Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE081617\
Data File : BE093845.D
Acq On : 16 Aug 2017 18:10
Operator : SJ/JU
Sample : I4672-05DL 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : C0AH1DL

Manual Integrations APPROVED
Sohil
8/17/2017 5:59:36 PM

Quant Time: Aug 17 02:49:37 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 00:58:19 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	2610	0.40	ng/ul	0.00
2) Naphthalene-d8	10.70	136	14222	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	8222	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	18169	0.40	ng/ul	0.00
16) Chrysene-d12	21.41	240	19858	0.40	ng/ul	0.00
20) Perylene-d12	23.91	264	19852	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	869	0.04	ng/ul	0.00
14) Fluoranthene-d10	19.27	212	2151	0.04	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.75	128	6380	0.184	ng/ul#	94
5) 2-Methylnaphthalene	12.36	142	4716	0.187	ng/ul	99
7) Acenaphthylene	14.24	152	2341	0.068	ng/ul#	93
8) Acenaphthene	14.58	153	1014	0.037	ng/ul	94
9) Fluorene	15.57	166	1780	0.052	ng/ul	92
12) Phenanthrene	17.29	178	39317	0.795	ng/ul#	90
13) Anthracene	17.38	178	5366	0.111	ng/ul#	91
15) Fluoranthene	19.30	202	65633	1.061	ng/ul	84
17) Pyrene	19.66	202	60767	1.048	ng/ul#	80
18) Benzo(a)anthracene	21.39	228	30081	0.522	ng/ul#	85
19) Chrysene	21.44	228	31649	0.573	ng/ul	98
21) Benzo(b)fluoranthene	23.14	252	37883m	0.617	ng/ul	
22) Benzo(k)fluoranthene	23.19	252	15044m	0.248	ng/ul	
23) Benzo(a)pyrene	23.80	252	26002	0.445	ng/ul#	84
24) Indeno(1,2,3-cd)pyrene	26.56	276	16231	0.252	ng/ul#	80
25) Dibenzo(a,h)anthracene	26.56	278	4034	0.075	ng/ul#	90
26) Benzo(g,h,i)perylene	27.37	276	13495	0.248	ng/ul	99

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE081617\
Data File : BE093845.D
Acq On : 16 Aug 2017 18:10
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Misc :
ALS Vial : 14 Sample Multiplier: 1

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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 00:58:19 2017
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
C0AH1DL

Manual Integrations APPROVED
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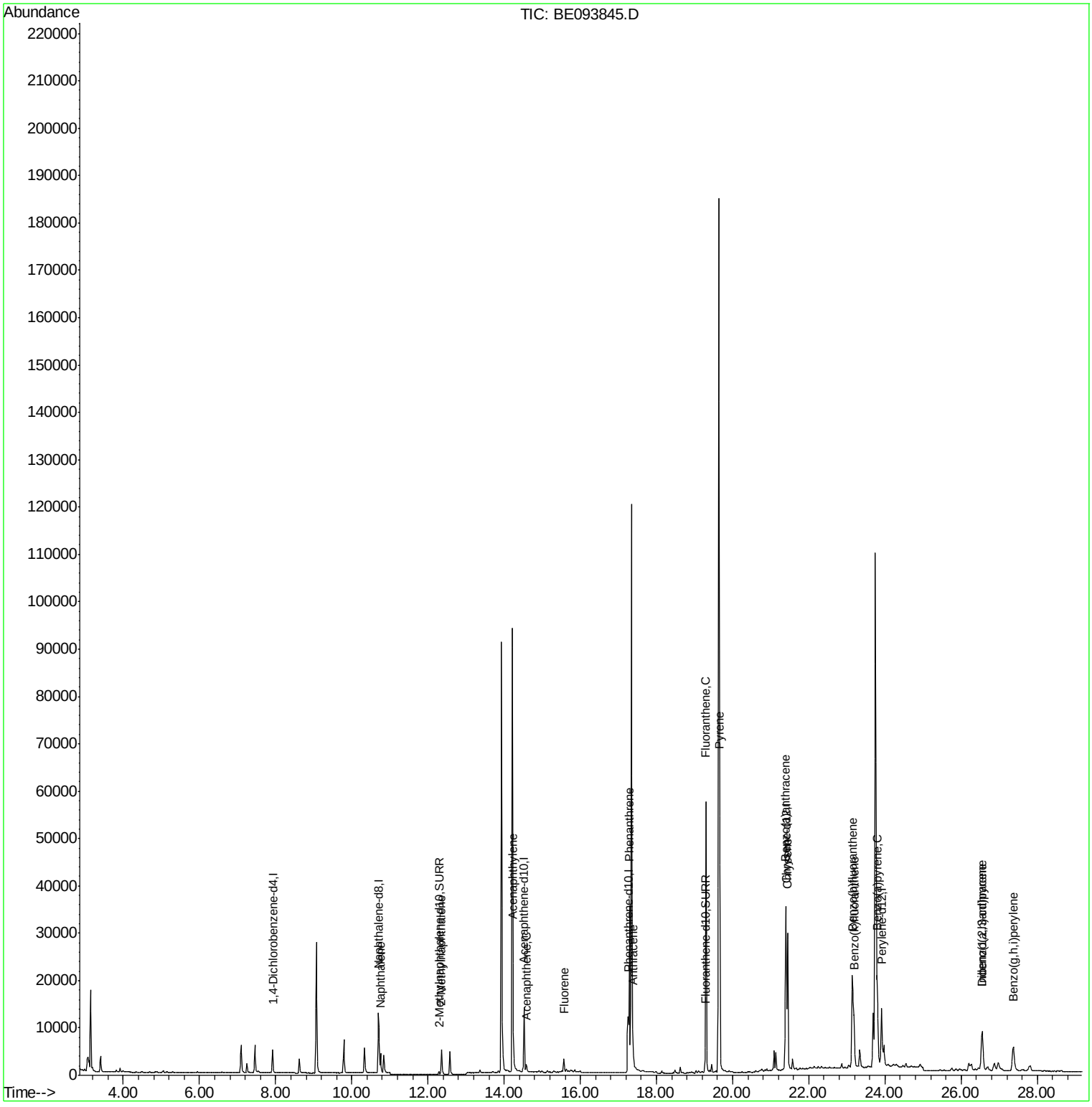

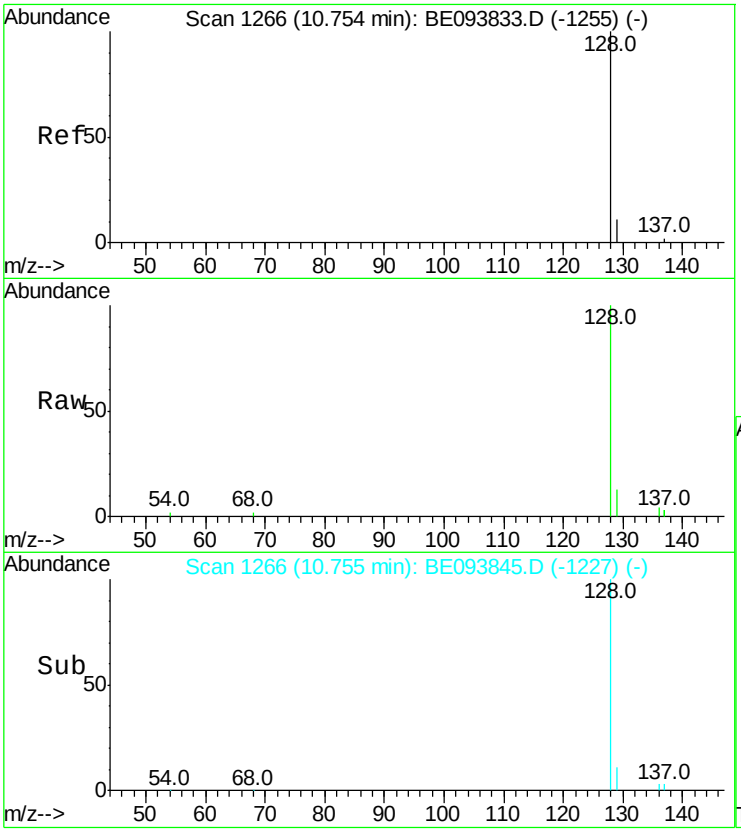

#3
Naphthalene
Concen: 0.184 ng/ul
RT: 10.75 min Scan# 1266
Delta R.T. 0.00 min
Lab File: BE093845.D
Acq: 16 Aug 2017 18:10

Tgt Ion:128 Resp: 6380

Ion	Ratio	Lower	Upper
128	100		
129	13.0	11.3	16.9
127	0.0	4.0	6.0#

Instrument :
BNA_E
ClientSampleId :
C0AH1DL

Manual Integrations APPROVED
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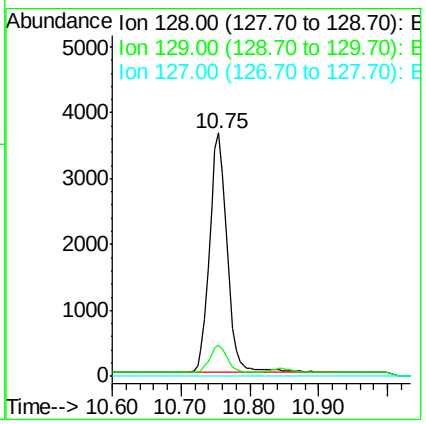
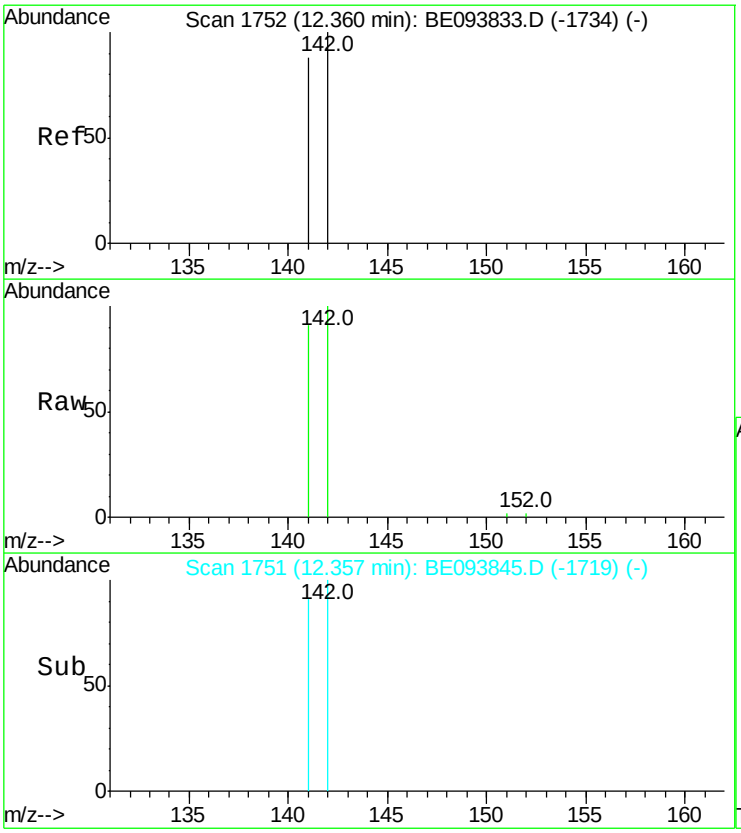
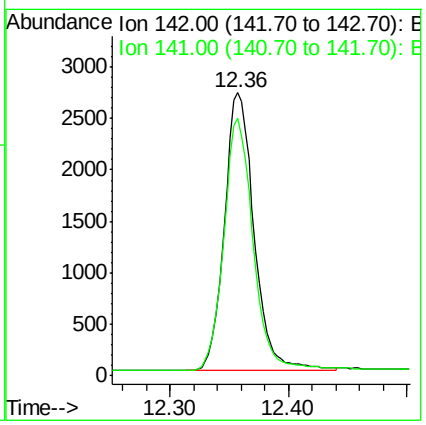


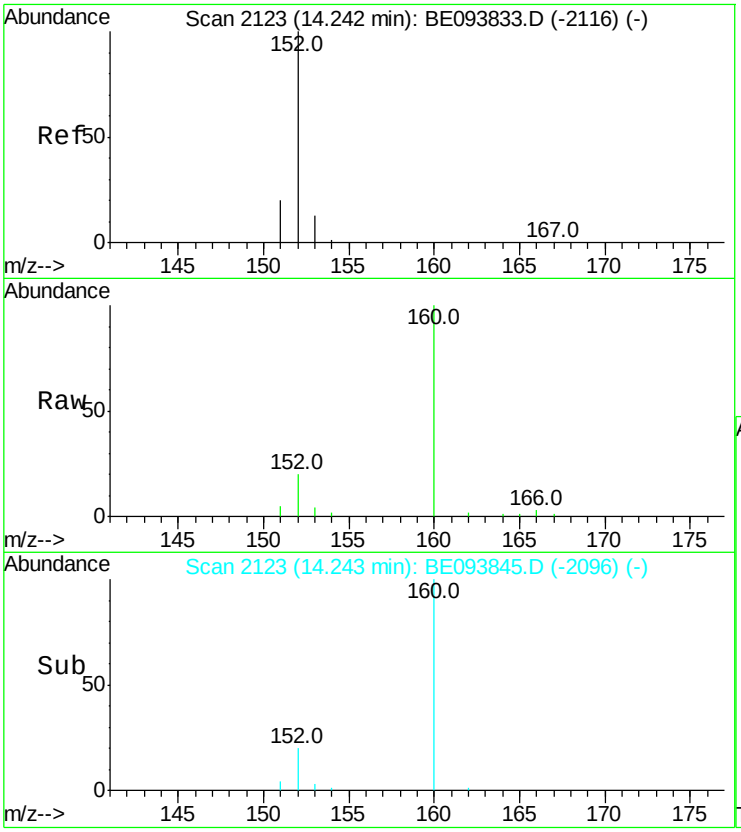


#5
2-Methylnaphthalene
Concen: 0.187 ng/ul
RT: 12.36 min Scan# 1751
Delta R.T. -0.00 min
Lab File: BE093845.D
Acq: 16 Aug 2017 18:10

Tgt Ion:142 Resp: 4716

Ion	Ratio	Lower	Upper
142	100		
141	89.6	72.6	108.8

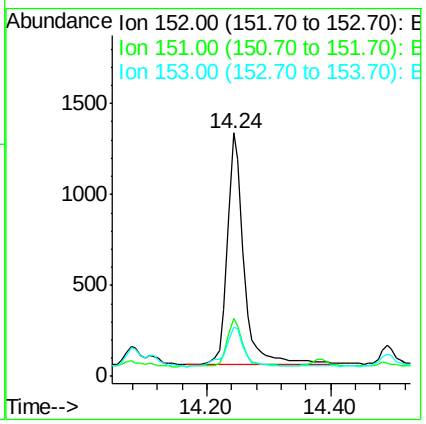




#7
Acenaphthylene
Concen: 0.068 ng/ul
RT: 14.24 min Scan# 2123
Delta R.T. 0.00 min
Lab File: BE093845.D
Acq: 16 Aug 2017 18:10

Tgt Ion:152 Resp: 2341

Ion	Ratio	Lower	Upper
152	100		
151	24.0	17.1	25.7
153	19.9	12.8	19.2#



Instrument :
BNA_E
ClientSampleId :
C0AH1DL

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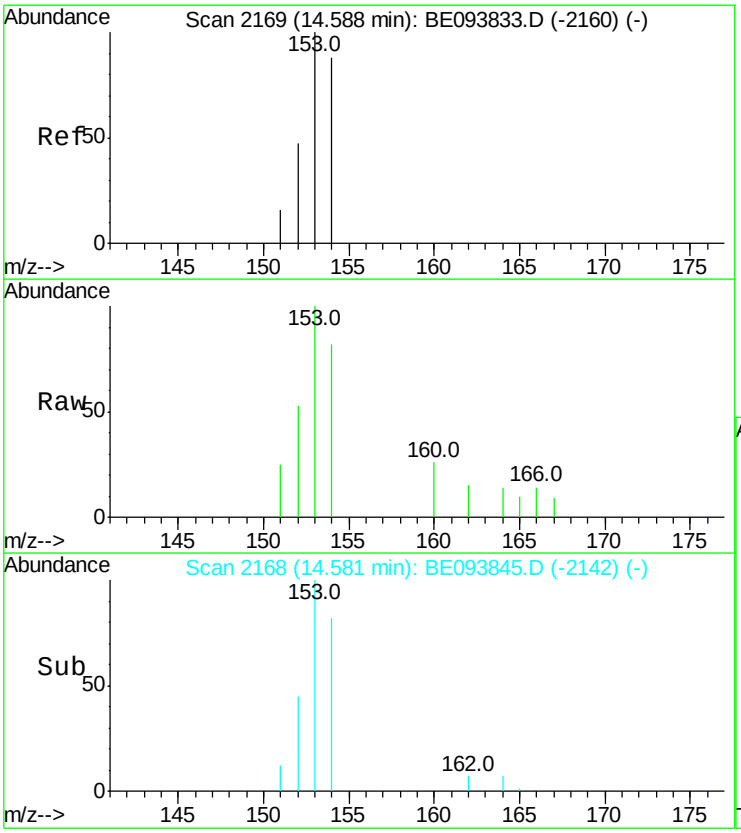
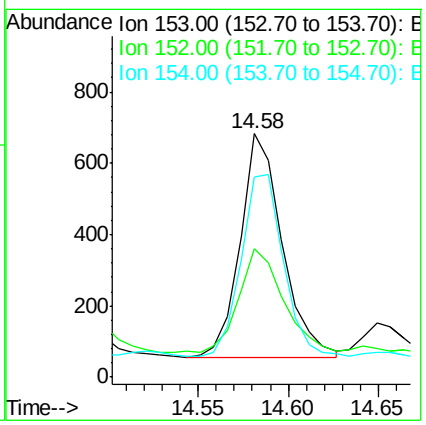
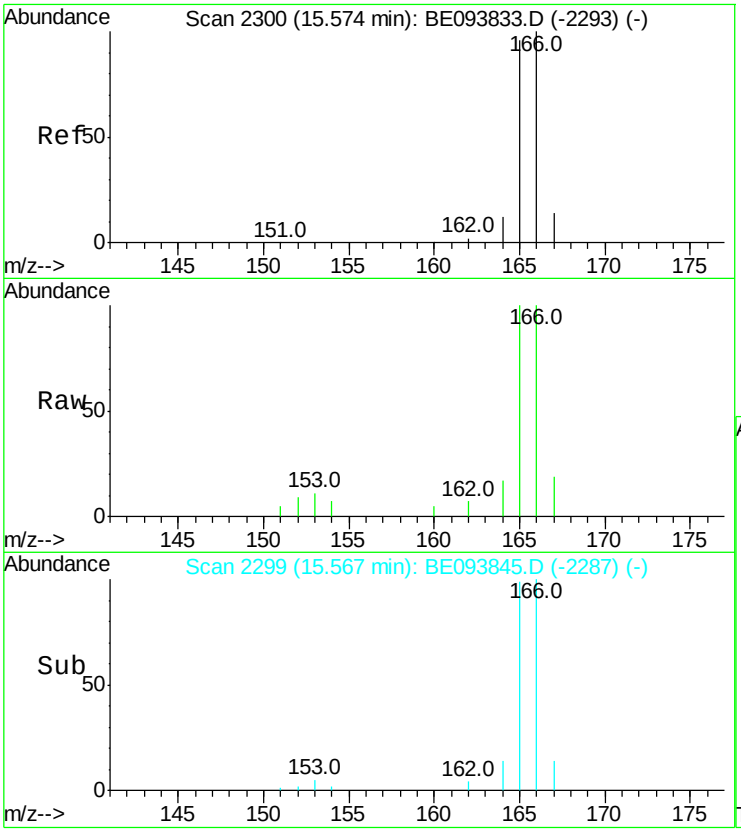


#8
Acenaphthene
Concen: 0.037 ng/ul
RT: 14.58 min Scan# 2168
Delta R.T. -0.01 min
Lab File: BE093845.D
Acq: 16 Aug 2017 18:10

Tgt Ion:153 Resp: 1014

Ion	Ratio	Lower	Upper
153	100		
152	52.7	40.3	60.5
154	82.3	71.4	107.2

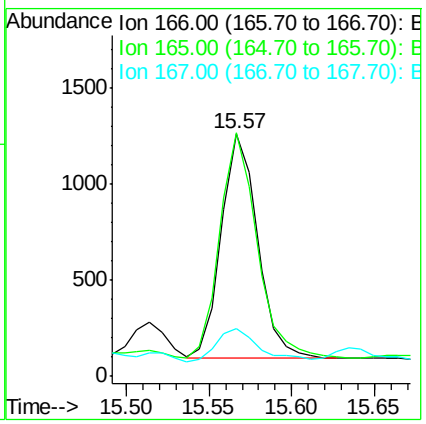




#9
Fluorene
Concen: 0.052 ng/ul
RT: 15.57 min Scan# 2299
Delta R.T. -0.01 min
Lab File: BE093845.D
Acq: 16 Aug 2017 18:10

Tgt Ion:166 Resp: 1780

Ion	Ratio	Lower	Upper
166	100		
165	100.3	73.4	110.2
167	19.5	14.6	22.0



Instrument :
BNA_E
ClientSampleId :
C0AH1DL

Manual Integrations APPROVED
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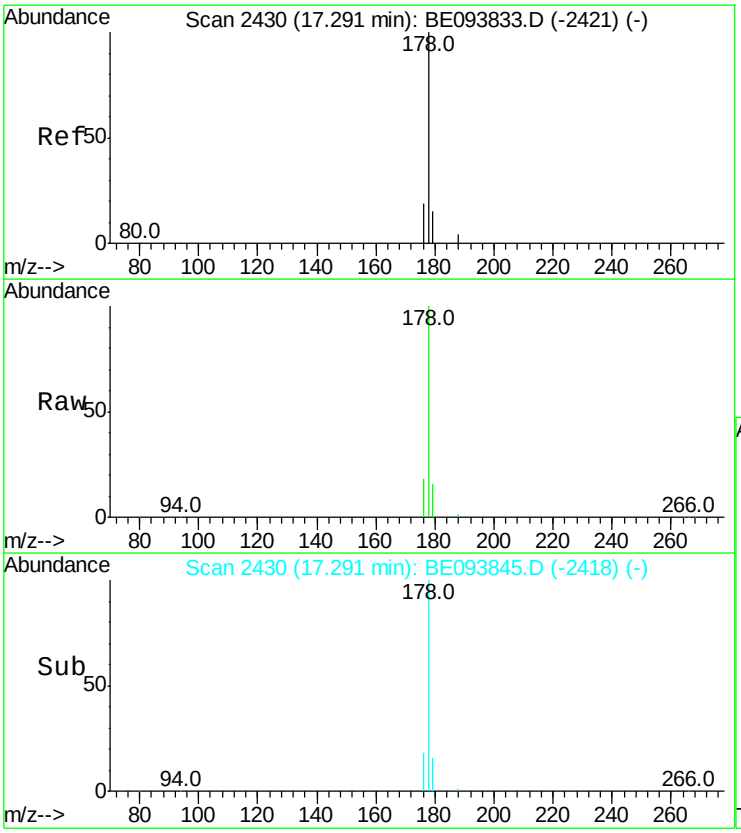
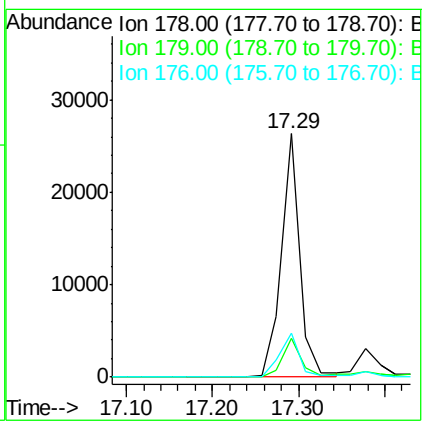
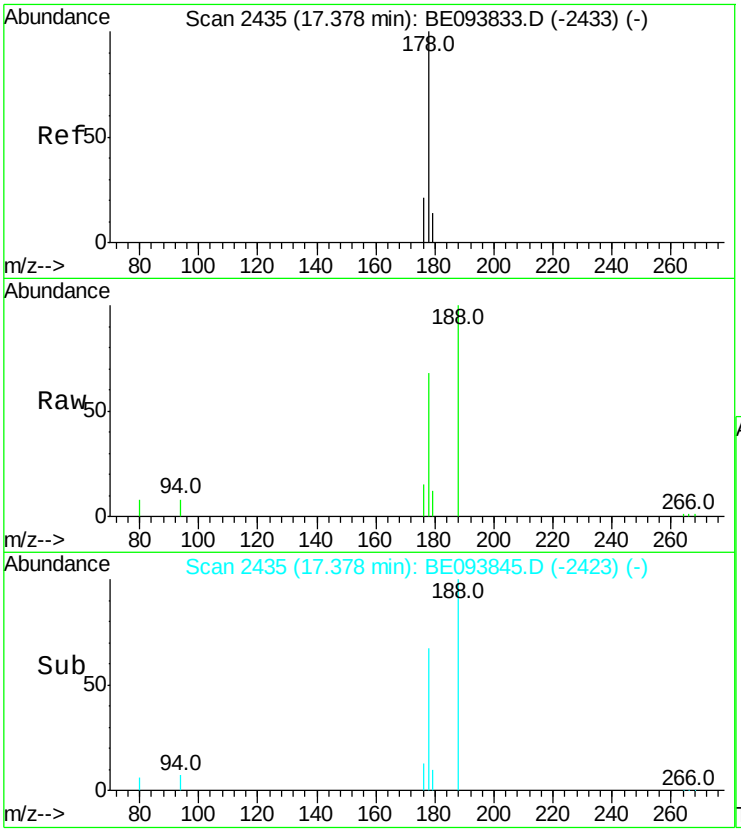


#12
Phenanthrene
Concen: 0.795 ng/ul
RT: 17.29 min Scan# 2430
Delta R.T. 0.00 min
Lab File: BE093845.D
Acq: 16 Aug 2017 18:10

Tgt Ion:178 Resp: 39317

Ion	Ratio	Lower	Upper
178	100		
179	15.8	18.4	27.6#
176	18.3	13.6	20.4

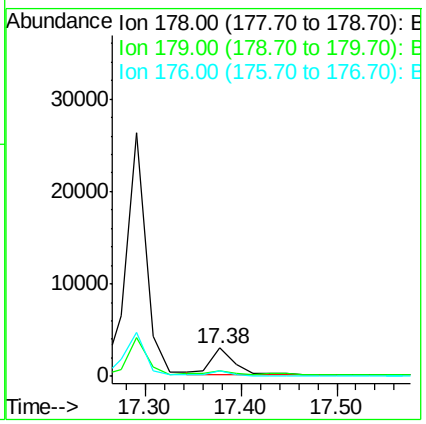




#13
Anthracene
Concen: 0.111 ng/ul
RT: 17.38 min Scan# 2435
Delta R.T. 0.00 min
Lab File: BE093845.D
Acq: 16 Aug 2017 18:10

Tgt Ion:178 Resp: 5366

Ion	Ratio	Lower	Upper
178	100		
179	17.6	18.1	27.1#
176	21.4	14.7	22.1



Instrument :
BNA_E
ClientSampleId :
C0AH1DL

Manual Integrations APPROVED
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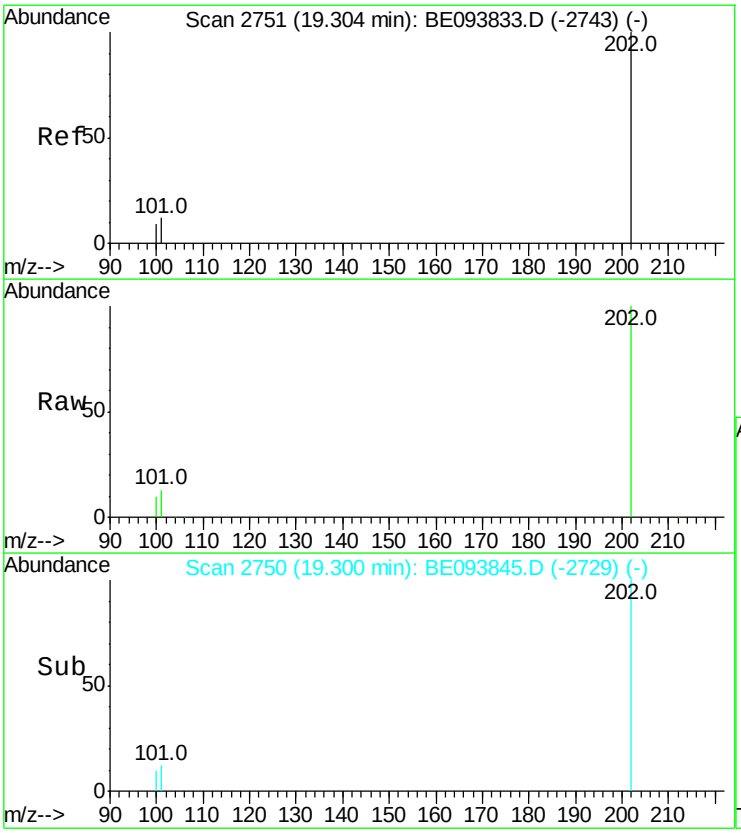
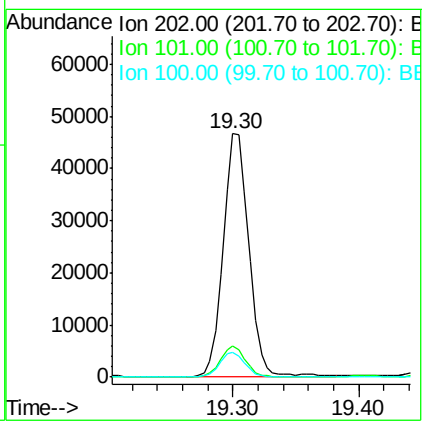
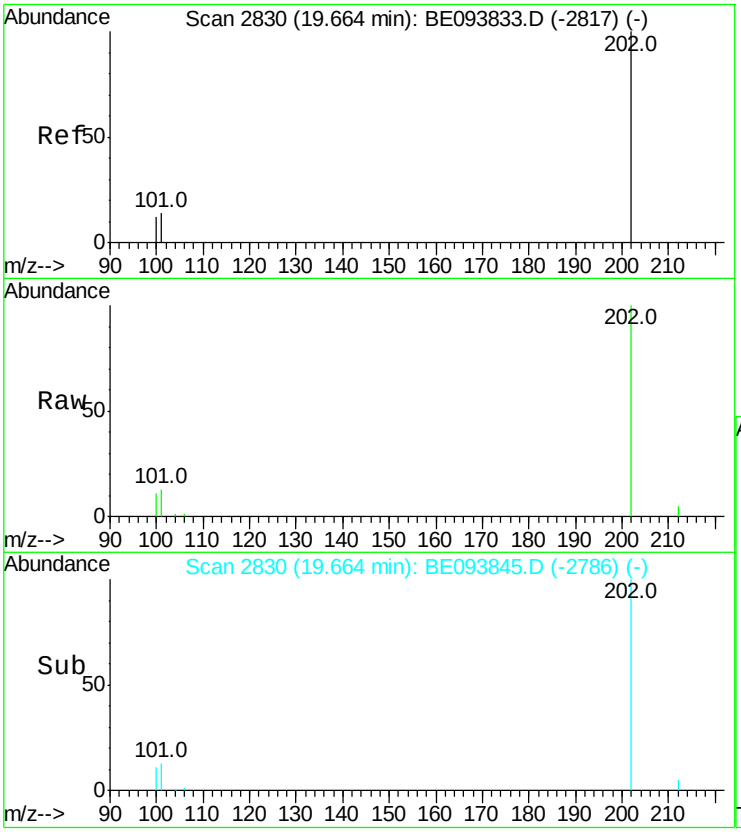


#15
Fluoranthene
Concen: 1.061 ng/ul
RT: 19.30 min Scan# 2750
Delta R.T. -0.00 min
Lab File: BE093845.D
Acq: 16 Aug 2017 18:10

Tgt Ion:202 Resp: 65633

Ion	Ratio	Lower	Upper
202	100		
101	12.8	0.0	30.3
100	10.1	0.0	39.5





#17
Pyrene
Concen: 1.048 ng/ul
RT: 19.66 min Scan# 2830
Delta R.T. 0.00 min
Lab File: BE093845.D
Acq: 16 Aug 2017 18:10

Tgt Ion:202 Resp: 60767

Ion	Ratio	Lower	Upper
202	100		
101	13.1	18.2	27.4#
100	10.9	15.6	23.4#

Instrument :
BNA_E
ClientSampleId :
C0AH1DL

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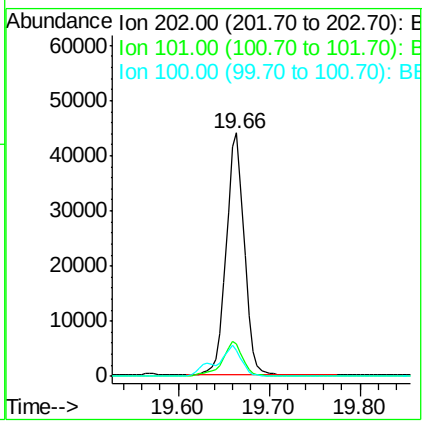
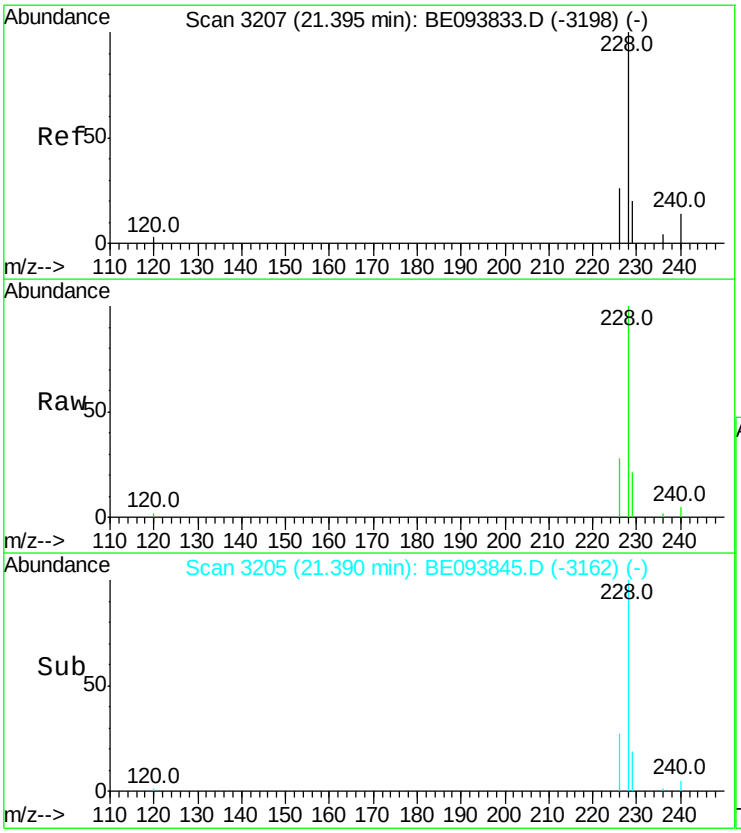
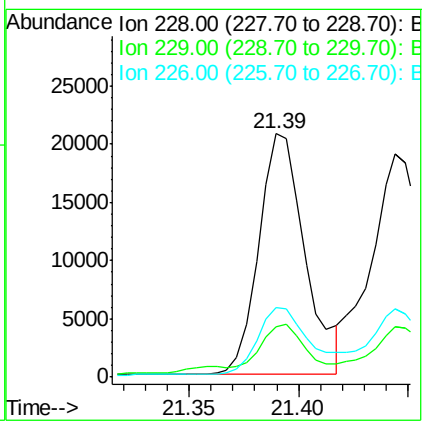


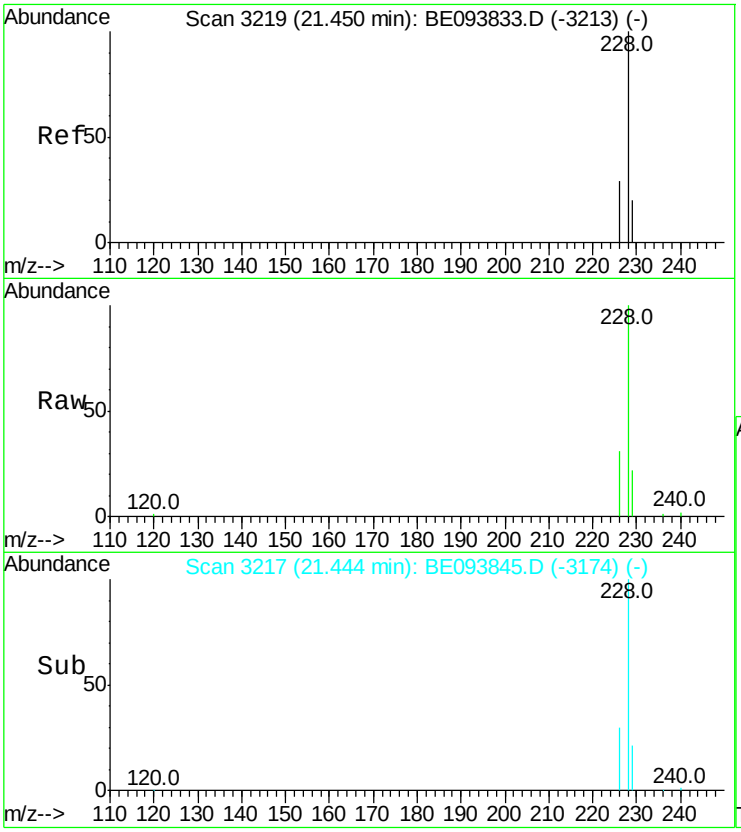


#18
Benzo(a)anthracene
Concen: 0.522 ng/ul
RT: 21.39 min Scan# 3205
Delta R.T. -0.01 min
Lab File: BE093845.D
Acq: 16 Aug 2017 18:10

Tgt Ion:228 Resp: 30081

Ion	Ratio	Lower	Upper
228	100		
229	20.8	22.8	34.2#
226	28.3	17.0	25.6#

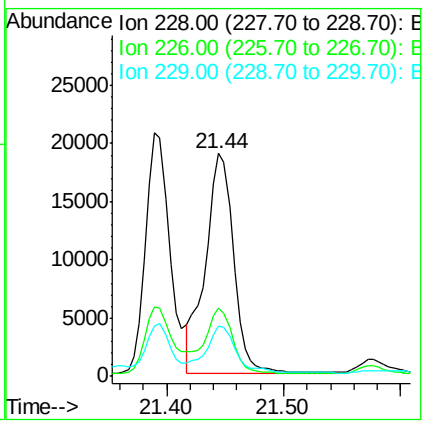




#19
Chrysene
Concen: 0.573 ng/ul
RT: 21.44 min Scan# 3217
Delta R.T. -0.01 min
Lab File: BE093845.D
Acq: 16 Aug 2017 18:10

Tgt Ion:228 Resp: 31649

Ion	Ratio	Lower	Upper
228	100		
226	30.8	23.4	35.0
229	22.4	17.7	26.5



Instrument :
BNA_E
ClientSampleId :
C0AH1DL

Manual Integrations APPROVED
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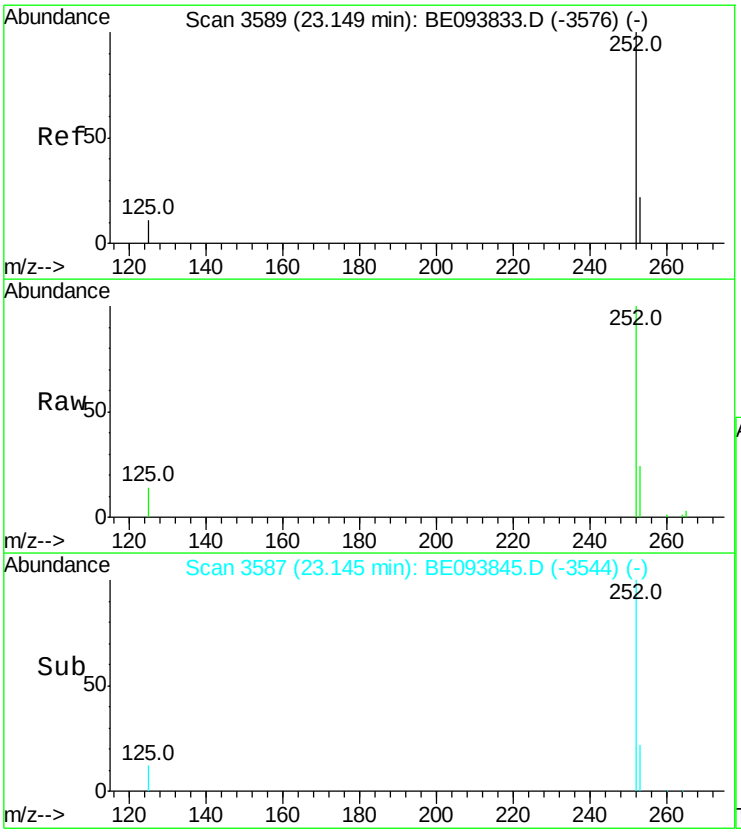
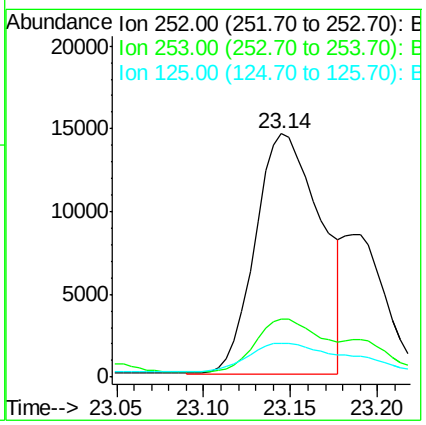
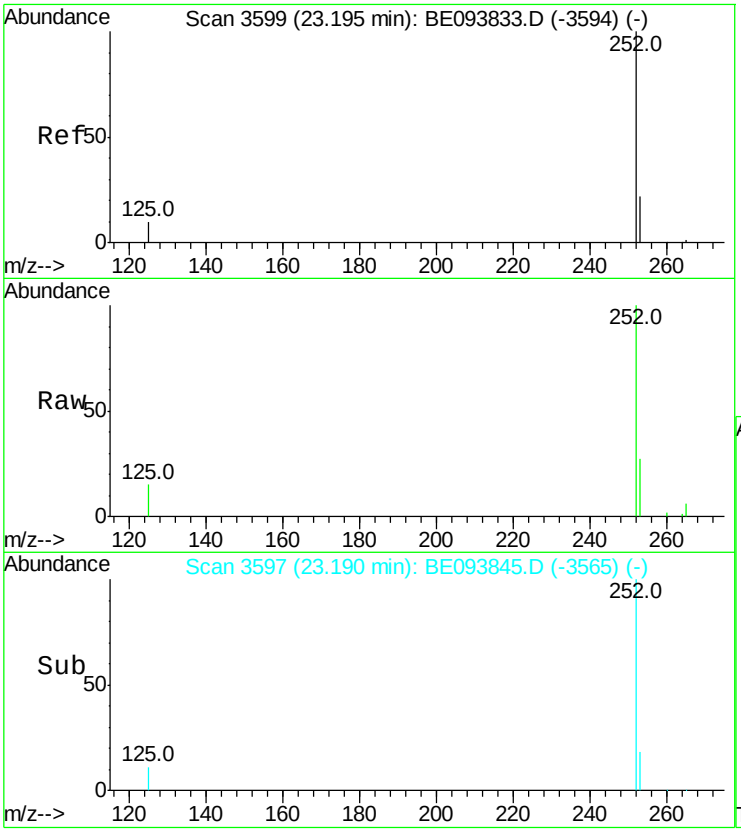


#21
Benzo(b)fluoranthene
Concen: 0.617 ng/ul m
RT: 23.14 min Scan# 3587
Delta R.T. -0.00 min
Lab File: BE093845.D
Acq: 16 Aug 2017 18:10

Tgt Ion:252 Resp: 37883

Ion	Ratio	Lower	Upper
252	100		
253	24.1	0.0	64.2
125	14.1	0.0	35.0





#22
Benzo(k)fluoranthene
Concen: 0.248 ng/ul m
RT: 23.19 min Scan# 3597
Delta R.T. -0.00 min
Lab File: BE093845.D
Acq: 16 Aug 2017 18:10

Tgt Ion:252 Resp: 15044

Ion	Ratio	Lower	Upper
252	100		
253	26.7	24.5	36.7
125	14.5	13.7	20.5

Instrument :
BNA_E
ClientSampleId :
C0AH1DL

Manual Integrations APPROVED
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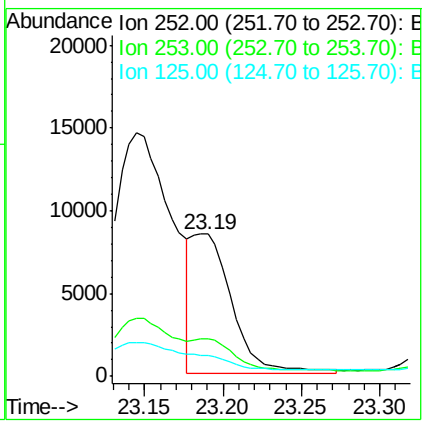
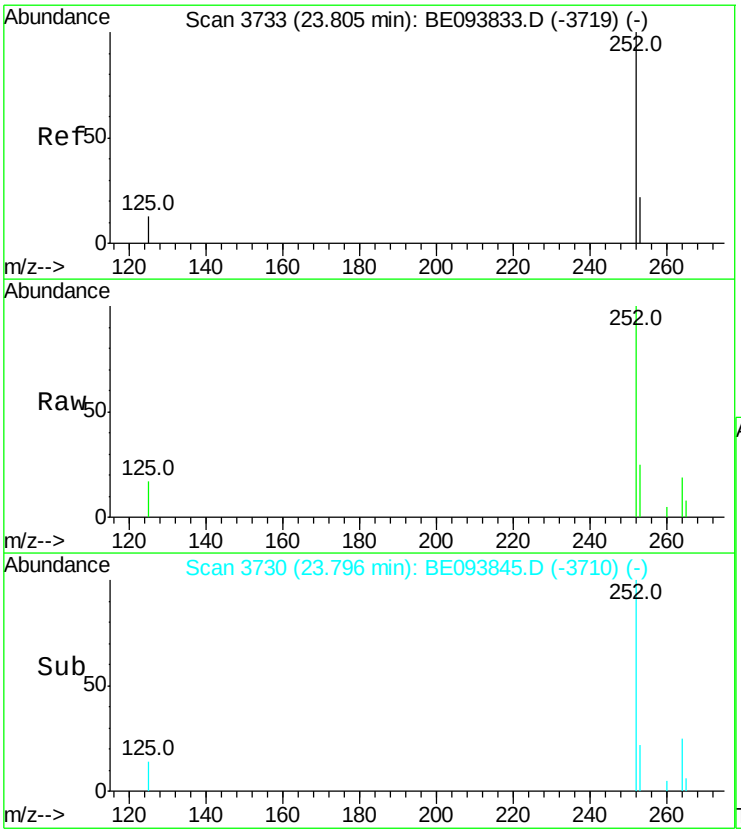
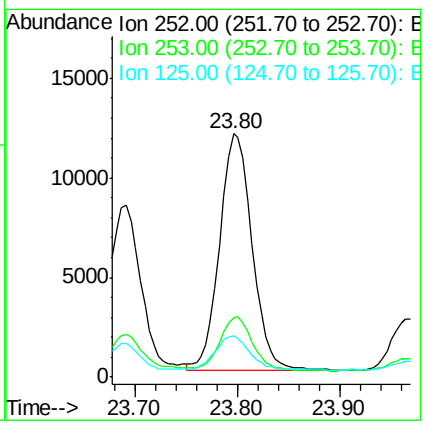


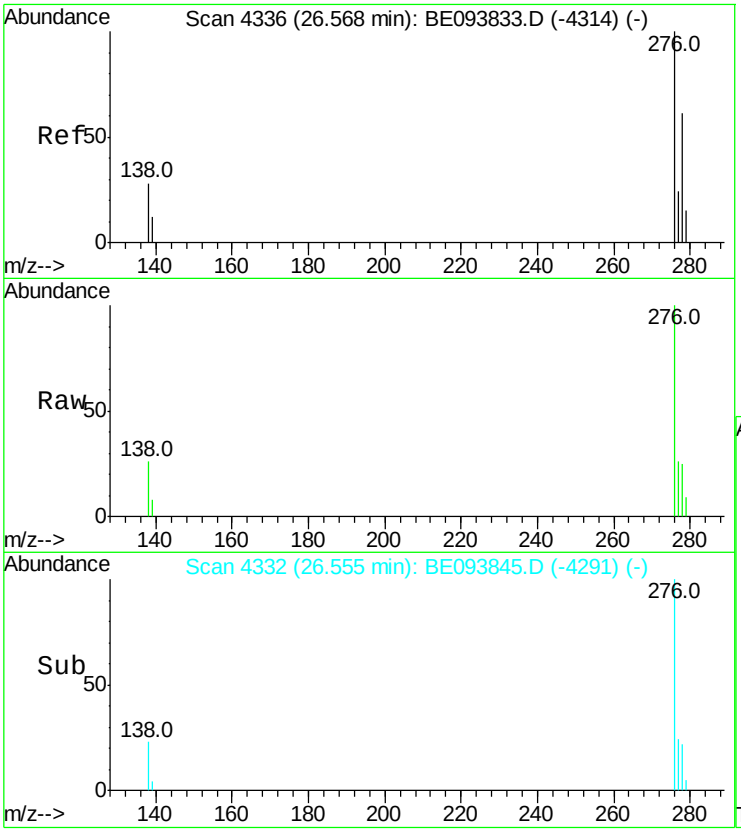


#23
Benzo(a)pyrene
Concen: 0.445 ng/ul
RT: 23.80 min Scan# 3730
Delta R.T. -0.01 min
Lab File: BE093845.D
Acq: 16 Aug 2017 18:10

Tgt Ion:252 Resp: 26002

Ion	Ratio	Lower	Upper
252	100		
253	24.6	28.5	42.7#
125	17.0	18.1	27.1#





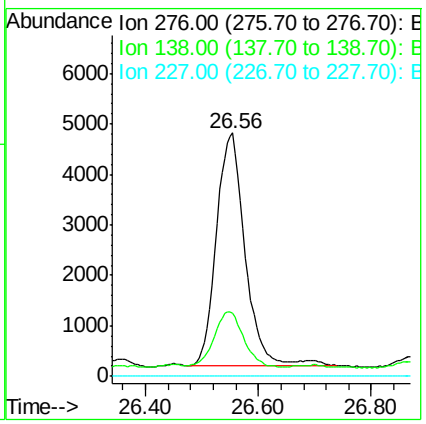
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.252 ng/ul
RT: 26.56 min Scan# 4332
Delta R.T. -0.01 min
Lab File: BE093845.D
Acq: 16 Aug 2017 18:10

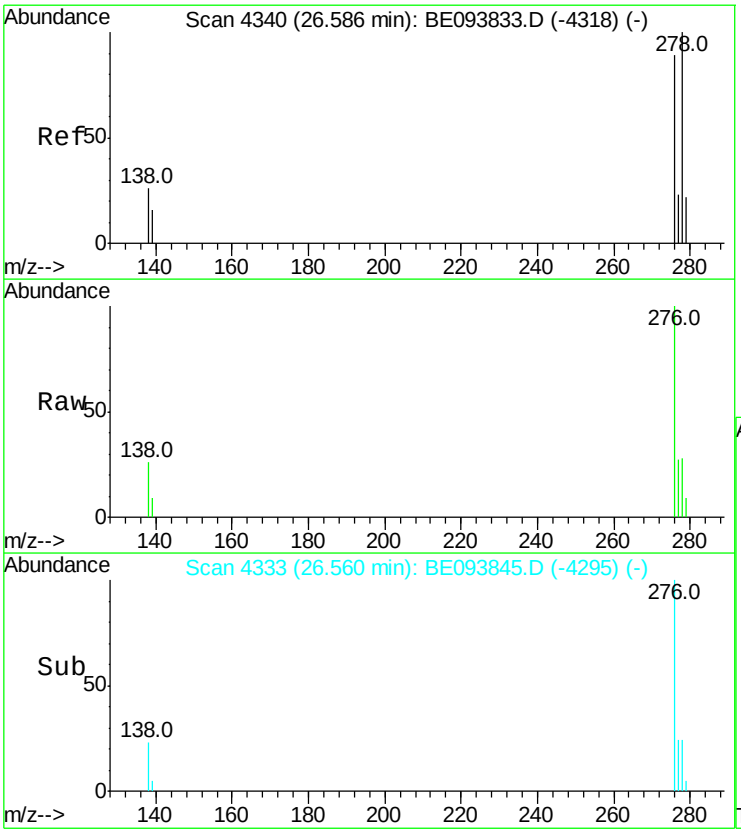
Tgt Ion:276 Resp: 16231

Ion	Ratio	Lower	Upper
276	100		
138	24.9	28.0	42.0#
227	0.0	8.0	12.0#

Instrument :
BNA_E
ClientSampleId :
C0AH1DL

Manual Integrations APPROVED
Sohil
8/17/2017 5:59:36 PM

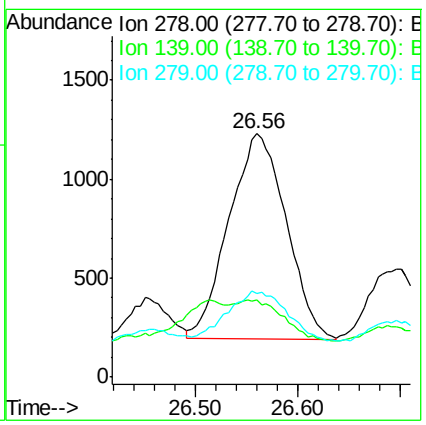


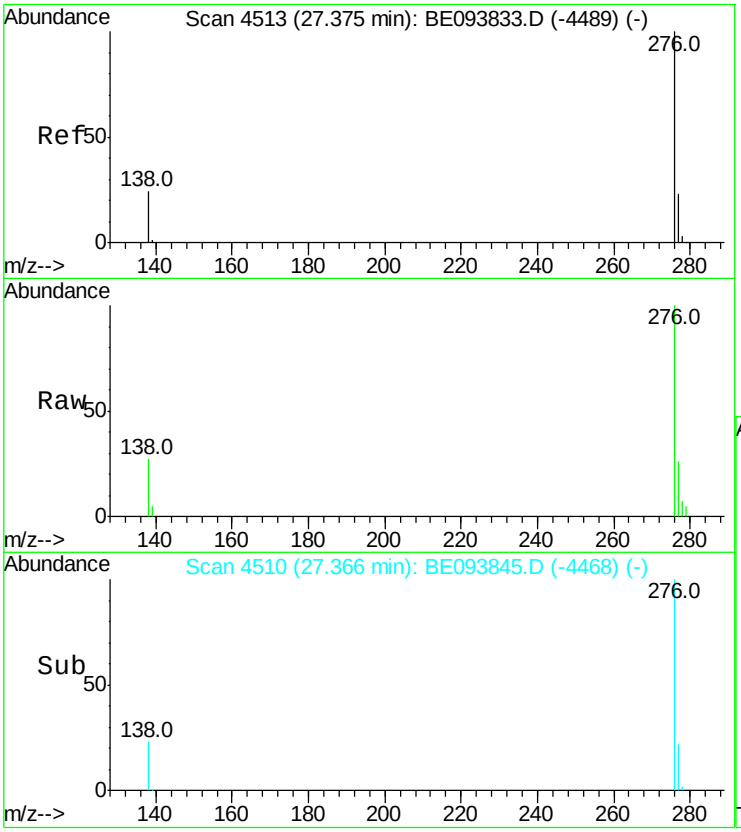


#25
Dibenzo(a,h)anthracene
Concen: 0.075 ng/ul
RT: 26.56 min Scan# 4333
Delta R.T. -0.03 min
Lab File: BE093845.D
Acq: 16 Aug 2017 18:10

Tgt Ion:278 Resp: 4034

Ion	Ratio	Lower	Upper
278	100		
139	31.7	17.4	26.0#
279	34.1	25.9	38.9

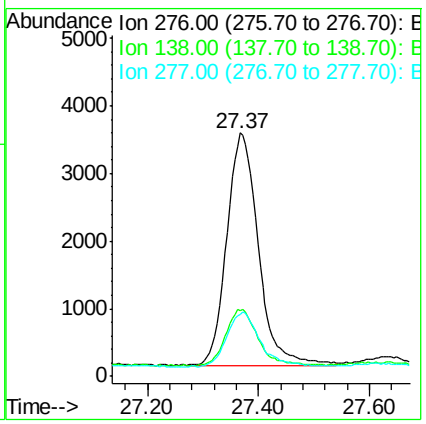




#26
Benzo(g,h,i)perylene
Concen: 0.248 ng/ul
RT: 27.37 min Scan# 4510
Delta R.T. -0.01 min
Lab File: BE093845.D
Acq: 16 Aug 2017 18:10

Tgt Ion:276 Resp: 13495

Ion	Ratio	Lower	Upper
276	100		
138	26.7	21.8	32.8
277	25.6	20.5	30.7



Instrument :
BNA_E
ClientSampleId :
C0AH1DL

Manual Integrations APPROVED
Sohil
8/17/2017 5:59:36 PM