Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE080417\
Data File : BE093667.D
Acq On : 4 Aug 2017 12:30
Operator : SJ/JU
Sample : I4373-09
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AA6

Manual Integrations APPROVED
Sohil
8/4/2017 5:28:10 PM

Quant Time: Aug 04 16:51:53 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE072417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 04 16:09:39 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	3136	0.40	ng/ul	0.00
2) Naphthalene-d8	10.71	136	16392	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.53	164	10306	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	23175	0.40	ng/ul	0.00
16) Chrysene-d12	21.41	240	24825	0.40	ng/ul	0.00
20) Perylene-d12	23.91	264	21367m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	4191	0.16	ng/ul	0.00
14) Fluoranthene-d10	19.27	212	14190	0.19	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.76	128	2860	0.072	ng/ul#	96
5) 2-Methylnaphthalene	12.36	142	2638	0.091	ng/ul	97
8) Acenaphthene	14.59	153	2055	0.061	ng/ul	96
9) Fluorene	15.58	166	2398	0.056	ng/ul	97
12) Phenanthrene	17.29	178	76931	1.219	ng/ul#	87
13) Anthracene	17.38	178	17738	0.289	ng/ul#	89
15) Fluoranthene	19.30	202	148950	1.887	ng/ul	84
17) Pyrene	19.66	202	132576	1.830	ng/ul#	84
18) Benzo(a)anthracene	21.39	228	78814	1.095	ng/ul#	85
19) Chrysene	21.44	228	77835	1.127	ng/ul	98
21) Benzo(b)fluoranthene	23.14	252	116186m	1.758	ng/ul	
22) Benzo(k)fluoranthene	23.19	252	41088m	0.630	ng/ul	
23) Benzo(a)pyrene	23.80	252	86617m	1.378	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.54	276	54277m	0.782	ng/ul	
25) Dibenzo(a,h)anthracene	26.56	278	14107m	0.243	ng/ul	
26) Benzo(g,h,i)perylene	27.36	276	52070m	0.890	ng/ul	

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

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Misc :
ALS Vial : 7 Sample Multiplier: 1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Instrument :
BNA_E
ClientSampleId :
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Manual Integrations APPROVED
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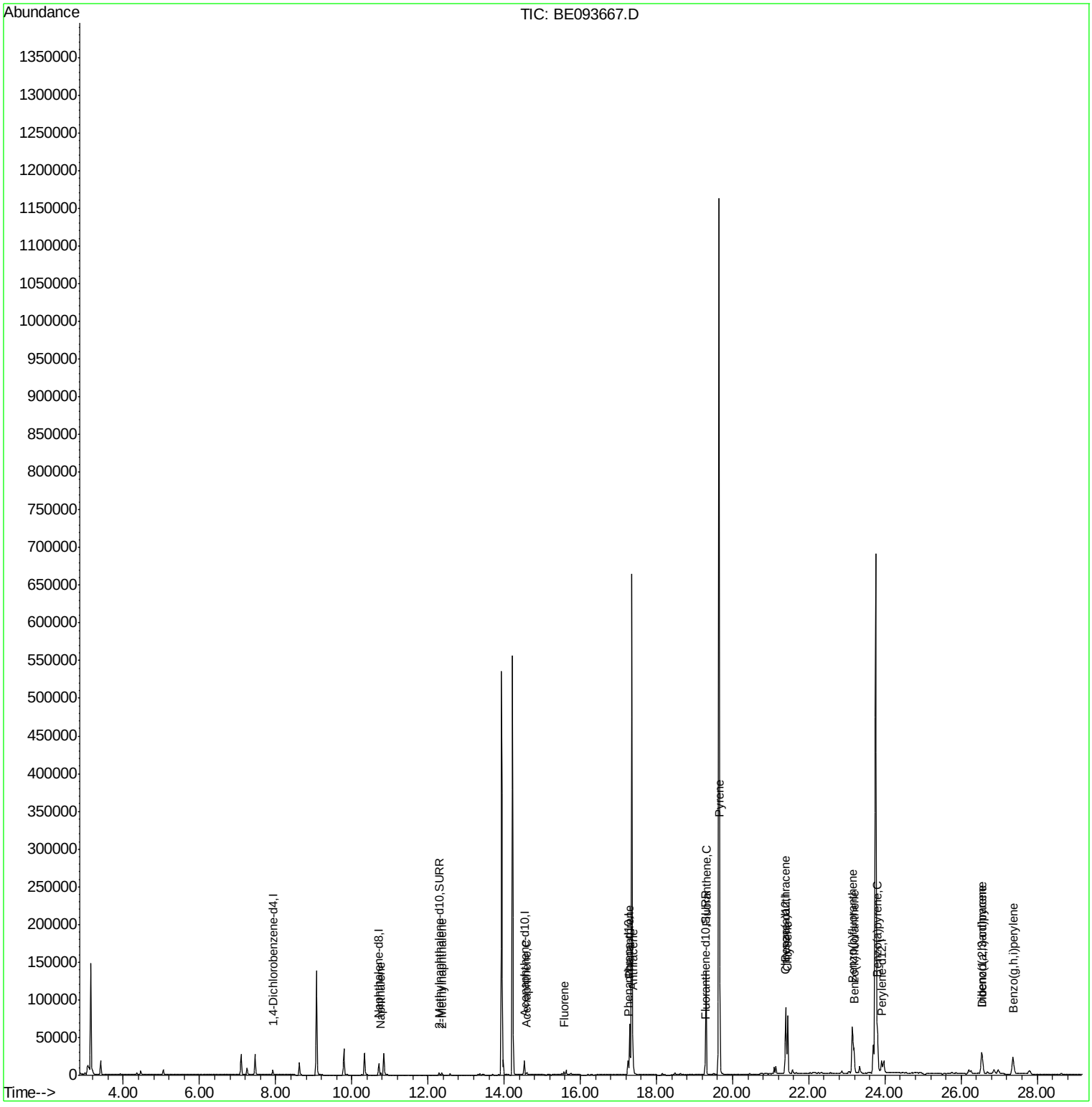

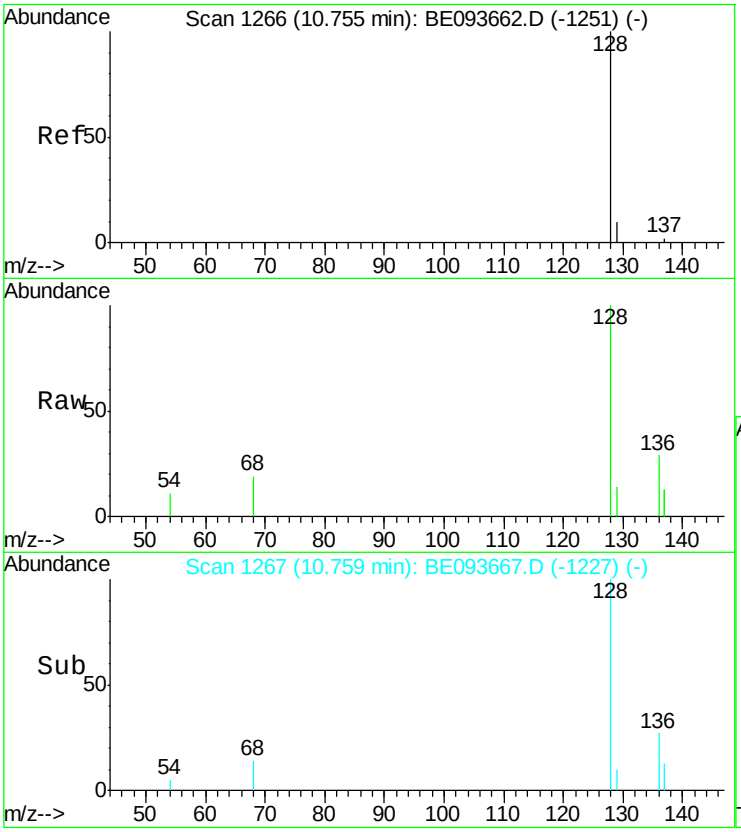

#3
Naphthalene
Concen: 0.072 ng/ul
RT: 10.76 min Scan# 1267
Delta R.T. 0.00 min
Lab File: BE093667.D
Acq: 4 Aug 2017 12:30

Tgt Ion:128 Resp: 2860

Ion	Ratio	Lower	Upper
128	100		
129	14.2	11.3	16.9
127	0.0	4.0	6.0#

Instrument :
BNA_E
ClientSampleId :
C0AA6

Manual Integrations APPROVED
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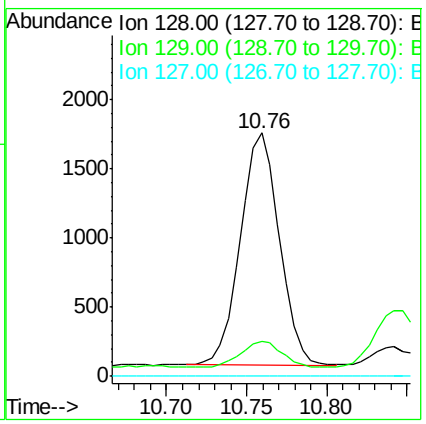
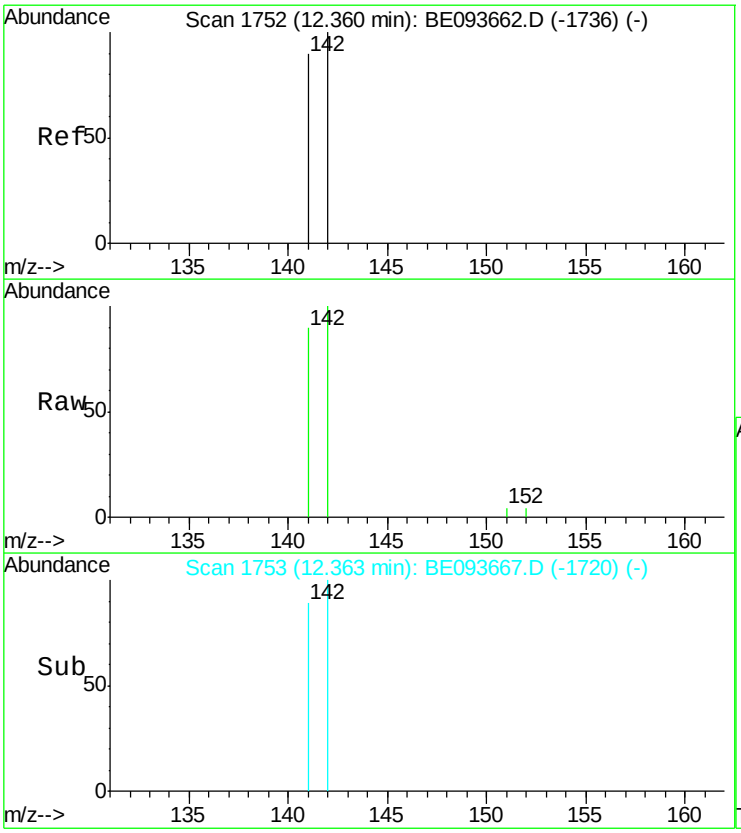
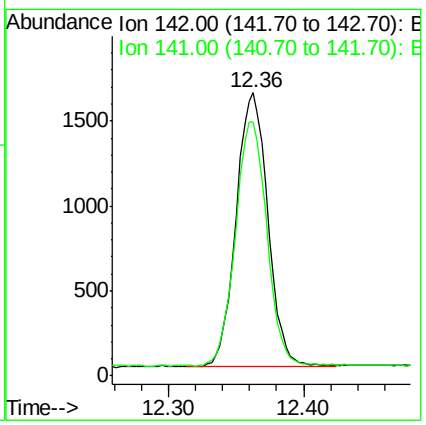


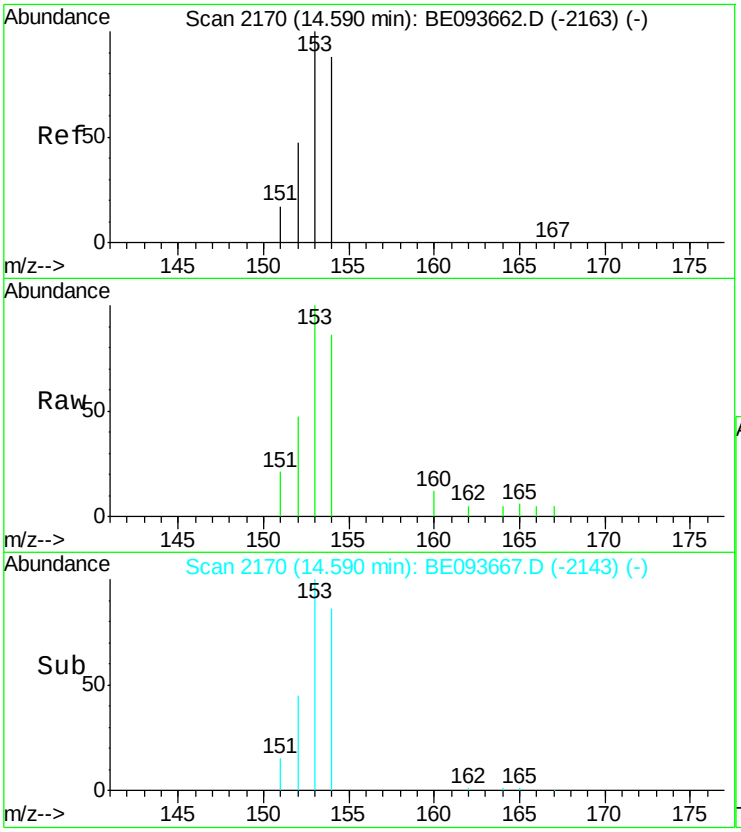


#5
2-Methylnaphthalene
Concen: 0.091 ng/ul
RT: 12.36 min Scan# 1753
Delta R.T. 0.00 min
Lab File: BE093667.D
Acq: 4 Aug 2017 12:30

Tgt Ion:142 Resp: 2638

Ion	Ratio	Lower	Upper
142	100		
141	88.3	72.6	108.8

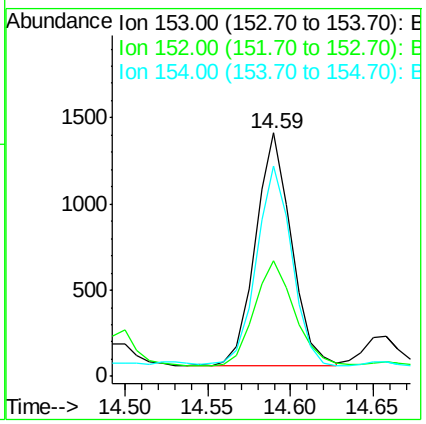




#8
Acenaphthene
Concen: 0.061 ng/ul
RT: 14.59 min Scan# 2170
Delta R.T. -0.00 min
Lab File: BE093667.D
Acq: 4 Aug 2017 12:30

Tgt Ion:153 Resp: 2055

Ion	Ratio	Lower	Upper
153	100		
152	47.4	40.3	60.5
154	86.4	71.4	107.2



Instrument :
BNA_E
ClientSampleId :
C0AA6

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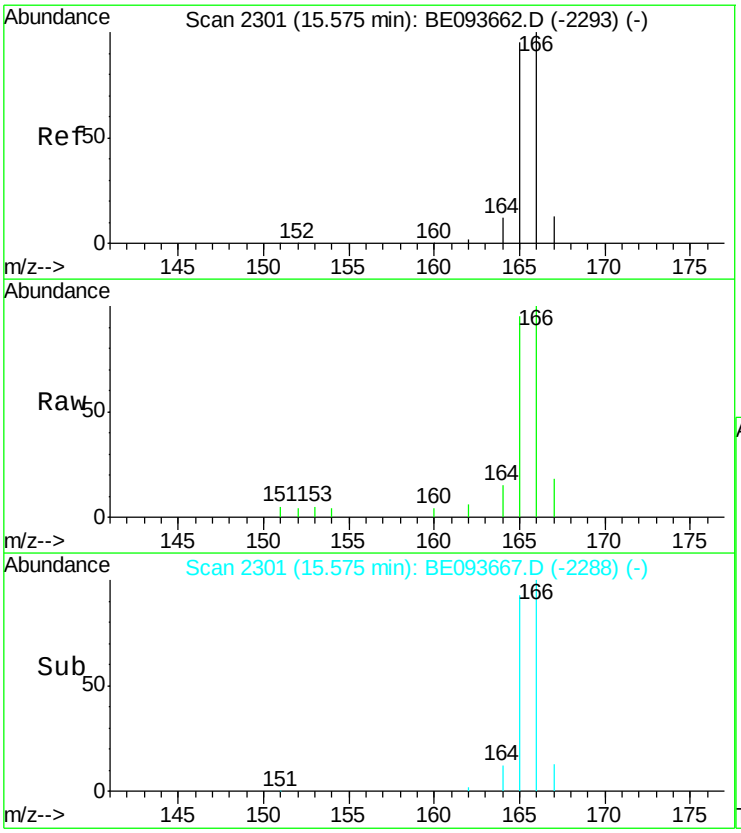
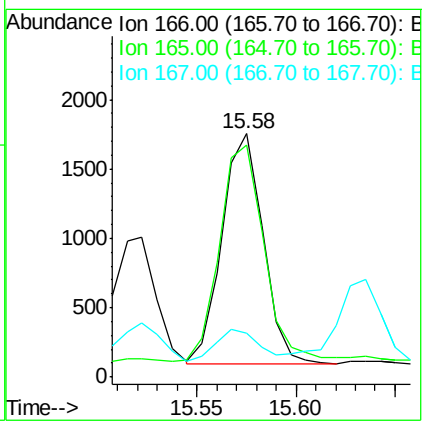
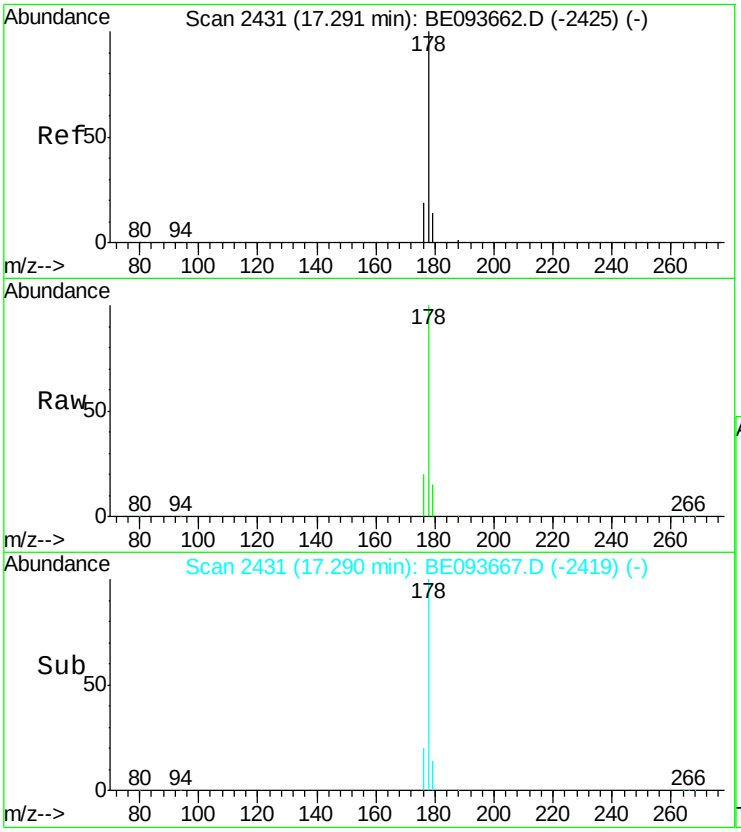


#9
Fluorene
Concen: 0.056 ng/ul
RT: 15.58 min Scan# 2301
Delta R.T. -0.00 min
Lab File: BE093667.D
Acq: 4 Aug 2017 12:30

Tgt Ion:166 Resp: 2398

Ion	Ratio	Lower	Upper
166	100		
165	95.2	73.4	110.2
167	18.0	14.6	22.0

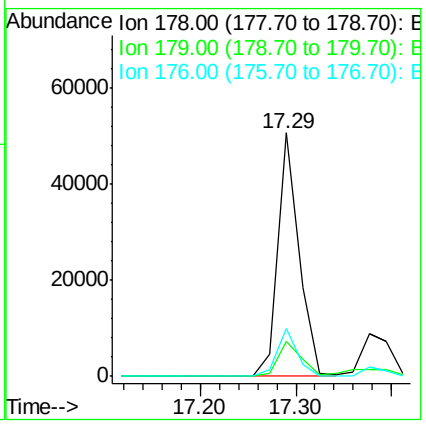




#12
Phenanthrene
Concen: 1.219 ng/ul
RT: 17.29 min Scan# 2431
Delta R.T. -0.00 min
Lab File: BE093667.D
Acq: 4 Aug 2017 12:30

Tgt Ion:178 Resp: 76931

Ion	Ratio	Lower	Upper
178	100		
179	14.5	18.4	27.6#
176	19.7	13.6	20.4



Instrument :
BNA_E
ClientSampleId :
C0AA6

Manual Integrations APPROVED
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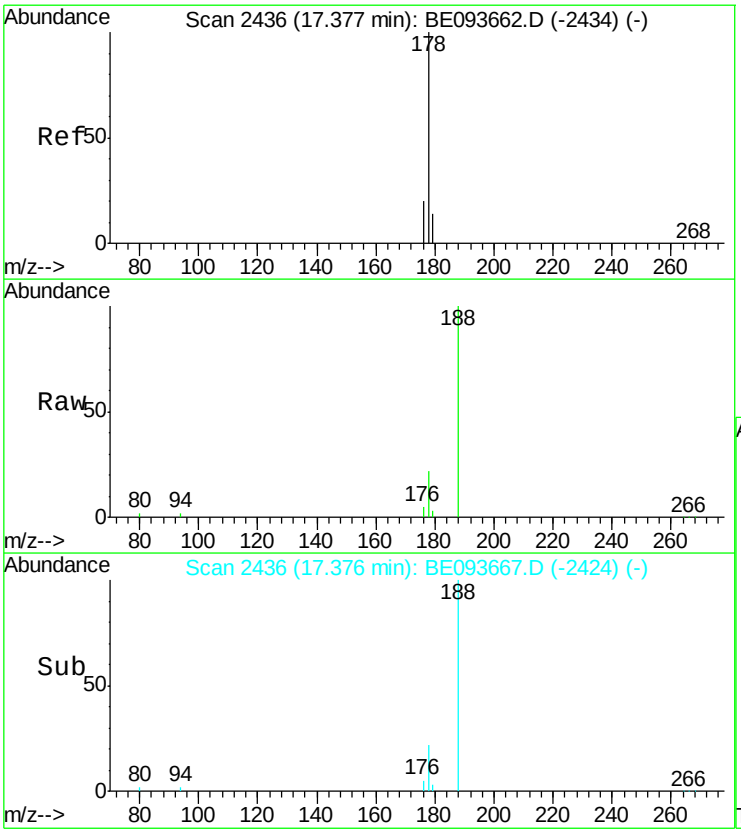
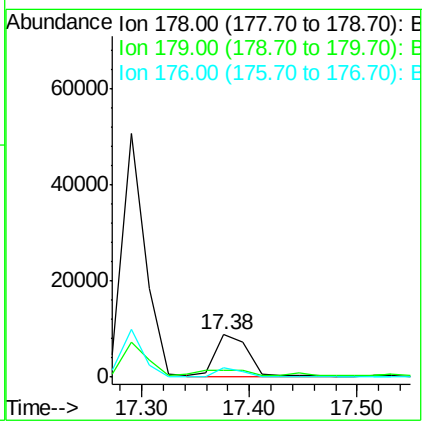
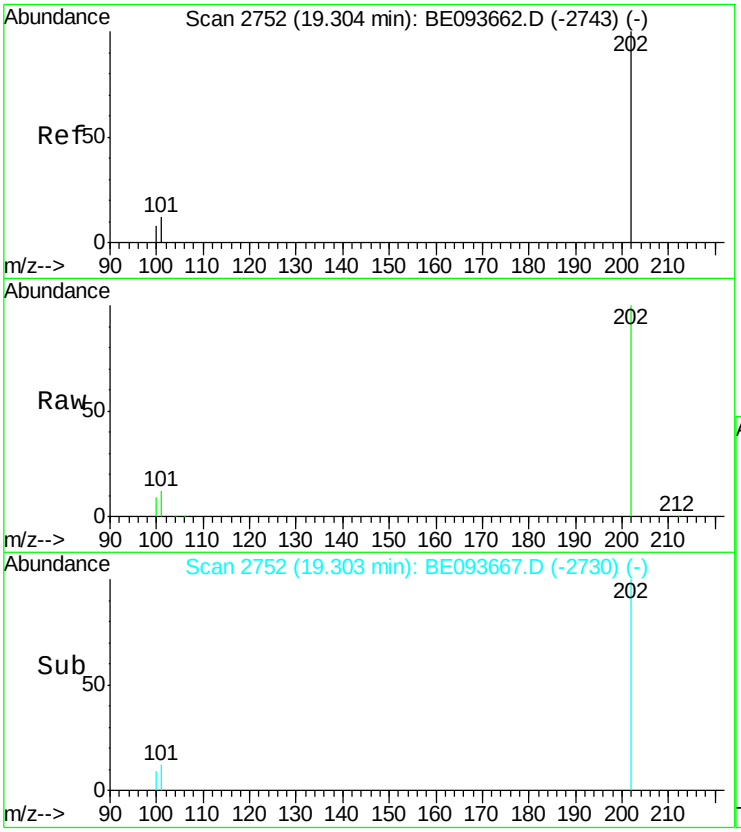


#13
Anthracene
Concen: 0.289 ng/ul
RT: 17.38 min Scan# 2436
Delta R.T. -0.00 min
Lab File: BE093667.D
Acq: 4 Aug 2017 12:30

Tgt Ion:178 Resp: 17738

Ion	Ratio	Lower	Upper
178	100		
179	15.7	18.1	27.1#
176	22.0	14.7	22.1





#15
Fluoranthene
Concen: 1.887 ng/ul
RT: 19.30 min Scan# 2752
Delta R.T. -0.00 min
Lab File: BE093667.D
Acq: 4 Aug 2017 12:30

Tgt Ion:202 Resp: 148950

Ion	Ratio	Lower	Upper
202	100		
101	11.9	0.0	30.3
100	9.4	0.0	39.5

Instrument :
BNA_E
ClientSampleId :
C0AA6

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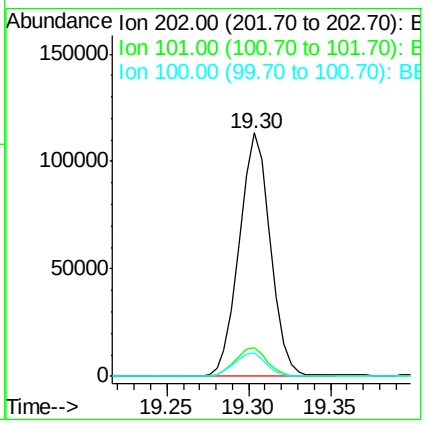
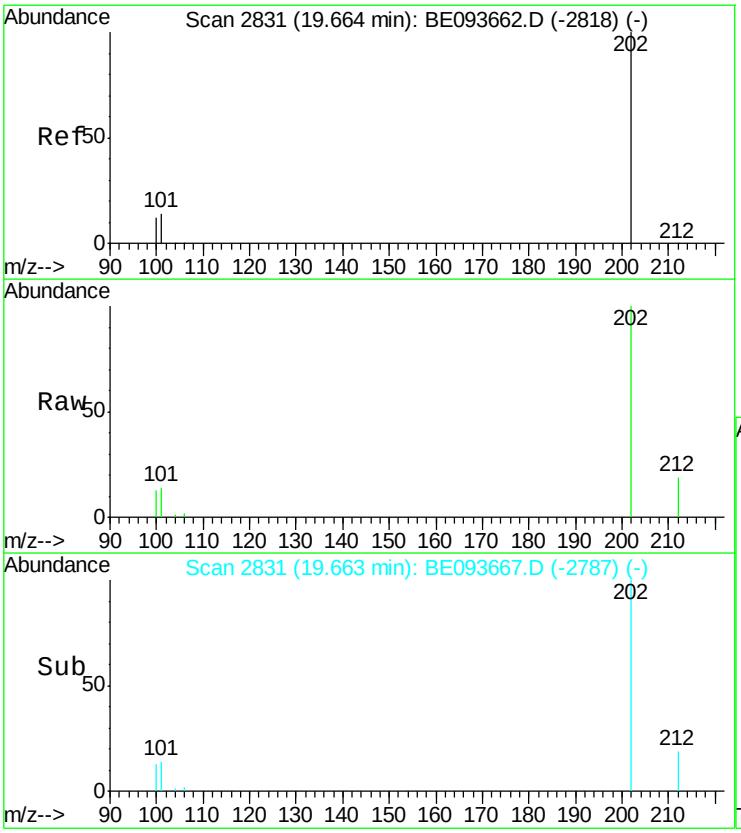
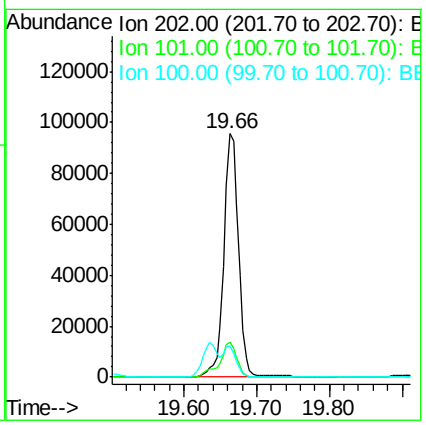


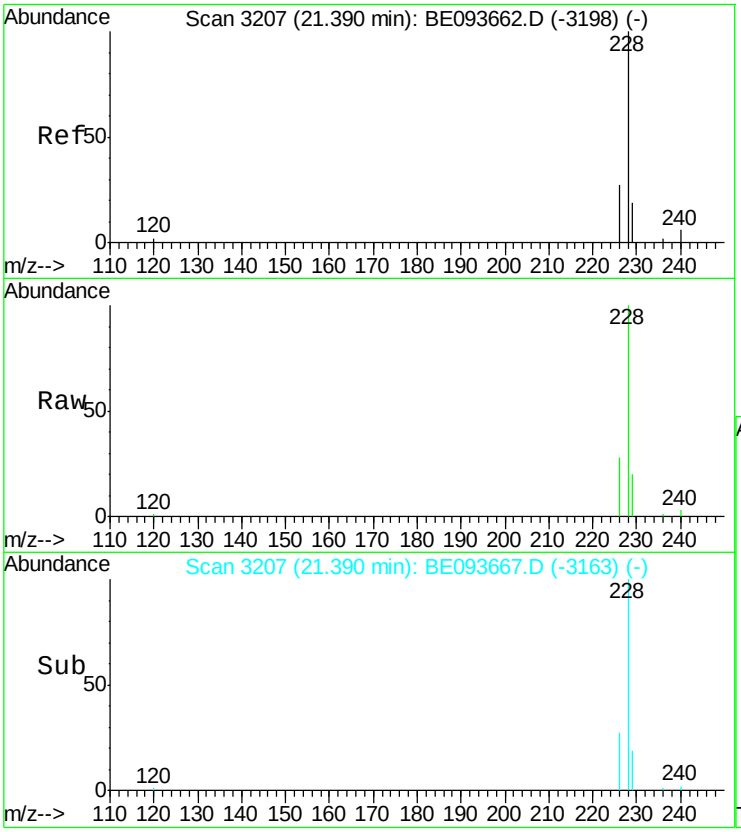


#17
Pyrene
Concen: 1.830 ng/ul
RT: 19.66 min Scan# 2831
Delta R.T. -0.00 min
Lab File: BE093667.D
Acq: 4 Aug 2017 12:30

Tgt Ion:202 Resp: 132576

Ion	Ratio	Lower	Upper
202	100		
101	14.4	18.2	27.4#
100	12.7	15.6	23.4#

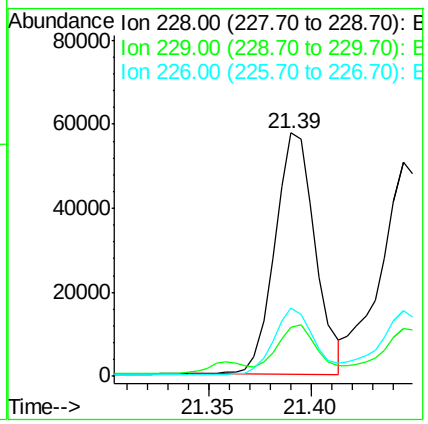




#18
Benzo(a)anthracene
Concen: 1.095 ng/ul
RT: 21.39 min Scan# 3207
Delta R.T. -0.00 min
Lab File: BE093667.D
Acq: 4 Aug 2017 12:30

Tgt Ion:228 Resp: 78814

Ion	Ratio	Lower	Upper
228	100		
229	20.3	22.8	34.2#
226	27.9	17.0	25.6#



Instrument :
BNA_E
ClientSampleId :
C0AA6

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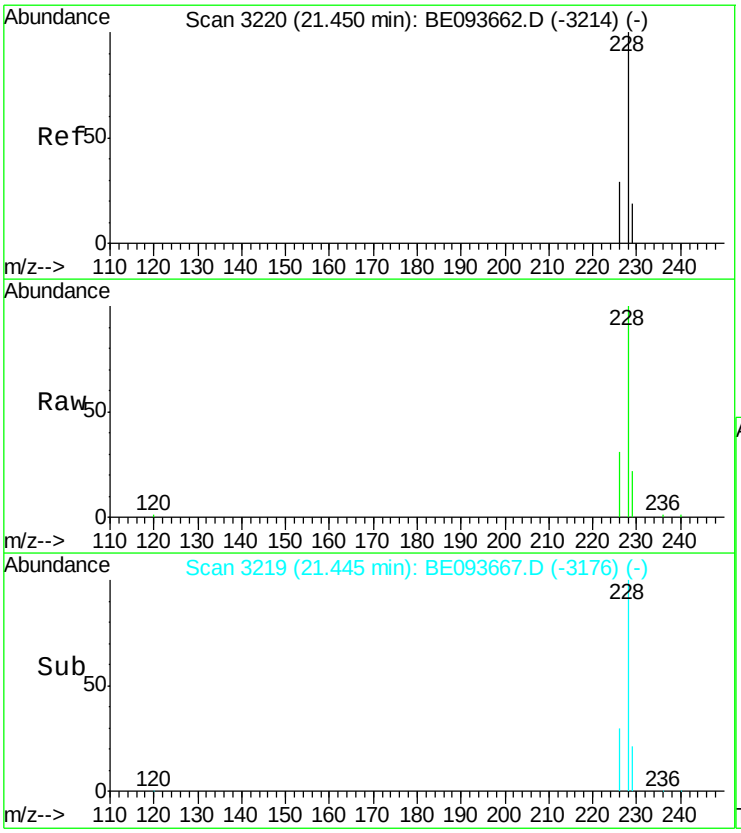
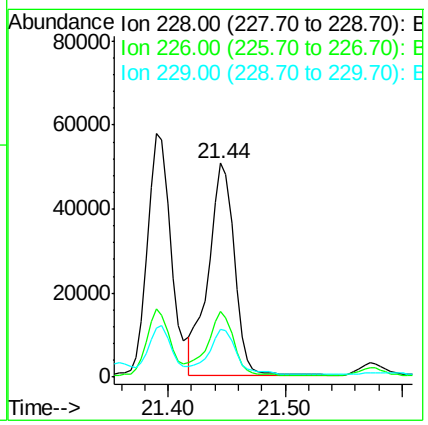
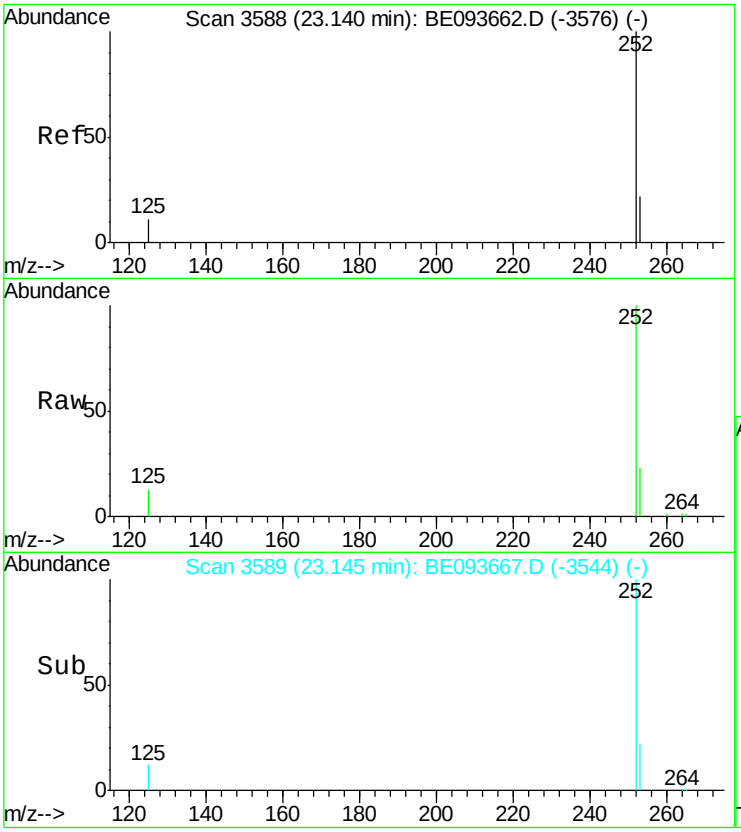


#19
Chrysene
Concen: 1.127 ng/ul
RT: 21.44 min Scan# 3219
Delta R.T. -0.00 min
Lab File: BE093667.D
Acq: 4 Aug 2017 12:30

Tgt Ion:228 Resp: 77835

Ion	Ratio	Lower	Upper
228	100		
226	30.6	23.4	35.0
229	22.1	17.7	26.5

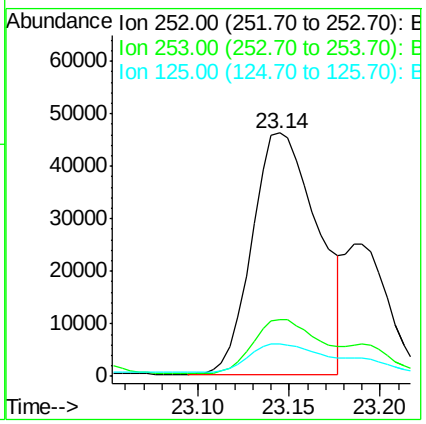




#21
Benzo(b)fluoranthene
Concen: 1.758 ng/ul m
RT: 23.14 min Scan# 3589
Delta R.T. 0.00 min
Lab File: BE093667.D
Acq: 4 Aug 2017 12:30

Tgt Ion:252 Resp: 116186

Ion	Ratio	Lower	Upper
252	100		
253	23.1	0.0	64.2
125	13.4	0.0	35.0



Instrument :
BNA_E
ClientSampleId :
C0AA6

Manual Integrations APPROVED
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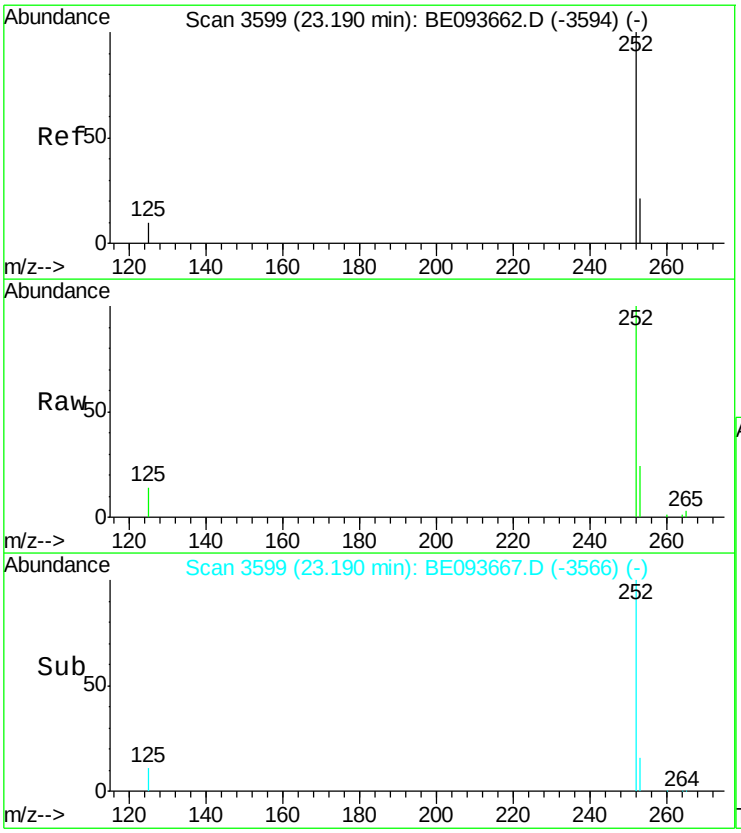
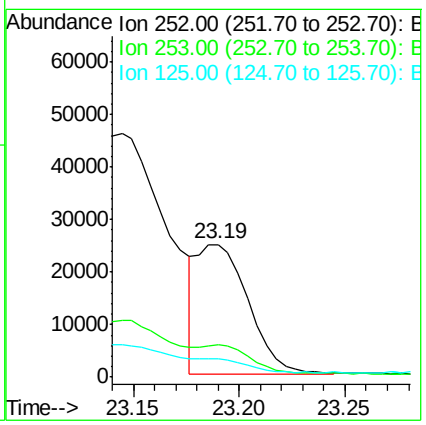
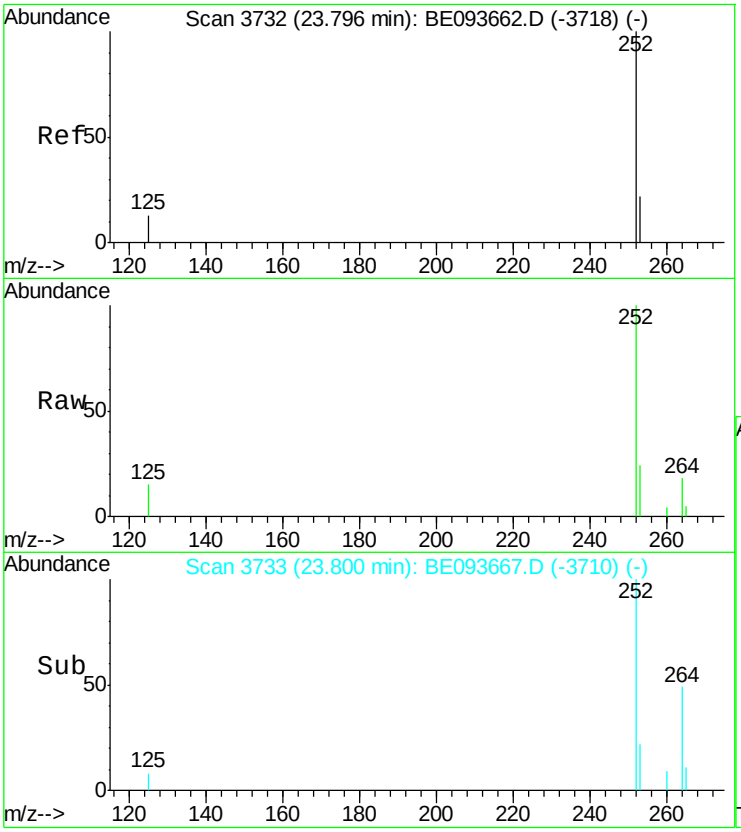


#22
Benzo(k)fluoranthene
Concen: 0.630 ng/ul m
RT: 23.19 min Scan# 3599
Delta R.T. -0.00 min
Lab File: BE093667.D
Acq: 4 Aug 2017 12:30

Tgt Ion:252 Resp: 41088

Ion	Ratio	Lower	Upper
252	100		
253	24.4	24.5	36.7#
125	13.9	13.7	20.5





#23
Benzo(a)pyrene
Concen: 1.378 ng/ul m
RT: 23.80 min Scan# 3733
Delta R.T. 0.00 min
Lab File: BE093667.D
Acq: 4 Aug 2017 12:30

Tgt Ion:252 Resp: 86617

Ion	Ratio	Lower	Upper
252	100		
253	23.5	28.5	42.7#
125	14.6	18.1	27.1#

Instrument :
BNA_E
ClientSampleId :
C0AA6

Manual Integrations APPROVED
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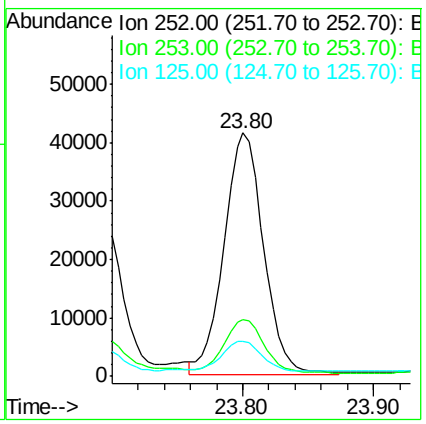
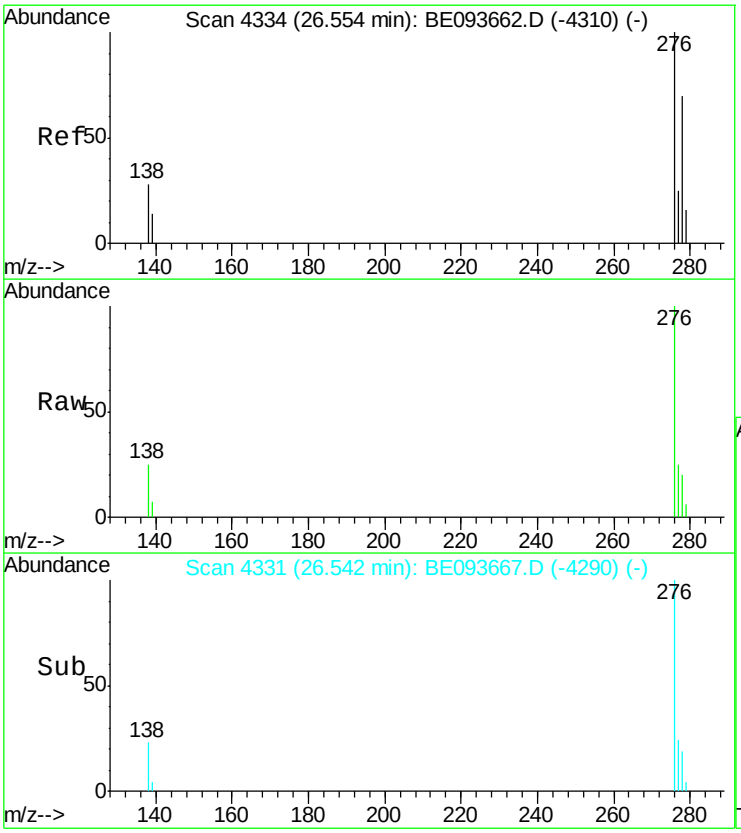
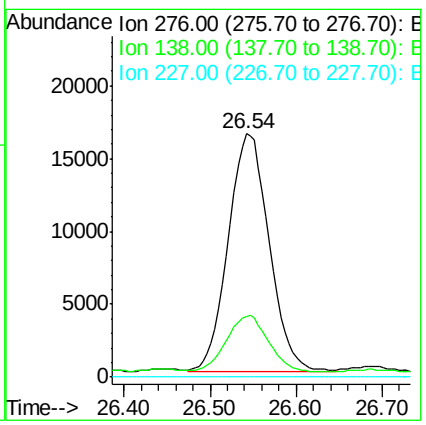


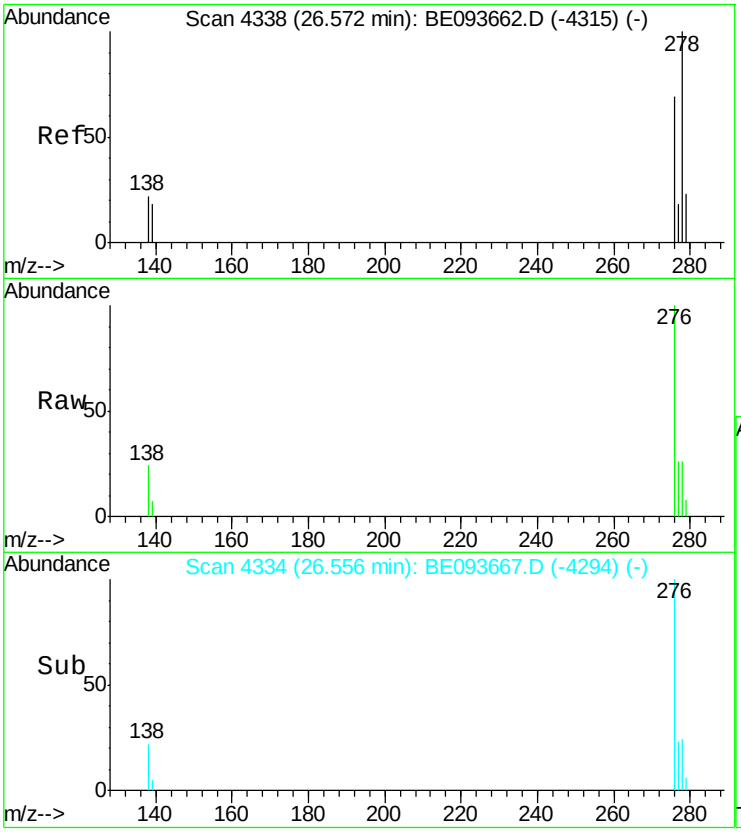


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.782 ng/ul m
RT: 26.54 min Scan# 4331
Delta R.T. -0.01 min
Lab File: BE093667.D
Acq: 4 Aug 2017 12:30

Tgt Ion:276 Resp: 54277

Ion	Ratio	Lower	Upper
276	100		
138	2.0	28.0	42.0#
227	0.0	8.0	12.0#





#25
Dibenzo(a,h)anthracene
Concen: 0.243 ng/ul m
RT: 26.56 min Scan# 4334
Delta R.T. -0.02 min
Lab File: BE093667.D
Acq: 4 Aug 2017 12:30

Instrument :
BNA_E
ClientSampleId :
C0AA6

Manual Integrations APPROVED
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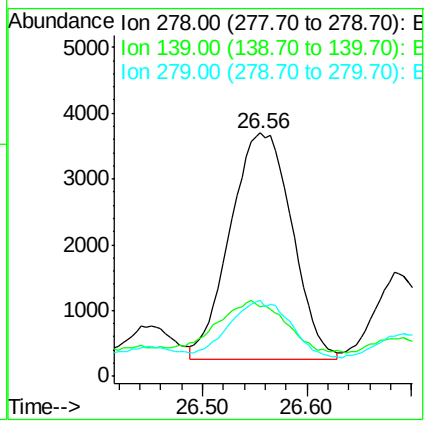
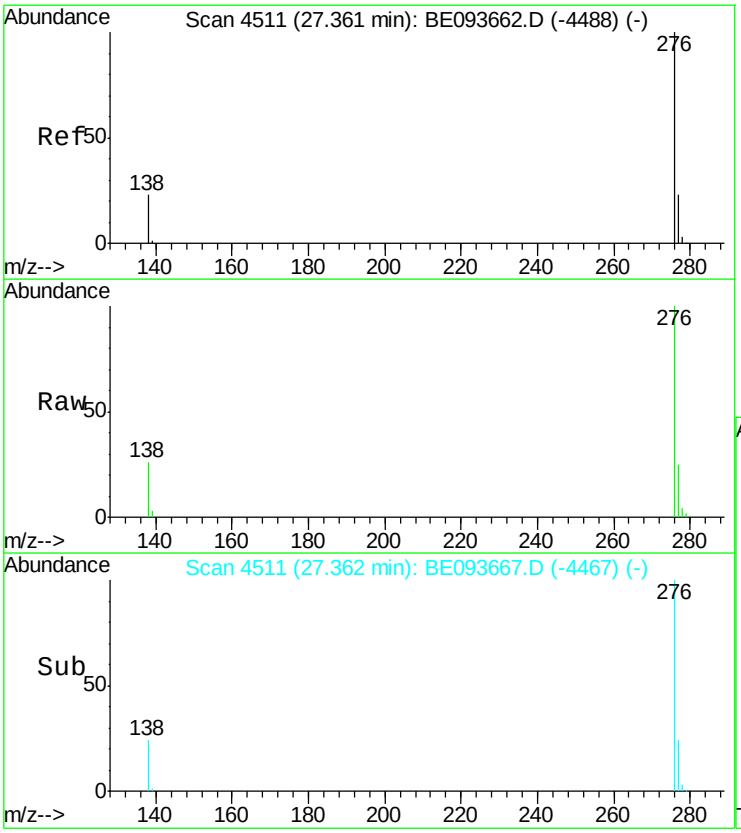
Tgt Ion:278 Resp: 14107

Ion	Ratio	Lower	Upper
278	100		
139	28.6	17.4	26.0#
279	31.3	25.9	38.9





#26
Benzo(g,h,i)perylene
Concen: 0.890 ng/ul m
RT: 27.36 min Scan# 4511
Delta R.T. 0.00 min
Lab File: BE093667.D
Acq: 4 Aug 2017 12:30

Tgt Ion:276 Resp: 52070

Ion	Ratio	Lower	Upper
276	100		
138	25.6	21.8	32.8
277	25.4	20.5	30.7