Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE061317\
Data File : BE093150.D
Acq On : 14 Jun 2017 3:03
Operator : SJ/MA
Sample : I3558-11
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
F5C65

Manual Integrations APPROVED
mohammad
6/14/2017 2:59:52 PM

Quant Time: Jun 14 09:09:33 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 14 08:39:04 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	5356	0.40	ng/ul	0.00
2) Naphthalene-d8	10.52	136	26362	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.37	164	16005	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.10	188	38548	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	40515	0.40	ng/ul	0.00
20) Perylene-d12	23.66	264	34470m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.11	152	9382	0.24	ng/ul	0.00
14) Fluoranthene-d10	19.13	212	25423	0.24	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.57	128	9277	0.142	ng/ul#	93
5) 2-Methylnaphthalene	12.19	142	3047	0.068	ng/ul	98
8) Acenaphthene	14.43	153	7422	0.134	ng/ul	97
9) Fluorene	15.42	166	12486	0.192	ng/ul	92
12) Phenanthrene	17.13	178	38919	0.367	ng/ul#	86
13) Anthracene	17.22	178	8098	0.088	ng/ul#	94
15) Fluoranthene	19.15	202	25723	0.198	ng/ul	84
17) Pyrene	19.52	202	23305	0.195	ng/ul#	85
18) Benzo(a)anthracene	21.24	228	3684	0.034	ng/ul#	86
19) Chrysene	21.29	228	3505	0.031	ng/ul	96

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

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ClientSampleId :
F5C65

Manual Integrations APPROVED
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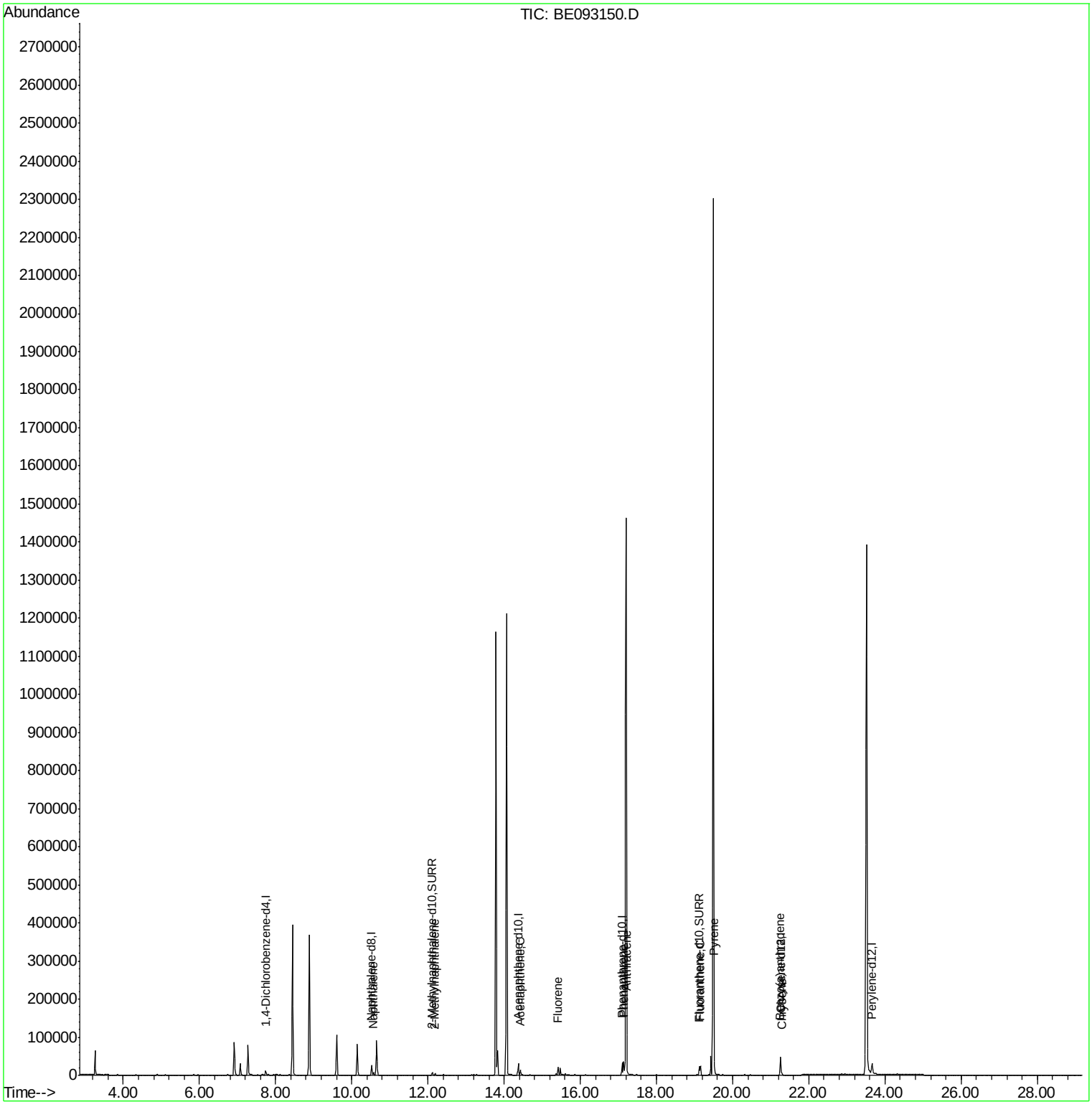

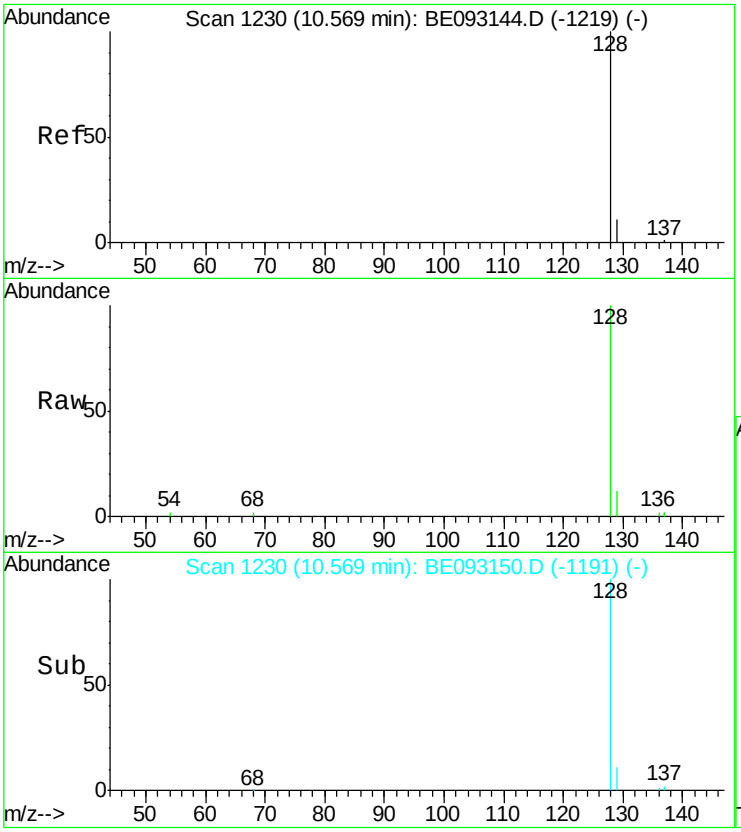

#3
Naphthalene
Concen: 0.142 ng/ul
RT: 10.57 min Scan# 1230
Delta R.T. -0.00 min
Lab File: BE093150.D
Acq: 14 Jun 2017 3:03

Tgt Ion:128 Resp: 9277

Ion	Ratio	Lower	Upper
128	100		
129	12.4	11.3	16.9
127	0.0	4.0	6.0#

Instrument :
BNA_E
ClientSampleId :
F5C65

Manual Integrations APPROVED
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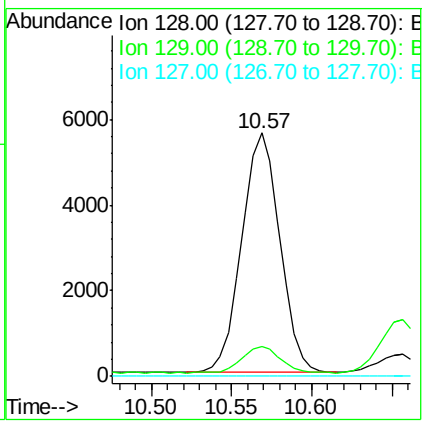
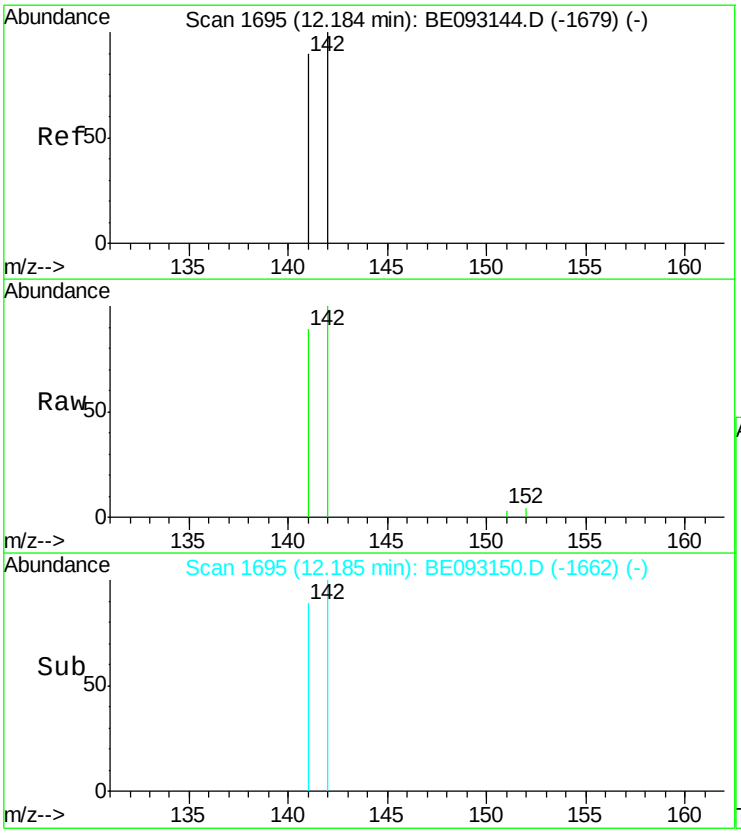
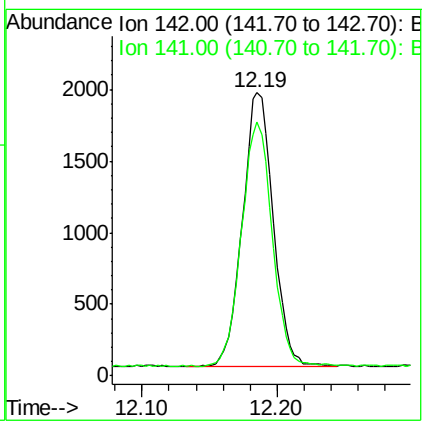


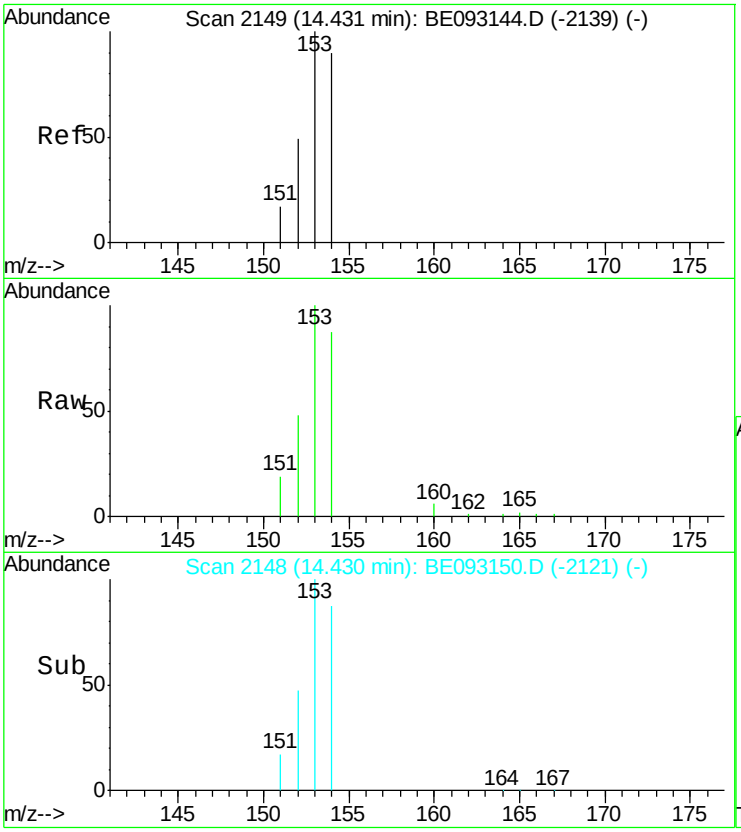


#5
2-Methylnaphthalene
Concen: 0.068 ng/ul
RT: 12.19 min Scan# 1695
Delta R.T. 0.00 min
Lab File: BE093150.D
Acq: 14 Jun 2017 3:03

Tgt Ion:142 Resp: 3047

Ion	Ratio	Lower	Upper
142	100		
141	88.8	72.6	108.8

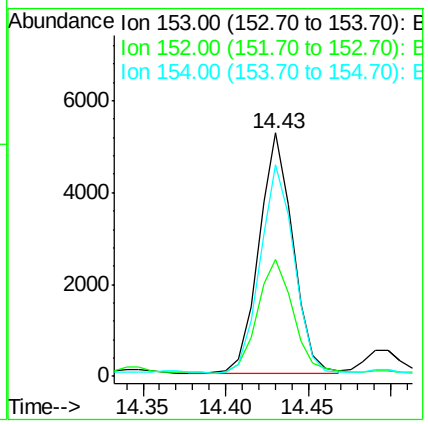




#8
Acenaphthene
Concen: 0.134 ng/ul
RT: 14.43 min Scan# 2148
Delta R.T. -0.00 min
Lab File: BE093150.D
Acq: 14 Jun 2017 3:03

Tgt Ion:153 Resp: 7422

Ion	Ratio	Lower	Upper
153	100		
152	47.9	40.3	60.5
154	86.8	71.4	107.2



Instrument :
BNA_E
ClientSampleId :
F5C65

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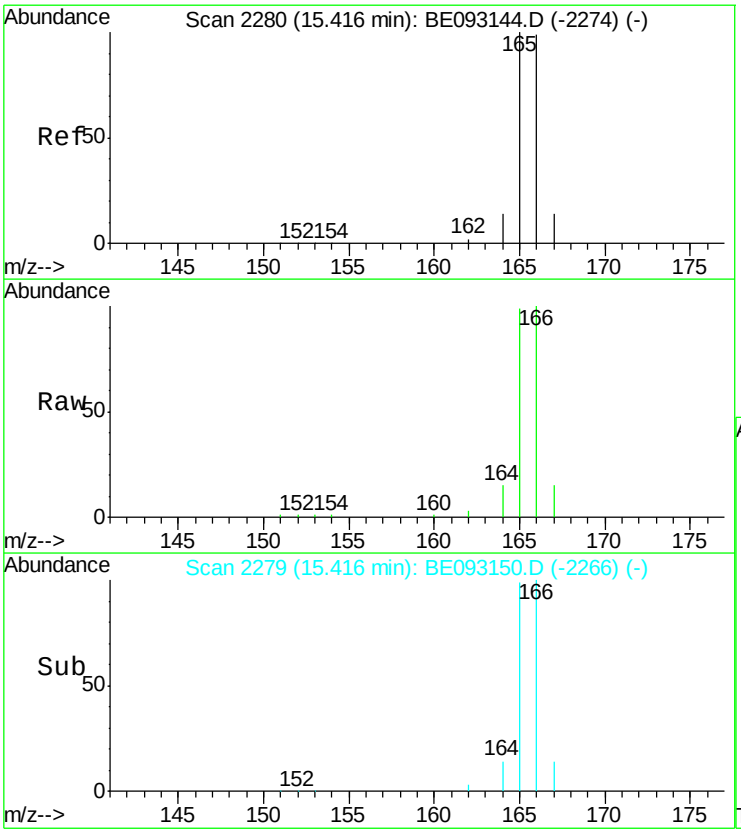
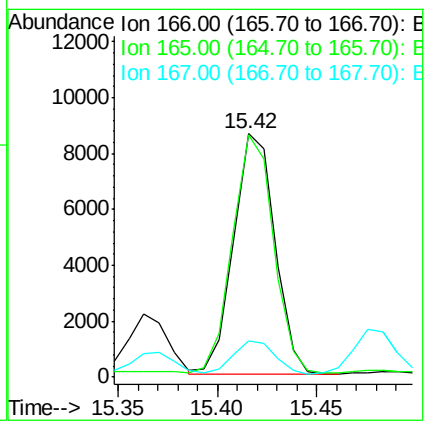
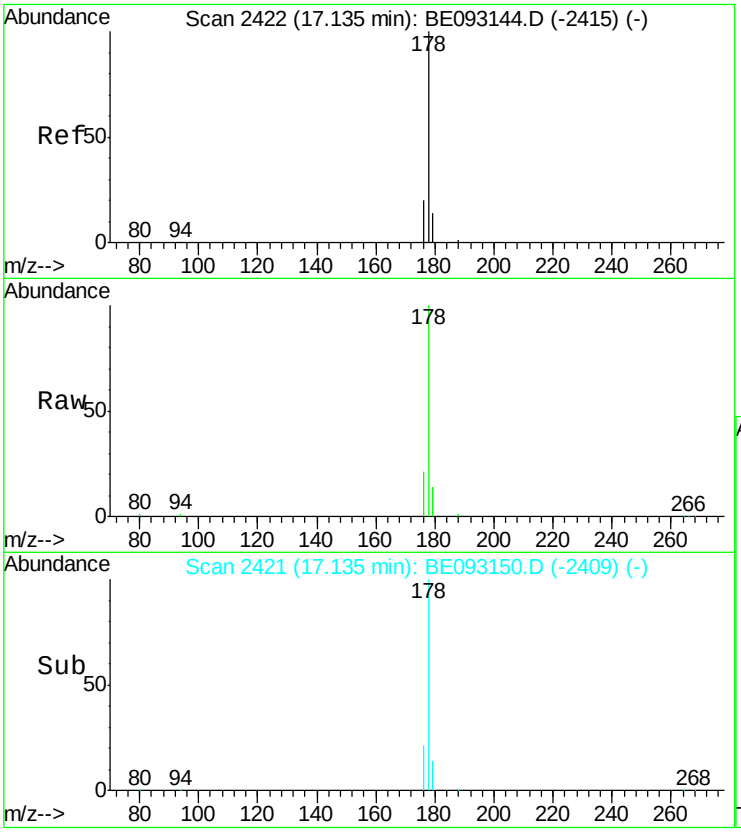


#9
Fluorene
Concen: 0.192 ng/ul
RT: 15.42 min Scan# 2279
Delta R.T. -0.00 min
Lab File: BE093150.D
Acq: 14 Jun 2017 3:03

Tgt Ion:166 Resp: 12486

Ion	Ratio	Lower	Upper
166	100		
165	99.4	73.4	110.2
167	15.0	14.6	22.0

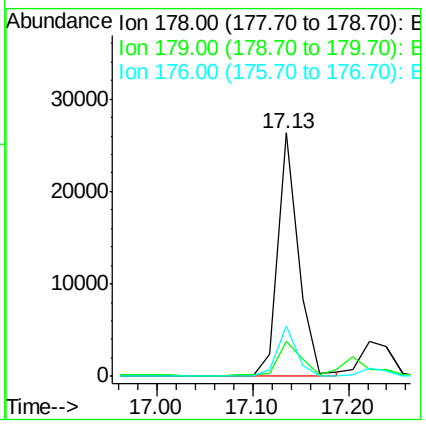




#12
Phenanthrene
Concen: 0.367 ng/ul
RT: 17.13 min Scan# 2421
Delta R.T. -0.00 min
Lab File: BE093150.D
Acq: 14 Jun 2017 3:03

Tgt Ion:178 Resp: 38919

Ion	Ratio	Lower	Upper
178	100		
179	14.3	18.4	27.6#
176	20.8	13.6	20.4#



Instrument :
BNA_E
ClientSampleId :
F5C65

Manual Integrations APPROVED
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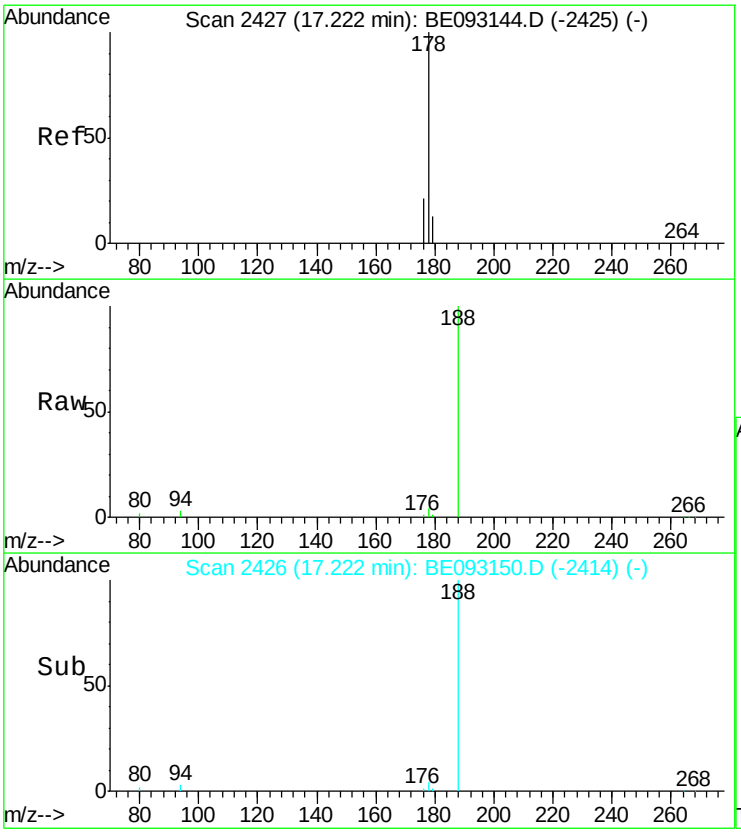
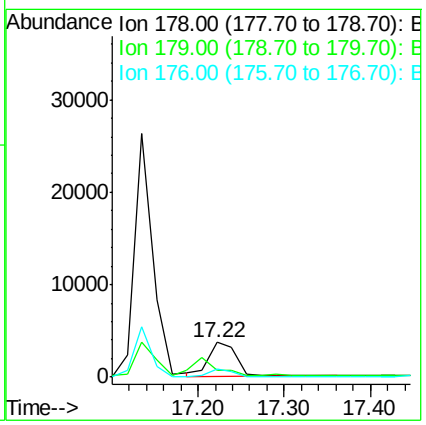
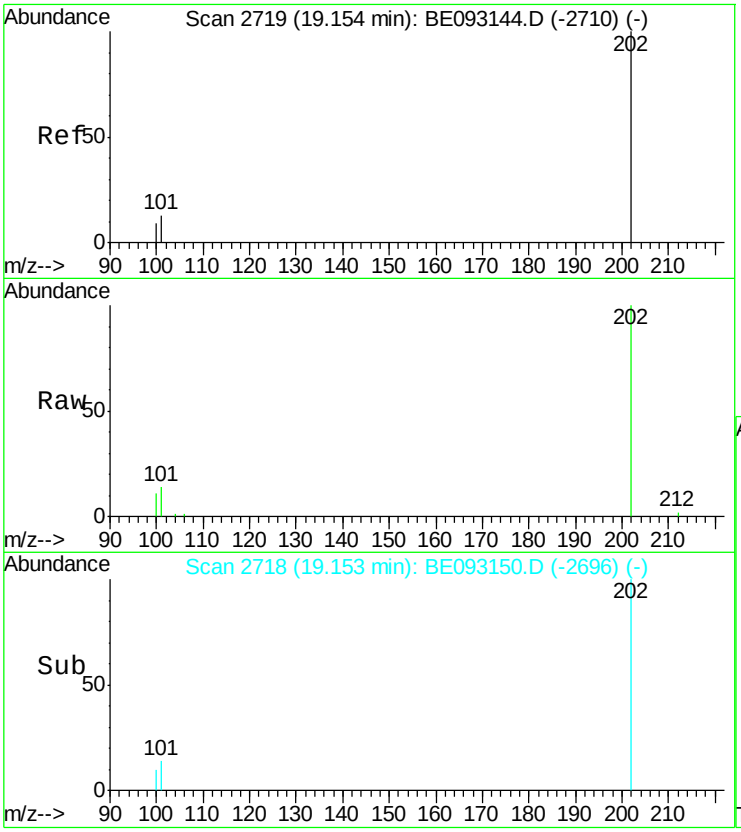


#13
Anthracene
Concen: 0.088 ng/ul
RT: 17.22 min Scan# 2426
Delta R.T. -0.00 min
Lab File: BE093150.D
Acq: 14 Jun 2017 3:03

Tgt Ion:178 Resp: 8098

Ion	Ratio	Lower	Upper
178	100		
179	21.3	18.1	27.1
176	23.3	14.7	22.1#

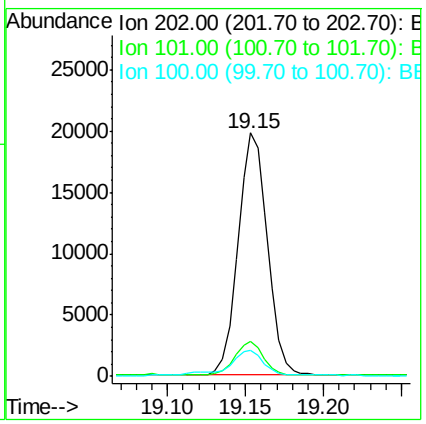




#15
Fluoranthene
Concen: 0.198 ng/ul
RT: 19.15 min Scan# 2718
Delta R.T. -0.00 min
Lab File: BE093150.D
Acq: 14 Jun 2017 3:03

Tgt Ion:202 Resp: 25723

Ion	Ratio	Lower	Upper
202	100		
101	14.2	0.0	30.3
100	10.5	0.0	39.5



Instrument :
BNA_E
ClientSampleId :
F5C65

Manual Integrations APPROVED
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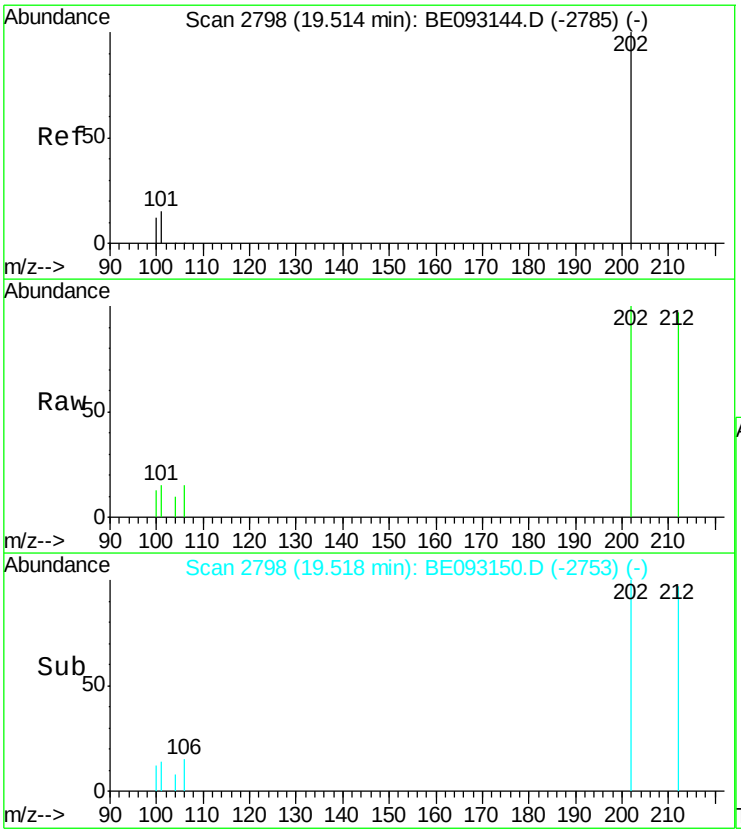
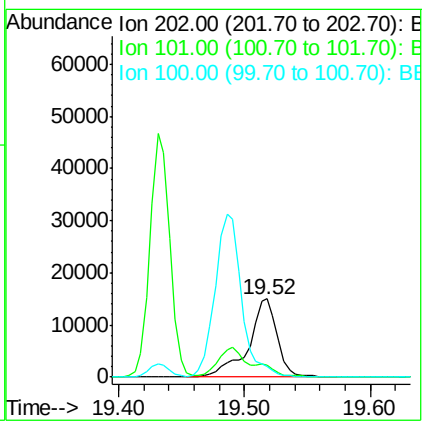
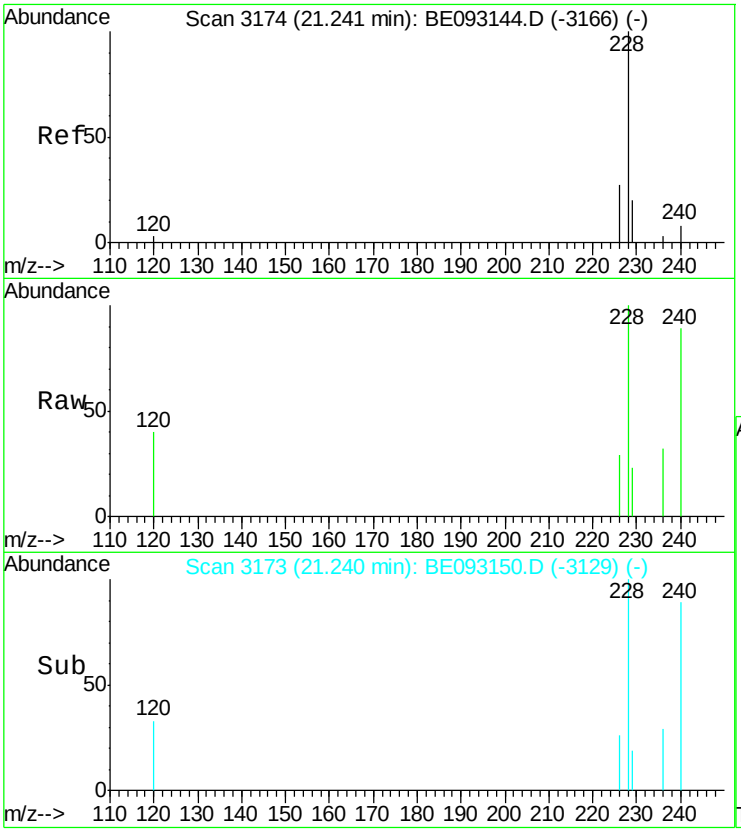


#17
Pyrene
Concen: 0.195 ng/ul
RT: 19.52 min Scan# 2798
Delta R.T. 0.00 min
Lab File: BE093150.D
Acq: 14 Jun 2017 3:03

Tgt Ion:202 Resp: 23305

Ion	Ratio	Lower	Upper
202	100		
101	14.9	18.2	27.4#
100	12.9	15.6	23.4#





#18
Benzo(a)anthracene
Concen: 0.034 ng/ul
RT: 21.24 min Scan# 3173
Delta R.T. -0.00 min
Lab File: BE093150.D
Acq: 14 Jun 2017 3:03

Instrument :
BNA_E
ClientSampleId :
F5C65

Manual Integrations APPROVED
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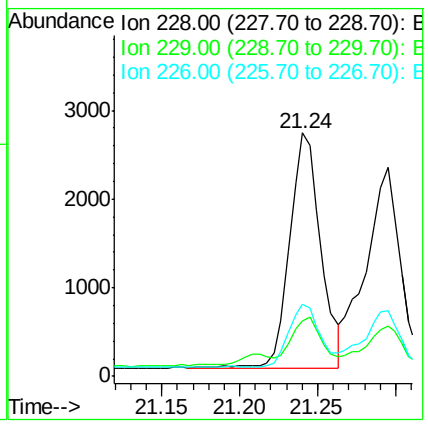
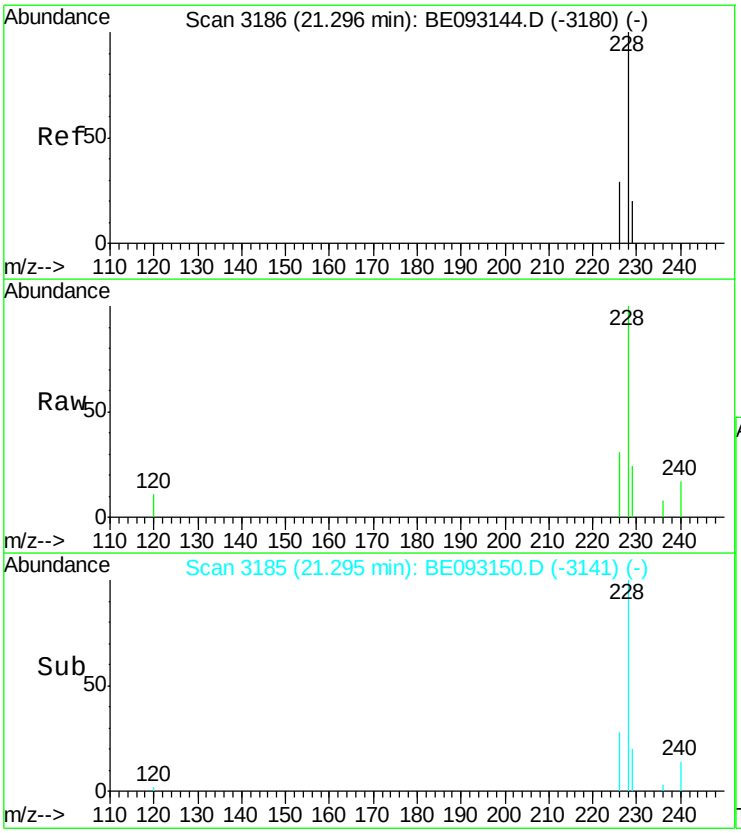
6/14/2017 2:59:52 PM

Tgt Ion:228 Resp: 3684

Ion	Ratio	Lower	Upper
228	100		
229	22.5	22.8	34.2#
226	29.4	17.0	25.6#





#19
Chrysene
Concen: 0.031 ng/ul
RT: 21.29 min Scan# 3185
Delta R.T. -0.00 min
Lab File: BE093150.D
Acq: 14 Jun 2017 3:03

Tgt Ion:228 Resp: 3505

Ion	Ratio	Lower	Upper
228	100		
226	31.4	23.4	35.0
229	24.0	17.7	26.5