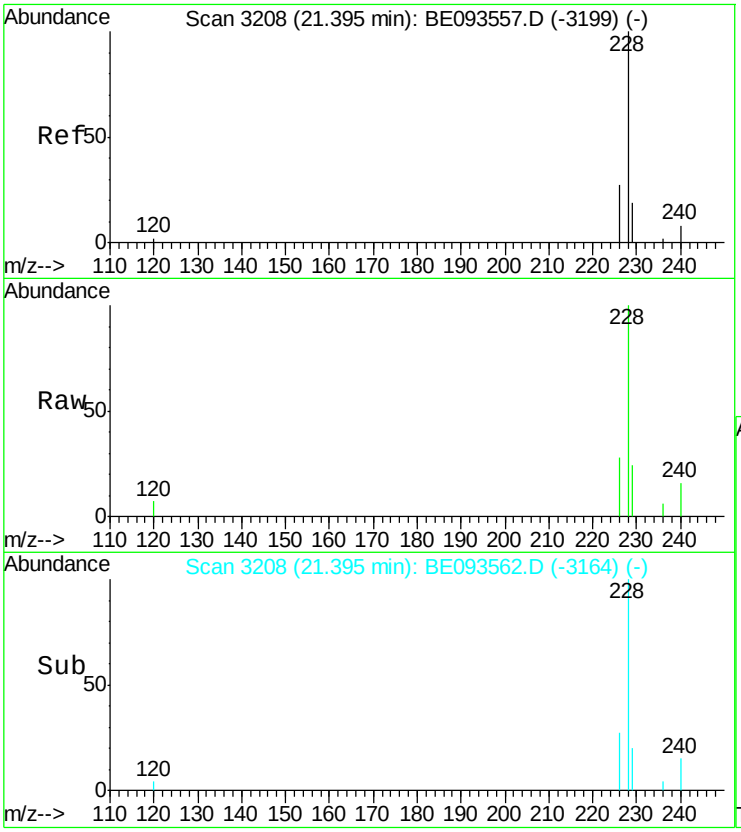


#17
Pyrene
Concen: 0.462 ng/ul
RT: 19.67 min Scan# 2832
Delta R.T. 0.00 min
Lab File: BE093562.D
Acq: 25 Jul 2017 5:44

Tgt Ion:202 Resp: 47792

Ion	Ratio	Lower	Upper
202	100		
101	12.8	18.2	27.4#
100	11.0	15.6	23.4#





#18
Benzo(a)anthracene
Concen: 0.261 ng/ul
RT: 21.40 min Scan# 3208
Delta R.T. 0.00 min
Lab File: BE093562.D
Acq: 25 Jul 2017 5:44

Tgt Ion:228 Resp: 26814

Ion	Ratio	Lower	Upper
228	100		
229	24.3	22.8	34.2
226	28.2	17.0	25.6#

Instrument :
BNA_E
ClientSampleId :
C0B38

Manual Integrations APPROVED
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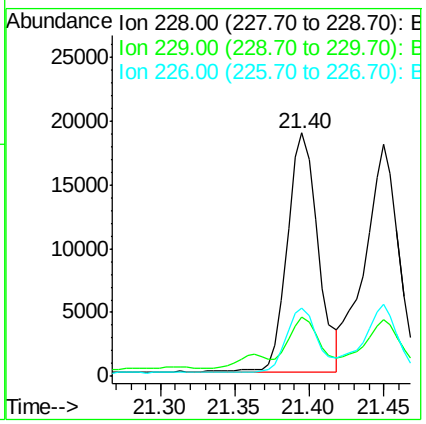
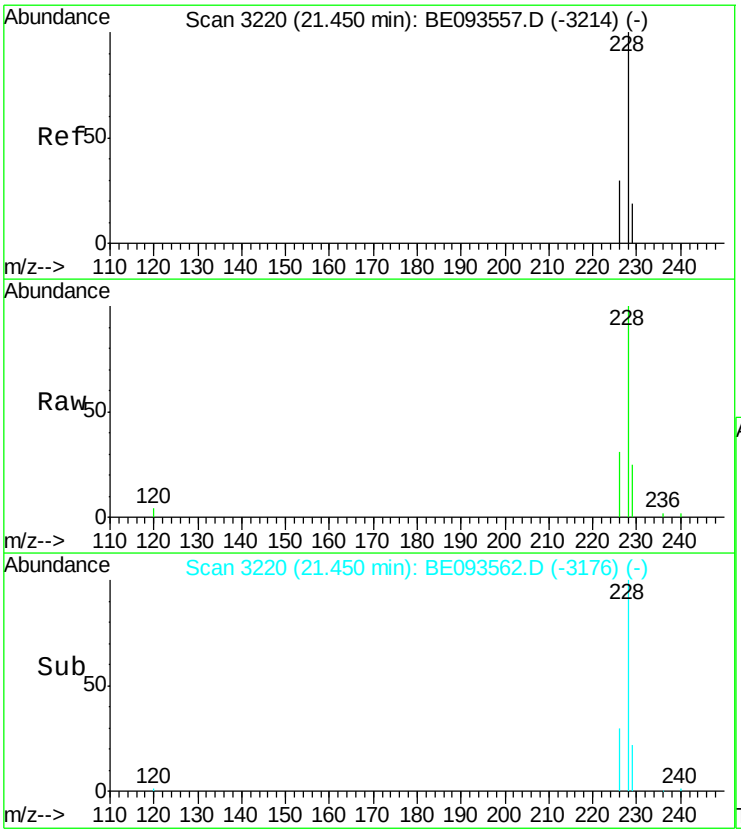
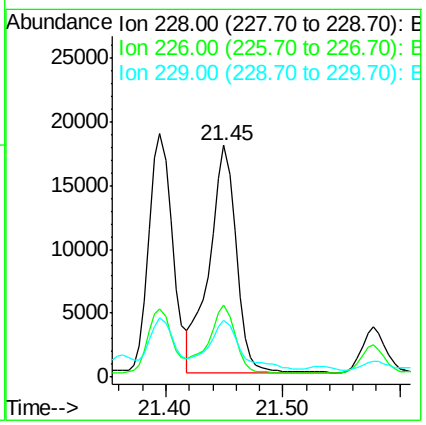


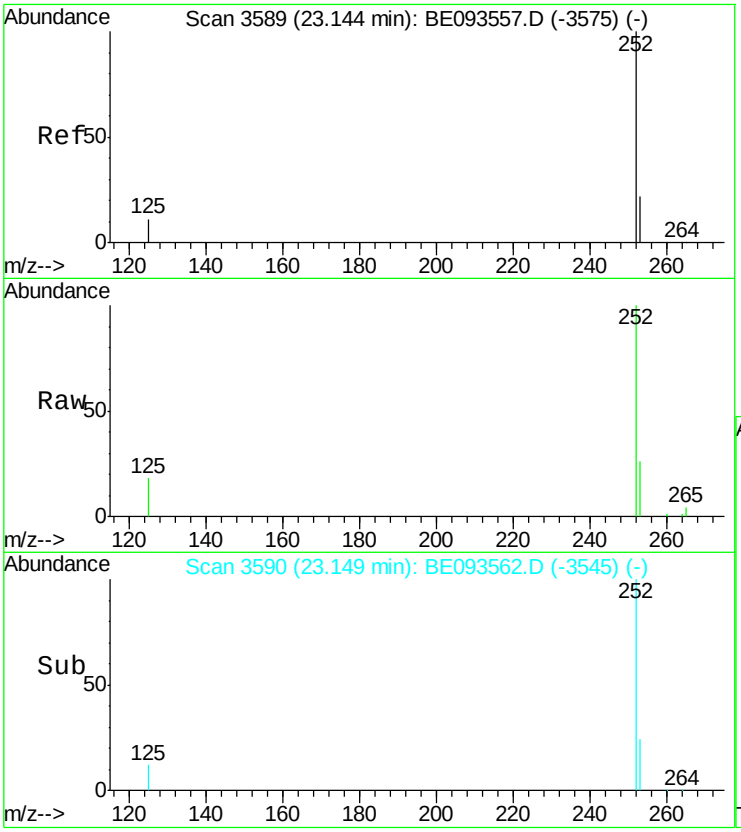


#19
Chrysene
Concen: 0.291 ng/ul
RT: 21.45 min Scan# 3220
Delta R.T. 0.00 min
Lab File: BE093562.D
Acq: 25 Jul 2017 5:44

Tgt Ion:228 Resp: 28693

Ion	Ratio	Lower	Upper
228	100		
226	30.9	23.4	35.0
229	24.5	17.7	26.5

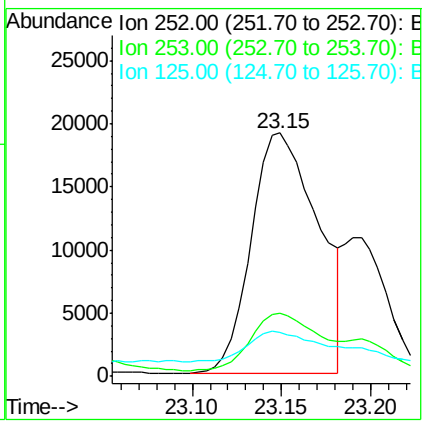




#21
Benzo(b)fluoranthene
Concen: 0.436 ng/ul m
RT: 23.15 min Scan# 3590
Delta R.T. 0.00 min
Lab File: BE093562.D
Acq: 25 Jul 2017 5:44

Tgt Ion:252 Resp: 49264

Ion	Ratio	Lower	Upper
252	100		
253	26.1	0.0	64.2
125	18.3	0.0	35.0



Instrument :
BNA_E
ClientSampleId :
C0B38

Manual Integrations APPROVED
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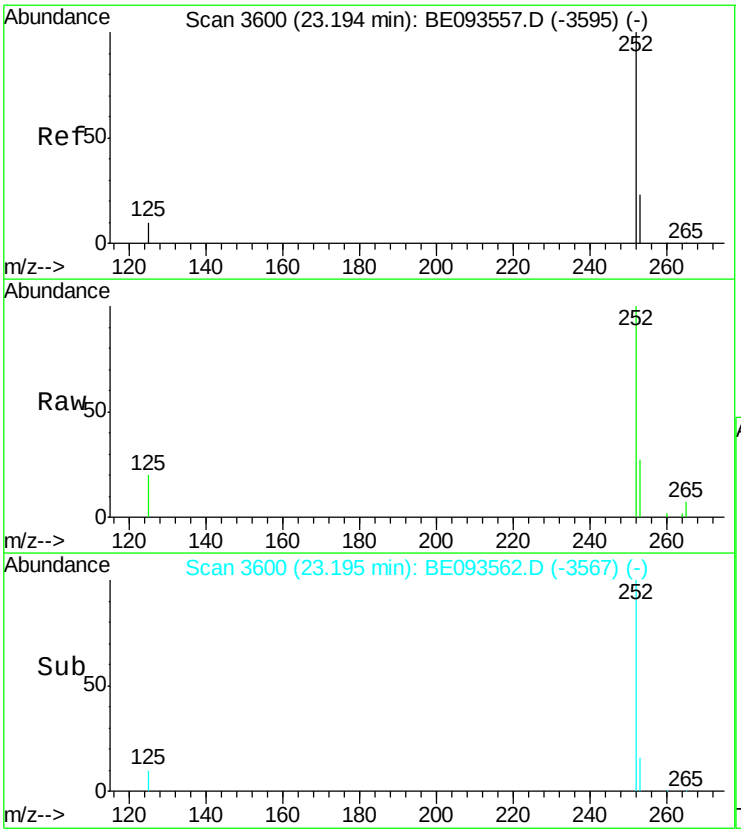
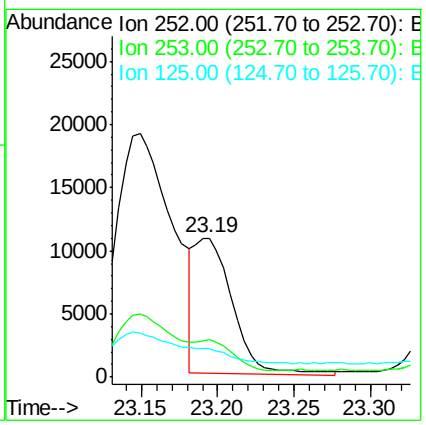
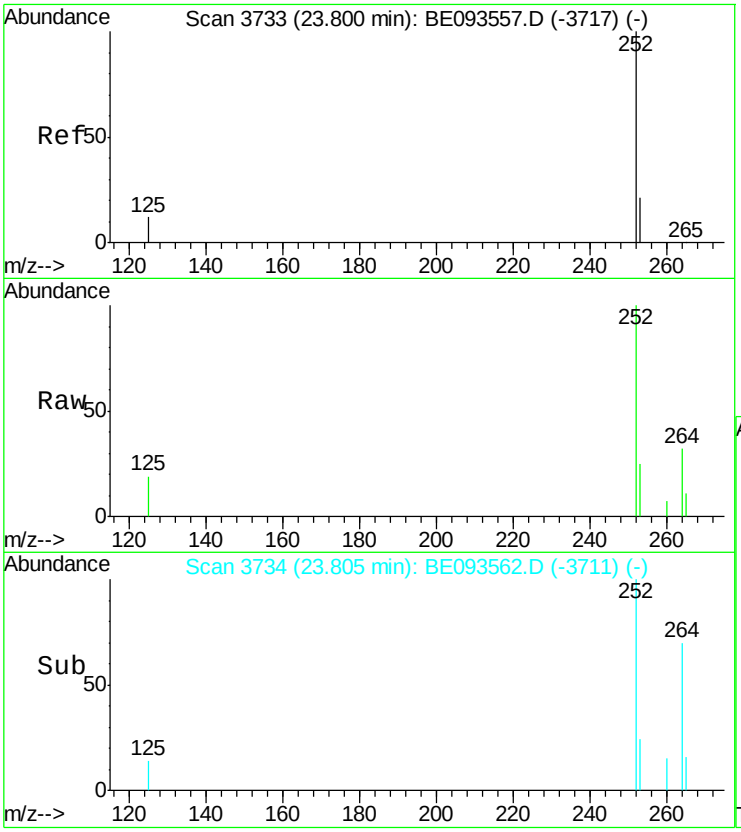


#22
Benzo(k)fluoranthene
Concen: 0.168 ng/ul m
RT: 23.19 min Scan# 3600
Delta R.T. 0.00 min
Lab File: BE093562.D
Acq: 25 Jul 2017 5:44

Tgt Ion:252 Resp: 18759

Ion	Ratio	Lower	Upper
252	100		
253	26.9	24.5	36.7
125	20.4	13.7	20.5





#23
Benzo(a)pyrene
Concen: 0.398 ng/ul
RT: 23.80 min Scan# 3734
Delta R.T. 0.00 min
Lab File: BE093562.D
Acq: 25 Jul 2017 5:44

Tgt Ion:252 Resp: 42769

Ion	Ratio	Lower	Upper
252	100		
253	25.4	28.5	42.7#
125	18.8	18.1	27.1

Instrument :
BNA_E
ClientSampleId :
C0B38

Manual Integrations APPROVED
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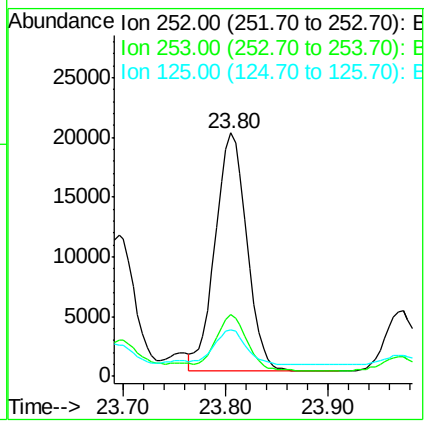
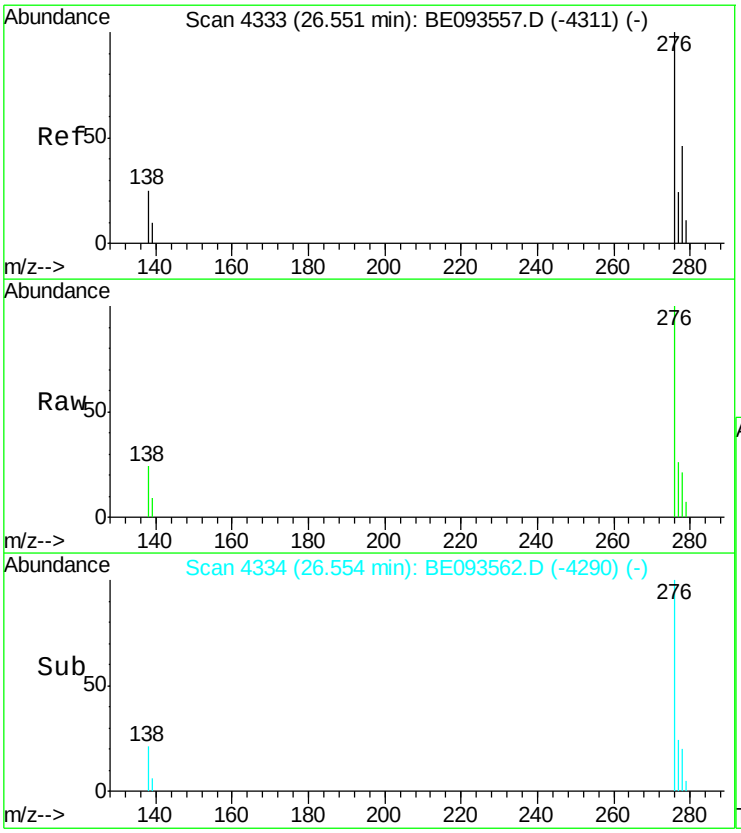
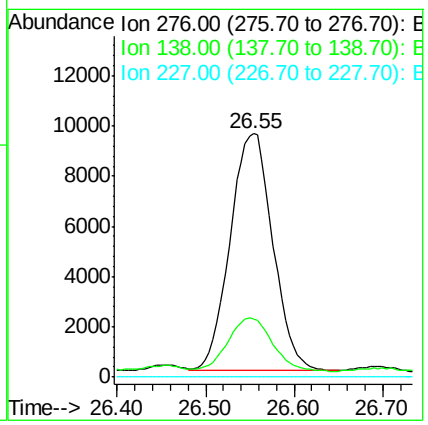


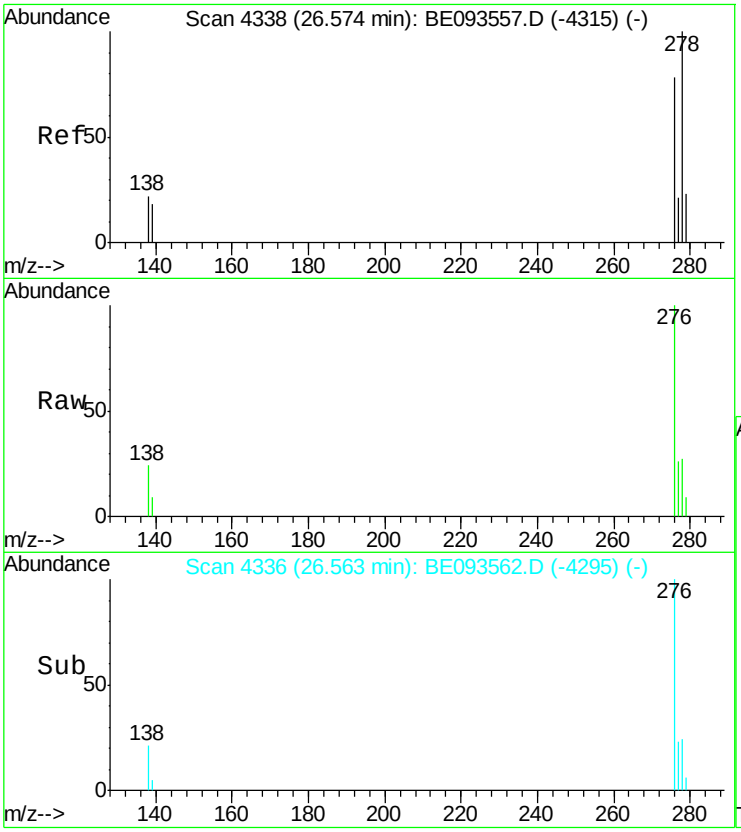


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.267 ng/ul
RT: 26.55 min Scan# 4334
Delta R.T. 0.00 min
Lab File: BE093562.D
Acq: 25 Jul 2017 5:44

Tgt Ion:276 Resp: 31683

Ion	Ratio	Lower	Upper
276	100		
138	23.1	28.0	42.0#
227	0.0	8.0	12.0#





#25
Dibenzo(a,h)anthracene
Concen: 0.082 ng/ul
RT: 26.56 min Scan# 4336
Delta R.T. -0.01 min
Lab File: BE093562.D
Acq: 25 Jul 2017 5:44

Tgt Ion:278 Resp: 8085

Ion	Ratio	Lower	Upper
278	100		
139	32.3	17.4	26.0#
279	32.4	25.9	38.9

Instrument :
BNA_E
ClientSampleId :
C0B38

Manual Integrations APPROVED
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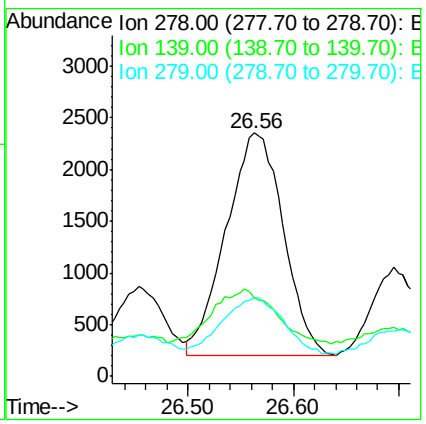
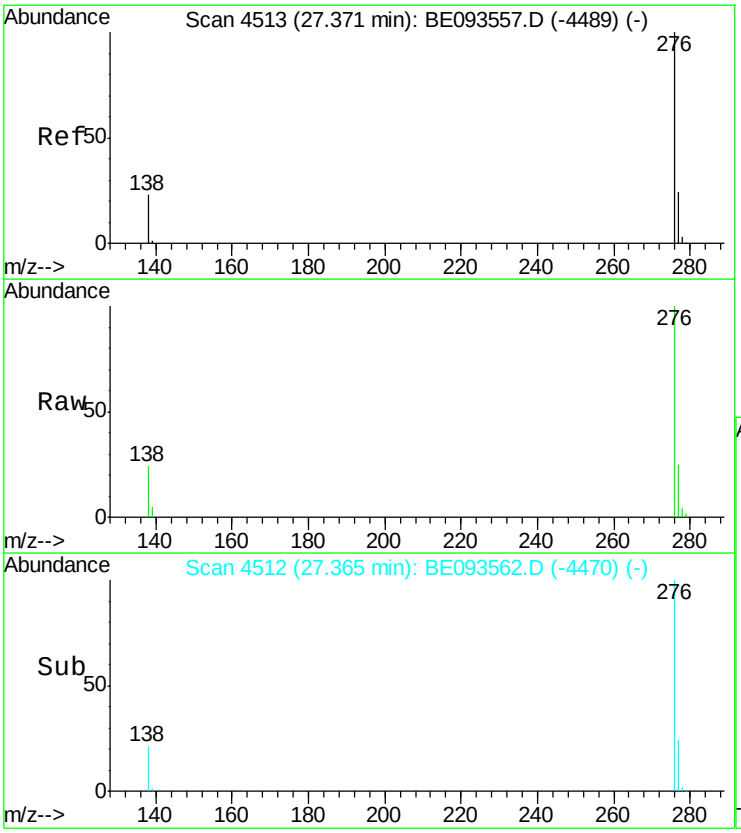
7/25/2017 5:34:02 PM





#26
Benzo(g,h,i)perylene
Concen: 0.284 ng/ul
RT: 27.36 min Scan# 4512
Delta R.T. -0.01 min
Lab File: BE093562.D
Acq: 25 Jul 2017 5:44

Tgt Ion:276 Resp: 28393

Ion	Ratio	Lower	Upper
276	100		
138	23.6	21.8	32.8
277	25.5	20.5	30.7