Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE081617\
Data File : BE093854.D
Acq On : 16 Aug 2017 23:47
Operator : SJ/JU
Sample : I4672-09
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AH9

Manual Integrations APPROVED
Sohil
8/17/2017 5:59:50 PM

Quant Time: Aug 17 04:45:37 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE072417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 17 02:52:40 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	2826	0.40	ng/ul	0.00
2) Naphthalene-d8	10.71	136	14432	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	9018	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	18490	0.40	ng/ul	0.00
16) Chrysene-d12	21.42	240	18948	0.40	ng/ul	0.00
20) Perylene-d12	23.92	264	16920m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	4644	0.20	ng/ul	0.00
14) Fluoranthene-d10	19.28	212	11416	0.20	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.75	128	48201	1.373	ng/ul#	91
5) 2-Methylnaphthalene	12.36	142	14213	0.555	ng/ul	99
7) Acenaphthylene	14.24	152	124462	3.299	ng/ul	97
8) Acenaphthene	14.59	153	6033	0.203	ng/ul	92
9) Fluorene	15.57	166	52612	1.402	ng/ul	90
12) Phenanthrene	17.29	178	1336886	26.549	ng/ul#	88
13) Anthracene	17.38	178	589105	12.011	ng/ul#	88
15) Fluoranthene	19.31	202	2327900	36.967	ng/ul	84
17) Pyrene	19.67	202	2153918	38.944	ng/ul#	82
18) Benzo(a)anthracene	21.40	228	1463649	26.643	ng/ul#	86
19) Chrysene	21.45	228	1253555	23.790	ng/ul	97
21) Benzo(b)fluoranthene	23.16	252	971560	18.563	ng/ul	86
22) Benzo(k)fluoranthene	23.20	252	476994m	9.242	ng/ul	
23) Benzo(a)pyrene	23.82	252	865759m	17.390	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.58	276	367168m	6.680	ng/ul	
25) Dibenzo(a,h)anthracene	26.58	278	136693m	2.976	ng/ul	
26) Benzo(g,h,i)perylene	27.40	276	273166m	5.898	ng/ul	

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

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Manual Integrations APPROVED
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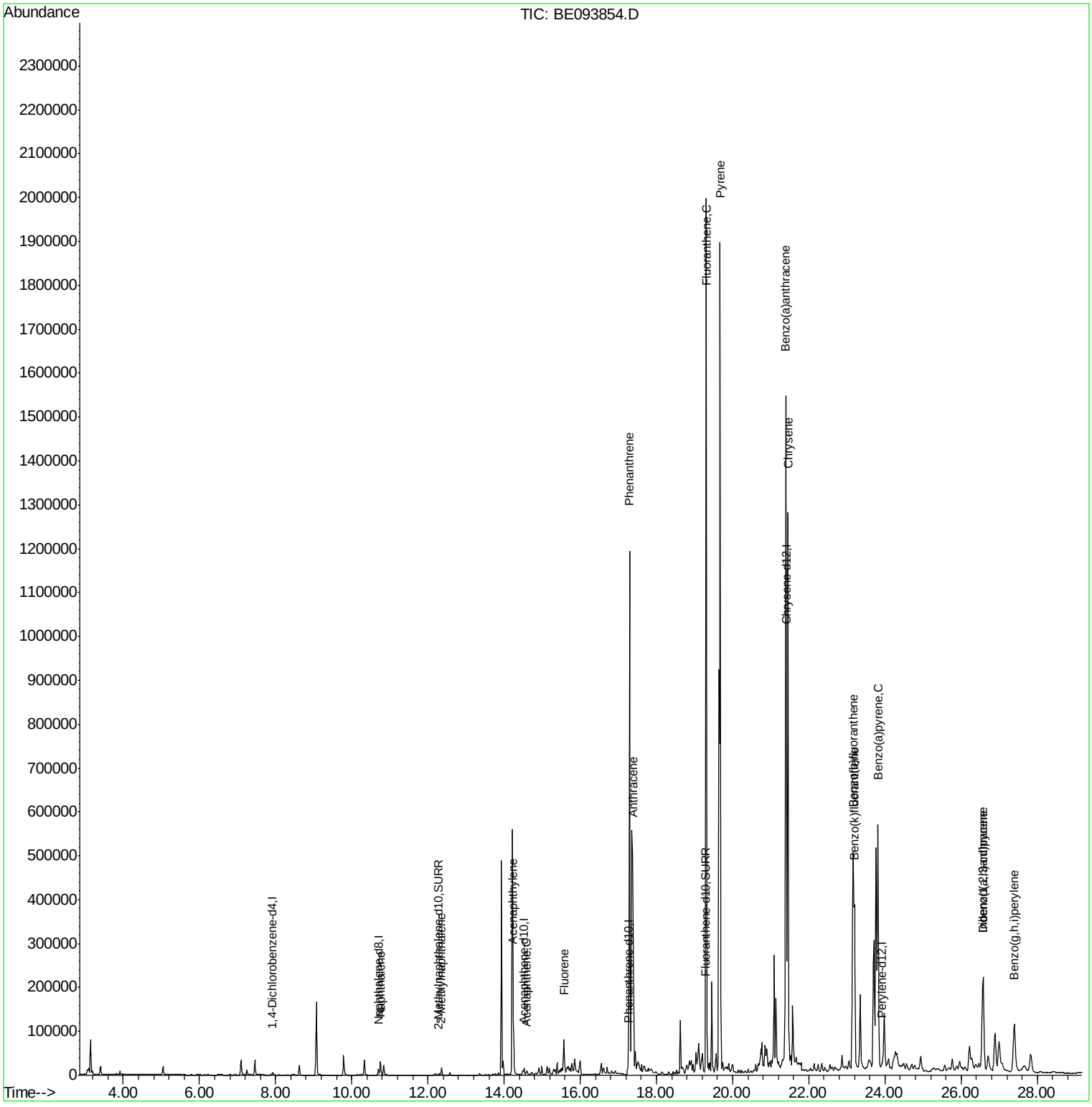

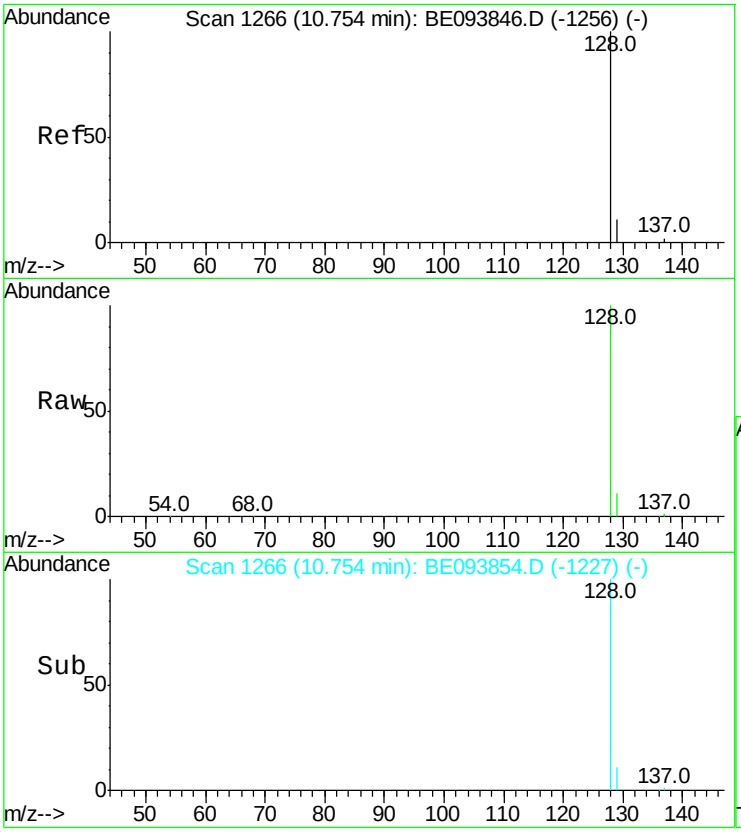

#3
Naphthalene
Concen: 1.373 ng/ul
RT: 10.75 min Scan# 1266
Delta R.T. -0.00 min
Lab File: BE093854.D
Acq: 16 Aug 2017 23:47

Tgt Ion:128 Resp: 48201

Ion	Ratio	Lower	Upper
128	100		
129	11.2	11.3	16.9#
127	0.0	4.0	6.0#

Instrument :
BNA_E
ClientSampleId :
C0AH9

Manual Integrations APPROVED
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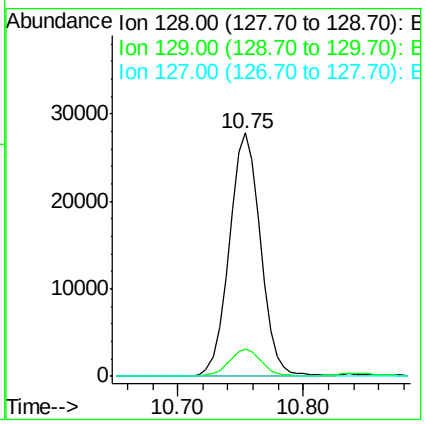
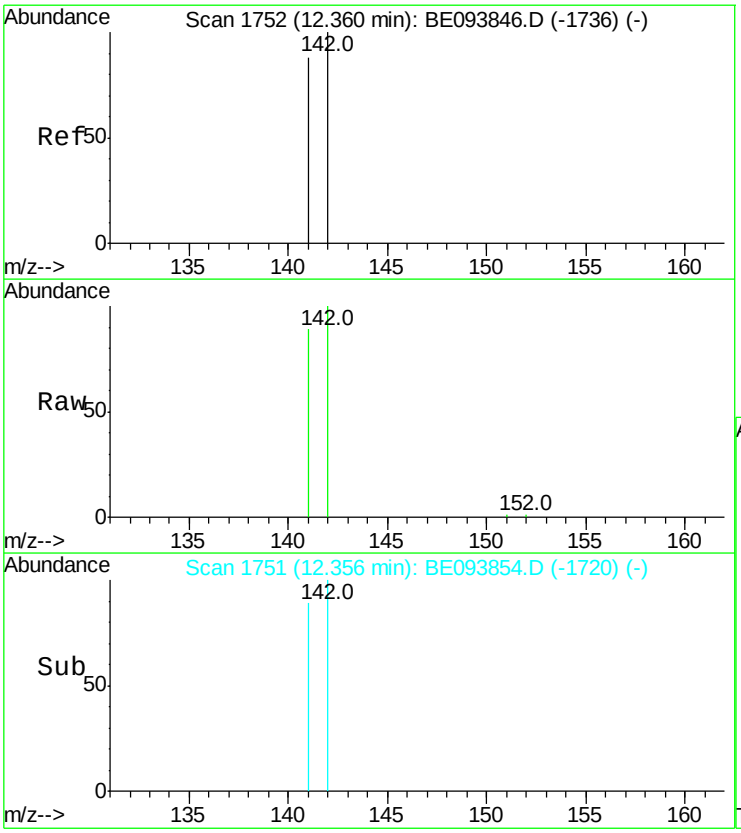
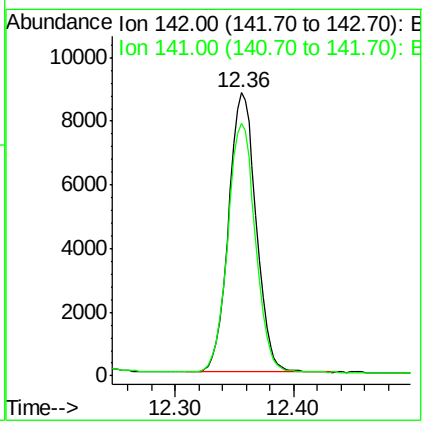


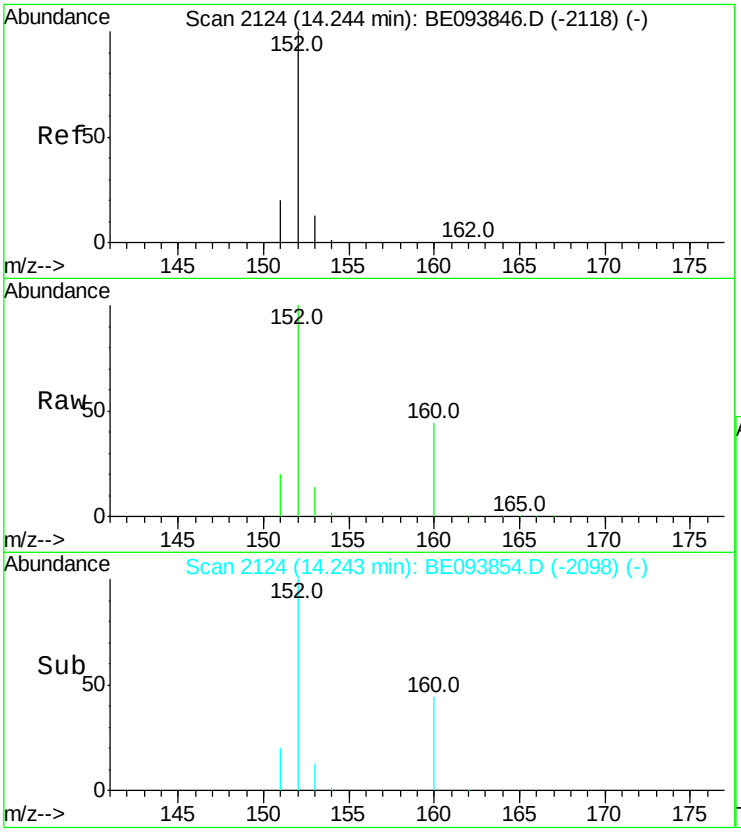


#5
2-Methylnaphthalene
Concen: 0.555 ng/ul
RT: 12.36 min Scan# 1751
Delta R.T. -0.00 min
Lab File: BE093854.D
Acq: 16 Aug 2017 23:47

Tgt Ion:142 Resp: 14213

Ion	Ratio	Lower	Upper
142	100		
141	89.7	72.6	108.8

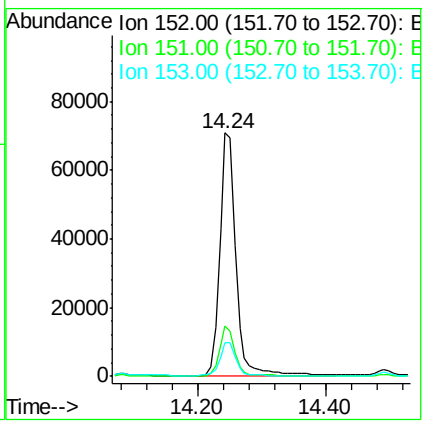




#7
Acenaphthylene
Concen: 3.299 ng/ul
RT: 14.24 min Scan# 2124
Delta R.T. -0.00 min
Lab File: BE093854.D
Acq: 16 Aug 2017 23:47

Tgt Ion:152 Resp: 124462

Ion	Ratio	Lower	Upper
152	100		
151	20.5	17.1	25.7
153	13.7	12.8	19.2



Instrument :
BNA_E
ClientSampleId :
C0AH9

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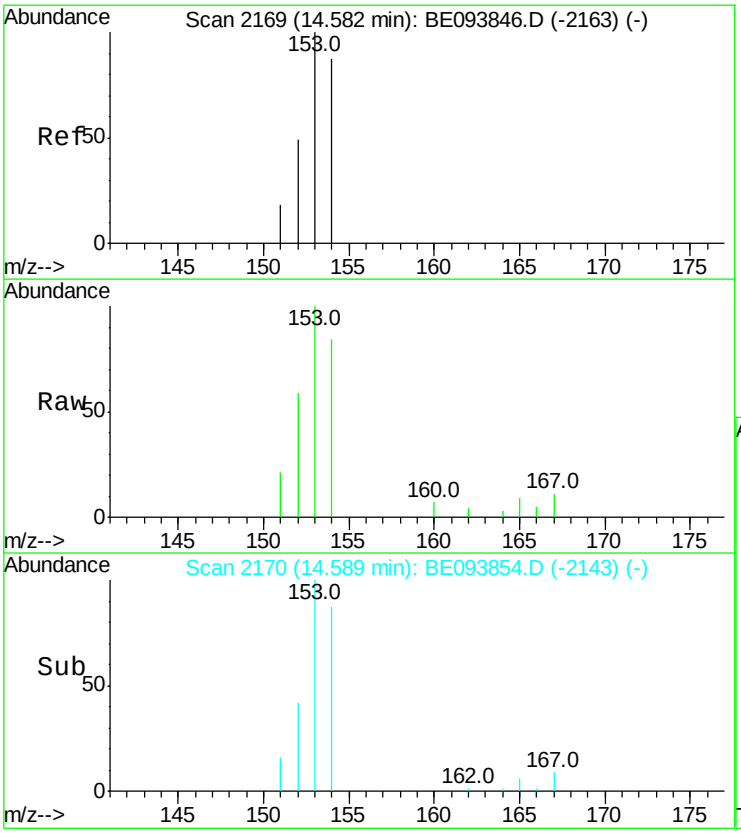
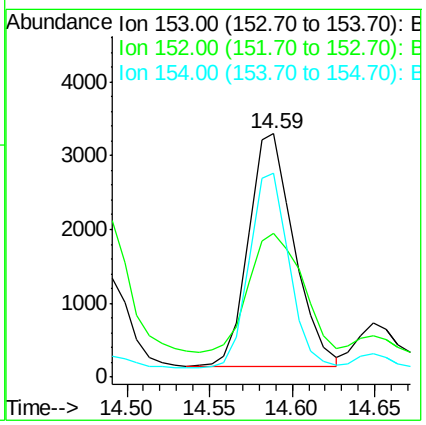
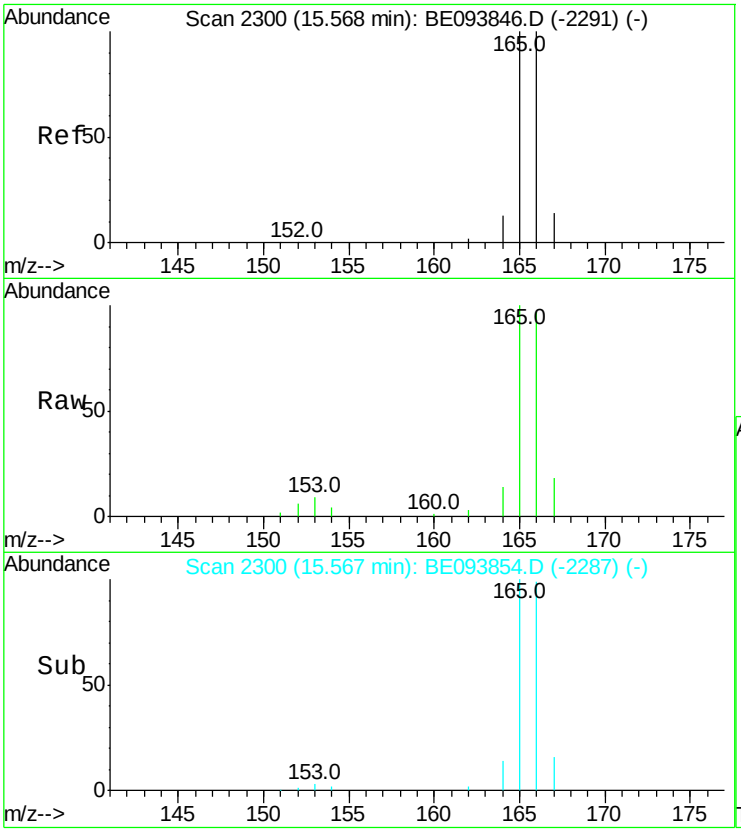


#8
Acenaphthene
Concen: 0.203 ng/ul
RT: 14.59 min Scan# 2170
Delta R.T. 0.01 min
Lab File: BE093854.D
Acq: 16 Aug 2017 23:47

Tgt Ion:153 Resp: 6033

Ion	Ratio	Lower	Upper
153	100		
152	58.9	40.3	60.5
154	84.0	71.4	107.2

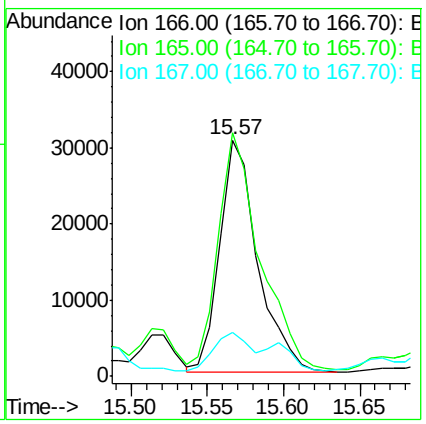




#9
Fluorene
Concen: 1.402 ng/ul
RT: 15.57 min Scan# 2300
Delta R.T. -0.00 min
Lab File: BE093854.D
Acq: 16 Aug 2017 23:47

Tgt Ion:166 Resp: 52612

Ion	Ratio	Lower	Upper
166	100		
165	103.2	73.4	110.2
167	18.6	14.6	22.0



Instrument :
BNA_E
ClientSampleId :
C0AH9

Manual Integrations APPROVED
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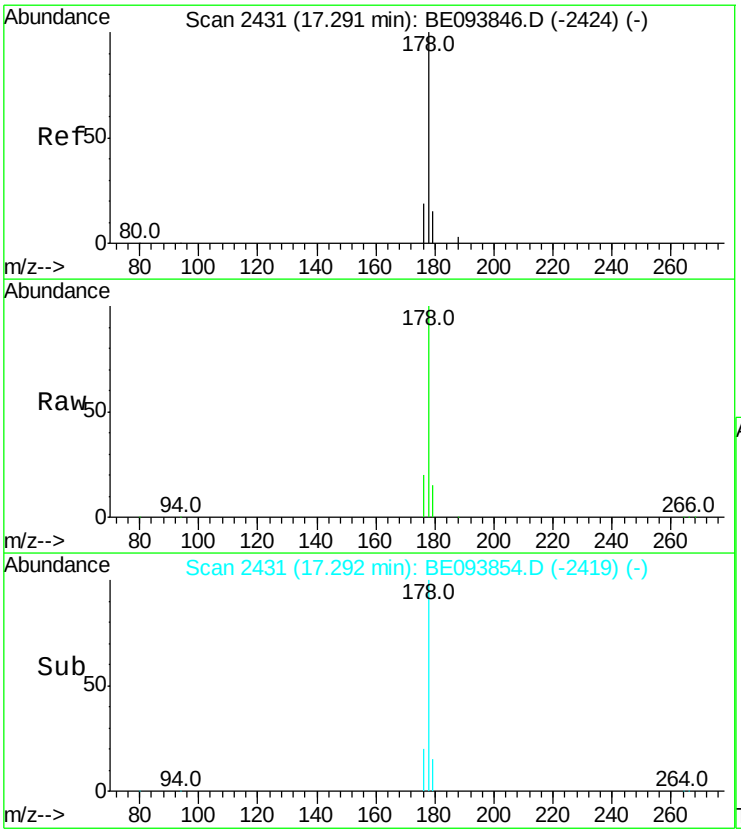
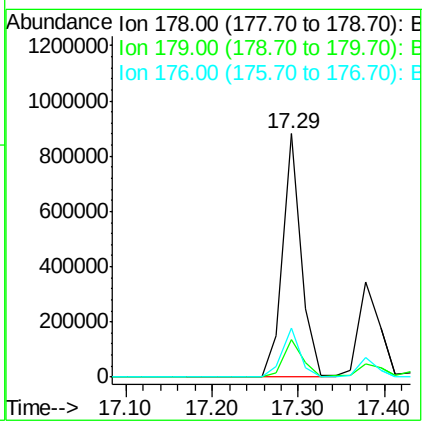
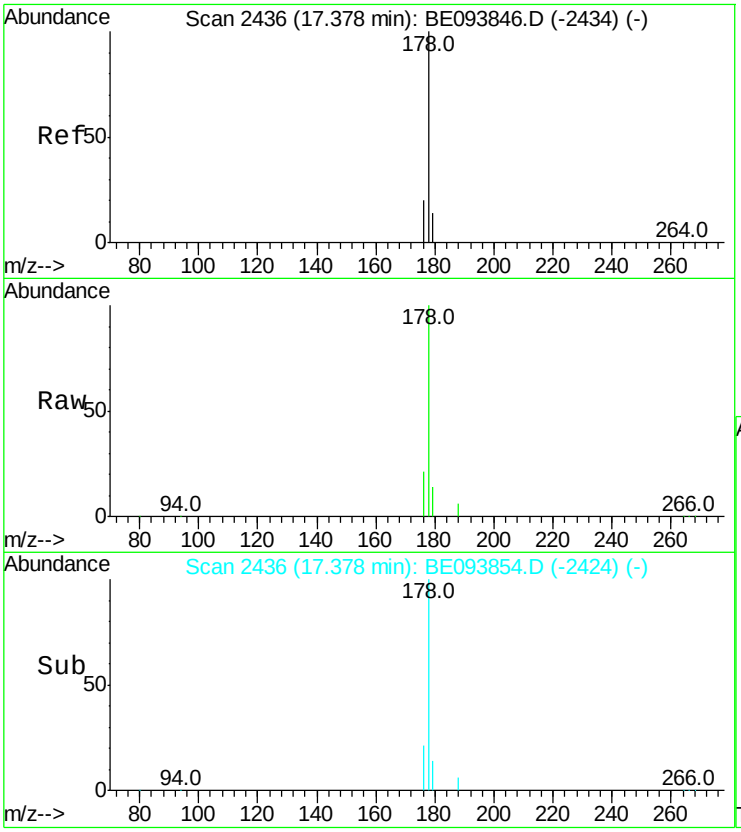


#12
Phenanthrene
Concen: 26.549 ng/ul
RT: 17.29 min Scan# 2431
Delta R.T. 0.00 min
Lab File: BE093854.D
Acq: 16 Aug 2017 23:47

Tgt Ion:178 Resp: 1336886

Ion	Ratio	Lower	Upper
178	100		
179	15.2	18.4	27.6#
176	20.3	13.6	20.4

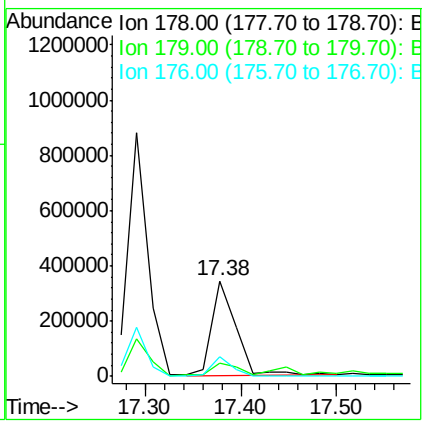




#13
Anthracene
Concen: 12.011 ng/ul
RT: 17.38 min Scan# 2436
Delta R.T. 0.00 min
Lab File: BE093854.D
Acq: 16 Aug 2017 23:47

Tgt Ion:178 Resp: 589105

Ion	Ratio	Lower	Upper
178	100		
179	13.8	18.1	27.1#
176	20.5	14.7	22.1



Instrument :
BNA_E
ClientSampleId :
C0AH9

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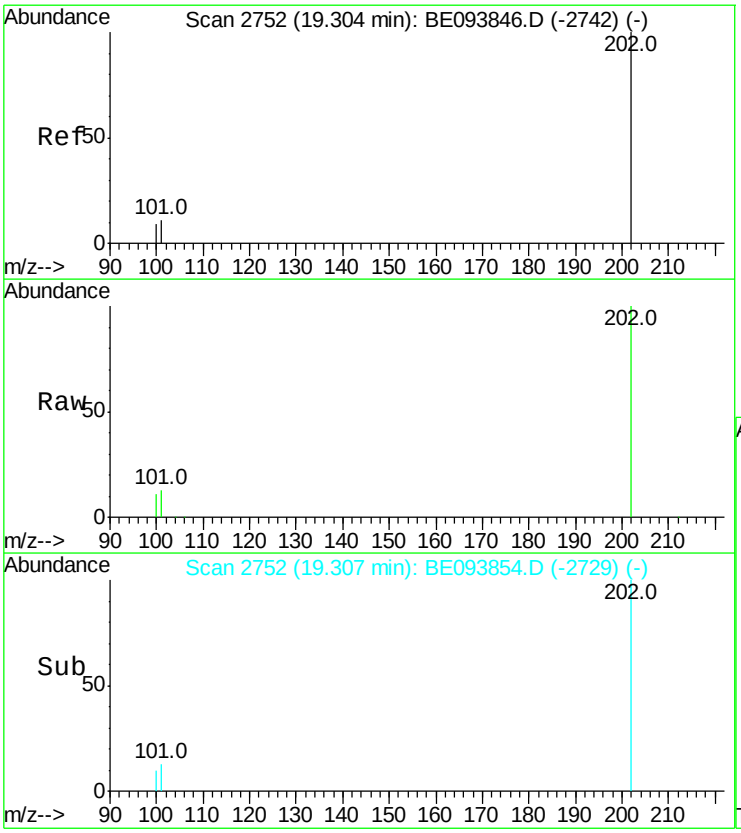
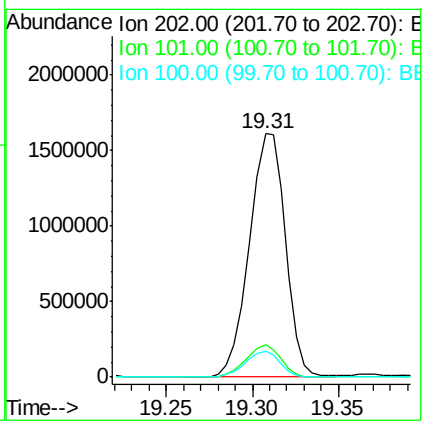
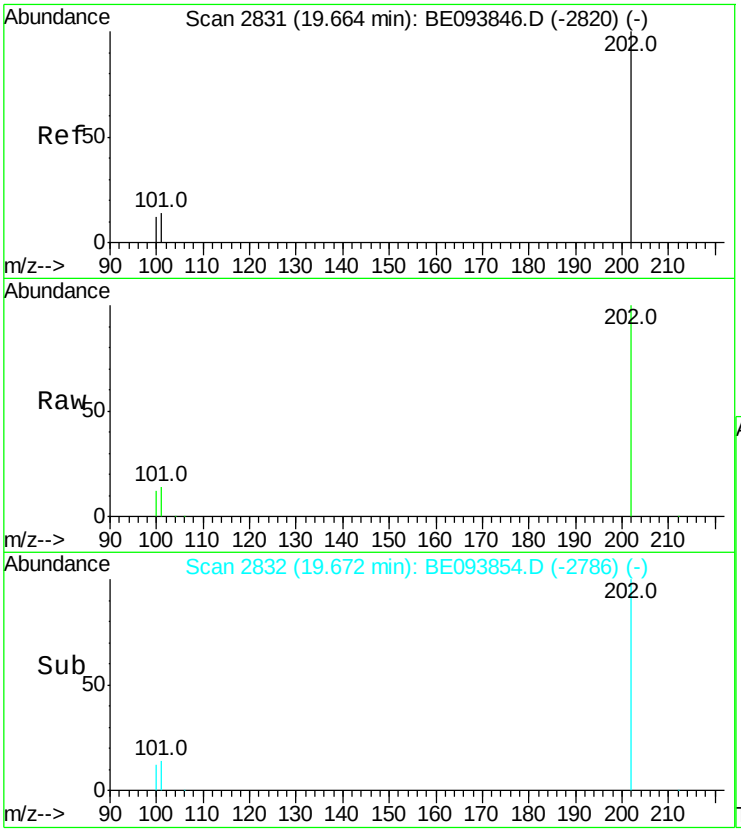


#15
Fluoranthene
Concen: 36.967 ng/ul
RT: 19.31 min Scan# 2752
Delta R.T. 0.00 min
Lab File: BE093854.D
Acq: 16 Aug 2017 23:47

Tgt Ion:202 Resp: 2327900

Ion	Ratio	Lower	Upper
202	100		
101	13.2	0.0	30.3
100	10.5	0.0	39.5





#17
Pyrene
Concen: 38.944 ng/ul
RT: 19.67 min Scan# 2832
Delta R.T. 0.01 min
Lab File: BE093854.D
Acq: 16 Aug 2017 23:47

Tgt Ion:202 Resp: 2153918

Ion	Ratio	Lower	Upper
202	100		
101	13.7	18.2	27.4#
100	11.6	15.6	23.4#

Instrument :
BNA_E
ClientSampleId :
C0AH9

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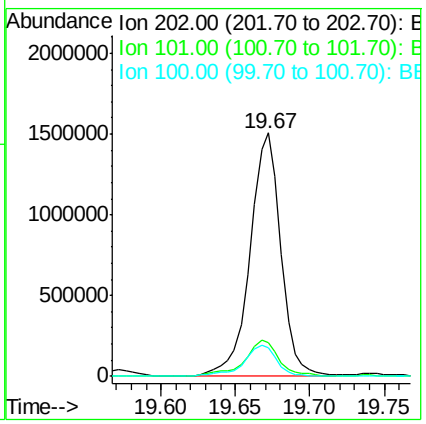
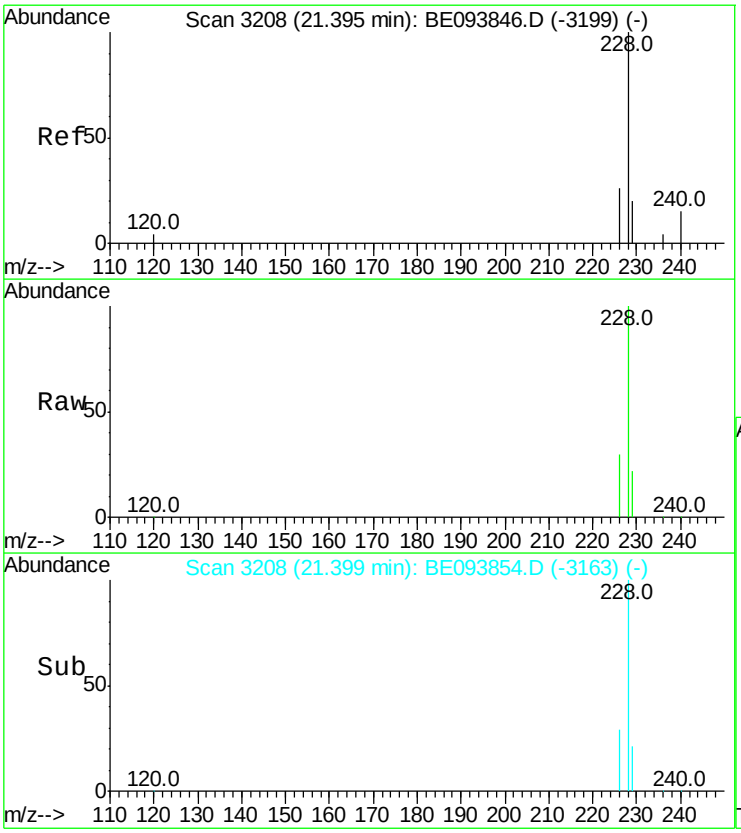
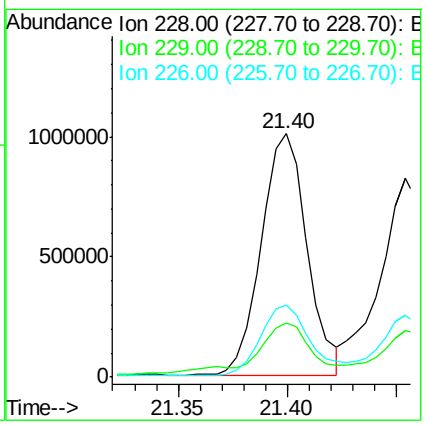


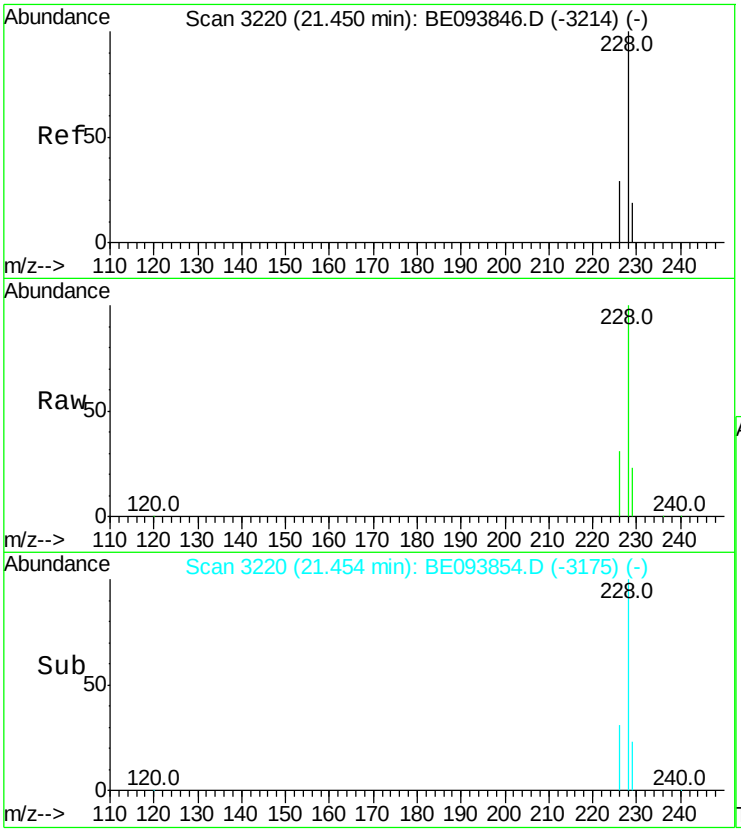


#18
Benzo(a)anthracene
Concen: 26.643 ng/ul
RT: 21.40 min Scan# 3208
Delta R.T. 0.00 min
Lab File: BE093854.D
Acq: 16 Aug 2017 23:47

Tgt Ion:228 Resp: 1463649

Ion	Ratio	Lower	Upper
228	100		
229	22.4	22.8	34.2#
226	29.5	17.0	25.6#

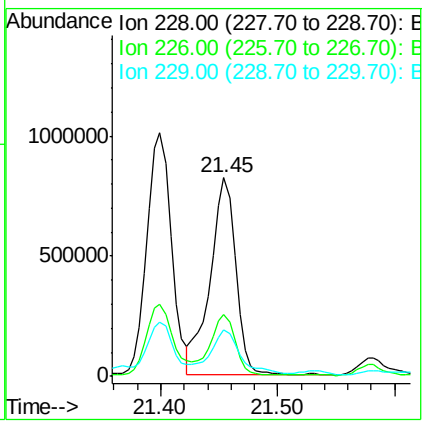




#19
Chrysene
Concen: 23.790 ng/ul
RT: 21.45 min Scan# 3220
Delta R.T. 0.00 min
Lab File: BE093854.D
Acq: 16 Aug 2017 23:47

Tgt Ion:228 Resp: 1253555

Ion	Ratio	Lower	Upper
228	100		
226	31.2	23.4	35.0
229	23.4	17.7	26.5



Instrument :
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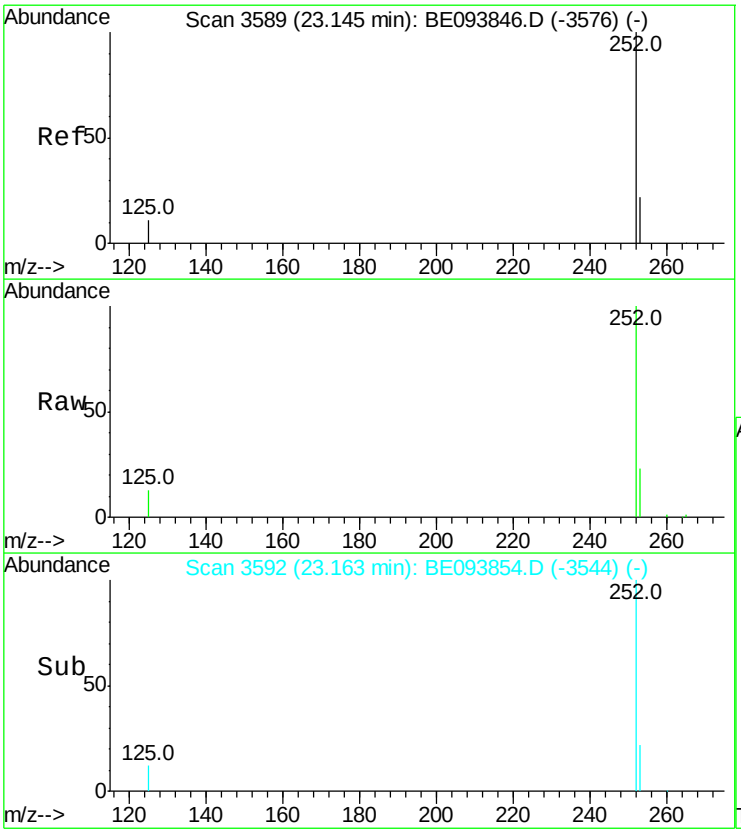
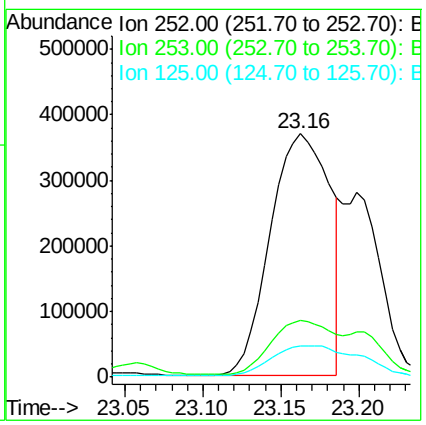
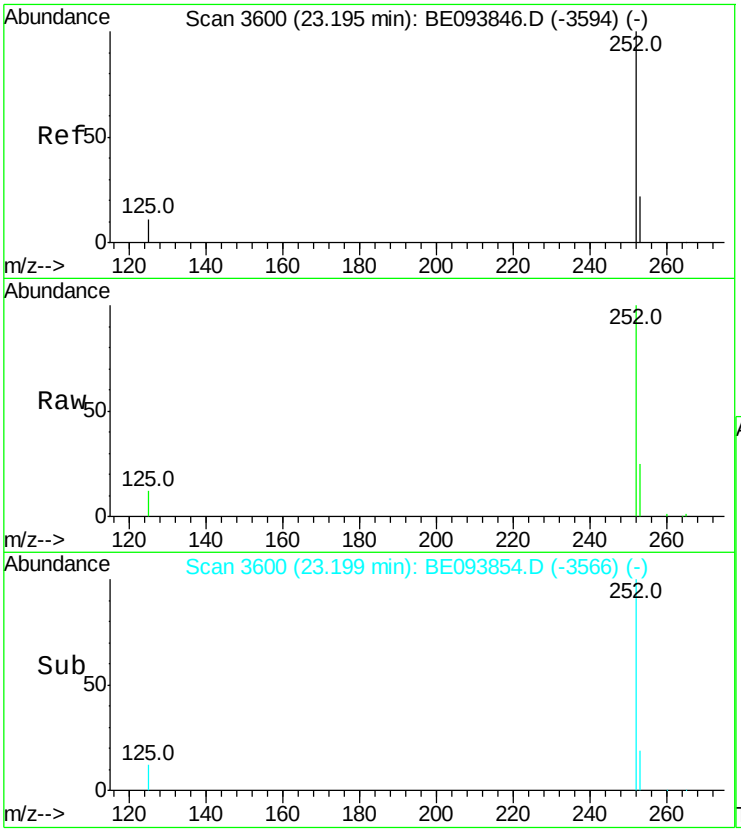


#21
Benzo(b)fluoranthene
Concen: 18.563 ng/ul
RT: 23.16 min Scan# 3592
Delta R.T. 0.02 min
Lab File: BE093854.D
Acq: 16 Aug 2017 23:47

Tgt Ion:252 Resp: 971560

Ion	Ratio	Lower	Upper
252	100		
253	23.2	0.0	64.2
125	12.9	0.0	35.0





#22
Benzo(k)fluoranthene
Concen: 9.242 ng/ul m
RT: 23.20 min Scan# 3600
Delta R.T. 0.00 min
Lab File: BE093854.D
Acq: 16 Aug 2017 23:47

Tgt Ion:252 Resp: 476994

Ion	Ratio	Lower	Upper
252	100		
253	24.5	24.5	36.7
125	12.1	13.7	20.5#

Instrument :
BNA_E
ClientSampleId :
C0AH9

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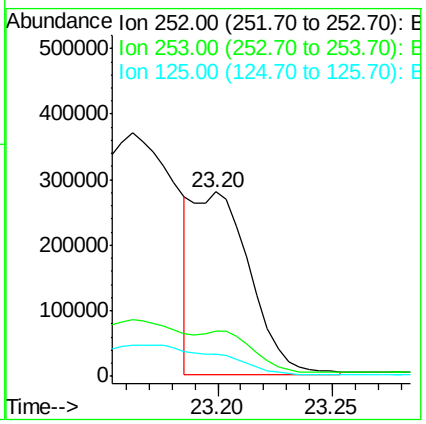
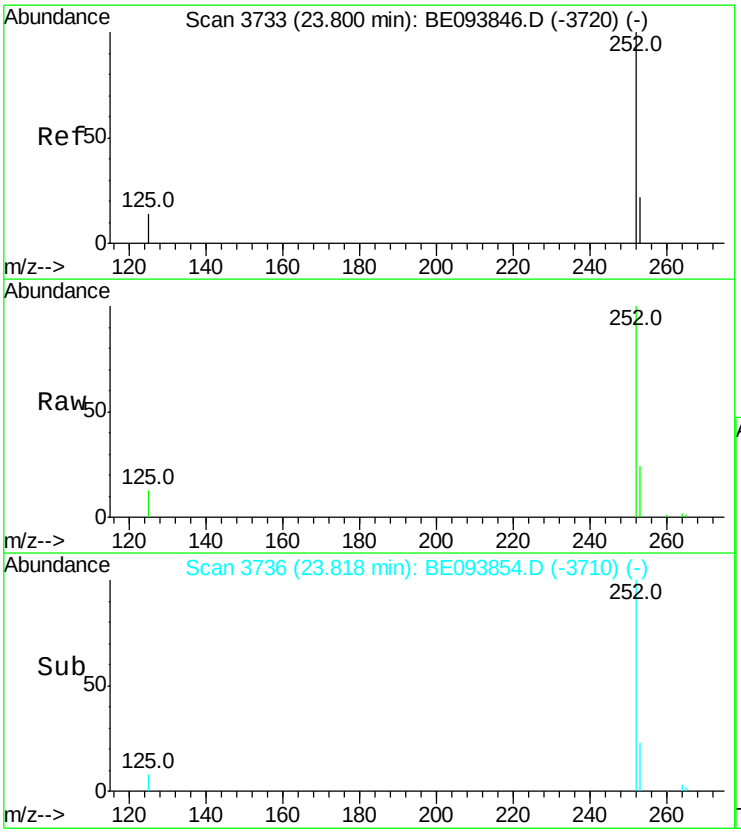
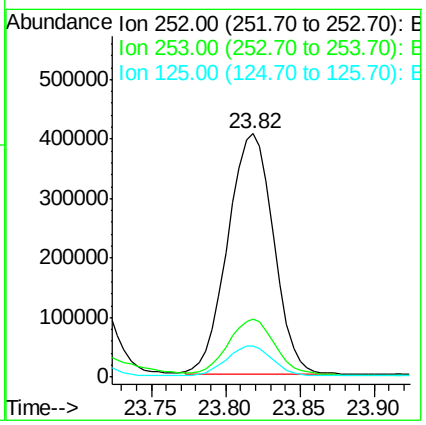


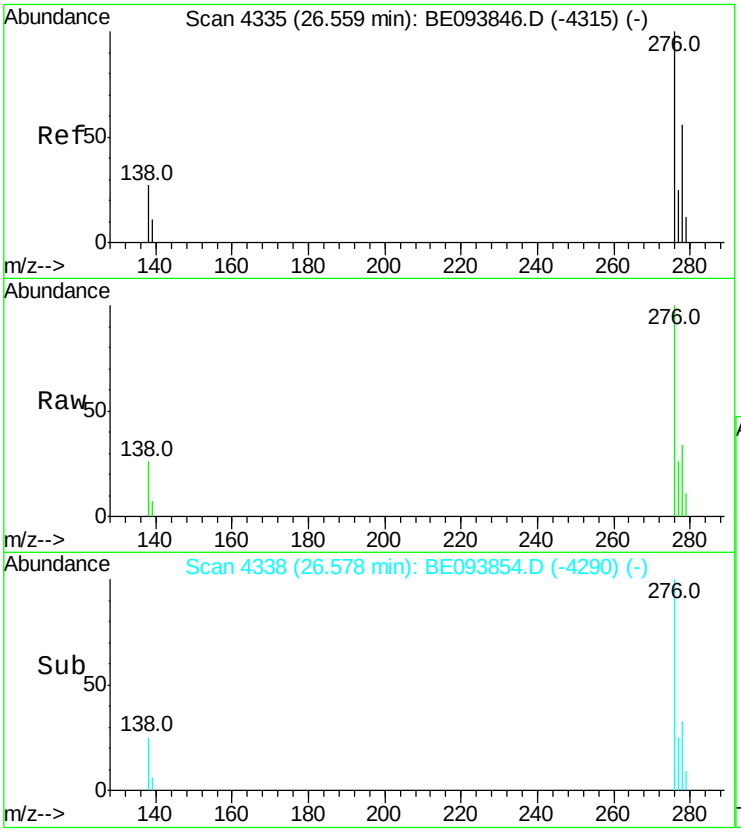


#23
Benzo(a)pyrene
Concen: 17.390 ng/ul m
RT: 23.82 min Scan# 3736
Delta R.T. 0.02 min
Lab File: BE093854.D
Acq: 16 Aug 2017 23:47

Tgt Ion:252 Resp: 865759

Ion	Ratio	Lower	Upper
252	100		
253	23.6	28.5	42.7#
125	12.8	18.1	27.1#





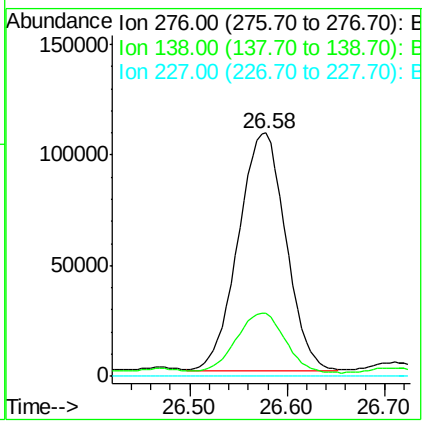
#24
Indeno(1,2,3-cd)pyrene
Concen: 6.680 ng/ul m
RT: 26.58 min Scan# 4338
Delta R.T. 0.02 min
Lab File: BE093854.D
Acq: 16 Aug 2017 23:47

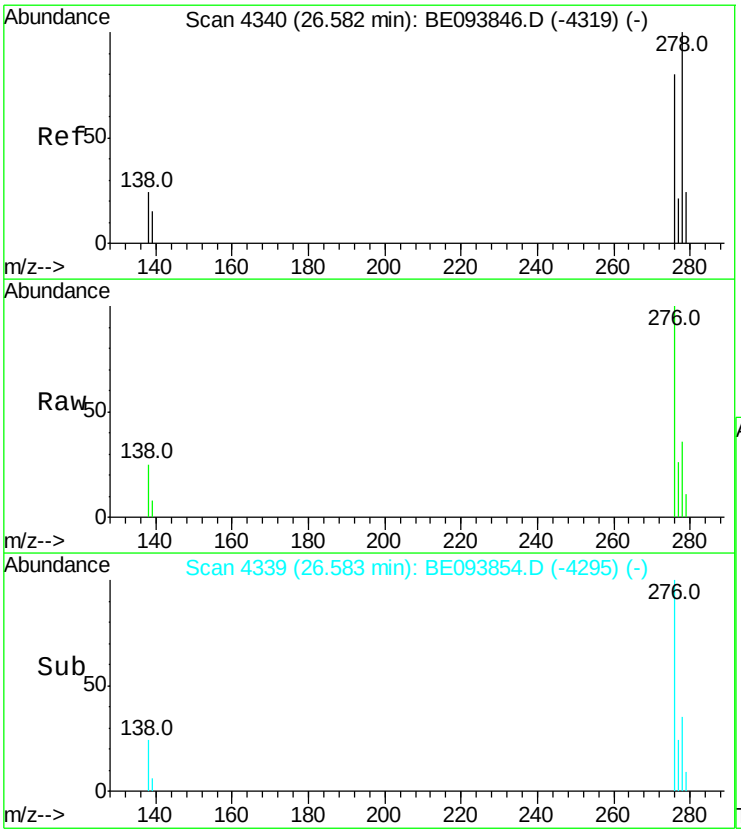
Tgt Ion:276 Resp: 367168

Ion	Ratio	Lower	Upper
276	100		
138	1.1	28.0	42.0#
227	0.0	8.0	12.0#

Instrument :
BNA_E
ClientSampleId :
C0AH9

Manual Integrations APPROVED
Sohil
8/17/2017 5:59:50 PM

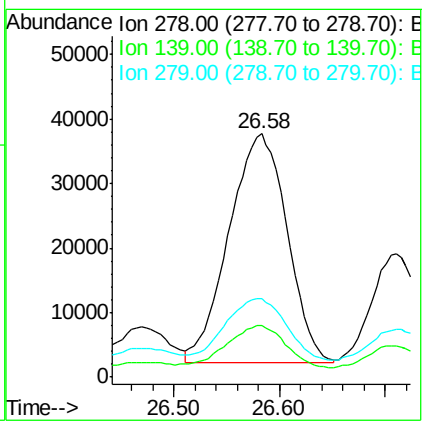


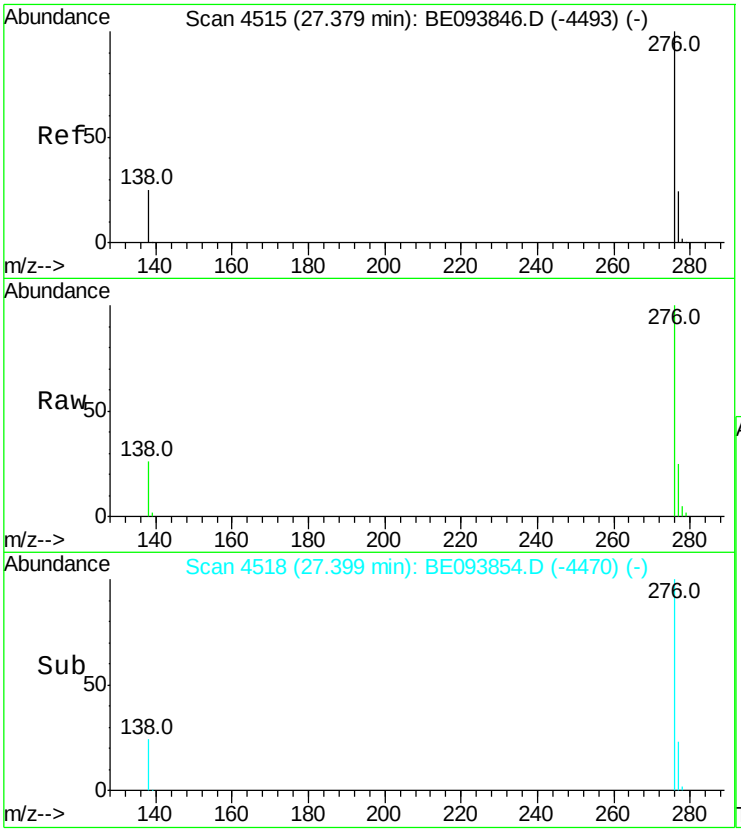


#25
Dibenzo(a,h)anthracene
Concen: 2.976 ng/ul m
RT: 26.58 min Scan# 4339
Delta R.T. 0.00 min
Lab File: BE093854.D
Acq: 16 Aug 2017 23:47

Tgt Ion:278 Resp: 136693

Ion	Ratio	Lower	Upper
278	100		
139	21.1	17.4	26.0
279	32.1	25.9	38.9

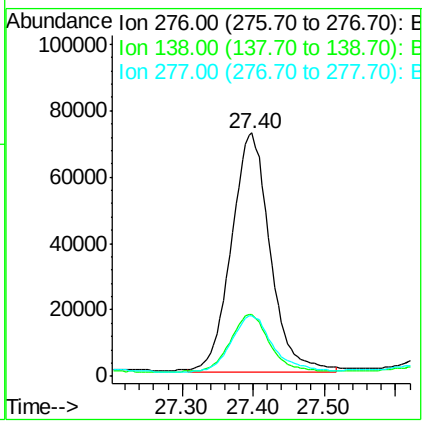




#26
Benzo(g,h,i)perylene
Concen: 5.898 ng/ul m
RT: 27.40 min Scan# 4518
Delta R.T. 0.02 min
Lab File: BE093854.D
Acq: 16 Aug 2017 23:47

Tgt Ion:276 Resp: 273166

Ion	Ratio	Lower	Upper
276	100		
138	25.5	21.8	32.8
277	25.0	20.5	30.7



Instrument :
BNA_E
ClientSampleId :
C0AH9

Manual Integrations APPROVED
Sohil
8/17/2017 5:59:50 PM