Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE081617\
Data File : BE093857.D
Acq On : 17 Aug 2017 1:37
Operator : SJ/JU
Sample : I4672-10DL 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AJ0DL

Manual Integrations APPROVED
Sohil
8/17/2017 5:59:55 PM

Quant Time: Aug 17 05:00:55 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	2367	0.40	ng/ul	0.00
2) Naphthalene-d8	10.71	136	12158	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.53	164	6871	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	15056	0.40	ng/ul	0.00
16) Chrysene-d12	21.41	240	15986	0.40	ng/ul	0.00
20) Perylene-d12	23.92	264	16110	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	906	0.05	ng/ul	0.00
14) Fluoranthene-d10	19.28	212	2446	0.05	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.75	128	1284	0.043	ng/ul#	89
5) 2-Methylnaphthalene	12.36	142	917	0.043	ng/ul	100
7) Acenaphthylene	14.25	152	1214	0.042	ng/ul#	89
8) Acenaphthene	14.59	153	1504	0.067	ng/ul	98
9) Fluorene	15.58	166	1436	0.050	ng/ul	96
12) Phenanthrene	17.29	178	27448	0.669	ng/ul#	87
13) Anthracene	17.38	178	7608	0.190	ng/ul#	91
15) Fluoranthene	19.31	202	60250	1.175	ng/ul	84
17) Pyrene	19.67	202	54144	1.160	ng/ul#	81
18) Benzo(a)anthracene	21.39	228	32792	0.708	ng/ul#	86
19) Chrysene	21.45	228	31992	0.720	ng/ul	95
21) Benzo(b)fluoranthene	23.15	252	42924m	0.861	ng/ul	
22) Benzo(k)fluoranthene	23.19	252	18619m	0.379	ng/ul	
23) Benzo(a)pyrene	23.81	252	32316	0.682	ng/ul#	86
24) Indeno(1,2,3-cd)pyrene	26.57	276	21636	0.413	ng/ul#	80
25) Dibenzo(a,h)anthracene	26.57	278	5215	0.119	ng/ul#	73
26) Benzo(g,h,i)perylene	27.39	276	21046	0.477	ng/ul	95

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE081617\
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Acq On : 17 Aug 2017 1:37
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Sample : I4672-10DL 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Aug 17 05:00:55 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

Instrument :
BNA_E
ClientSampleId :
C0AJ0DL

Manual Integrations APPROVED
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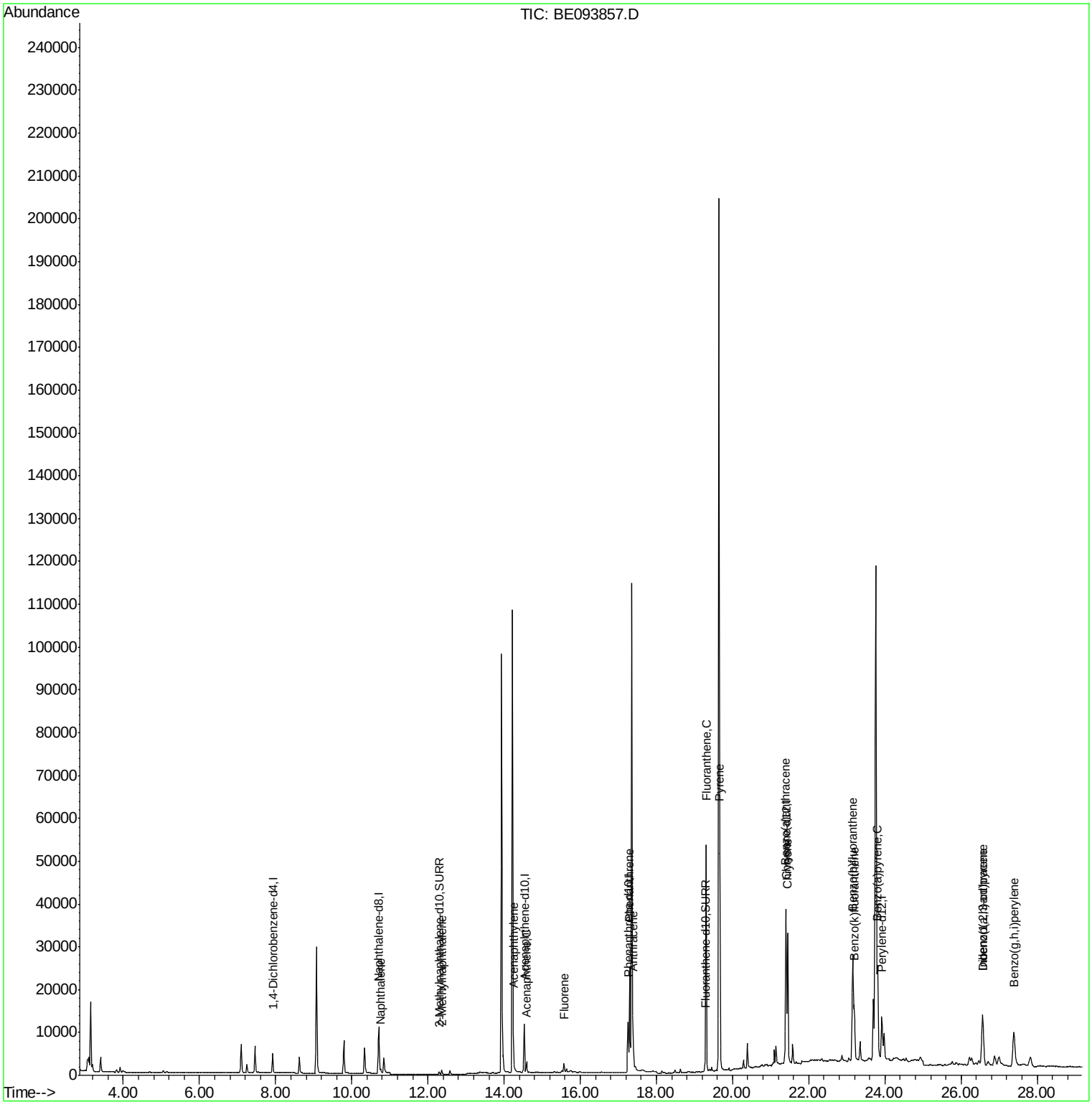
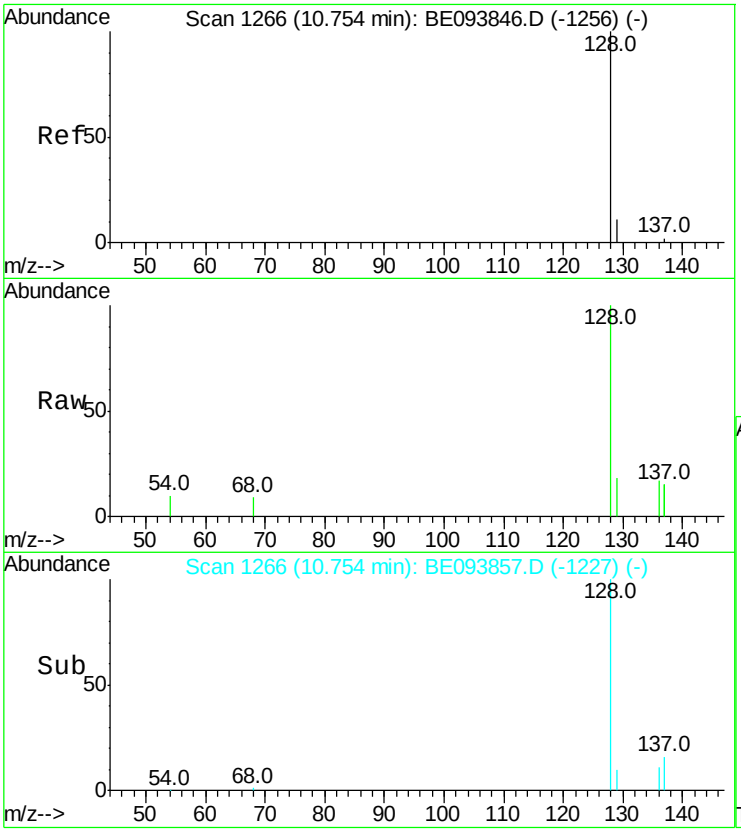
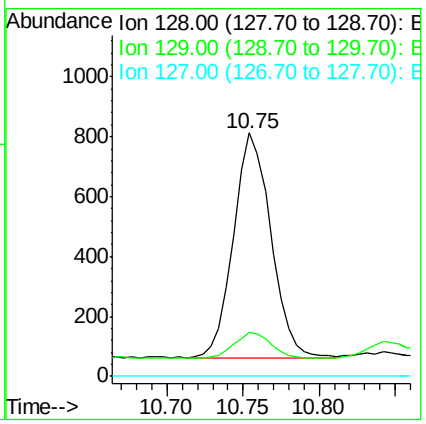




#3
Naphthalene
Concen: 0.043 ng/ul
RT: 10.75 min Scan# 1266
Delta R.T. -0.00 min
Lab File: BE093857.D
Acq: 17 Aug 2017 1:37

Tgt Ion:128 Resp: 1284

Ion	Ratio	Lower	Upper
128	100		
129	18.0	11.3	16.9#
127	0.0	4.0	6.0#



Instrument :
BNA_E
ClientSampleId :
C0AJ0DL

Manual Integrations APPROVED
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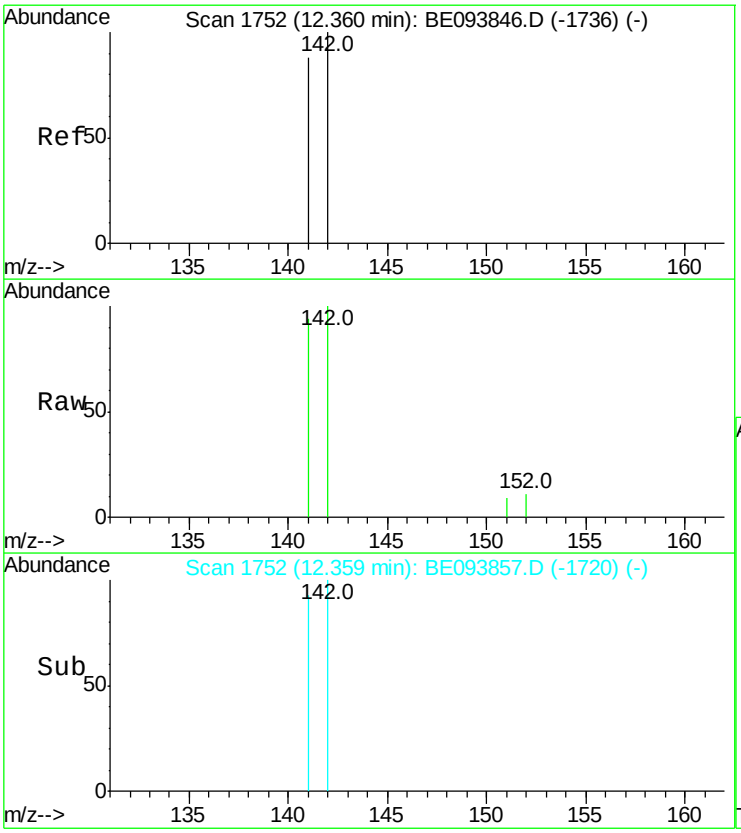
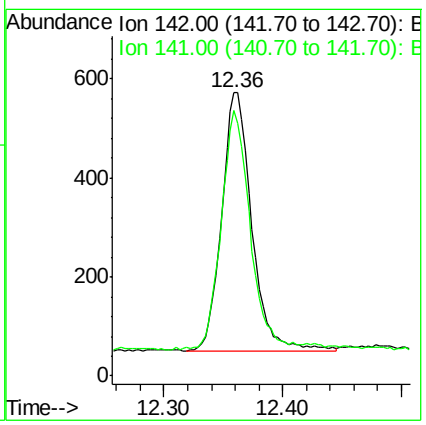
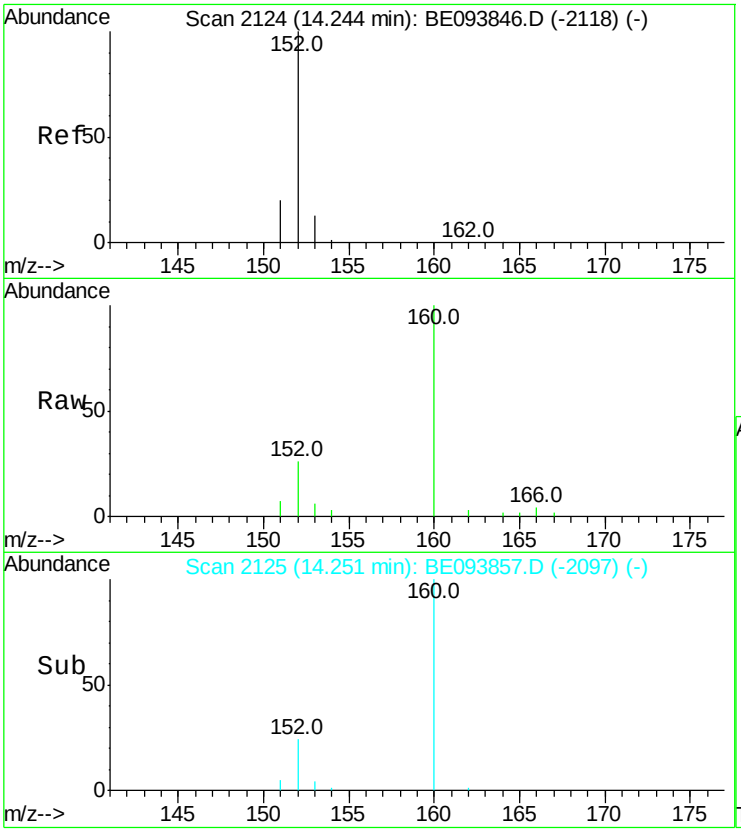


#5
2-Methylnaphthalene
Concen: 0.043 ng/ul
RT: 12.36 min Scan# 1752
Delta R.T. -0.00 min
Lab File: BE093857.D
Acq: 17 Aug 2017 1:37

Tgt Ion:142 Resp: 917

Ion	Ratio	Lower	Upper
142	100		
141	90.5	72.6	108.8

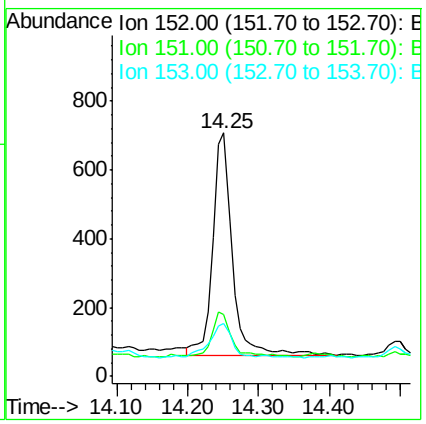




#7
Acenaphthylene
Concen: 0.042 ng/ul
RT: 14.25 min Scan# 2125
Delta R.T. 0.01 min
Lab File: BE093857.D
Acq: 17 Aug 2017 1:37

Tgt Ion:152 Resp: 1214

Ion	Ratio	Lower	Upper
152	100		
151	25.4	17.1	25.7
153	21.9	12.8	19.2#



Instrument :
BNA_E
ClientSampleId :
C0AJ0DL

Manual Integrations APPROVED
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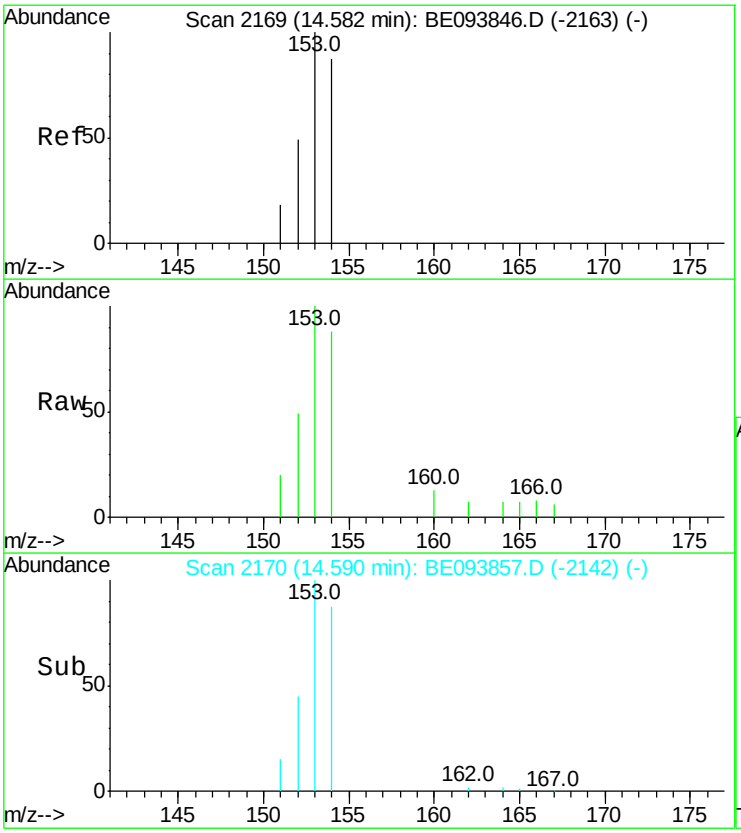
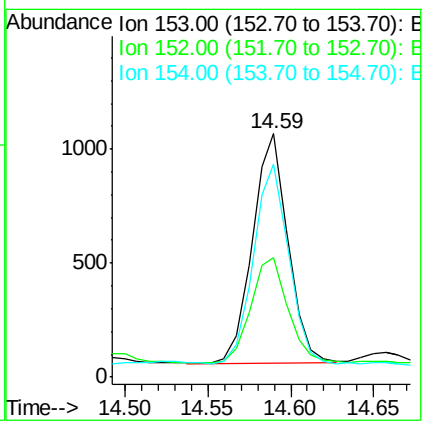
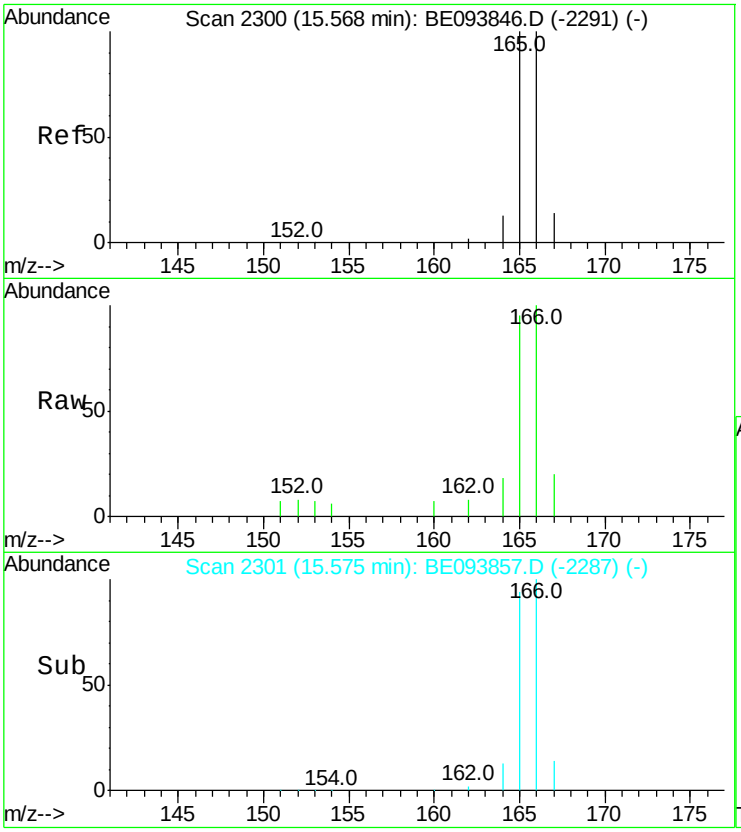


#8
Acenaphthene
Concen: 0.067 ng/ul
RT: 14.59 min Scan# 2170
Delta R.T. 0.01 min
Lab File: BE093857.D
Acq: 17 Aug 2017 1:37

Tgt Ion:153 Resp: 1504

Ion	Ratio	Lower	Upper
153	100		
152	49.3	40.3	60.5
154	87.5	71.4	107.2

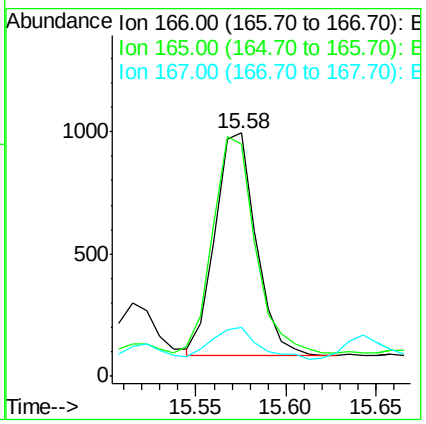




#9
Fluorene
Concen: 0.050 ng/ul
RT: 15.58 min Scan# 2301
Delta R.T. 0.01 min
Lab File: BE093857.D
Acq: 17 Aug 2017 1:37

Tgt Ion:166 Resp: 1436

Ion	Ratio	Lower	Upper
166	100		
165	95.4	73.4	110.2
167	19.9	14.6	22.0



Instrument :
BNA_E
ClientSampleId :
C0AJ0DL

Manual Integrations APPROVED
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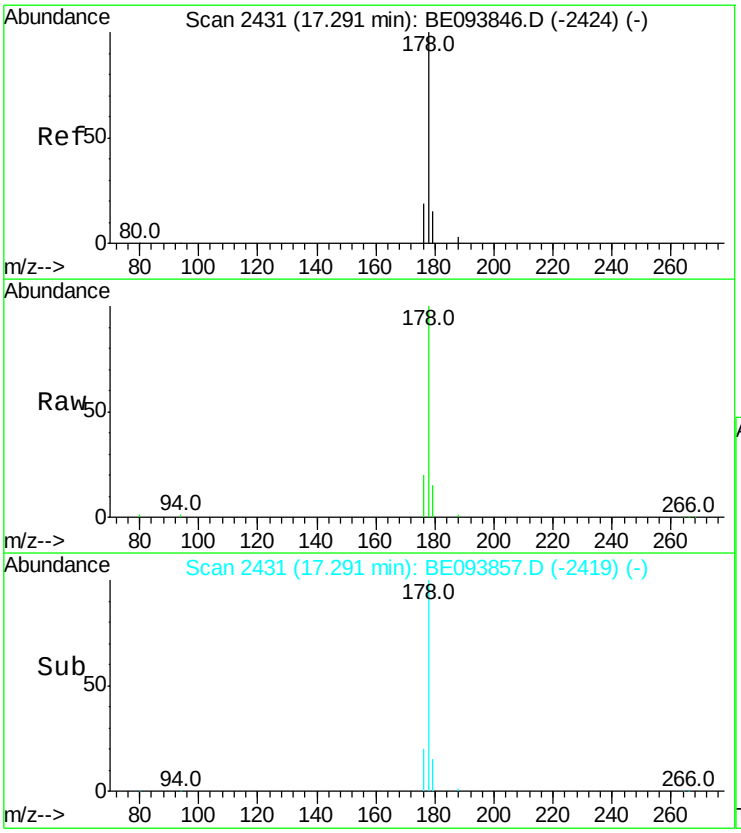
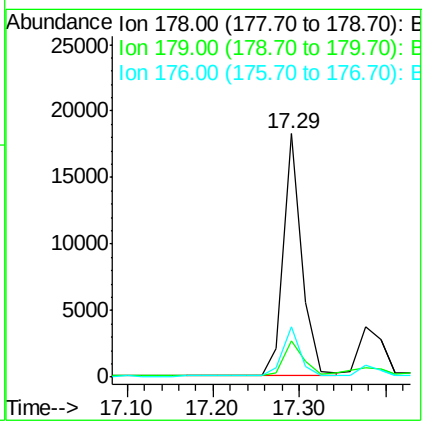
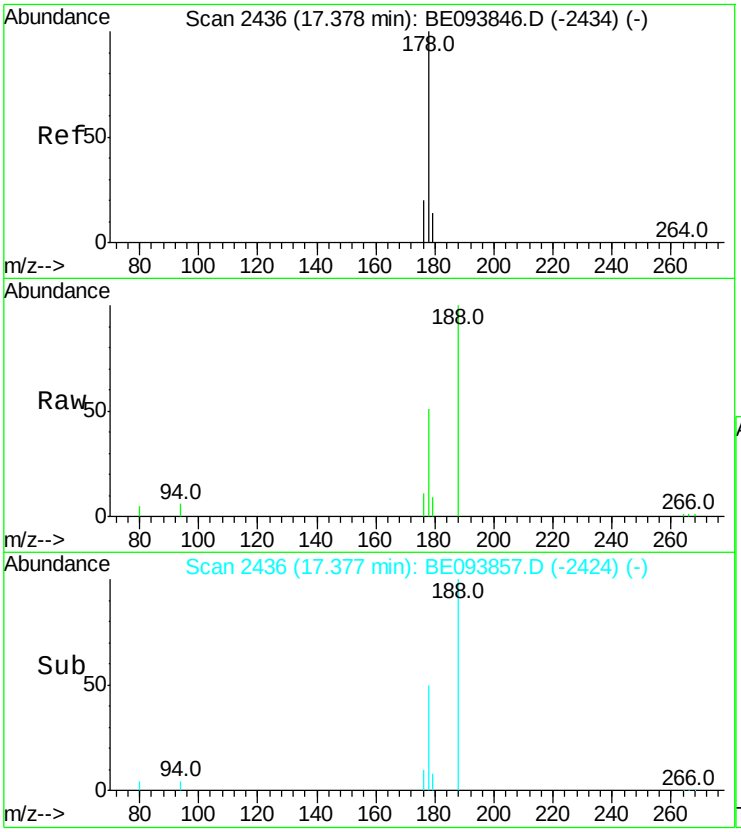


#12
Phenanthrene
Concen: 0.669 ng/ul
RT: 17.29 min Scan# 2431
Delta R.T. -0.00 min
Lab File: BE093857.D
Acq: 17 Aug 2017 1:37

Tgt Ion:178 Resp: 27448

Ion	Ratio	Lower	Upper
178	100		
179	15.1	18.4	27.6#
176	20.5	13.6	20.4#





#13
Anthracene
Concen: 0.190 ng/ul
RT: 17.38 min Scan# 2436
Delta R.T. -0.00 min
Lab File: BE093857.D
Acq: 17 Aug 2017 1:37

Tgt Ion:178 Resp: 7608

Ion	Ratio	Lower	Upper
178	100		
179	17.9	18.1	27.1#
176	22.4	14.7	22.1#

Instrument :
BNA_E
ClientSampleId :
C0AJ0DL

Manual Integrations APPROVED
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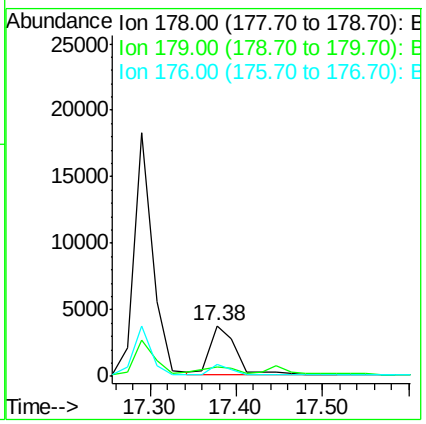
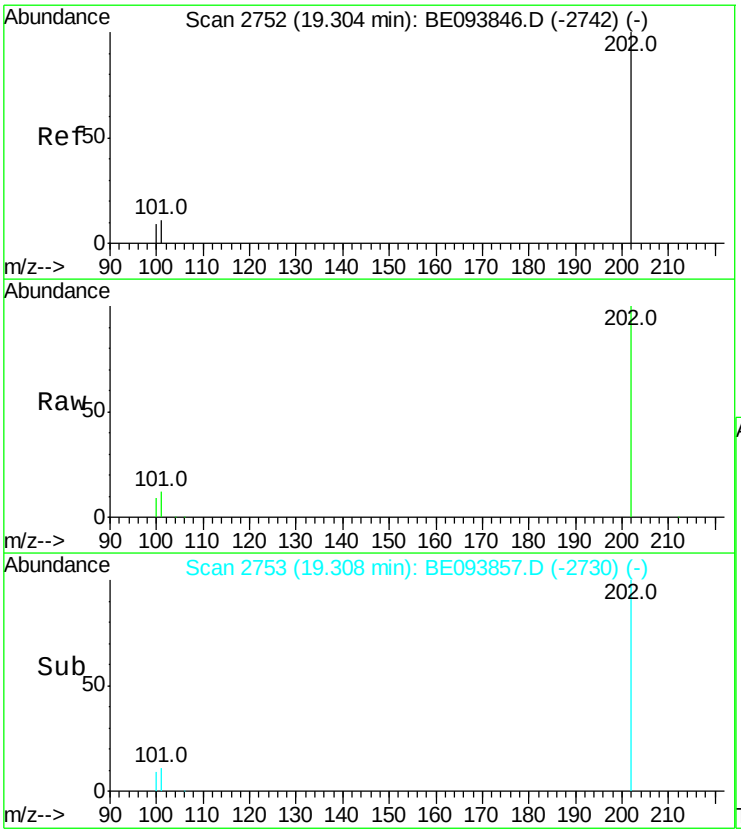
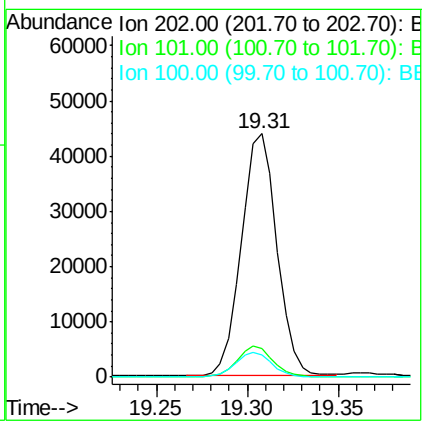


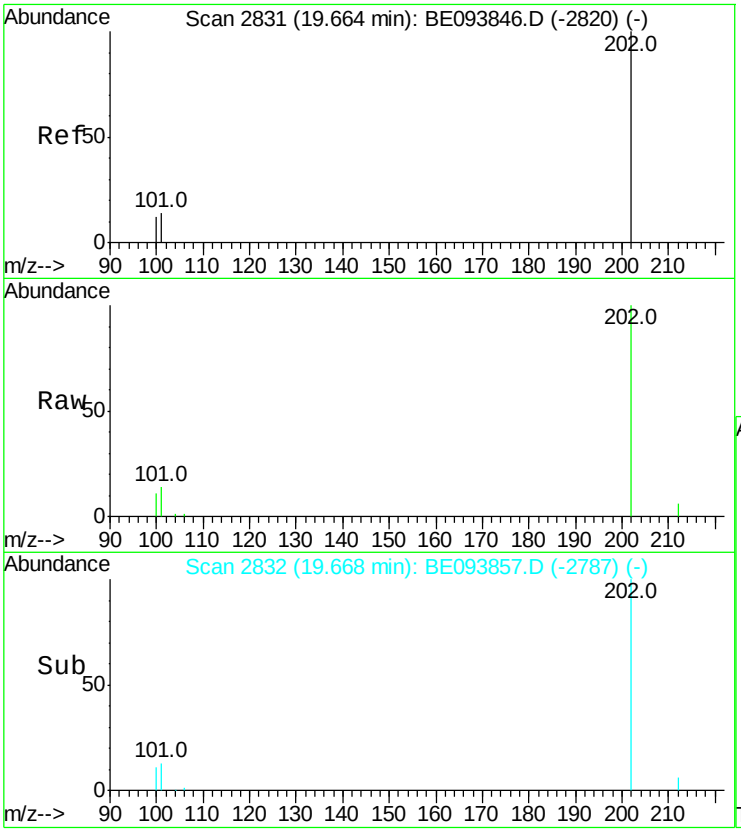


#15
Fluoranthene
Concen: 1.175 ng/ul
RT: 19.31 min Scan# 2753
Delta R.T. 0.00 min
Lab File: BE093857.D
Acq: 17 Aug 2017 1:37

Tgt Ion:202 Resp: 60250

Ion	Ratio	Lower	Upper
202	100		
101	11.7	0.0	30.3
100	9.3	0.0	39.5





#17
Pyrene
Concen: 1.160 ng/ul
RT: 19.67 min Scan# 2832
Delta R.T. 0.00 min
Lab File: BE093857.D
Acq: 17 Aug 2017 1:37

Tgt Ion:202 Resp: 54144

Ion	Ratio	Lower	Upper
202	100		
101	13.5	18.2	27.4#
100	11.4	15.6	23.4#

Instrument :
BNA_E
ClientSampleId :
C0AJ0DL

Manual Integrations APPROVED
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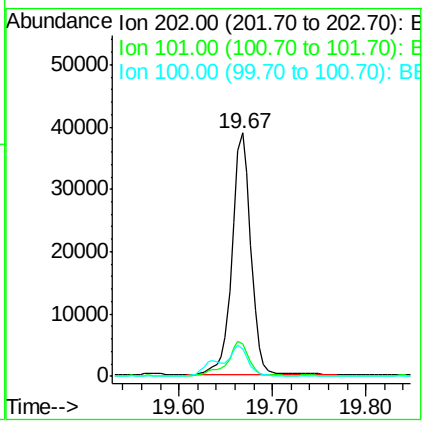
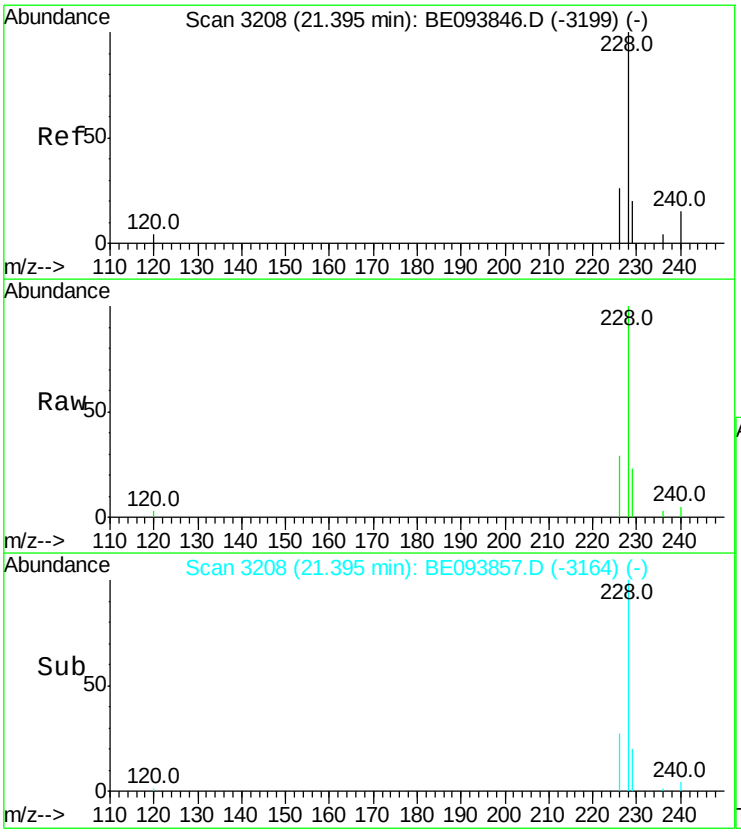
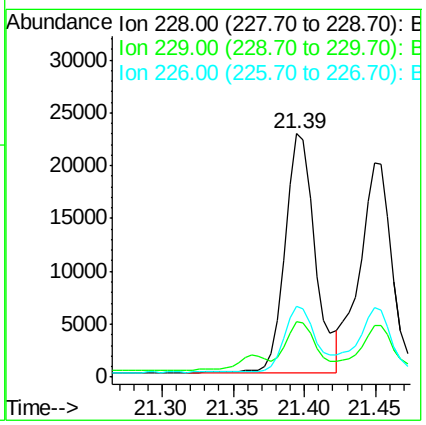


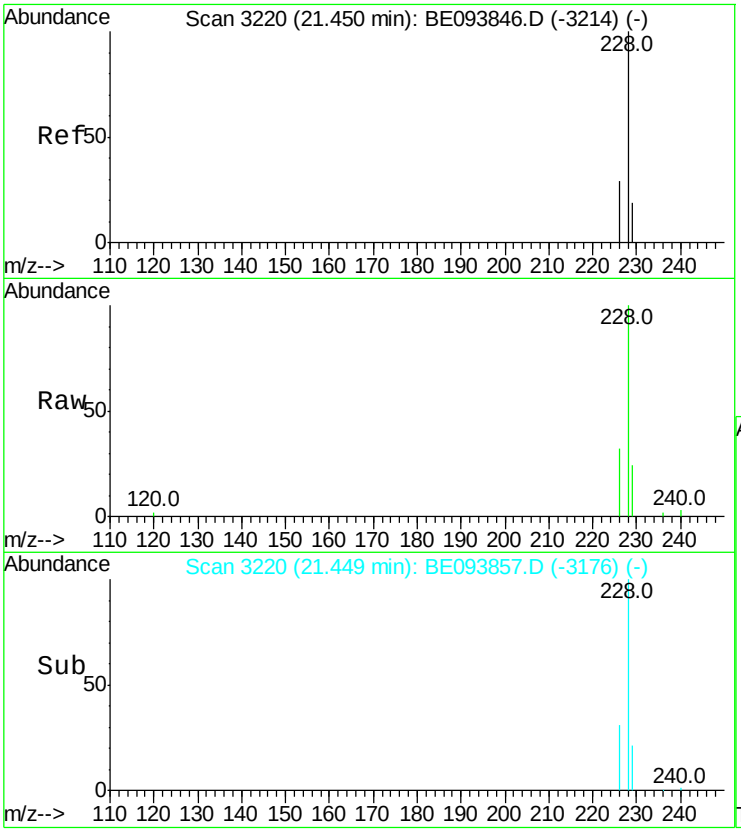


#18
Benzo(a)anthracene
Concen: 0.708 ng/ul
RT: 21.39 min Scan# 3208
Delta R.T. -0.00 min
Lab File: BE093857.D
Acq: 17 Aug 2017 1:37

Tgt Ion:228 Resp: 32792

Ion	Ratio	Lower	Upper
228	100		
229	22.6	22.8	34.2#
226	29.3	17.0	25.6#

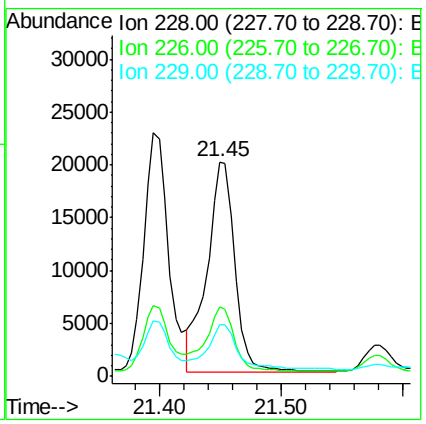




#19
Chrysene
Concen: 0.720 ng/ul
RT: 21.45 min Scan# 3220
Delta R.T. -0.00 min
Lab File: BE093857.D
Acq: 17 Aug 2017 1:37

Tgt Ion:228 Resp: 31992

Ion	Ratio	Lower	Upper
228	100		
226	32.5	23.4	35.0
229	23.8	17.7	26.5



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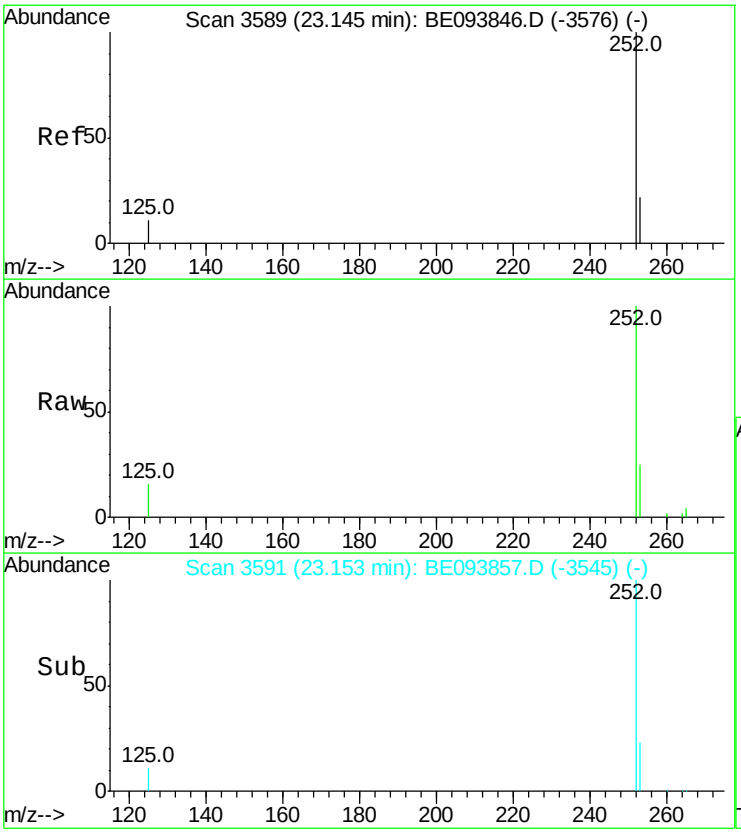
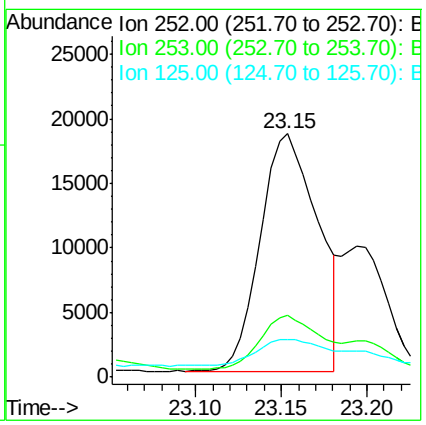
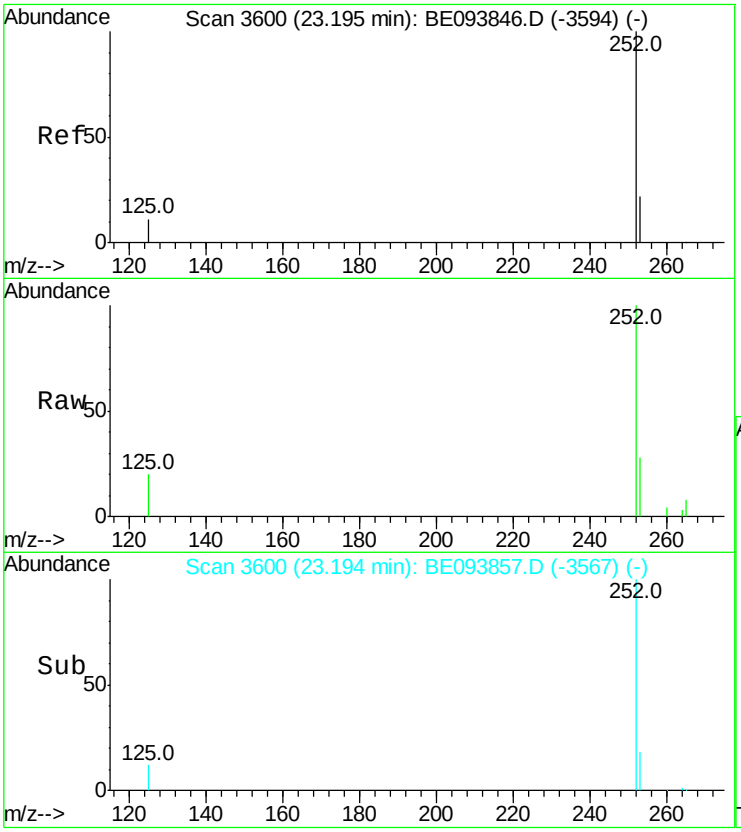


#21
Benzo(b)fluoranthene
Concen: 0.861 ng/ul m
RT: 23.15 min Scan# 3591
Delta R.T. 0.01 min
Lab File: BE093857.D
Acq: 17 Aug 2017 1:37

Tgt Ion:252 Resp: 42924

Ion	Ratio	Lower	Upper
252	100		
253	25.3	0.0	64.2
125	15.6	0.0	35.0





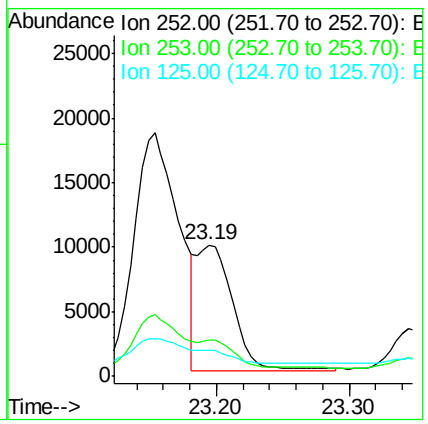
#22
Benzo(k)fluoranthene
Concen: 0.379 ng/ul m
RT: 23.19 min Scan# 3600
Delta R.T. -0.00 min
Lab File: BE093857.D
Acq: 17 Aug 2017 1:37

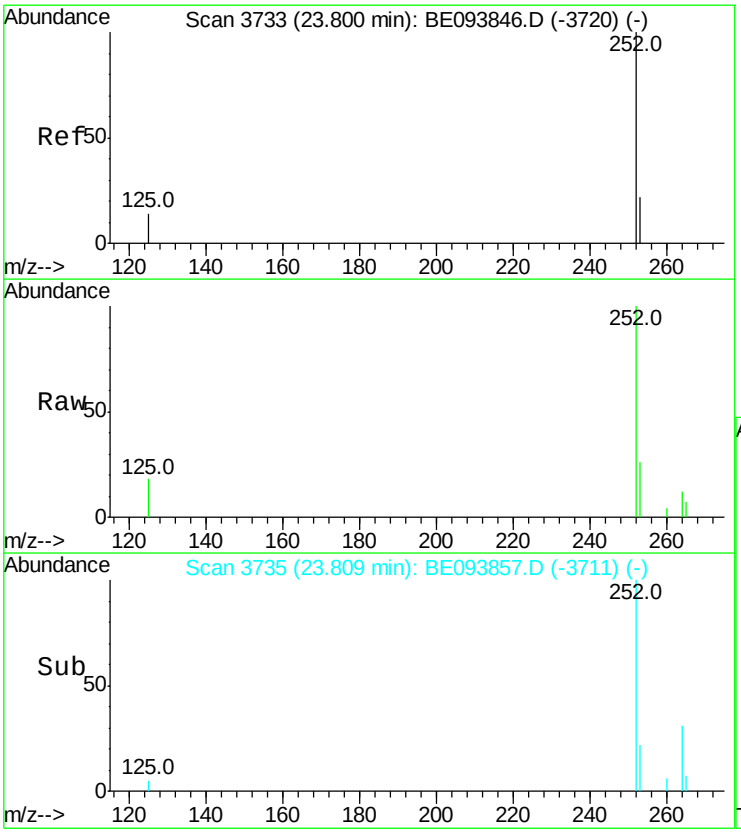
Tgt Ion:252 Resp: 18619

Ion	Ratio	Lower	Upper
252	100		
253	27.9	24.5	36.7
125	19.9	13.7	20.5

Instrument :
BNA_E
ClientSampleId :
C0AJ0DL

Manual Integrations APPROVED
Sohil
8/17/2017 5:59:55 PM

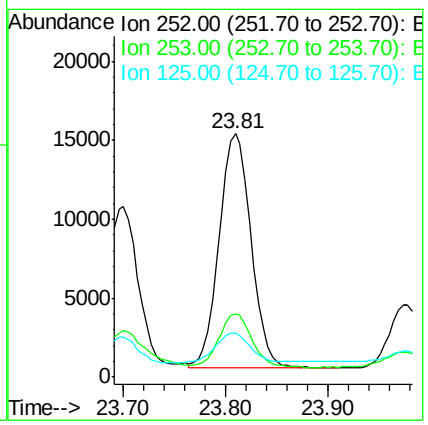


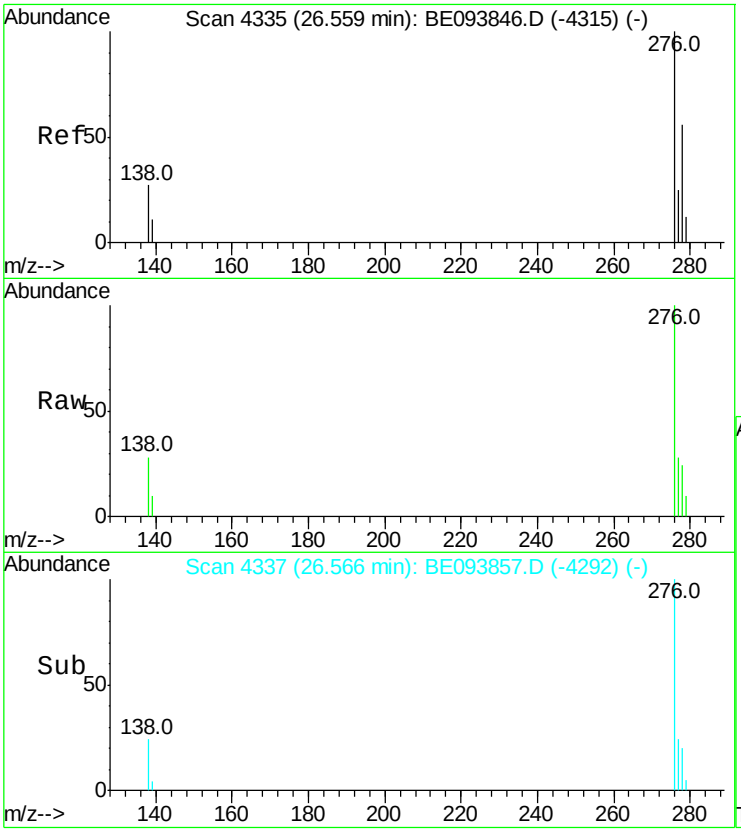


#23
Benzo(a)pyrene
Concen: 0.682 ng/ul
RT: 23.81 min Scan# 3735
Delta R.T. 0.01 min
Lab File: BE093857.D
Acq: 17 Aug 2017 1:37

Tgt Ion:252 Resp: 32316

Ion	Ratio	Lower	Upper
252	100		
253	25.8	28.5	42.7#
125	17.9	18.1	27.1#





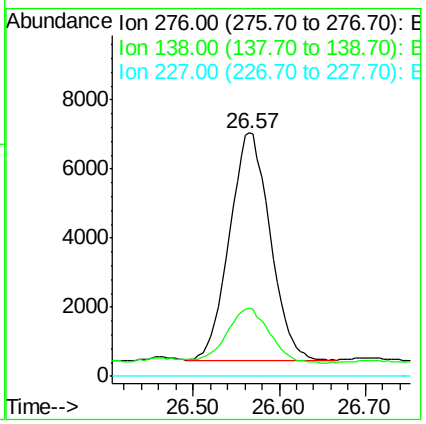
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.413 ng/ul
RT: 26.57 min Scan# 4337
Delta R.T. 0.01 min
Lab File: BE093857.D
Acq: 17 Aug 2017 1:37

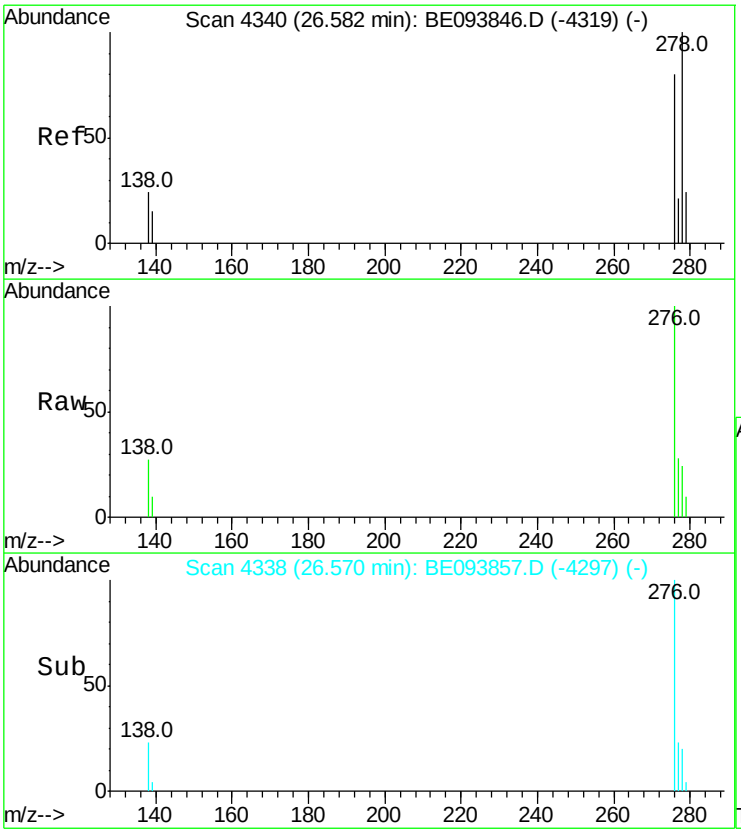
Tgt Ion:276 Resp: 21636

Ion	Ratio	Lower	Upper
276	100		
138	24.8	28.0	42.0#
227	0.0	8.0	12.0#

Instrument :
BNA_E
ClientSampleId :
C0AJ0DL

Manual Integrations APPROVED
Sohil
8/17/2017 5:59:55 PM

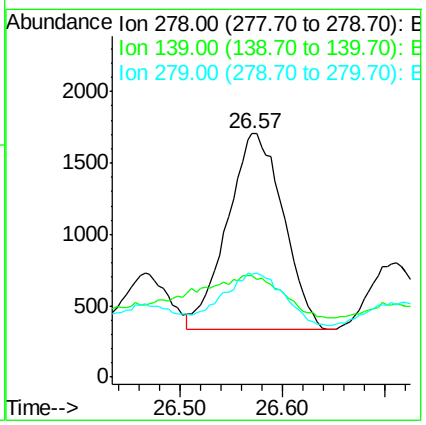


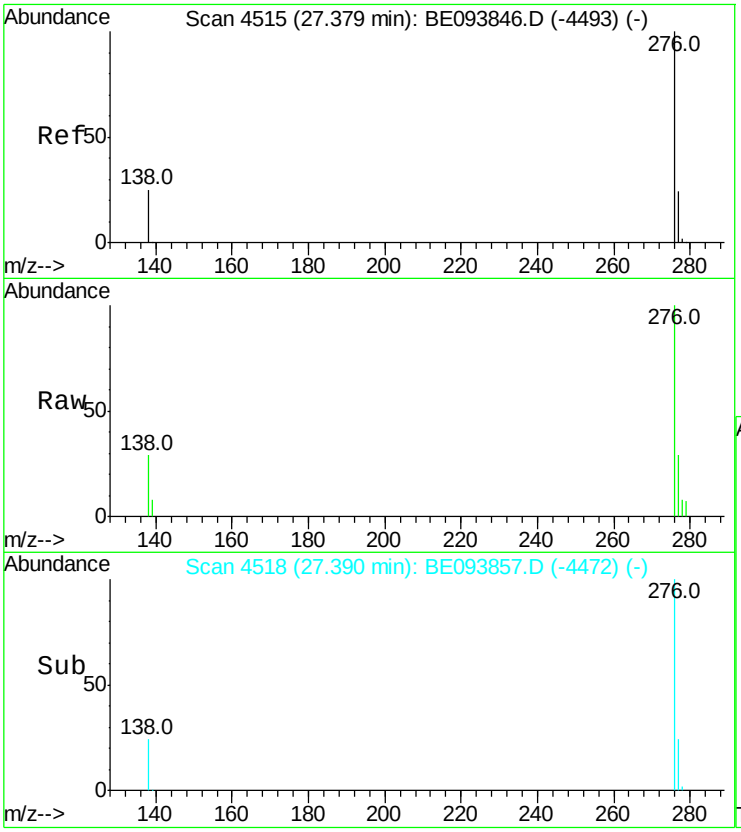


#25
Dibenzo(a,h)anthracene
Concen: 0.119 ng/ul
RT: 26.57 min Scan# 4338
Delta R.T. -0.01 min
Lab File: BE093857.D
Acq: 17 Aug 2017 1:37

Tgt Ion:278 Resp: 5215

Ion	Ratio	Lower	Upper
278	100		
139	41.7	17.4	26.0#
279	42.1	25.9	38.9#

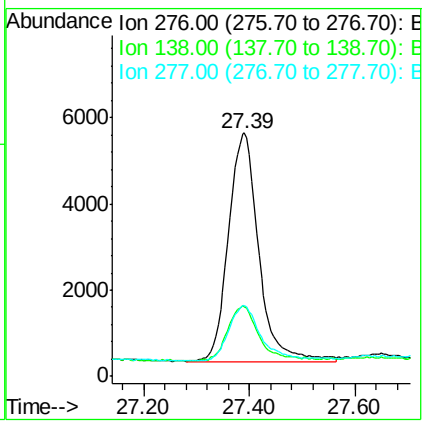




#26
Benzo(g,h,i)perylene
Concen: 0.477 ng/ul
RT: 27.39 min Scan# 4518
Delta R.T. 0.01 min
Lab File: BE093857.D
Acq: 17 Aug 2017 1:37

Tgt Ion:276 Resp: 21046

Ion	Ratio	Lower	Upper
276	100		
138	28.8	21.8	32.8
277	29.1	20.5	30.7



Instrument :
BNA_E
ClientSampleId :
C0AJ0DL

Manual Integrations APPROVED
Sohil
8/17/2017 5:59:55 PM