Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081517\
Data File : BE093820.D
Acq On : 15 Aug 2017 22:52
Operator : SJ/JU
Sample : I4672-14
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AJ2

Manual Integrations APPROVED
Sohil
8/16/2017 6:50:01 PM

Quant Time: Aug 16 15:28:35 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE072417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 16 07:30:49 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	2604	0.40	ng/ul	0.00
2) Naphthalene-d8	10.70	136	14050	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	8534	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	17811	0.40	ng/ul	0.00
16) Chrysene-d12	21.41	240	18454	0.40	ng/ul	0.00
20) Perylene-d12	23.91	264	13983m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	5425	0.24	ng/ul	0.00
14) Fluoranthene-d10	19.27	212	13377	0.24	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.76	128	5427	0.159	ng/ul#	94
5) 2-Methylnaphthalene	12.36	142	2245	0.090	ng/ul	99
7) Acenaphthylene	14.24	152	1307	0.037	ng/ul#	84
8) Acenaphthene	14.59	153	2129	0.076	ng/ul	99
9) Fluorene	15.57	166	2518	0.071	ng/ul	94
12) Phenanthrene	17.29	178	35066	0.723	ng/ul#	89
13) Anthracene	17.38	178	9489	0.201	ng/ul#	91
15) Fluoranthene	19.30	202	76674	1.264	ng/ul	84
17) Pyrene	19.66	202	71846	1.334	ng/ul#	83
18) Benzo(a)anthracene	21.39	228	38115	0.712	ng/ul#	87
19) Chrysene	21.45	228	36646	0.714	ng/ul	99
21) Benzo(b)fluoranthene	23.15	252	36274	0.839	ng/ul	89
22) Benzo(k)fluoranthene	23.17	252	17079m	0.400	ng/ul	
23) Benzo(a)pyrene	23.80	252	30714m	0.747	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.55	276	14726m	0.324	ng/ul	
25) Dibenzo(a,h)anthracene	26.56	278	3771m	0.099	ng/ul	
26) Benzo(g,h,i)perylene	27.37	276	11650m	0.304	ng/ul	

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

Quantitation Report (QT Reviewed)

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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 : Wed Aug 16 07:30:49 2017
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
C0AJ2

Manual Integrations APPROVED
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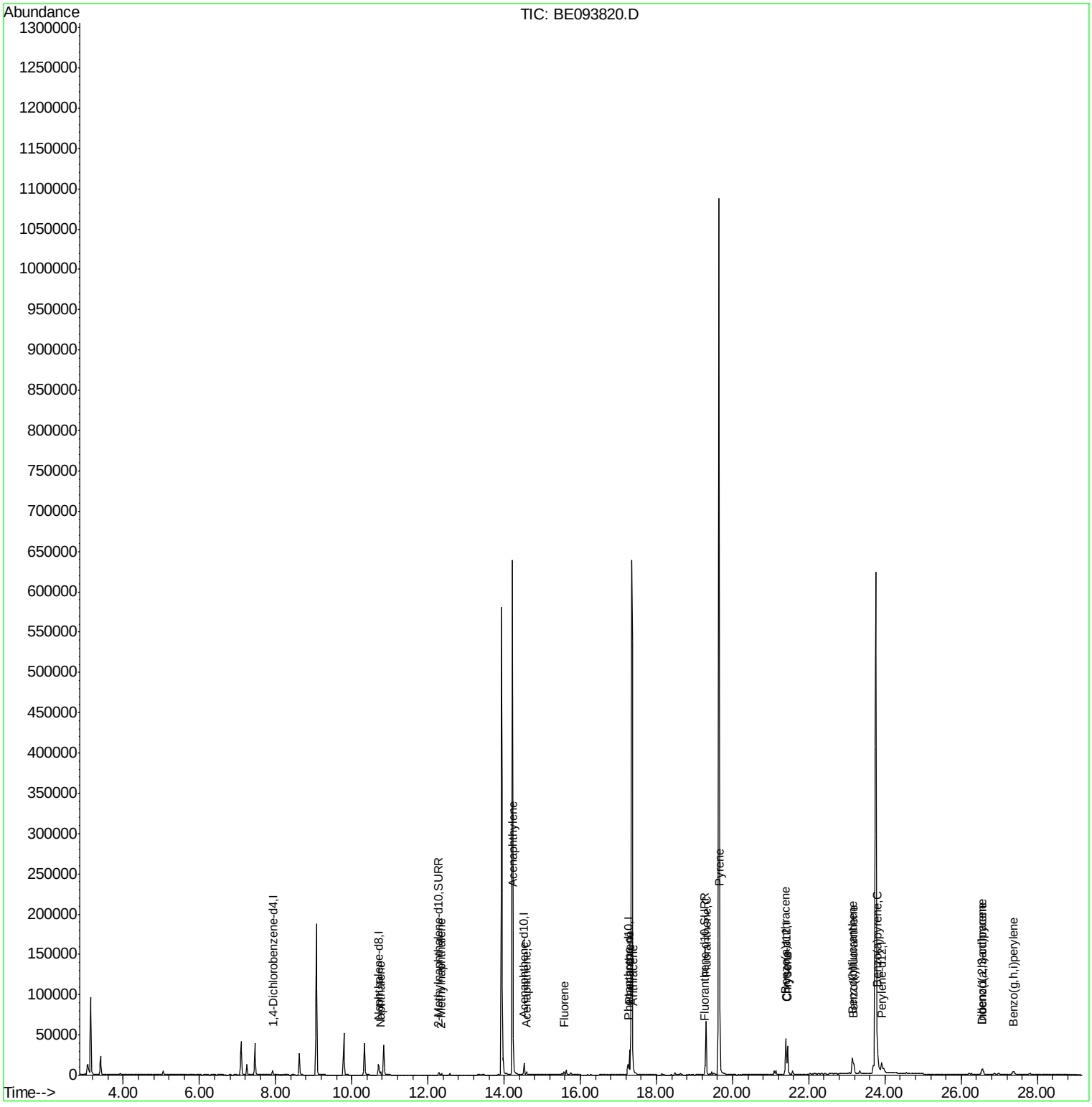

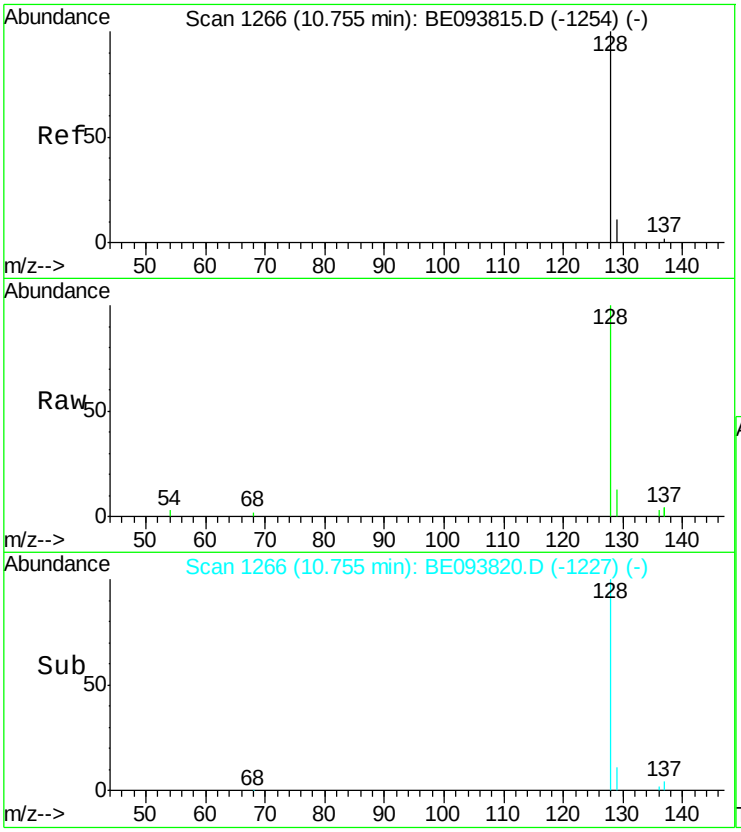

#3
Naphthalene
Concen: 0.159 ng/ul
RT: 10.76 min Scan# 1266
Delta R.T. 0.00 min
Lab File: BE093820.D
Acq: 15 Aug 2017 22:52

Tgt Ion:128 Resp: 5427

Ion	Ratio	Lower	Upper
128	100		
129	12.9	11.3	16.9
127	0.0	4.0	6.0#

Instrument :
BNA_E
ClientSampleId :
C0AJ2

Manual Integrations APPROVED
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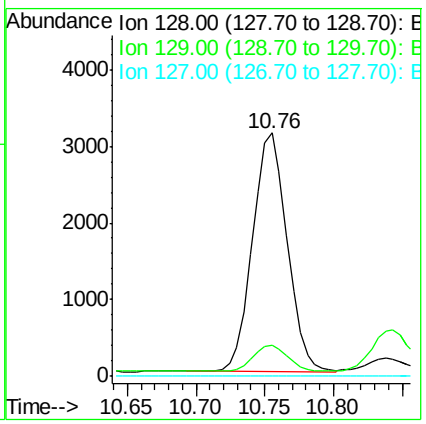
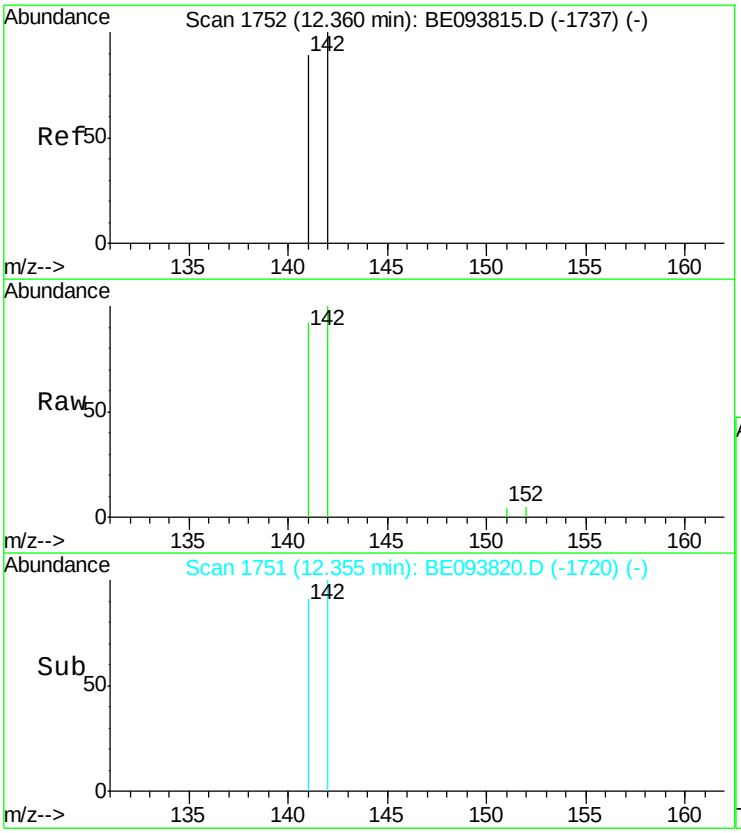
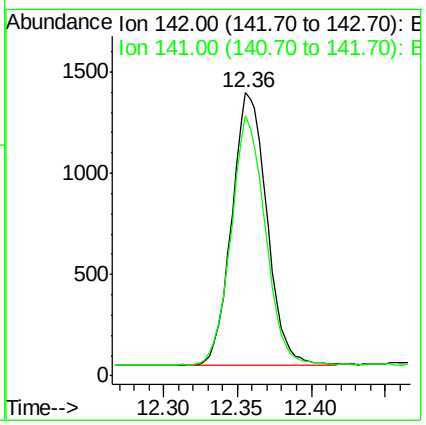


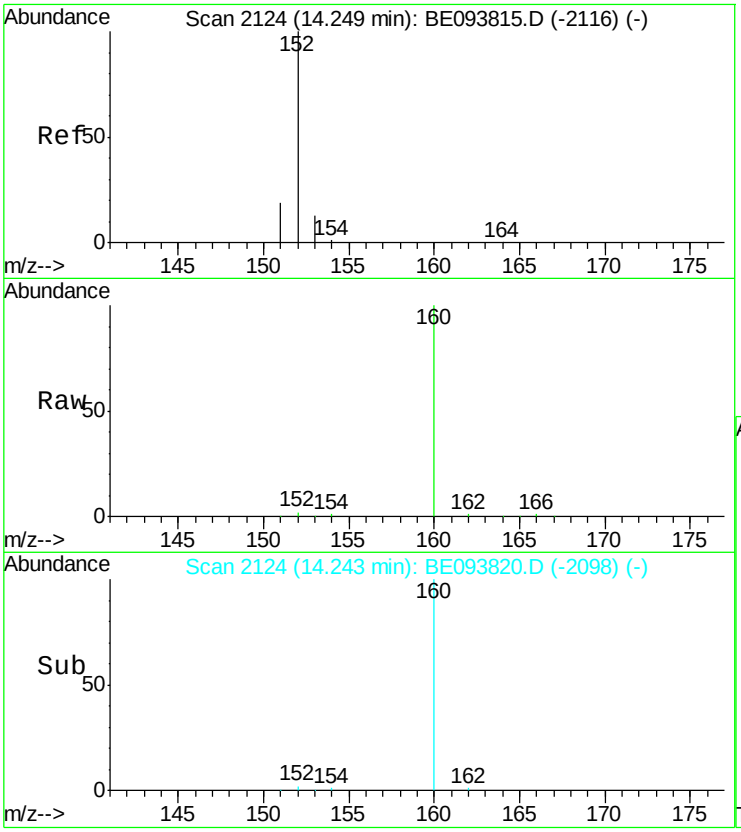


#5
2-Methylnaphthalene
Concen: 0.090 ng/ul
RT: 12.36 min Scan# 1751
Delta R.T. -0.00 min
Lab File: BE093820.D
Acq: 15 Aug 2017 22:52

Tgt Ion:142 Resp: 2245

Ion	Ratio	Lower	Upper
142	100		
141	89.4	72.6	108.8





#7
Acenaphthylene
Concen: 0.037 ng/ul
RT: 14.24 min Scan# 2124
Delta R.T. -0.01 min
Lab File: BE093820.D
Acq: 15 Aug 2017 22:52

Tgt Ion:152 Resp: 1307

Ion	Ratio	Lower	Upper
152	100		
151	27.4	17.1	25.7#
153	25.0	12.8	19.2#

Instrument :
BNA_E
ClientSampleId :
C0AJ2

Manual Integrations APPROVED
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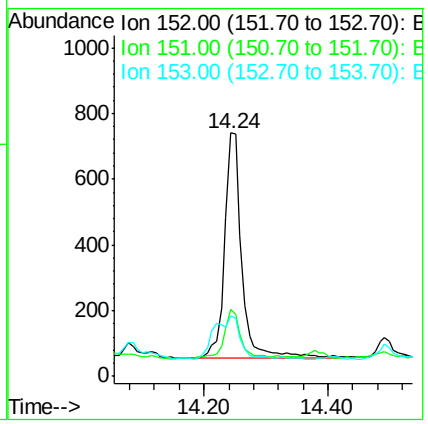
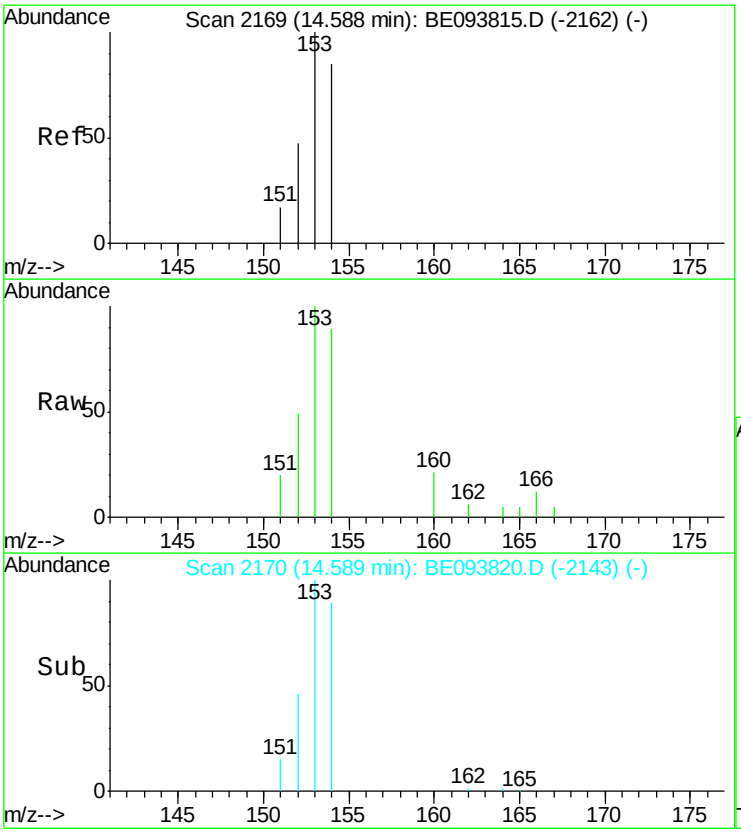
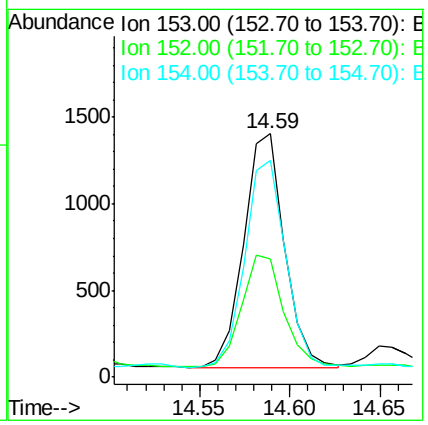


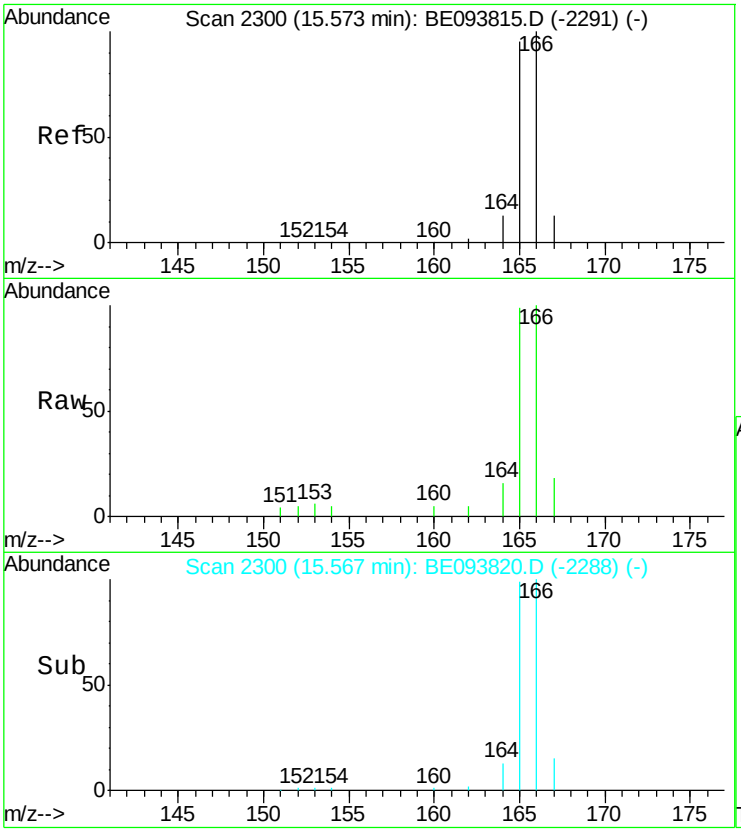


#8
Acenaphthene
Concen: 0.076 ng/ul
RT: 14.59 min Scan# 2170
Delta R.T. 0.00 min
Lab File: BE093820.D
Acq: 15 Aug 2017 22:52

Tgt Ion:153 Resp: 2129

Ion	Ratio	Lower	Upper
153	100		
152	48.6	40.3	60.5
154	89.1	71.4	107.2

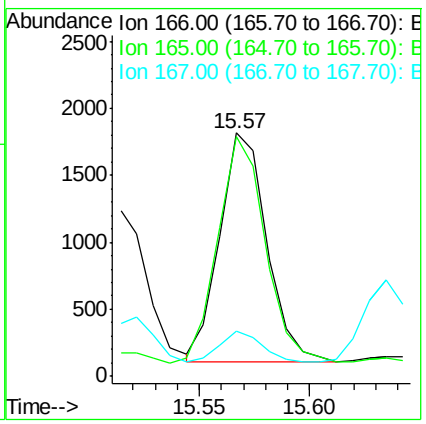




#9
Fluorene
Concen: 0.071 ng/ul
RT: 15.57 min Scan# 2300
Delta R.T. -0.01 min
Lab File: BE093820.D
Acq: 15 Aug 2017 22:52

Tgt Ion:166 Resp: 2518

Ion	Ratio	Lower	Upper
166	100		
165	98.7	73.4	110.2
167	18.4	14.6	22.0



Instrument :
BNA_E
ClientSampleId :
C0AJ2

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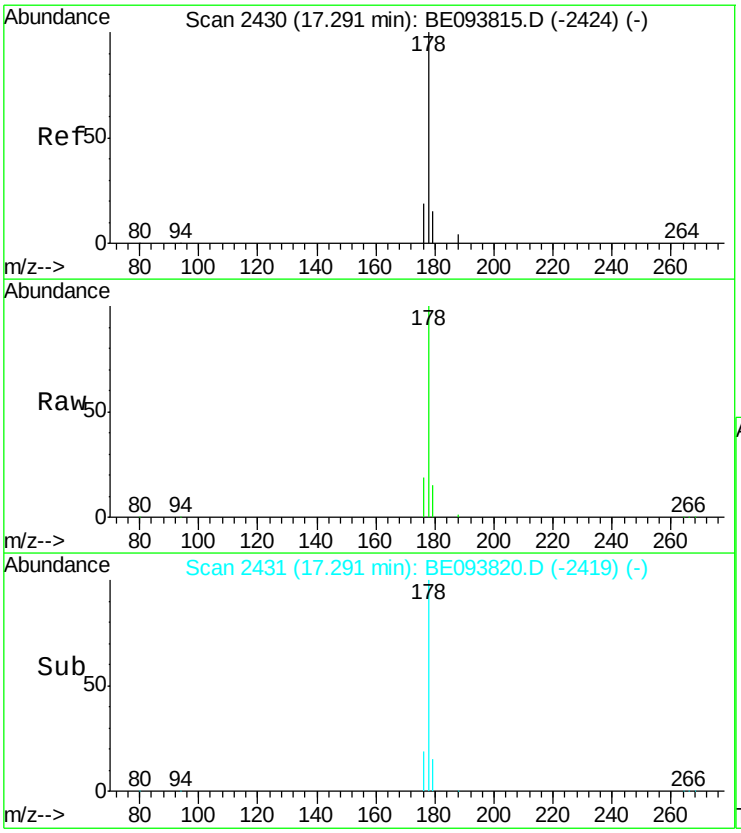
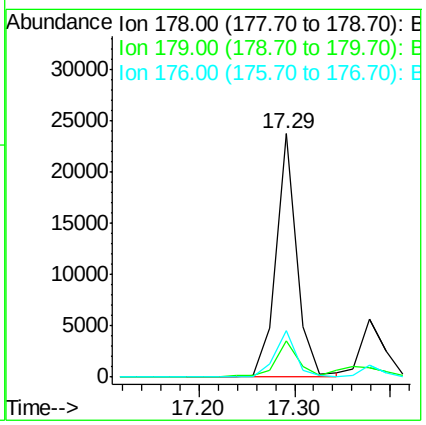
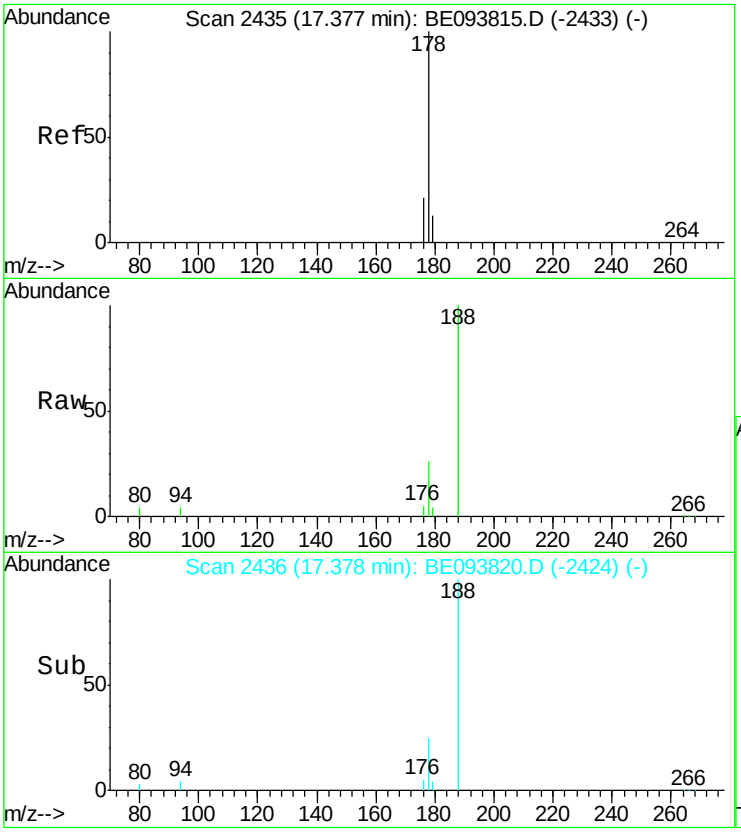


#12
Phenanthrene
Concen: 0.723 ng/ul
RT: 17.29 min Scan# 2431
Delta R.T. 0.00 min
Lab File: BE093820.D
Acq: 15 Aug 2017 22:52

Tgt Ion:178 Resp: 35066

Ion	Ratio	Lower	Upper
178	100		
179	15.1	18.4	27.6#
176	18.9	13.6	20.4





#13
Anthracene
Concen: 0.201 ng/ul
RT: 17.38 min Scan# 2436
Delta R.T. 0.00 min
Lab File: BE093820.D
Acq: 15 Aug 2017 22:52

Tgt Ion:178 Resp: 9489

Ion	Ratio	Lower	Upper
178	100		
179	16.6	18.1	27.1#
176	20.6	14.7	22.1

Instrument :
BNA_E
ClientSampleId :
C0AJ2

Manual Integrations APPROVED
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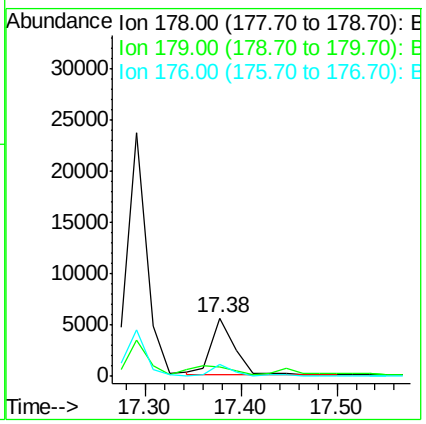
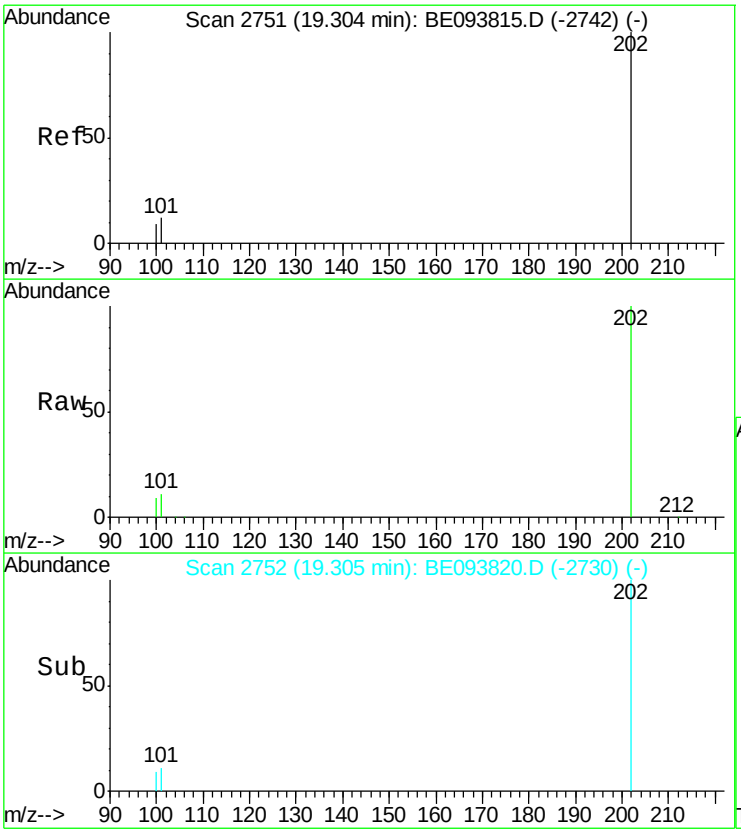
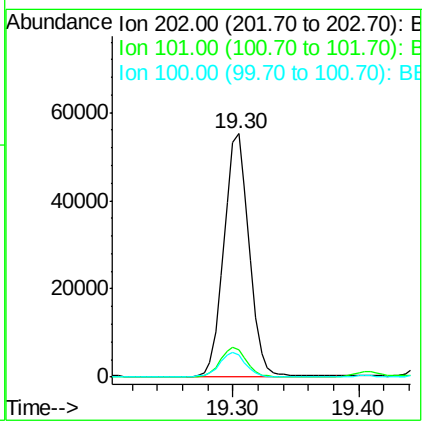


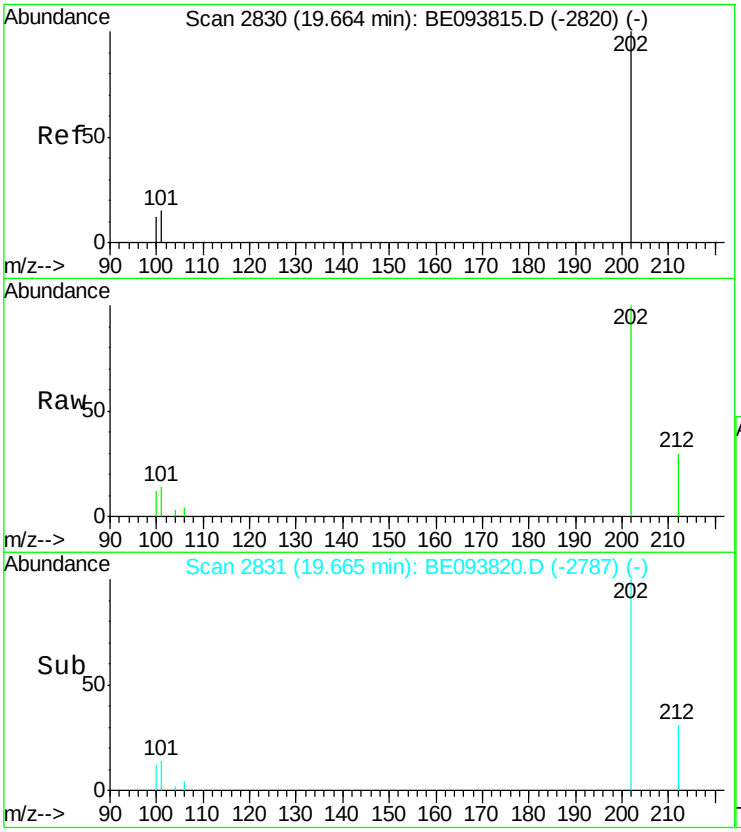


#15
Fluoranthene
Concen: 1.264 ng/ul
RT: 19.30 min Scan# 2752
Delta R.T. 0.00 min
Lab File: BE093820.D
Acq: 15 Aug 2017 22:52

Tgt Ion:202 Resp: 76674

Ion	Ratio	Lower	Upper
202	100		
101	11.2	0.0	30.3
100	8.9	0.0	39.5





#17
Pyrene
Concen: 1.334 ng/ul
RT: 19.66 min Scan# 2831
Delta R.T. 0.00 min
Lab File: BE093820.D
Acq: 15 Aug 2017 22:52

Tgt Ion:202 Resp: 71846

Ion	Ratio	Lower	Upper
202	100		
101	13.9	18.2	27.4#
100	12.1	15.6	23.4#

Instrument :
BNA_E
ClientSampleId :
C0AJ2

Manual Integrations APPROVED
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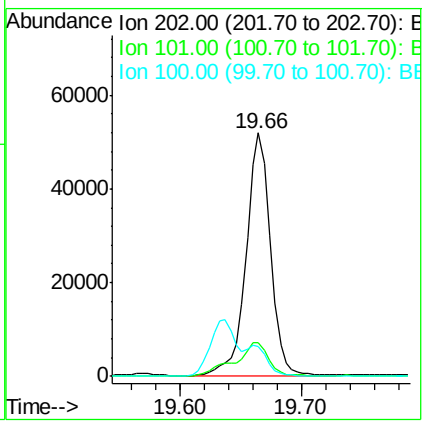
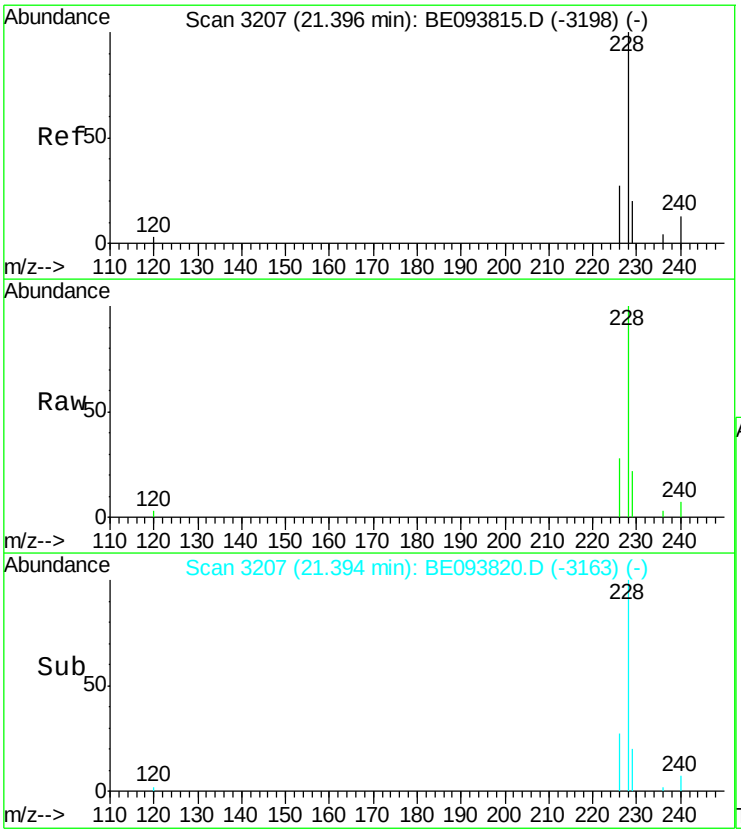
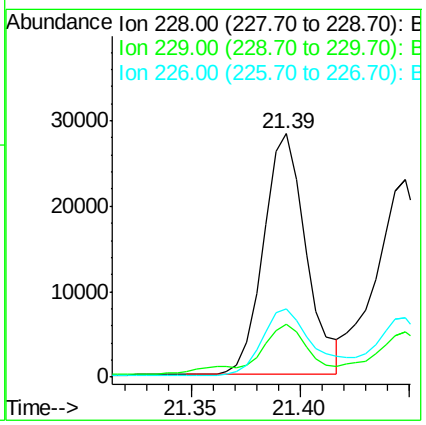


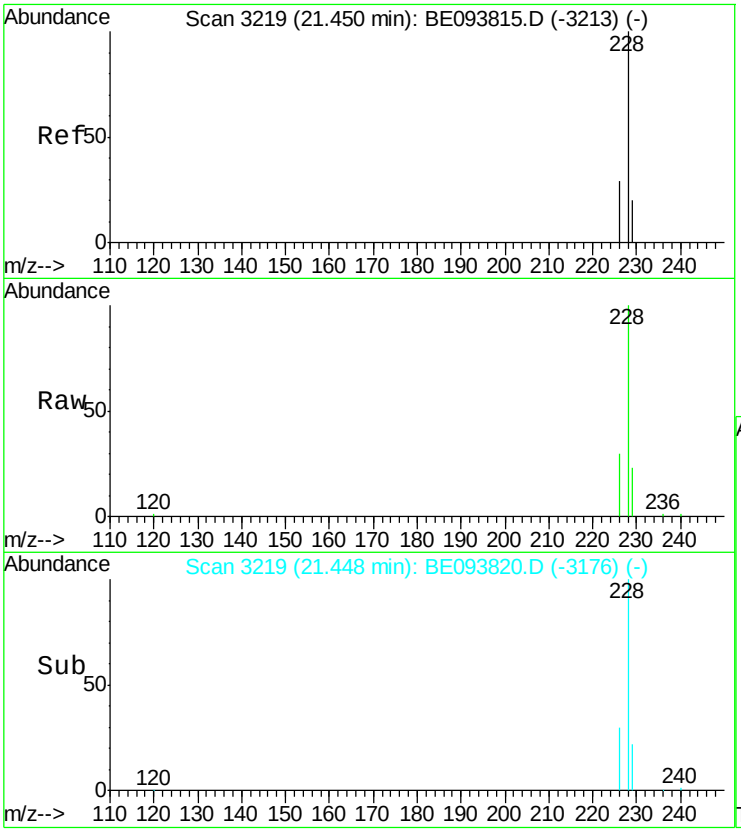


#18
Benzo(a)anthracene
Concen: 0.712 ng/ul
RT: 21.39 min Scan# 3207
Delta R.T. -0.00 min
Lab File: BE093820.D
Acq: 15 Aug 2017 22:52

Tgt Ion:228 Resp: 38115

Ion	Ratio	Lower	Upper
228	100		
229	21.7	22.8	34.2#
226	28.0	17.0	25.6#

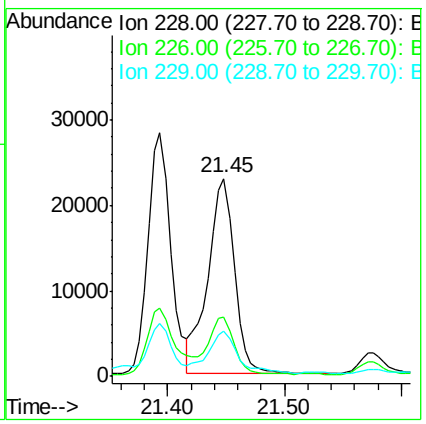




#19
Chrysene
Concen: 0.714 ng/ul
RT: 21.45 min Scan# 3219
Delta R.T. -0.00 min
Lab File: BE093820.D
Acq: 15 Aug 2017 22:52

Tgt Ion:228 Resp: 36646

Ion	Ratio	Lower	Upper
228	100		
226	30.0	23.4	35.0
229	22.8	17.7	26.5



Instrument :
BNA_E
ClientSampleId :
C0AJ2

Manual Integrations APPROVED
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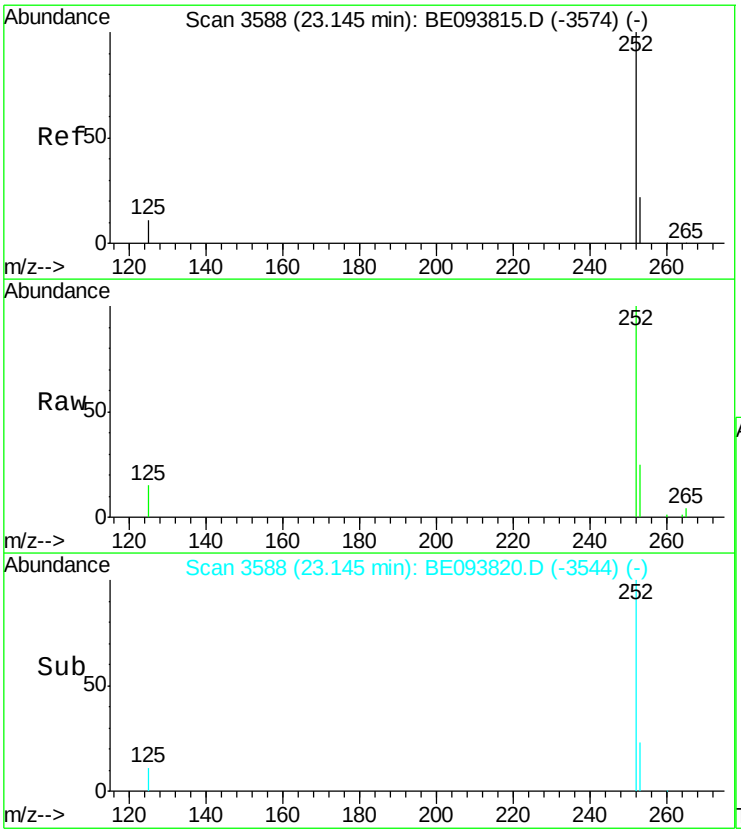
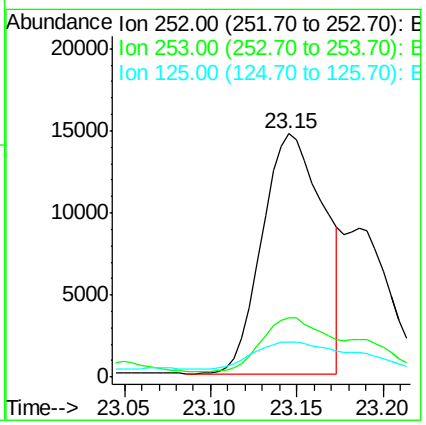
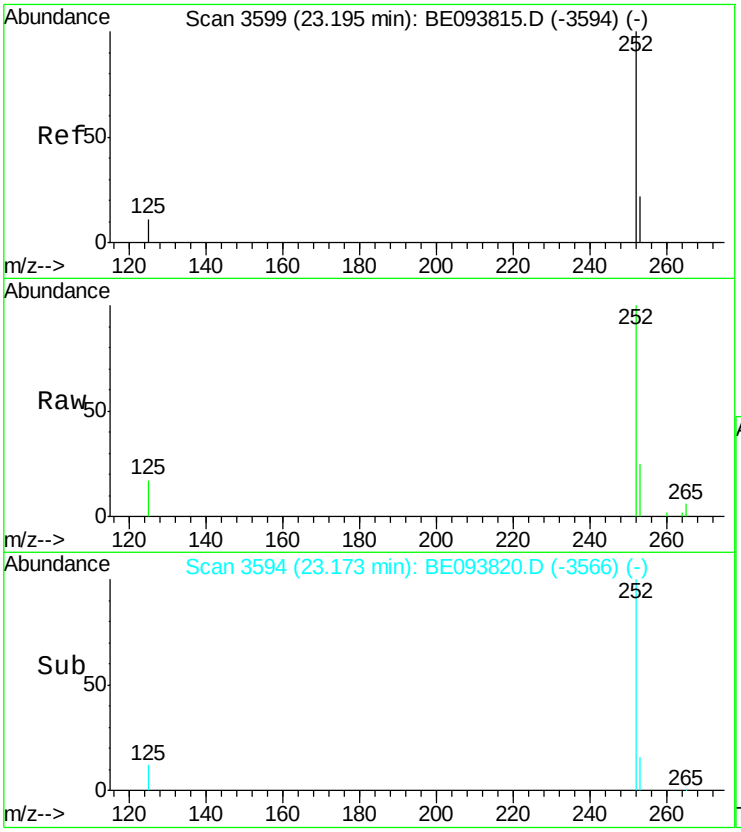


#21
Benzo(b)fluoranthene
Concen: 0.839 ng/ul
RT: 23.15 min Scan# 3588
Delta R.T. 0.00 min
Lab File: BE093820.D
Acq: 15 Aug 2017 22:52

Tgt Ion:252 Resp: 36274

Ion	Ratio	Lower	Upper
252	100		
253	24.5	0.0	64.2
125	14.6	0.0	35.0





#22
Benzo(k)fluoranthene
Concen: 0.400 ng/ul m
RT: 23.17 min Scan# 3594
Delta R.T. -0.02 min
Lab File: BE093820.D
Acq: 15 Aug 2017 22:52

Tgt Ion:252 Resp: 17079

Ion	Ratio	Lower	Upper
252	100		
253	25.3	24.5	36.7
125	17.2	13.7	20.5

Instrument :
BNA_E
ClientSampleId :
C0AJ2

Manual Integrations APPROVED
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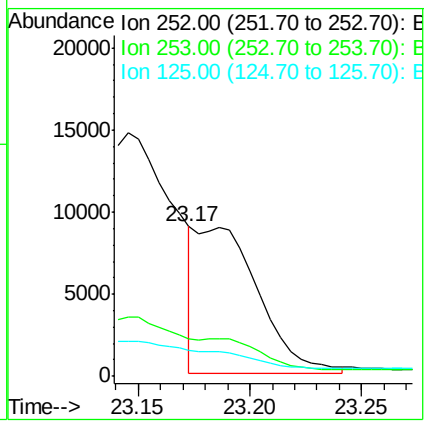
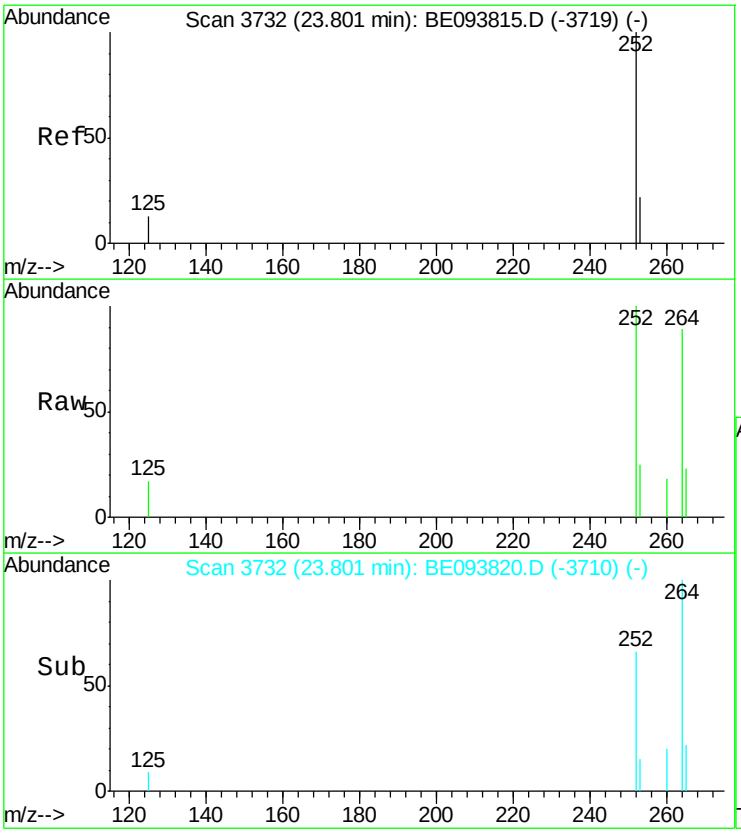
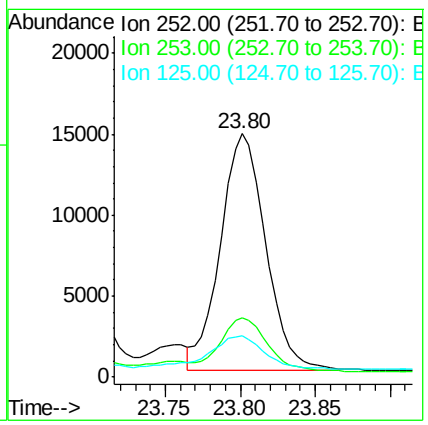


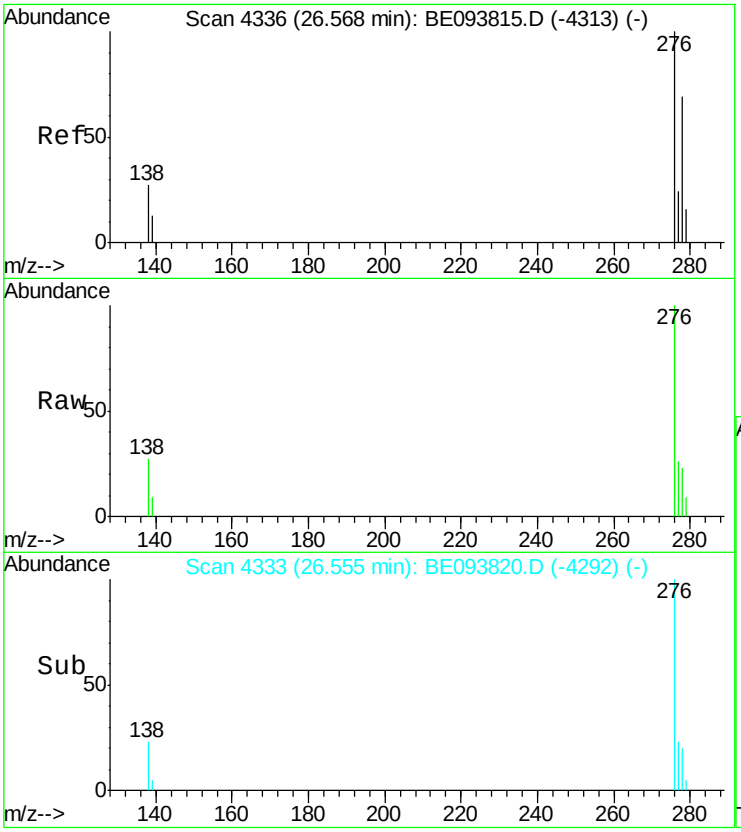


#23
Benzo(a)pyrene
Concen: 0.747 ng/ul m
RT: 23.80 min Scan# 3732
Delta R.T. 0.00 min
Lab File: BE093820.D
Acq: 15 Aug 2017 22:52

Tgt Ion:252 Resp: 30714

Ion	Ratio	Lower	Upper
252	100		
253	24.5	28.5	42.7#
125	16.8	18.1	27.1#





#24
Indeno(1,2,3-cd)pyrene
Concen: 0.324 ng/ul m
RT: 26.55 min Scan# 4333
Delta R.T. -0.01 min
Lab File: BE093820.D
Acq: 15 Aug 2017 22:52

Instrument :
BNA_E
ClientSampleId :
C0AJ2

Manual Integrations APPROVED
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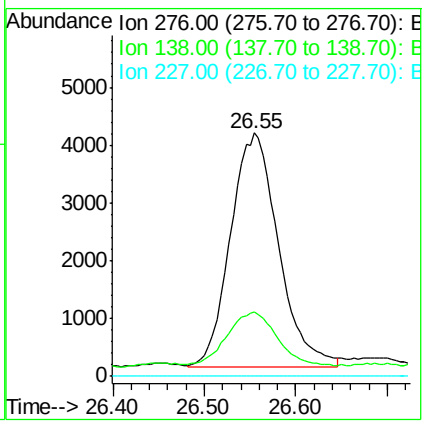
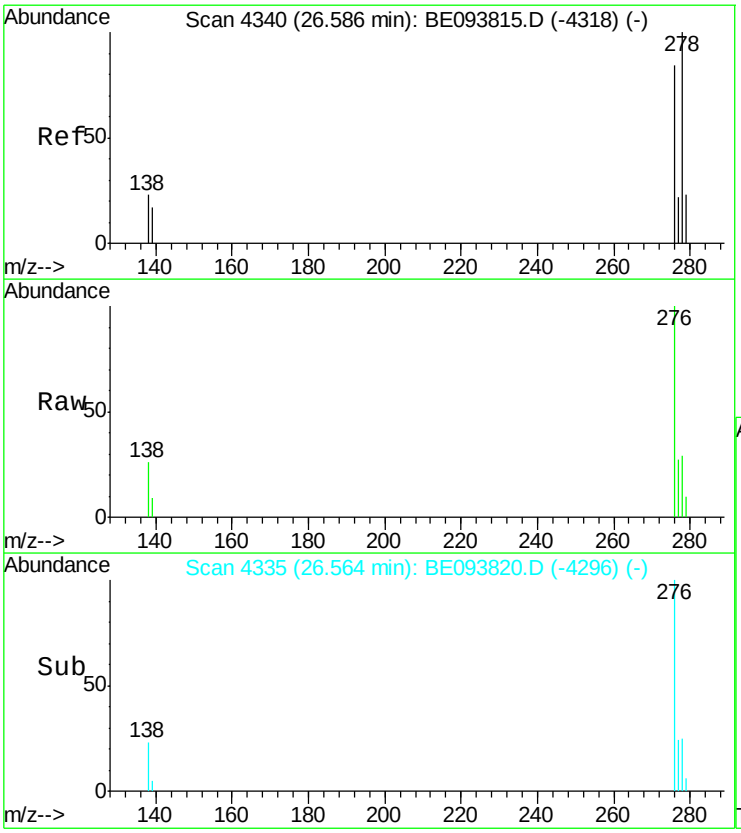
Tgt Ion:276 Resp: 14726

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

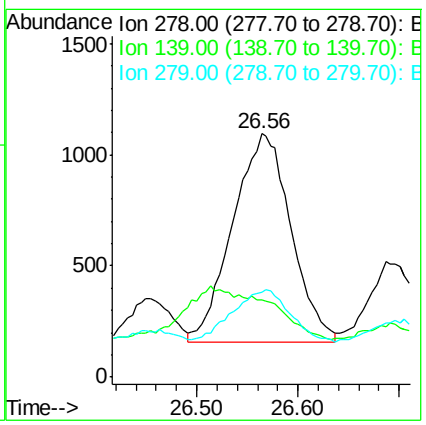


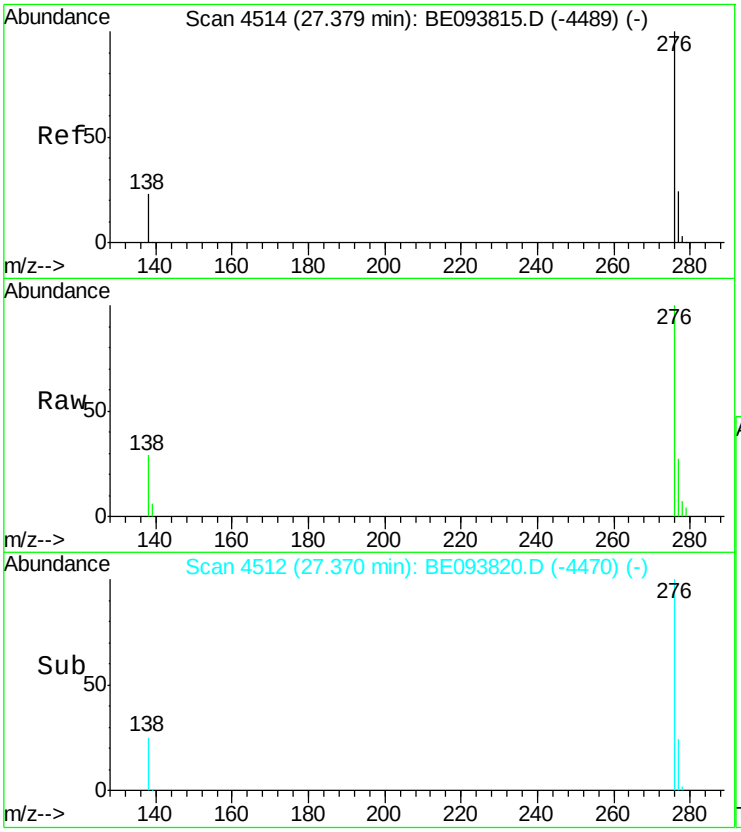


#25
Dibenzo(a,h)anthracene
Concen: 0.099 ng/ul m
RT: 26.56 min Scan# 4335
Delta R.T. -0.02 min
Lab File: BE093820.D
Acq: 15 Aug 2017 22:52

Tgt Ion:278 Resp: 3771

Ion	Ratio	Lower	Upper
278	100		
139	31.8	17.4	26.0#
279	35.0	25.9	38.9

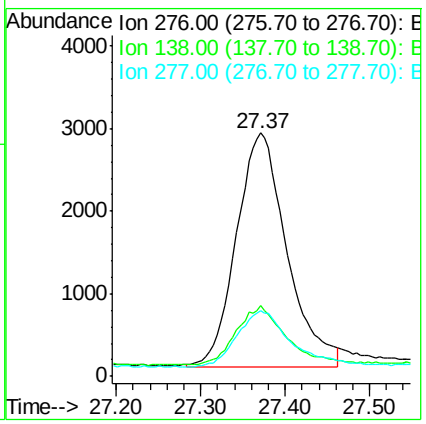




#26
Benzo(g,h,i)perylene
Concen: 0.304 ng/ul m
RT: 27.37 min Scan# 4512
Delta R.T. -0.01 min
Lab File: BE093820.D
Acq: 15 Aug 2017 22:52

Tgt Ion:276 Resp: 11650

Ion	Ratio	Lower	Upper
276	100		
138	28.8	21.8	32.8
277	26.9	20.5	30.7



Instrument :
BNA_E
ClientSampleId :
C0AJ2

Manual Integrations APPROVED
Sohil
8/16/2017 6:50:01 PM