Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081417\
Data File : BE093789.D
Acq On : 14 Aug 2017 16:07
Operator : SJ/JU
Sample : I4504-16
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AA7

Manual Integrations APPROVED
Sohil
8/15/2017 6:43:19 PM

Quant Time: Aug 14 18:55:39 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE072417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 12 02:01:53 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	2522	0.40	ng/ul	0.00
2) Naphthalene-d8	10.71	136	13285	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.53	164	8493	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	18678m	0.40	ng/ul	0.00
16) Chrysene-d12	21.41	240	19179	0.40	ng/ul	0.00
20) Perylene-d12	23.92	264	20201	0.40	ng/ul	0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	2002	0.09	ng/ul	0.00
14) Fluoranthene-d10	19.27	212	7540m	0.13	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.75	128	12270	0.380	ng/ul#	94
5) 2-Methylnaphthalene	12.36	142	21703	0.921	ng/ul	100
7) Acenaphthylene	14.24	152	2133	0.060	ng/ul#	42
8) Acenaphthene	14.59	153	3850	0.138	ng/ul	94
9) Fluorene	15.57	166	19978	0.565	ng/ul	91
12) Phenanthrene	17.29	178	56799	1.117	ng/ul#	92
13) Anthracene	17.38	178	20015m	0.404	ng/ul	
15) Fluoranthene	19.30	202	32808	0.516	ng/ul	82
17) Pyrene	19.66	202	51374	0.918	ng/ul#	84
18) Benzo(a)anthracene	21.39	228	18206	0.327	ng/ul#	65
19) Chrysene	21.45	228	17652	0.331	ng/ul#	67
21) Benzo(b)fluoranthene	23.15	252	9658m	0.155	ng/ul	
22) Benzo(k)fluoranthene	23.18	252	2344m	0.038	ng/ul	
23) Benzo(a)pyrene	23.80	252	8280	0.139	ng/ul#	76
24) Indeno(1,2,3-cd)pyrene	26.56	276	3355	0.051	ng/ul#	87

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081417\
Data File : BE093789.D
Acq On : 14 Aug 2017 16:07
Operator : SJ/JU
Sample : I4504-16
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Aug 14 18:55:39 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE072417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 12 02:01:53 2017
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
C0AA7

Manual Integrations APPROVED
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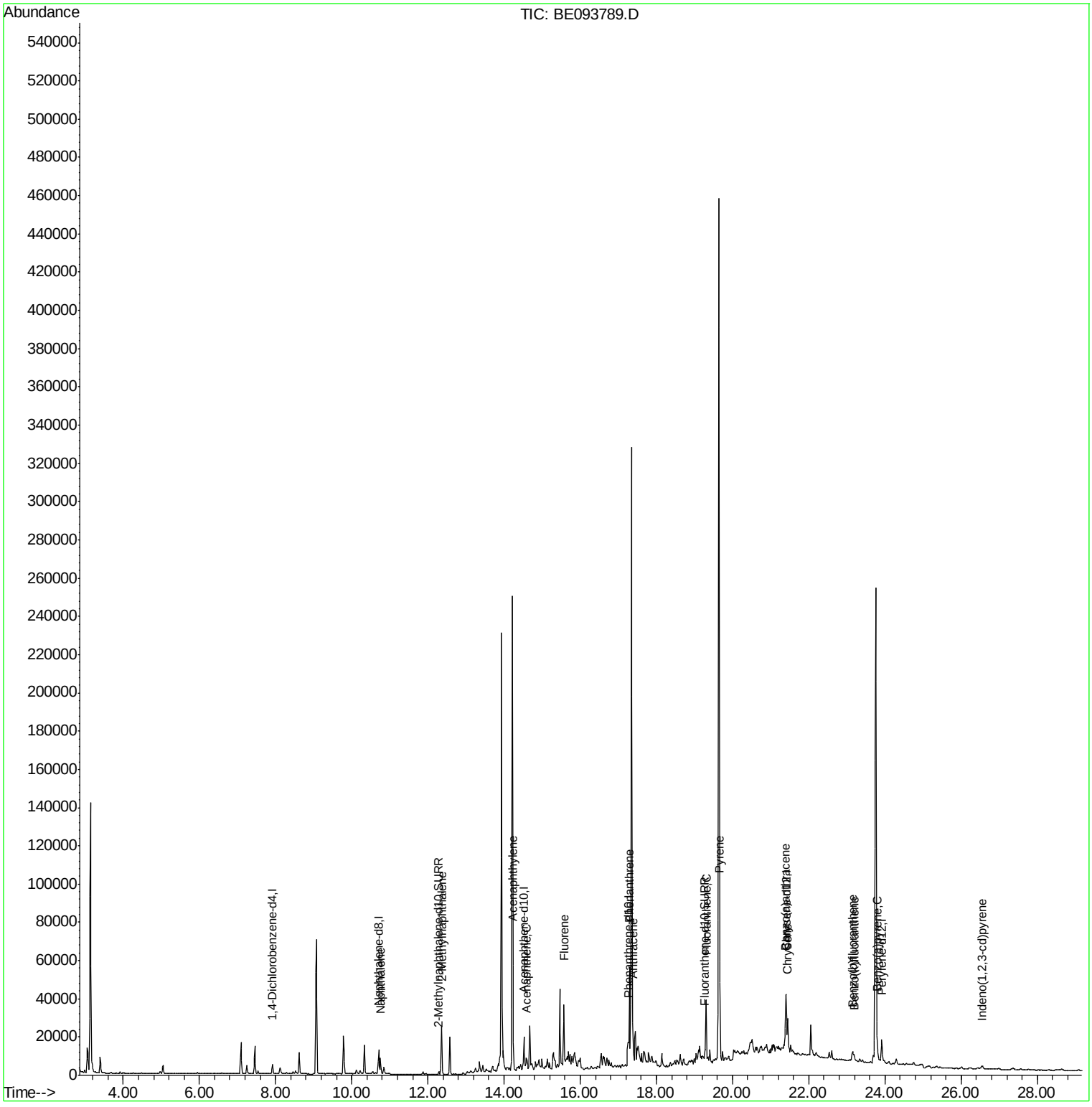

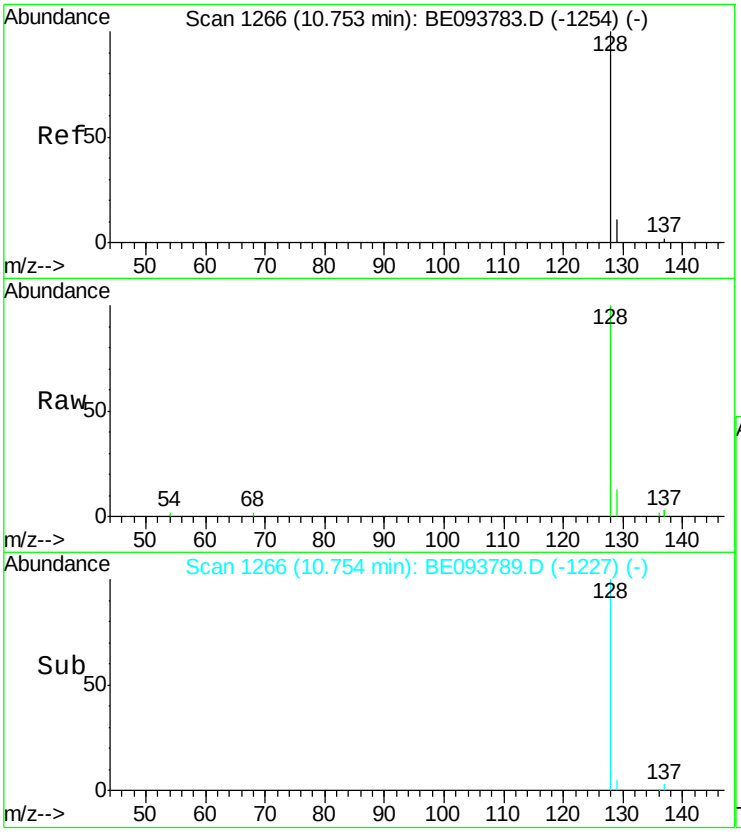

#3
Naphthalene
Concen: 0.380 ng/ul
RT: 10.75 min Scan# 1266
Delta R.T. 0.00 min
Lab File: BE093789.D
Acq: 14 Aug 2017 16:07

Tgt Ion:128 Resp: 12270

Ion	Ratio	Lower	Upper
128	100		
129	13.2	11.3	16.9
127	0.0	4.0	6.0#

Instrument :
BNA_E
ClientSampleId :
C0AA7

Manual Integrations APPROVED
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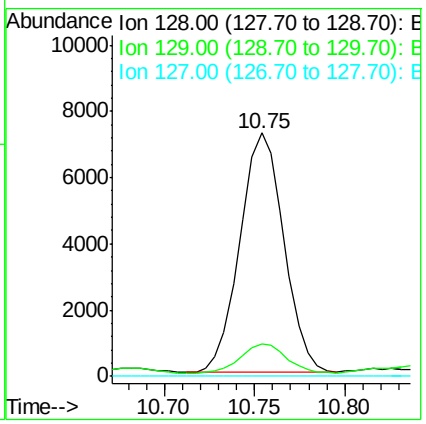
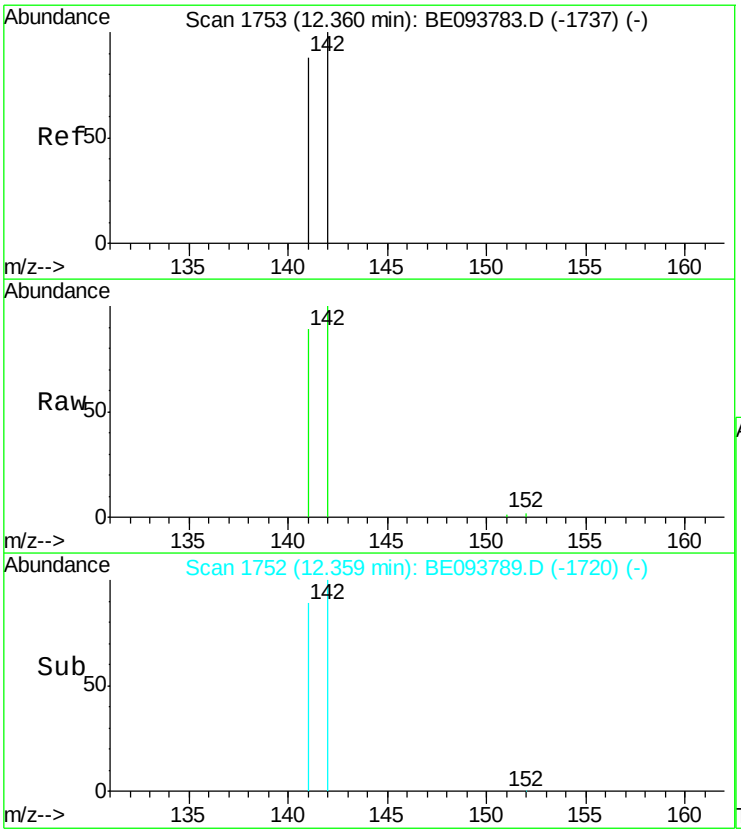
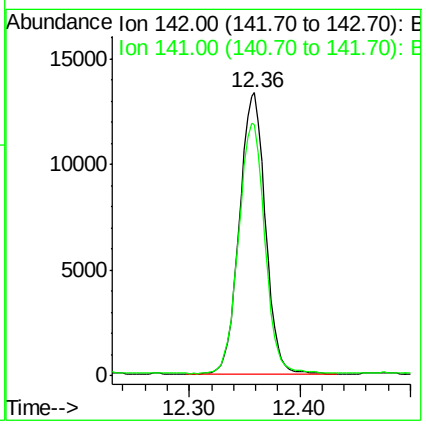


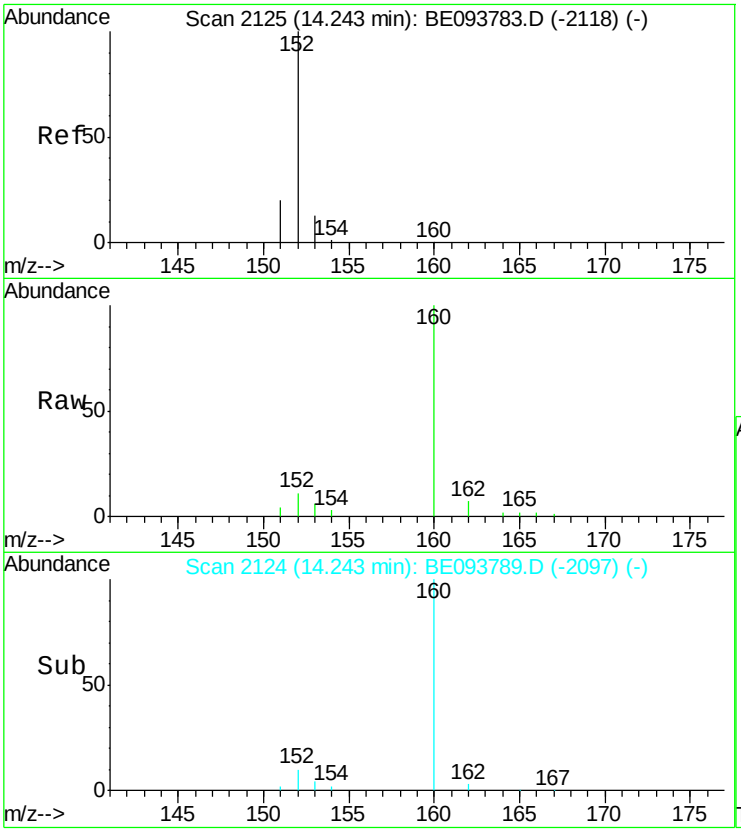


#5
2-Methylnaphthalene
Concen: 0.921 ng/ul
RT: 12.36 min Scan# 1752
Delta R.T. -0.00 min
Lab File: BE093789.D
Acq: 14 Aug 2017 16:07

Tgt Ion:142 Resp: 21703

Ion	Ratio	Lower	Upper
142	100		
141	90.4	72.6	108.8





#7
Acenaphthylene
Concen: 0.060 ng/ul
RT: 14.24 min Scan# 2124
Delta R.T. -0.00 min
Lab File: BE093789.D
Acq: 14 Aug 2017 16:07

Tgt Ion:152 Resp: 2133

Ion	Ratio	Lower	Upper
152	100		
151	36.5	17.1	25.7#
153	55.3	12.8	19.2#

Instrument :
BNA_E
ClientSampleId :
C0AA7

Manual Integrations APPROVED
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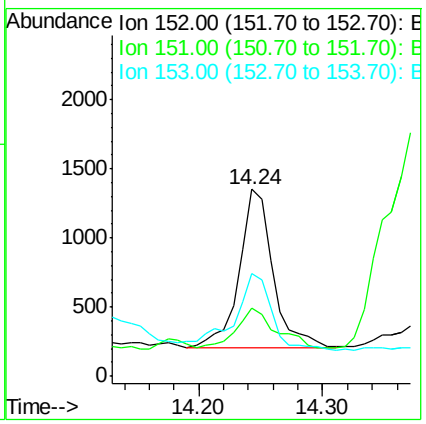
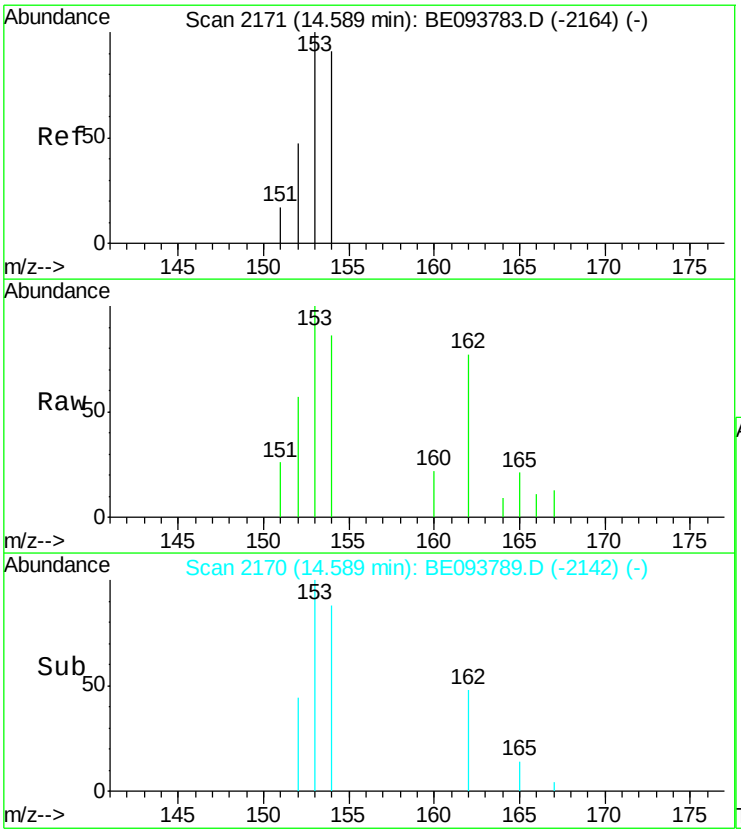
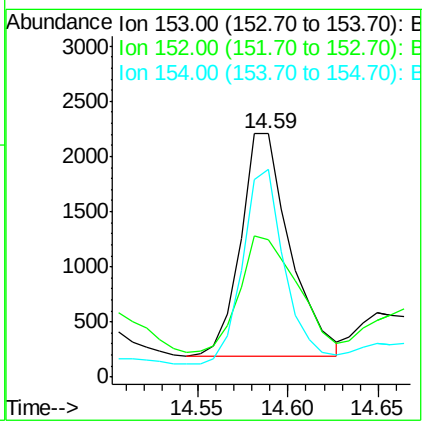


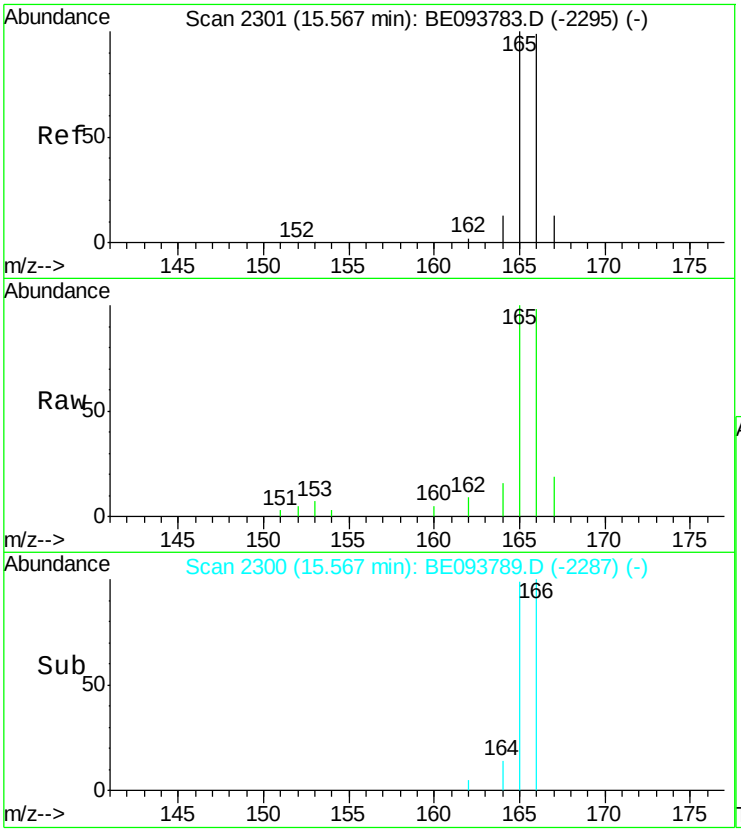


#8
Acenaphthene
Concen: 0.138 ng/ul
RT: 14.59 min Scan# 2170
Delta R.T. 0.01 min
Lab File: BE093789.D
Acq: 14 Aug 2017 16:07

Tgt Ion:153 Resp: 3850

Ion	Ratio	Lower	Upper
153	100		
152	56.5	40.3	60.5
154	85.5	71.4	107.2





#9
Fluorene
Concen: 0.565 ng/ul
RT: 15.57 min Scan# 2300
Delta R.T. -0.00 min
Lab File: BE093789.D
Acq: 14 Aug 2017 16:07

Tgt Ion:166 Resp: 19978

Ion	Ratio	Lower	Upper
166	100		
165	101.8	73.4	110.2
167	19.0	14.6	22.0

Instrument :
BNA_E
ClientSampleId :
C0AA7

Manual Integrations APPROVED
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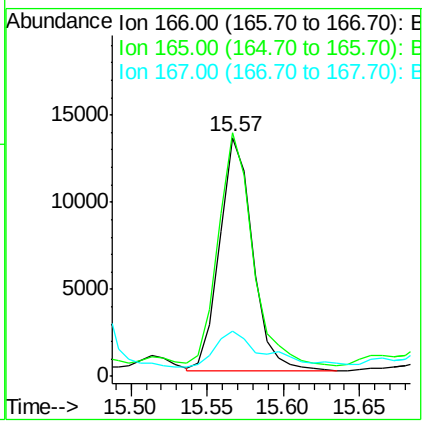
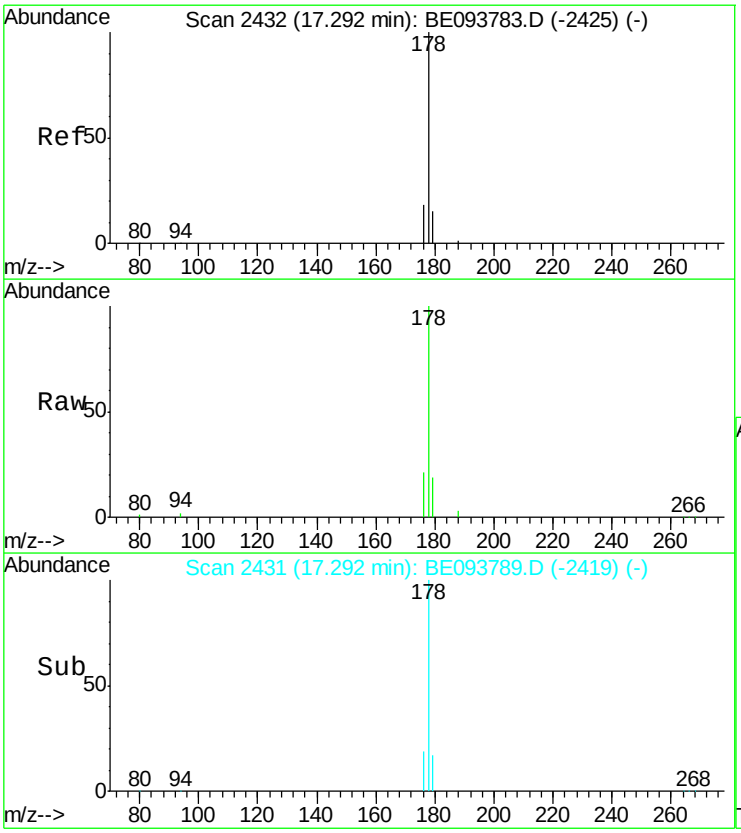
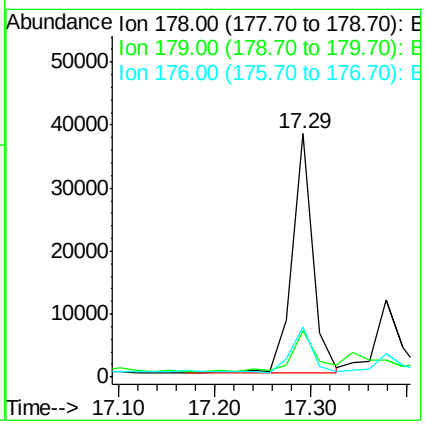


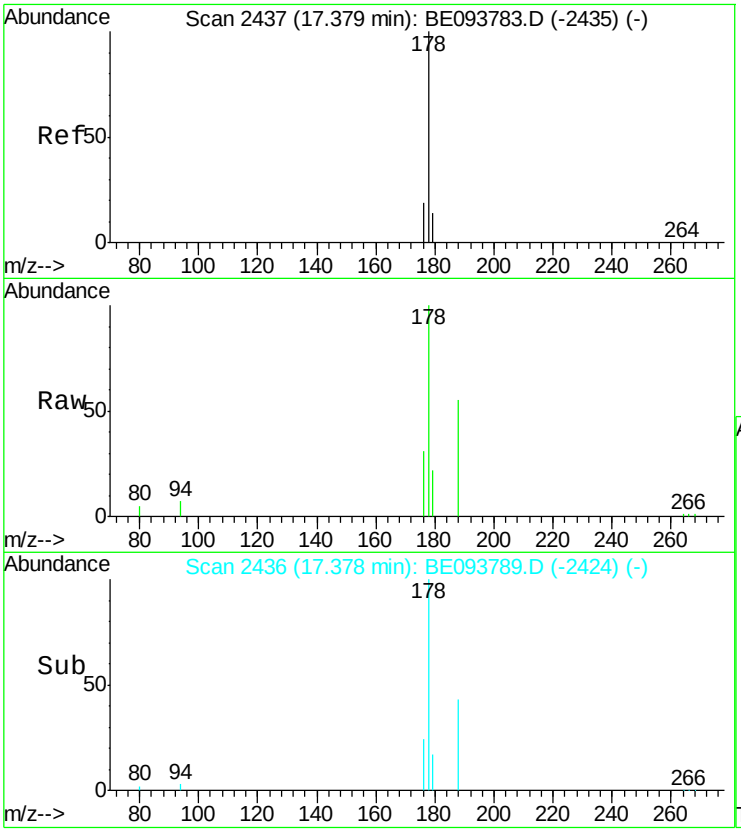


#12
Phenanthrene
Concen: 1.117 ng/ul
RT: 17.29 min Scan# 2431
Delta R.T. -0.00 min
Lab File: BE093789.D
Acq: 14 Aug 2017 16:07

Tgt Ion:178 Resp: 56799

Ion	Ratio	Lower	Upper
178	100		
179	19.1	18.4	27.6
176	20.8	13.6	20.4#





#13
Anthracene
Concen: 0.404 ng/ul m
RT: 17.38 min Scan# 2436
Delta R.T. -0.00 min
Lab File: BE093789.D
Acq: 14 Aug 2017 16:07

Tgt Ion:178 Resp: 20015

Ion	Ratio	Lower	Upper
178	100		
179	22.4	18.1	27.1
176	31.0	14.7	22.1#

Instrument :
BNA_E
ClientSampleId :
C0AA7

Manual Integrations APPROVED
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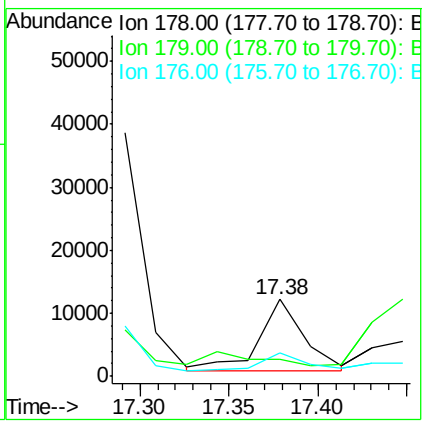
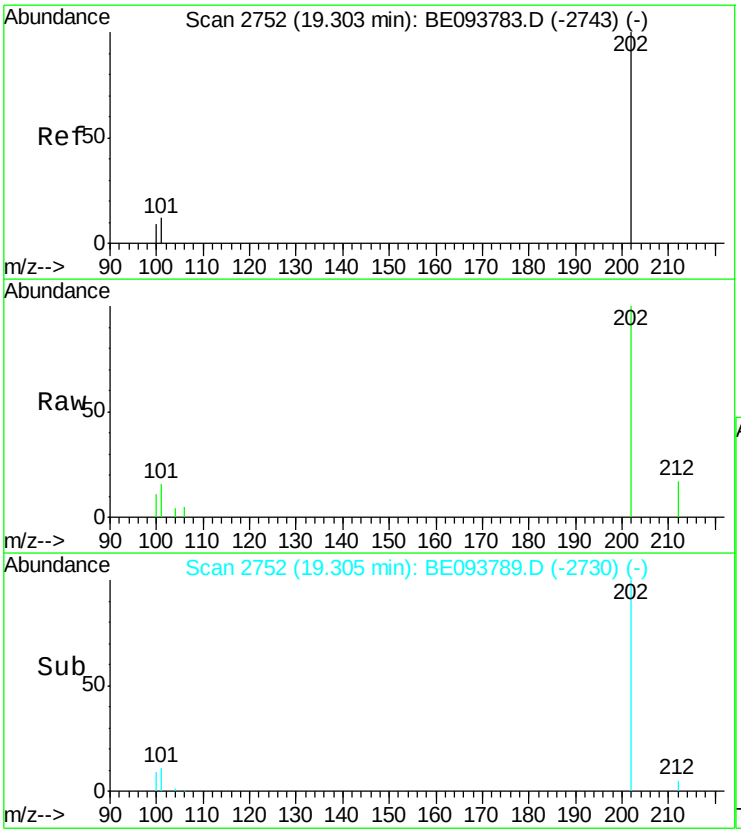
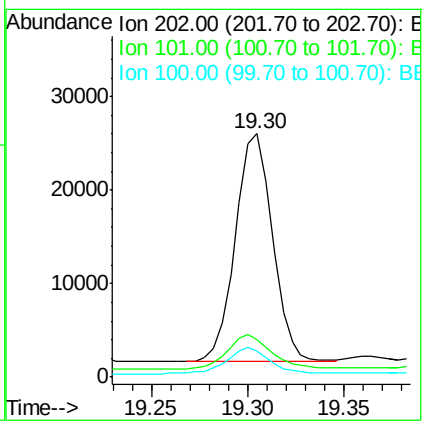


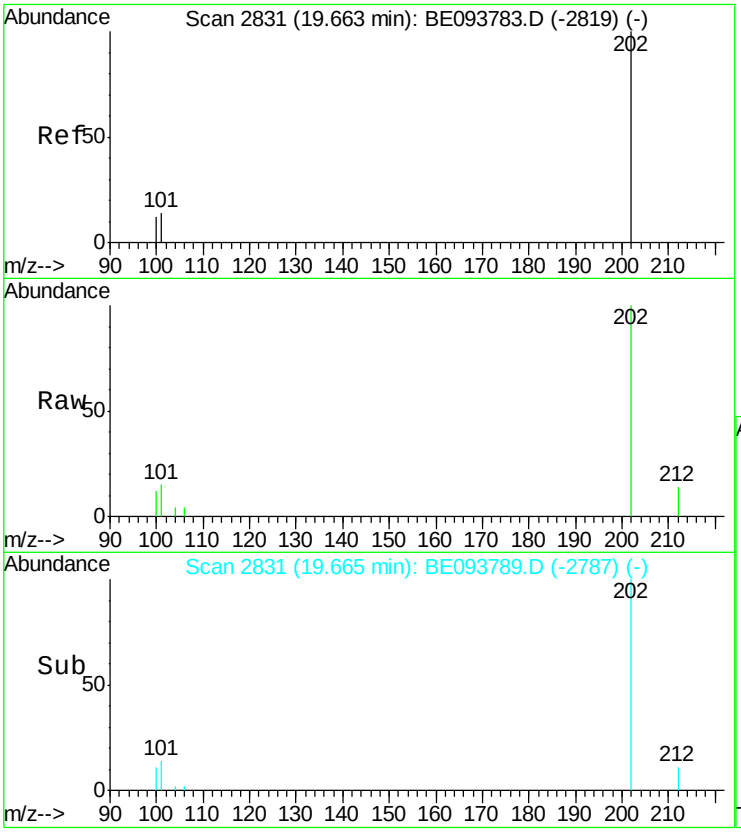


#15
Fluoranthene
Concen: 0.516 ng/ul
RT: 19.30 min Scan# 2752
Delta R.T. 0.00 min
Lab File: BE093789.D
Acq: 14 Aug 2017 16:07

Tgt Ion:202 Resp: 32808

Ion	Ratio	Lower	Upper
202	100		
101	15.6	0.0	30.3
100	10.6	0.0	39.5





#17
Pyrene
Concen: 0.918 ng/ul
RT: 19.66 min Scan# 2831
Delta R.T. 0.00 min
Lab File: BE093789.D
Acq: 14 Aug 2017 16:07

Tgt Ion:202 Resp: 51374

Ion	Ratio	Lower	Upper
202	100		
101	15.5	18.2	27.4#
100	12.0	15.6	23.4#

Instrument :
BNA_E
ClientSampleId :
C0AA7

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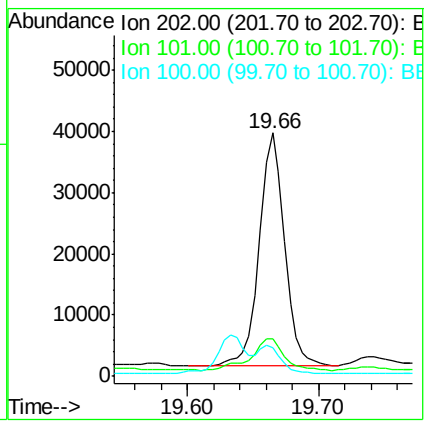
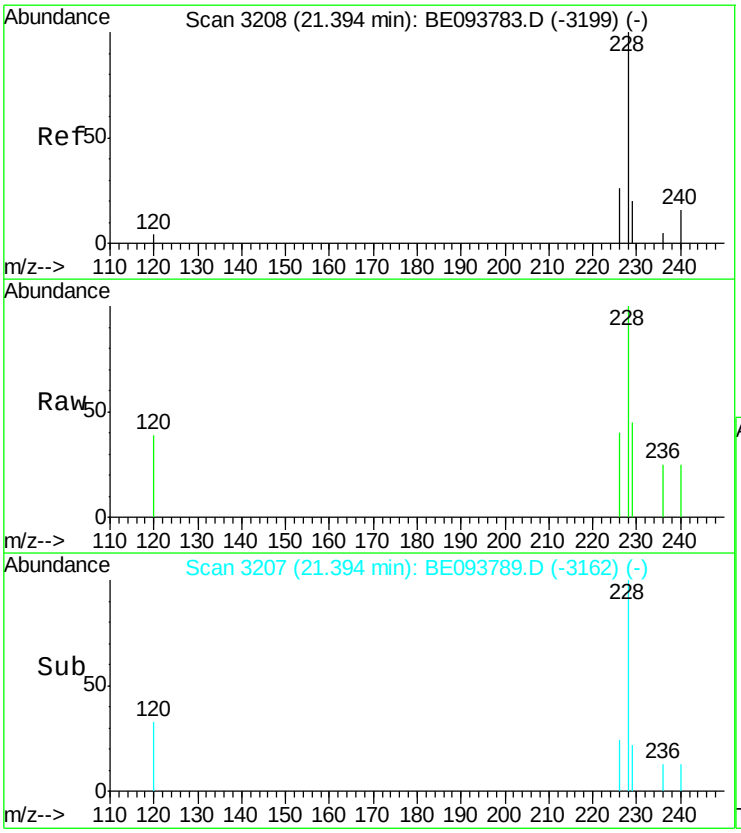
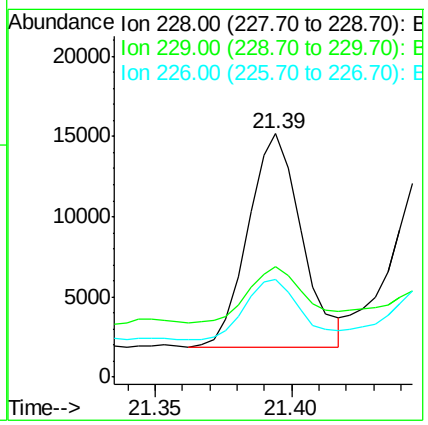


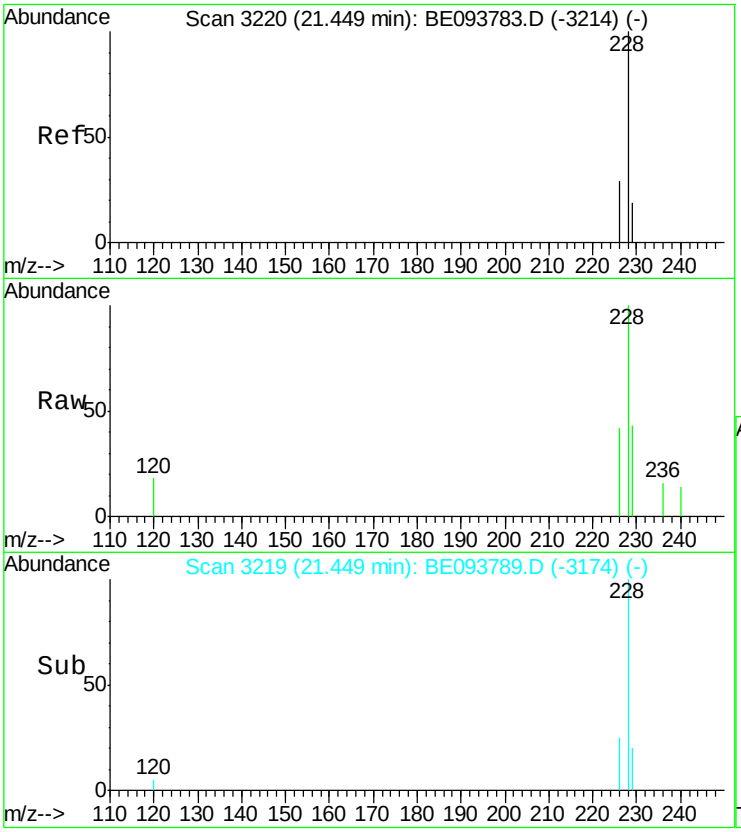


#18
Benzo(a)anthracene
Concen: 0.327 ng/ul
RT: 21.39 min Scan# 3207
Delta R.T. 0.00 min
Lab File: BE093789.D
Acq: 14 Aug 2017 16:07

Tgt Ion:228 Resp: 18206

Ion	Ratio	Lower	Upper
228	100		
229	45.2	22.8	34.2#
226	40.3	17.0	25.6#





#19
Chrysene
Concen: 0.331 ng/ul
RT: 21.45 min Scan# 3219
Delta R.T. 0.00 min
Lab File: BE093789.D
Acq: 14 Aug 2017 16:07

Instrument :
BNA_E
ClientSampleId :
C0AA7

Manual Integrations APPROVED
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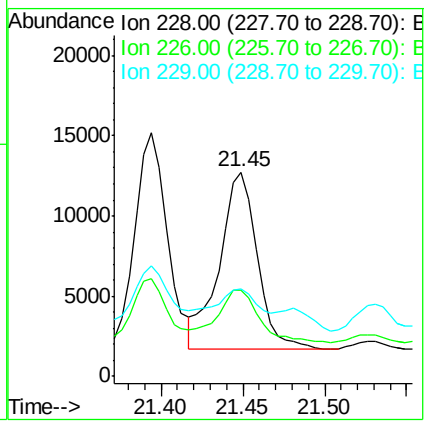
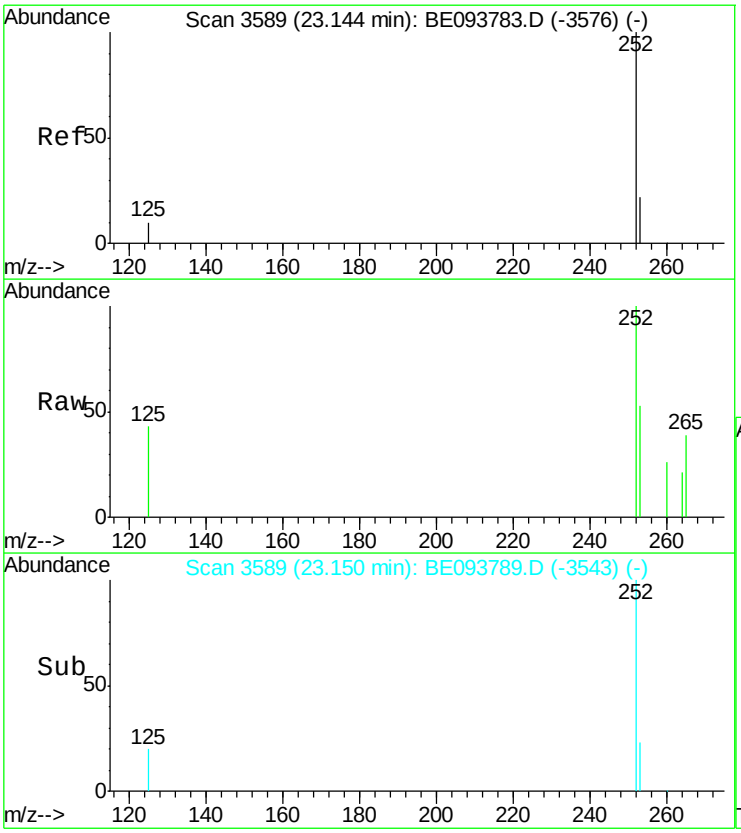
Tgt Ion:228 Resp: 17652

Ion	Ratio	Lower	Upper
228	100		
226	42.2	23.4	35.0#
229	43.0	17.7	26.5#

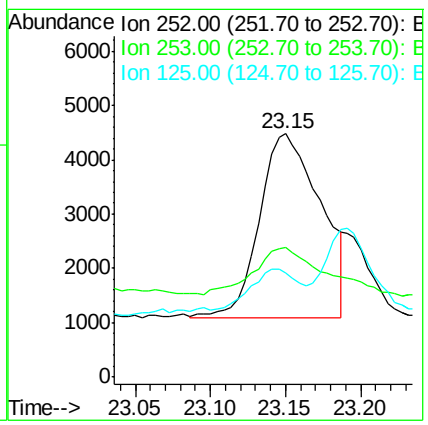


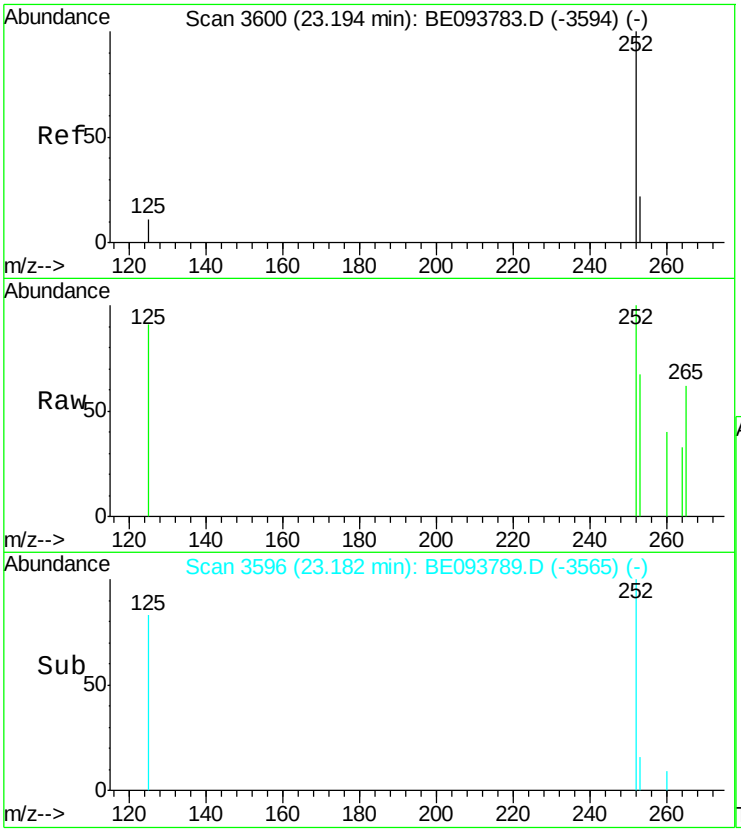


#21
Benzo(b)fluoranthene
Concen: 0.155 ng/ul m
RT: 23.15 min Scan# 3589
Delta R.T. 0.01 min
Lab File: BE093789.D
Acq: 14 Aug 2017 16:07

Tgt Ion:252 Resp: 9658

Ion	Ratio	Lower	Upper
252	100		
253	53.1	0.0	64.2
125	43.0	0.0	35.0#

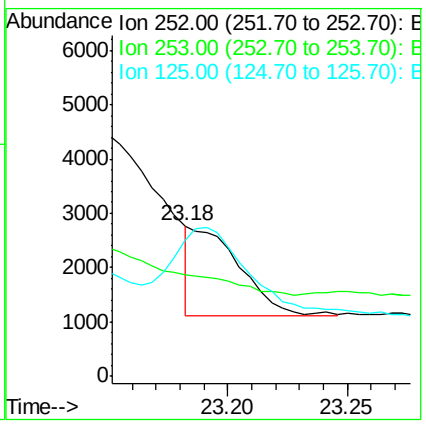




#22
Benzo(k)fluoranthene
Concen: 0.038 ng/ul m
RT: 23.18 min Scan# 3596
Delta R.T. -0.01 min
Lab File: BE093789.D
Acq: 14 Aug 2017 16:07

Tgt Ion:252 Resp: 2344

Ion	Ratio	Lower	Upper
252	100		
253	67.3	24.5	36.7#
125	90.5	13.7	20.5#



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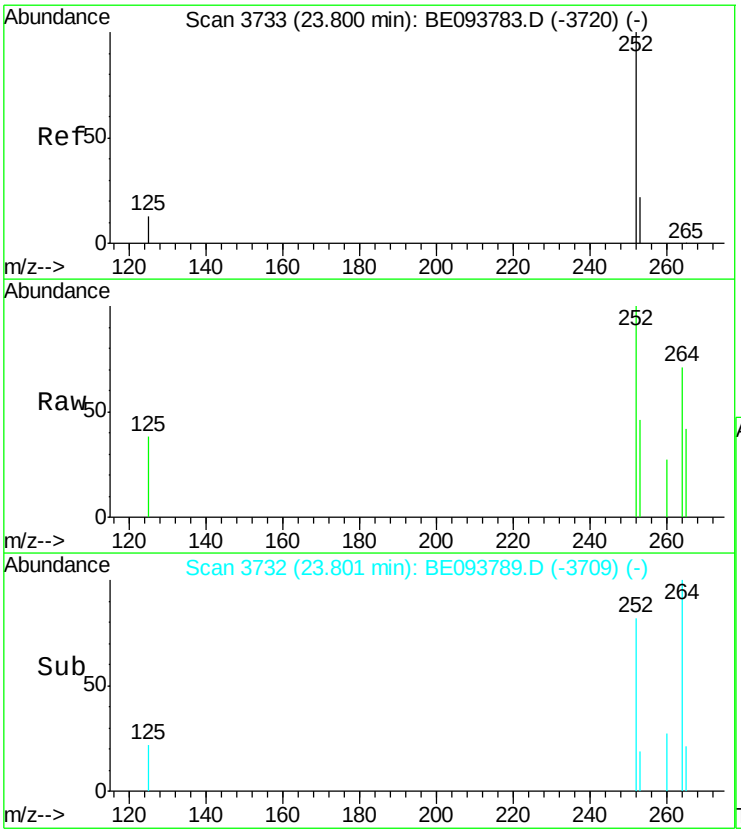
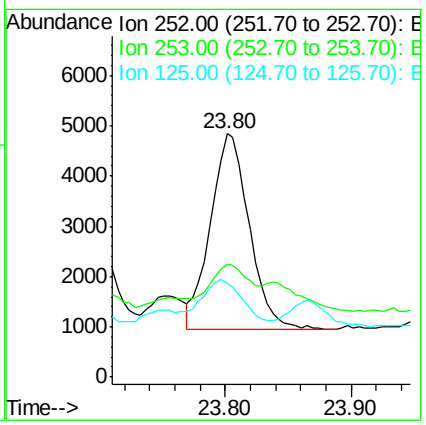
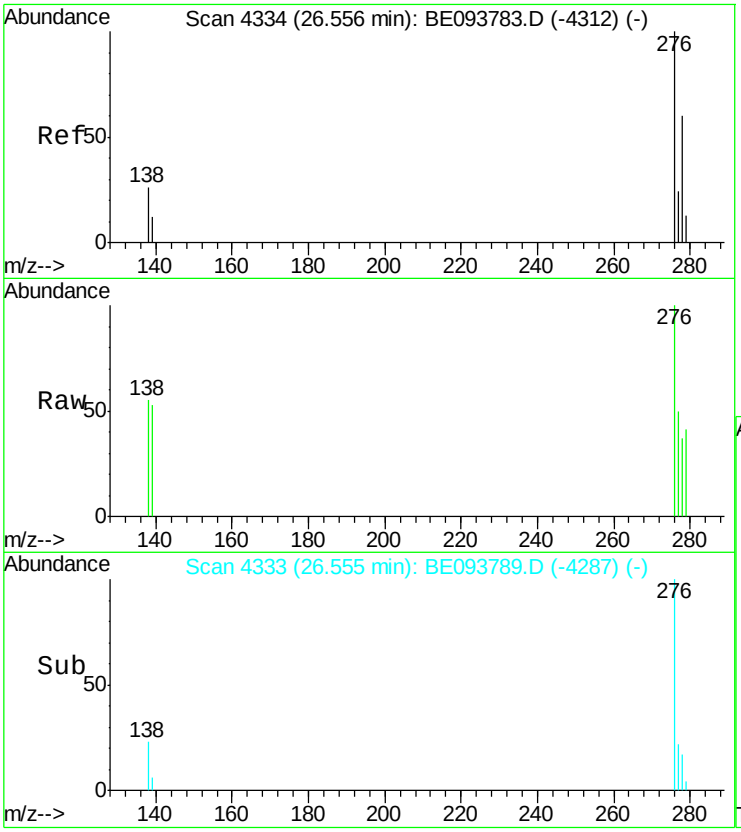


#23
Benzo(a)pyrene
Concen: 0.139 ng/ul
RT: 23.80 min Scan# 3732
Delta R.T. 0.01 min
Lab File: BE093789.D
Acq: 14 Aug 2017 16:07

Tgt Ion:252 Resp: 8280

Ion	Ratio	Lower	Upper
252	100		
253	46.3	28.5	42.7#
125	38.3	18.1	27.1#

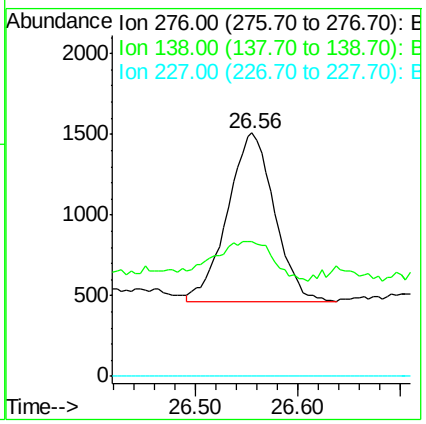




#24
Indeno(1,2,3-cd)pyrene
Concen: 0.051 ng/ul
RT: 26.56 min Scan# 4333
Delta R.T. 0.01 min
Lab File: BE093789.D
Acq: 14 Aug 2017 16:07

Tgt Ion:276 Resp: 3355

Ion	Ratio	Lower	Upper
276	100		
138	30.0	28.0	42.0
227	0.0	8.0	12.0#



Instrument :
BNA_E
ClientSampleId :
C0AA7

Manual Integrations APPROVED
Sohil
8/15/2017 6:43:19 PM