Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE061917\
Data File : BE093269.D
Acq On : 20 Jun 2017 2:34
Operator : SJ/MA
Sample : I3599-05
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : F5A81

Manual Integrations APPROVED
mohammad
6/20/2017 3:13:26 PM

Quant Time: Jun 20 09:30:01 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 20 08:49:11 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	2507	0.40	ng/ul	0.00
2) Naphthalene-d8	10.52	136	12971	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.36	164	8050	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.10	188	19647	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	21547	0.40	ng/ul	0.00
20) Perylene-d12	23.66	264	21694	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.11	152	3208	0.17	ng/ul	0.00
14) Fluoranthene-d10	19.12	212	9023	0.17	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.56	128	5206	0.162	ng/ul#	93
5) 2-Methylnaphthalene	12.18	142	1227	0.056	ng/ul	98
7) Acenaphthylene	14.08	152	28309	0.819	ng/ul	96
8) Acenaphthene	14.42	153	1228	0.044	ng/ul	92
9) Fluorene	15.42	166	1210	0.037	ng/ul#	92
12) Phenanthrene	17.13	178	27094	0.501	ng/ul#	89
13) Anthracene	17.22	178	33031	0.702	ng/ul#	88
15) Fluoranthene	19.15	202	192798	2.908	ng/ul	84
17) Pyrene	19.51	202	229397	3.610	ng/ul#	87
18) Benzo(a)anthracene	21.24	228	147529	2.567	ng/ul#	84
19) Chrysene	21.29	228	162018	2.717	ng/ul	98
21) Benzo(b)fluoranthene	22.93	252	304755m	4.629	ng/ul	
22) Benzo(k)fluoranthene	22.97	252	101101m	1.446	ng/ul	
23) Benzo(a)pyrene	23.56	252	145699	2.341	ng/ul#	81
24) Indeno(1,2,3-cd)pyrene	26.18	276	103290	1.433	ng/ul#	87
25) Dibenzo(a,h)anthracene	26.19	278	28395m	0.468	ng/ul	
26) Benzo(g,h,i)perylene	26.96	276	79774	1.291	ng/ul	97

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE061917\
Data File : BE093269.D
Acq On : 20 Jun 2017 2:34
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Misc :
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Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
F5A81

Manual Integrations APPROVED
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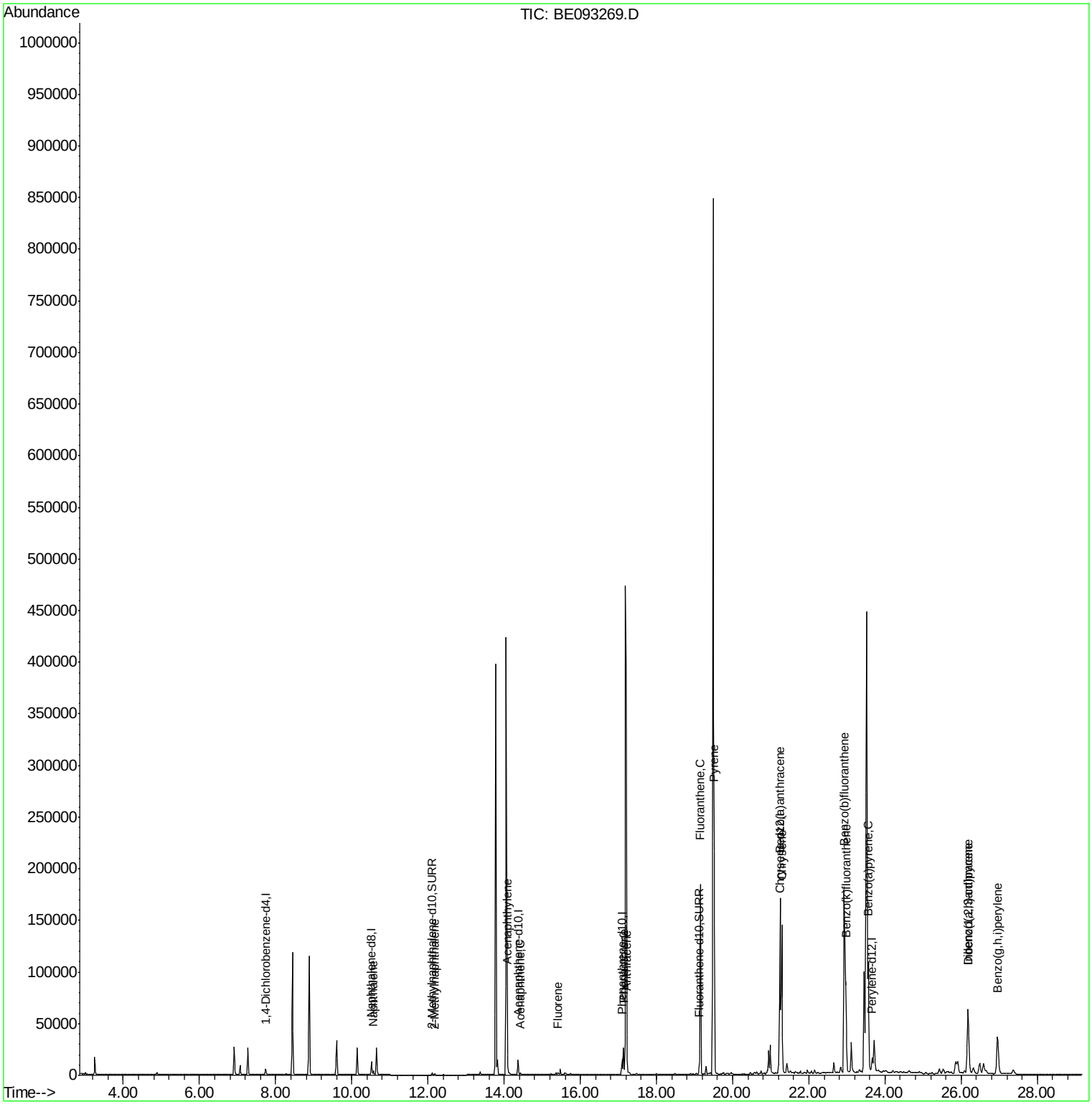

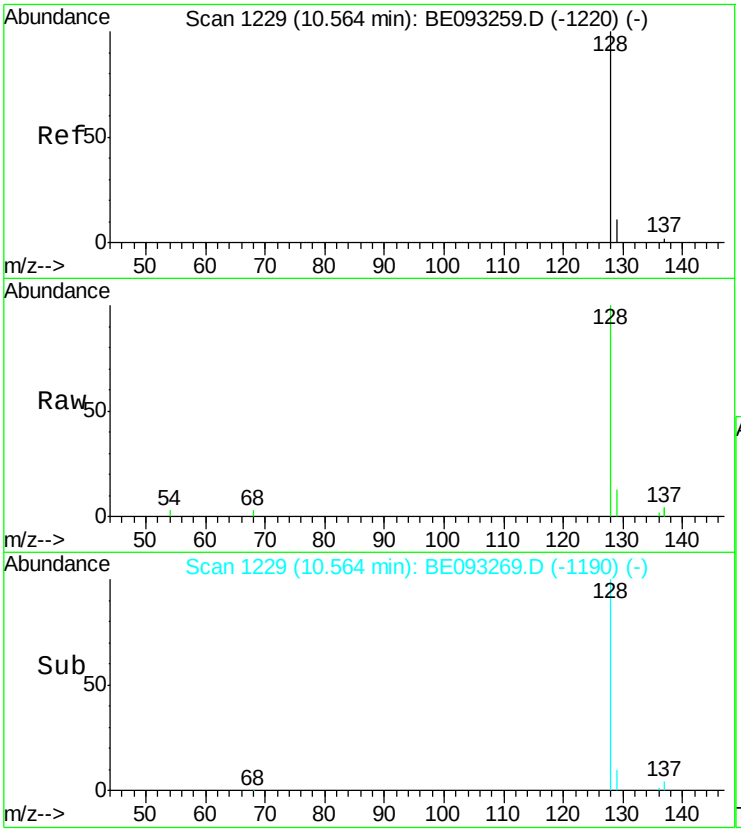

#3
Naphthalene
Concen: 0.162 ng/ul
RT: 10.56 min Scan# 1229
Delta R.T. -0.00 min
Lab File: BE093269.D
Acq: 20 Jun 2017 2:34

Tgt Ion:128 Resp: 5206

Ion	Ratio	Lower	Upper
128	100		
129	12.5	11.3	16.9
127	0.0	4.0	6.0#

Instrument :
BNA_E
ClientSampleId :
F5A81

Manual Integrations APPROVED
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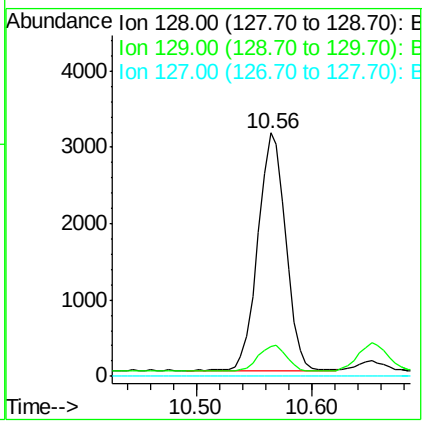
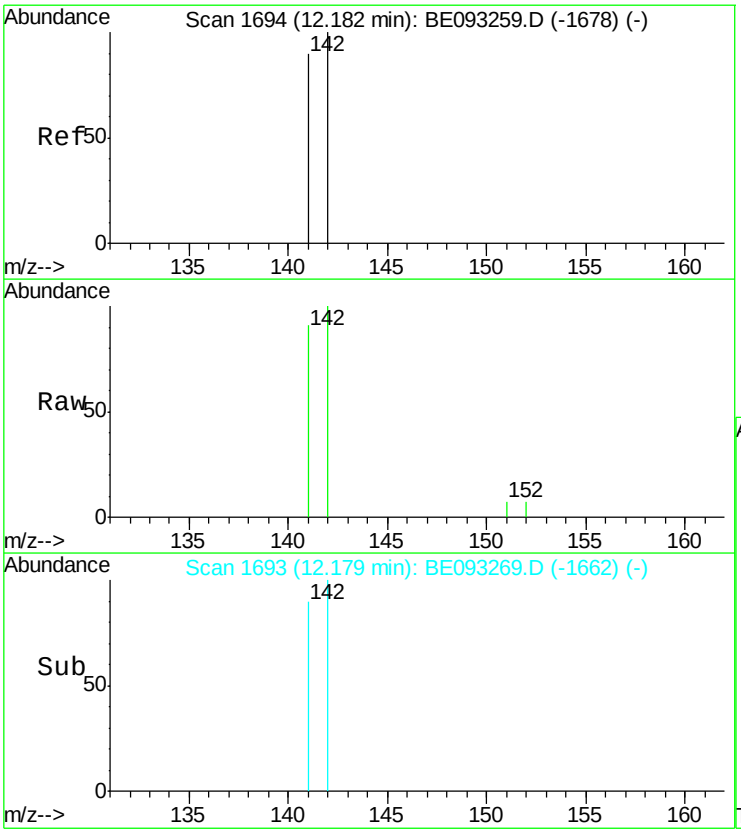
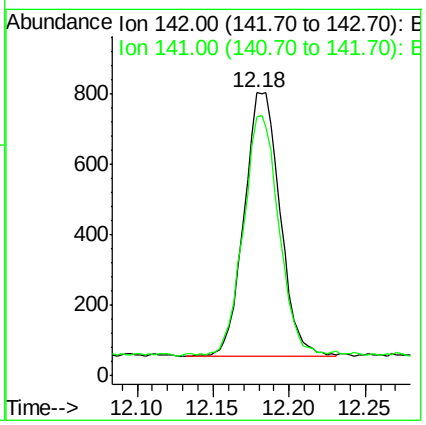


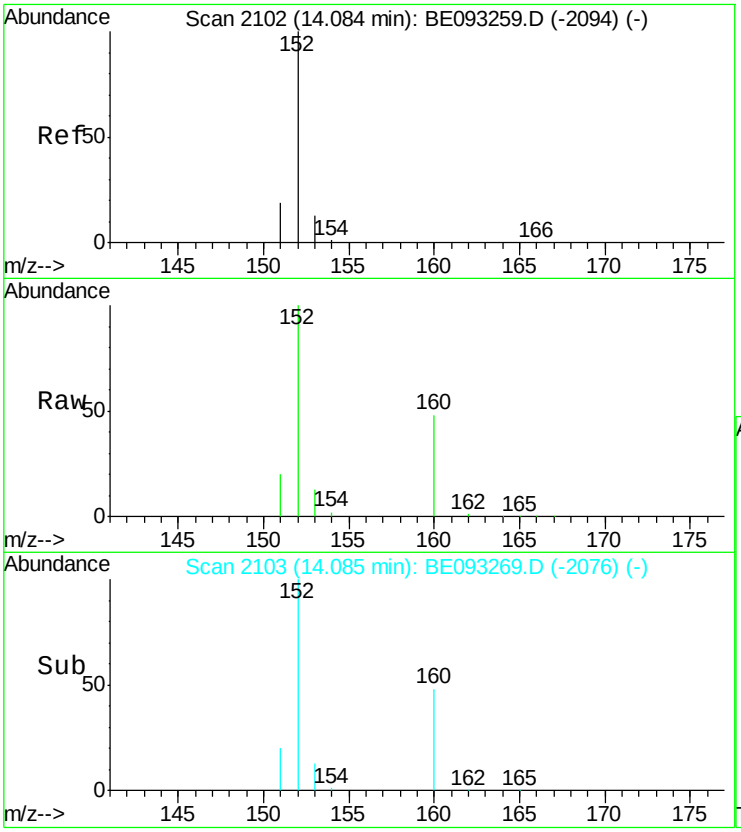


#5
2-Methylnaphthalene
Concen: 0.056 ng/ul
RT: 12.18 min Scan# 1693
Delta R.T. -0.00 min
Lab File: BE093269.D
Acq: 20 Jun 2017 2:34

Tgt Ion:142 Resp: 1227

Ion	Ratio	Lower	Upper
142	100		
141	89.1	72.6	108.8





#7
Acenaphthylene
Concen: 0.819 ng/ul
RT: 14.08 min Scan# 2103
Delta R.T. 0.00 min
Lab File: BE093269.D
Acq: 20 Jun 2017 2:34

Tgt Ion:152 Resp: 28309

Ion	Ratio	Lower	Upper
152	100		
151	19.9	17.1	25.7
153	13.4	12.8	19.2

Instrument :
BNA_E
ClientSampleId :
F5A81

Manual Integrations APPROVED
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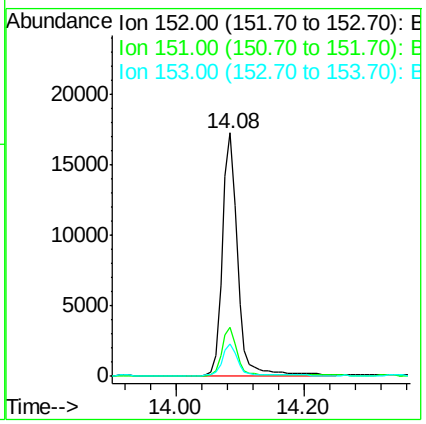
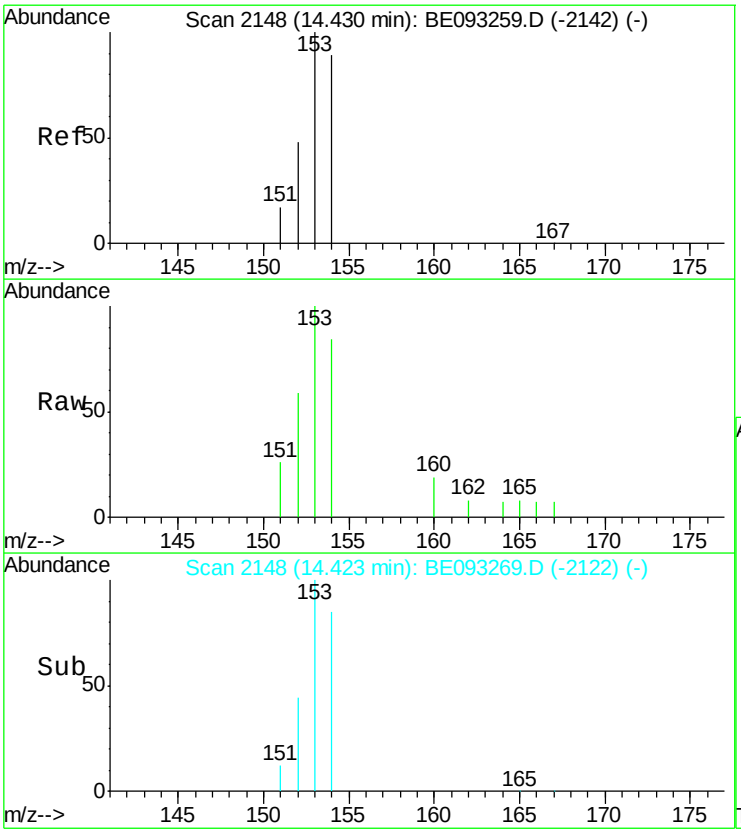
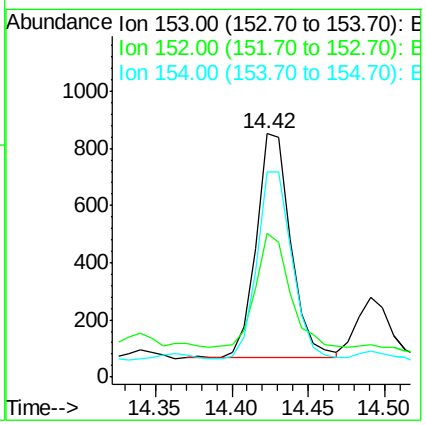


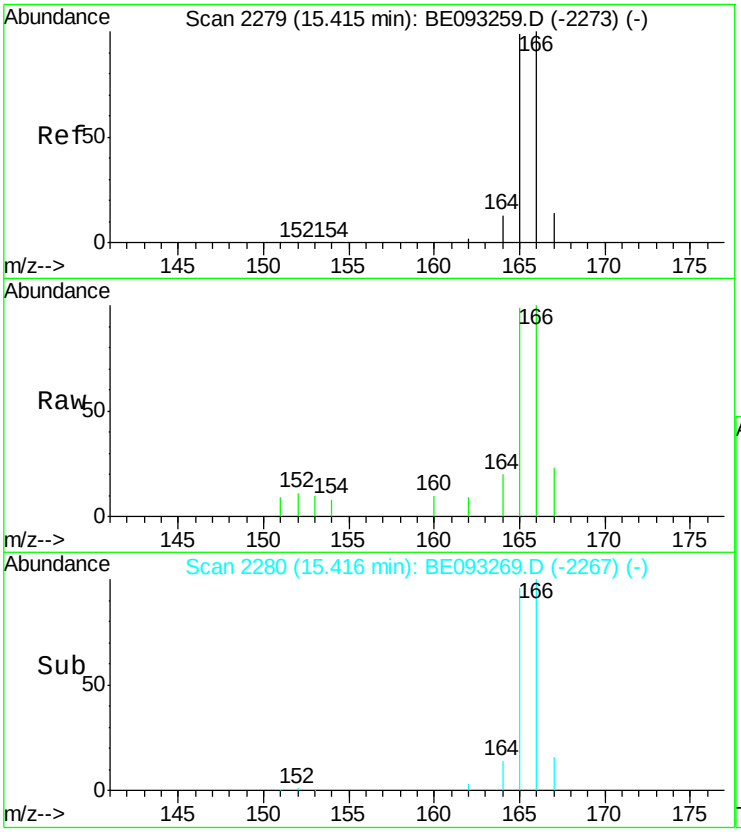


#8
Acenaphthene
Concen: 0.044 ng/ul
RT: 14.42 min Scan# 2148
Delta R.T. -0.01 min
Lab File: BE093269.D
Acq: 20 Jun 2017 2:34

Tgt Ion:153 Resp: 1228

Ion	Ratio	Lower	Upper
153	100		
152	59.2	40.3	60.5
154	84.0	71.4	107.2

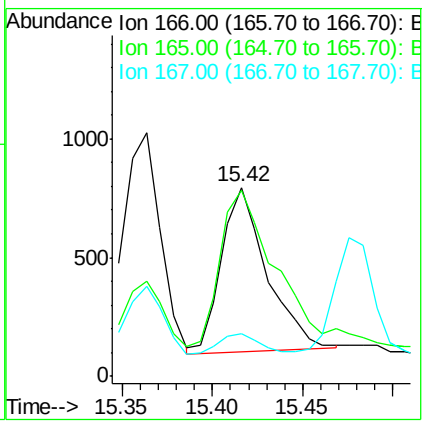




#9
Fluorene
Concen: 0.037 ng/ul
RT: 15.42 min Scan# 2280
Delta R.T. 0.00 min
Lab File: BE093269.D
Acq: 20 Jun 2017 2:34

Tgt Ion:166 Resp: 1210

Ion	Ratio	Lower	Upper
166	100		
165	98.6	73.4	110.2
167	22.8	14.6	22.0#



Instrument :
BNA_E
ClientSampleId :
F5A81

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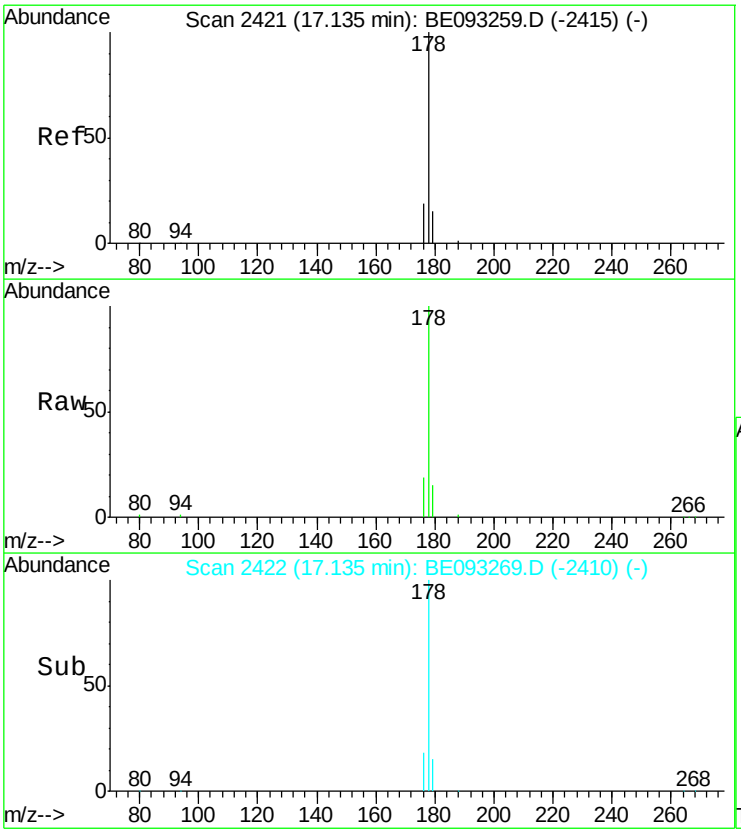
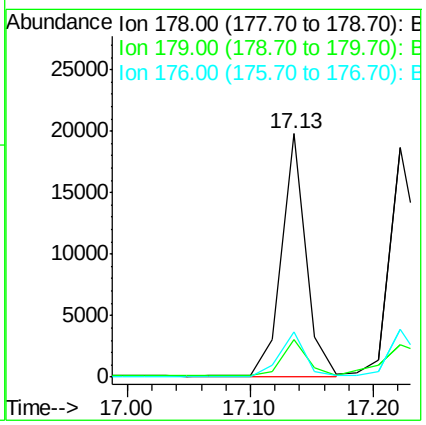
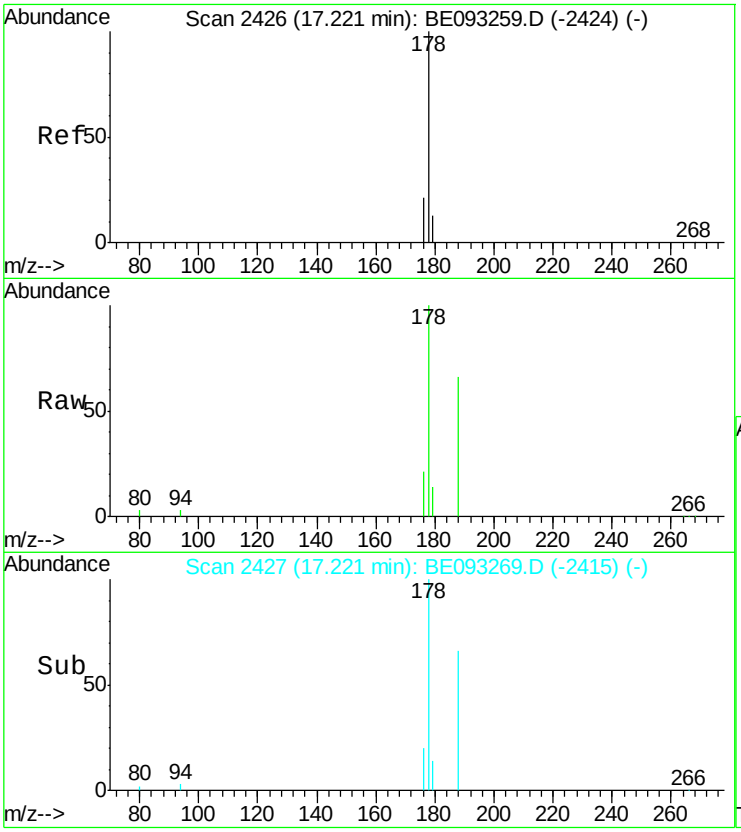


#12
Phenanthrene
Concen: 0.501 ng/ul
RT: 17.13 min Scan# 2422
Delta R.T. 0.00 min
Lab File: BE093269.D
Acq: 20 Jun 2017 2:34

Tgt Ion:178 Resp: 27094

Ion	Ratio	Lower	Upper
178	100		
179	15.3	18.4	27.6#
176	18.7	13.6	20.4





#13
Anthracene
Concen: 0.702 ng/ul
RT: 17.22 min Scan# 2427
Delta R.T. 0.00 min
Lab File: BE093269.D
Acq: 20 Jun 2017 2:34

Tgt Ion:178 Resp: 33031

Ion	Ratio	Lower	Upper
178	100		
179	14.4	18.1	27.1#
176	20.8	14.7	22.1

Instrument :
BNA_E
ClientSampleId :
F5A81

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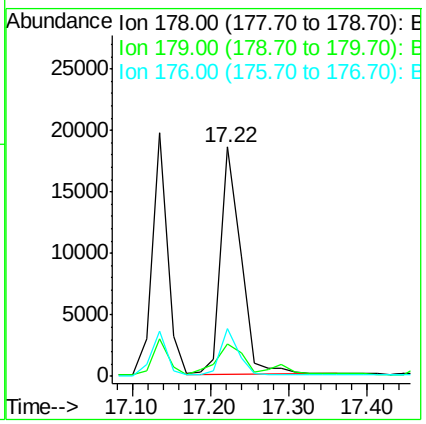
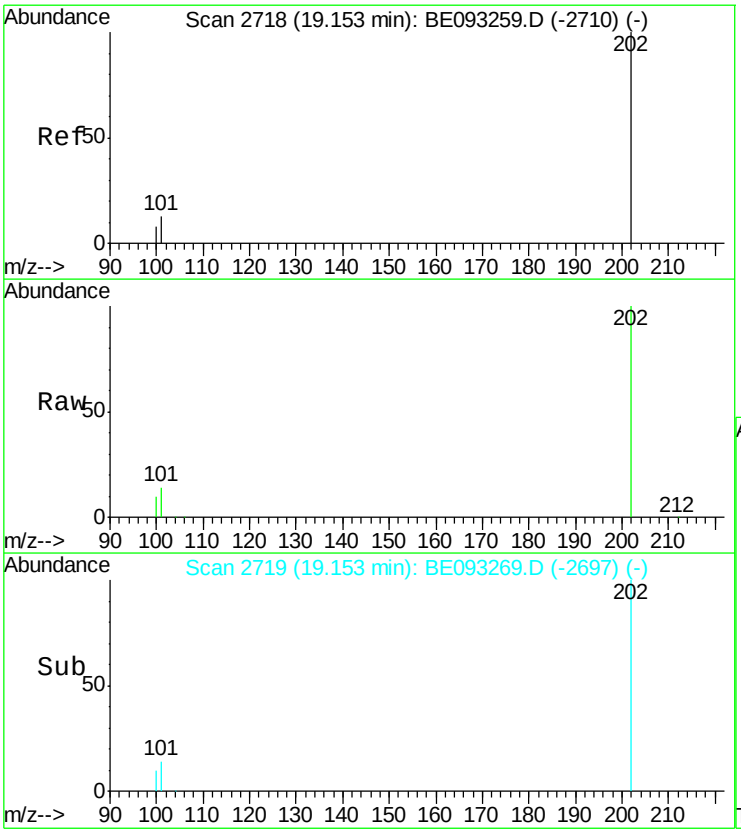
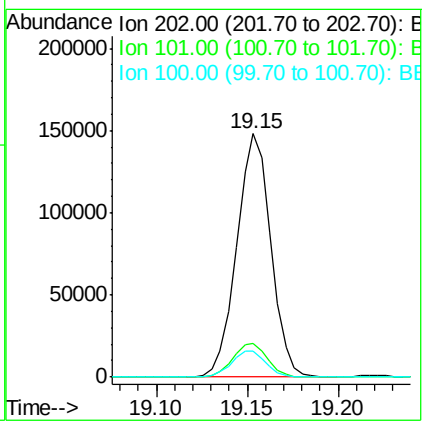


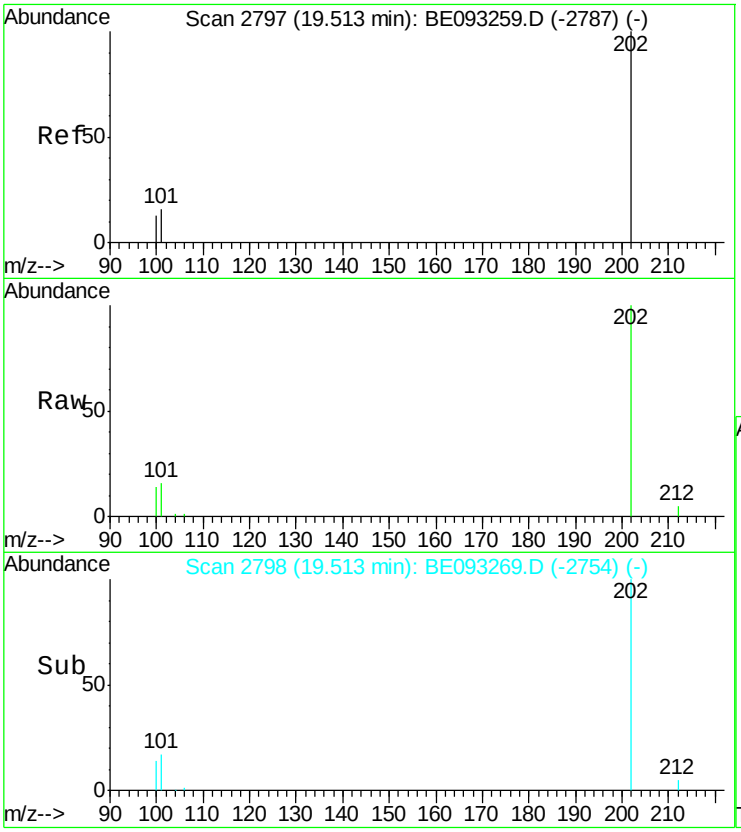


#15
Fluoranthene
Concen: 2.908 ng/ul
RT: 19.15 min Scan# 2719
Delta R.T. -0.00 min
Lab File: BE093269.D
Acq: 20 Jun 2017 2:34

Tgt Ion:202 Resp: 192798

Ion	Ratio	Lower	Upper
202	100		
101	13.9	0.0	30.3
100	10.4	0.0	39.5





#17
Pyrene
Concen: 3.610 ng/ul
RT: 19.51 min Scan# 2798
Delta R.T. -0.00 min
Lab File: BE093269.D
Acq: 20 Jun 2017 2:34

Tgt Ion:202 Resp: 229397

Ion	Ratio	Lower	Upper
202	100		
101	16.5	18.2	27.4#
100	13.7	15.6	23.4#

Instrument :
BNA_E
ClientSampleId :
F5A81

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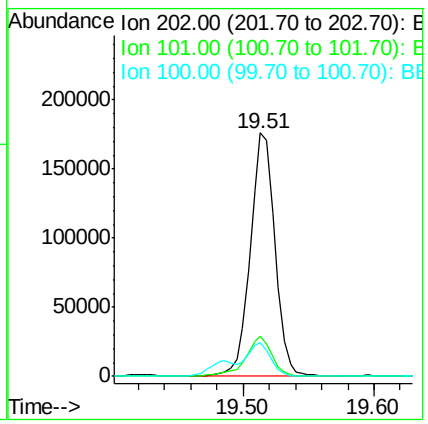
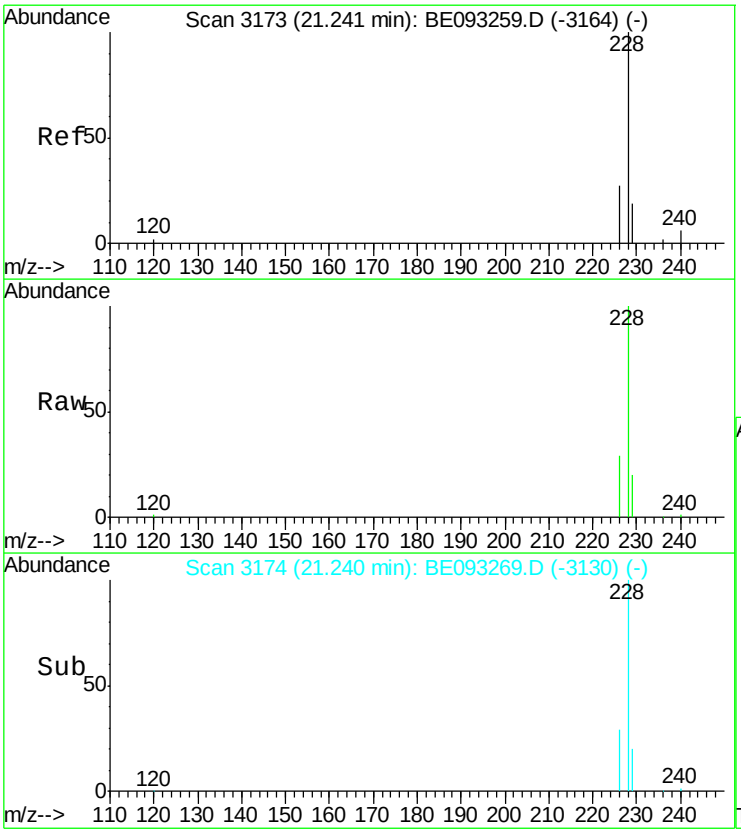
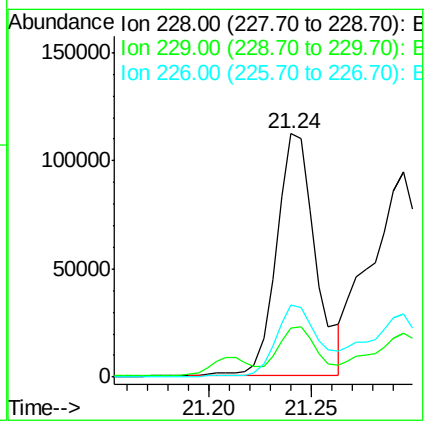


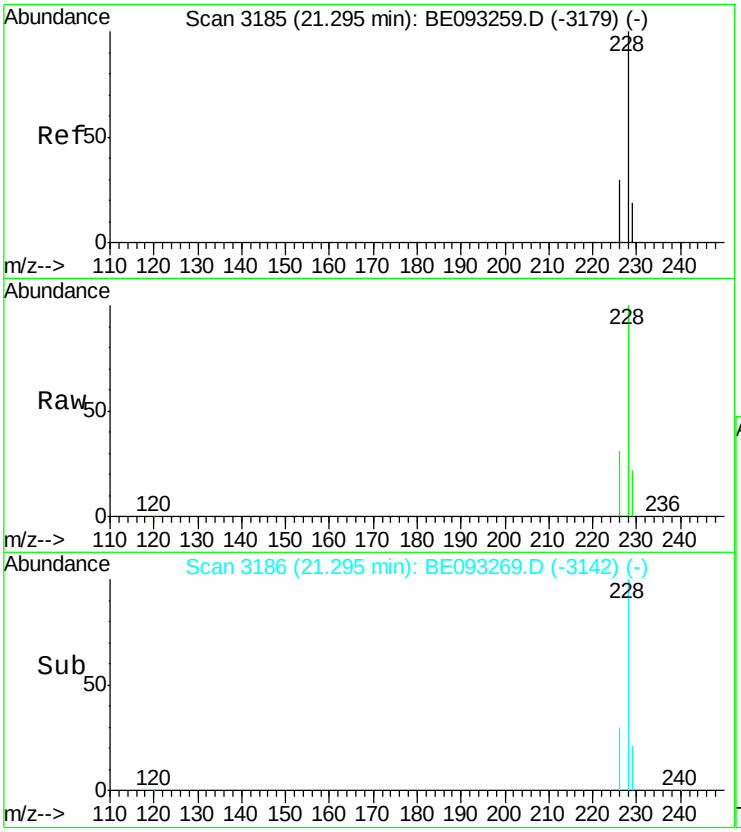


#18
Benzo(a)anthracene
Concen: 2.567 ng/ul
RT: 21.24 min Scan# 3174
Delta R.T. -0.00 min
Lab File: BE093269.D
Acq: 20 Jun 2017 2:34

Tgt Ion:228 Resp: 147529

Ion	Ratio	Lower	Upper
228	100		
229	20.4	22.8	34.2#
226	29.4	17.0	25.6#

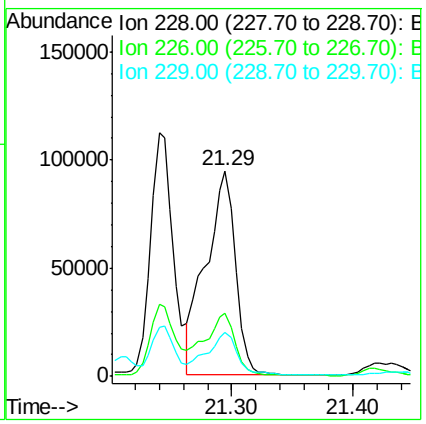




#19
Chrysene
Concen: 2.717 ng/ul
RT: 21.29 min Scan# 3186
Delta R.T. -0.00 min
Lab File: BE093269.D
Acq: 20 Jun 2017 2:34

Tgt Ion:228 Resp: 162018

Ion	Ratio	Lower	Upper
228	100		
226	30.6	23.4	35.0
229	21.7	17.7	26.5



Instrument :
BNA_E
ClientSampleId :
F5A81

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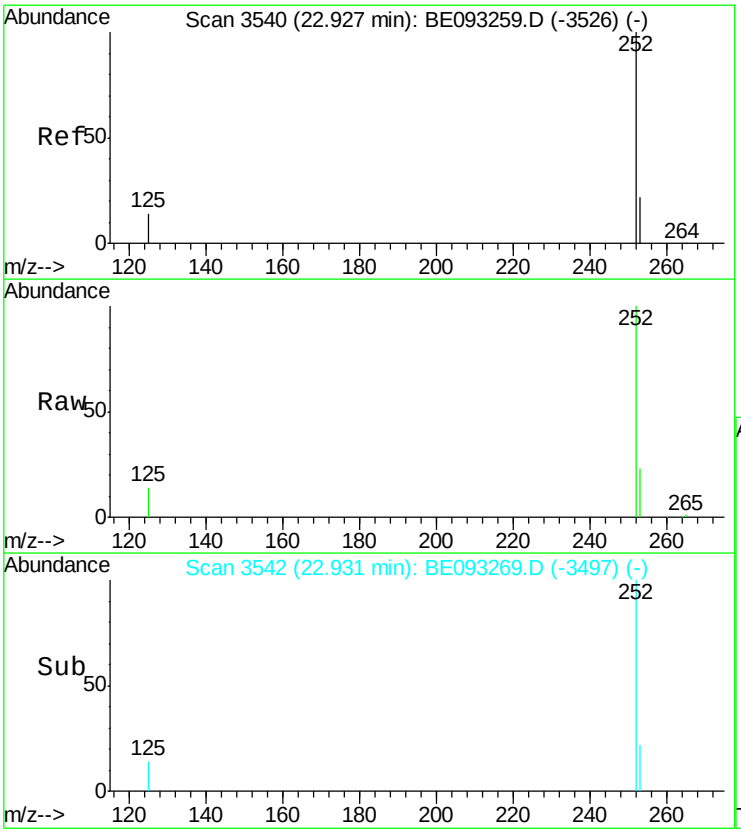
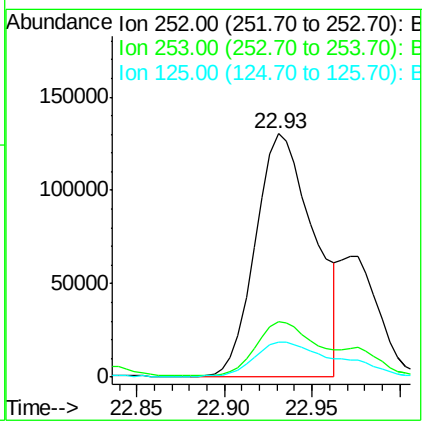
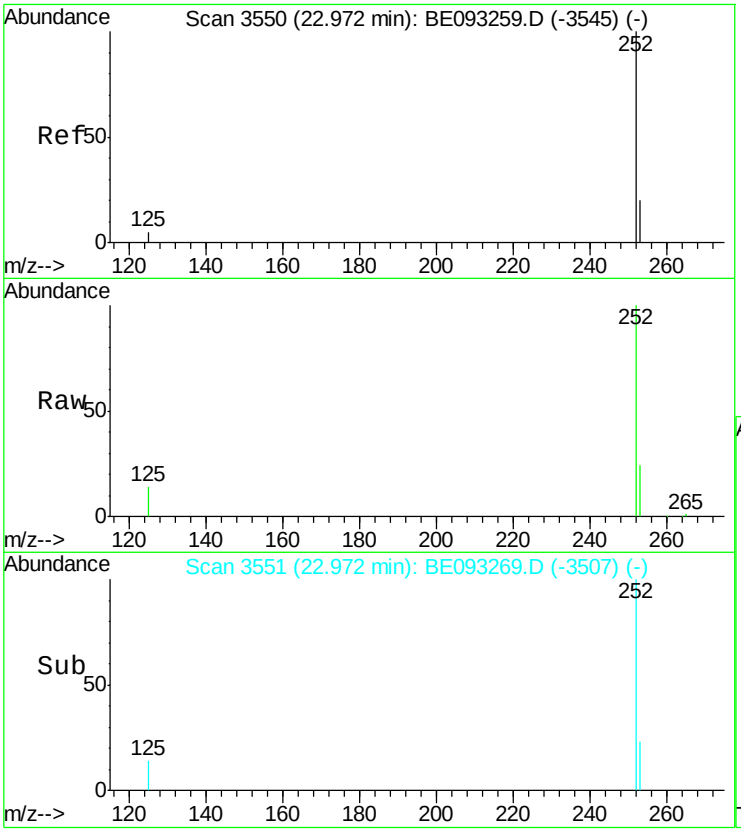


#21
Benzo(b)fluoranthene
Concen: 4.629 ng/ul m
RT: 22.93 min Scan# 3542
Delta R.T. 0.00 min
Lab File: BE093269.D
Acq: 20 Jun 2017 2:34

Tgt Ion:252 Resp: 304755

Ion	Ratio	Lower	Upper
252	100		
253	22.5	0.0	64.2
125	14.3	0.0	35.0





#22
Benzo(k)fluoranthene
Concen: 1.446 ng/ul m
RT: 22.97 min Scan# 3551
Delta R.T. -0.00 min
Lab File: BE093269.D
Acq: 20 Jun 2017 2:34

Tgt Ion:252 Resp: 101101

Ion	Ratio	Lower	Upper
252	100		
253	23.8	24.5	36.7#
125	14.4	13.7	20.5

Instrument :
BNA_E
ClientSampleId :
F5A81

Manual Integrations APPROVED
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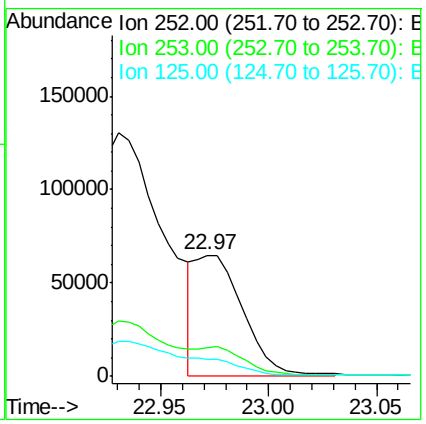
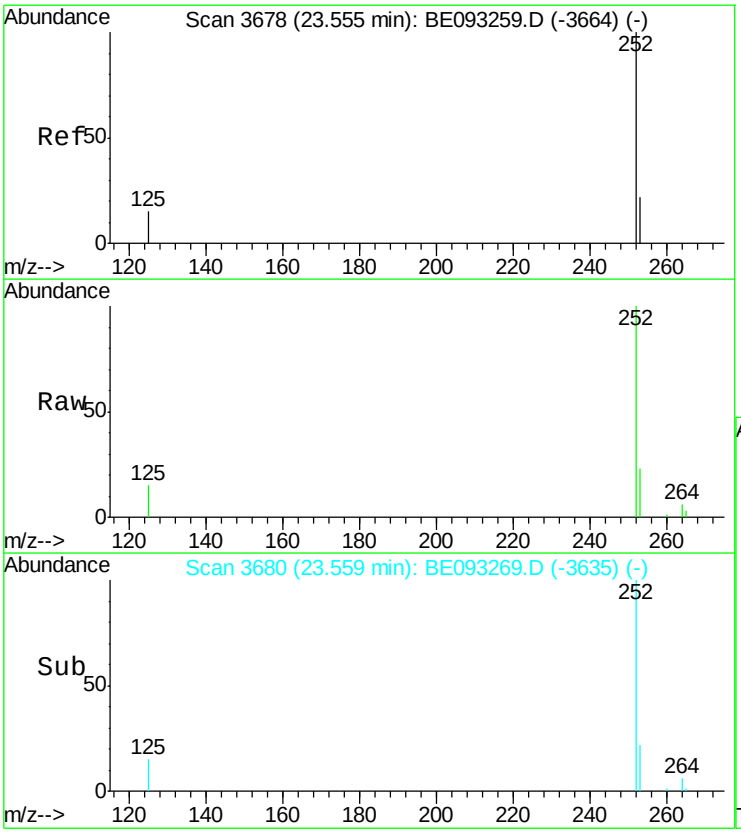
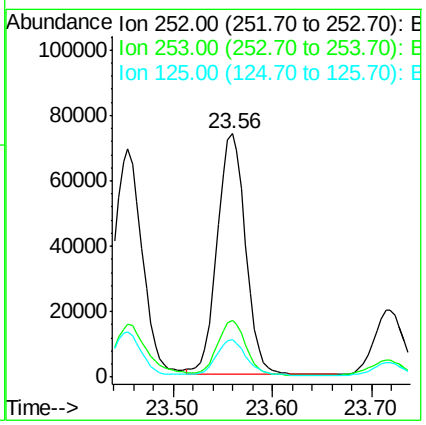


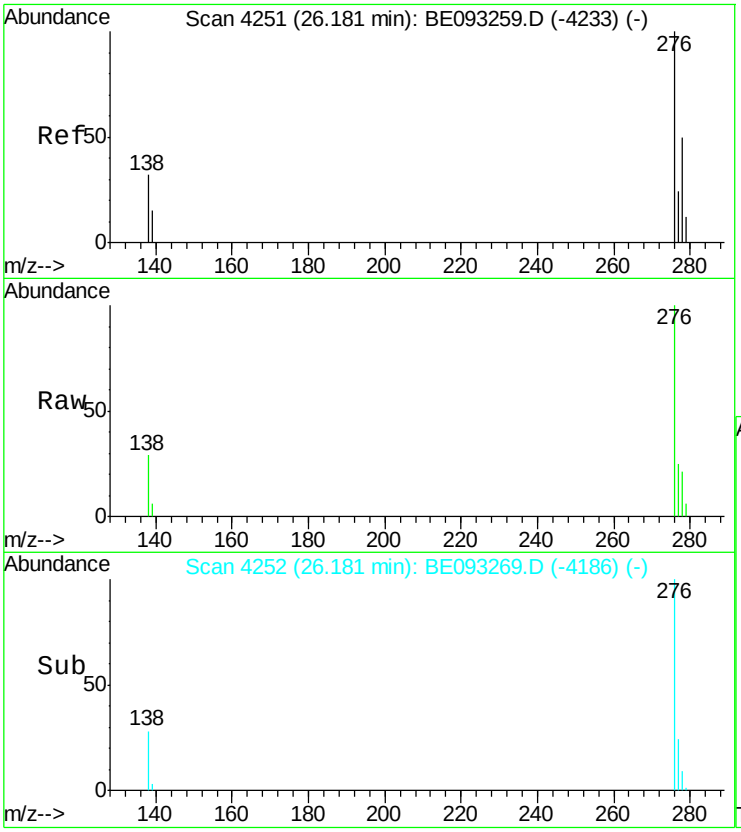


#23
Benzo(a)pyrene
Concen: 2.341 ng/ul
RT: 23.56 min Scan# 3680
Delta R.T. 0.00 min
Lab File: BE093269.D
Acq: 20 Jun 2017 2:34

Tgt Ion:252 Resp: 145699

Ion	Ratio	Lower	Upper
252	100		
253	23.1	28.5	42.7#
125	15.4	18.1	27.1#





#24
Indeno(1,2,3-cd)pyrene
Concen: 1.433 ng/ul
RT: 26.18 min Scan# 4252
Delta R.T. 0.00 min
Lab File: BE093269.D
Acq: 20 Jun 2017 2:34

Tgt Ion:276 Resp: 103290

Ion	Ratio	Lower	Upper
276	100		
138	29.5	28.0	42.0
227	0.0	8.0	12.0#

Instrument :
BNA_E
ClientSampleId :
F5A81

Manual Integrations APPROVED
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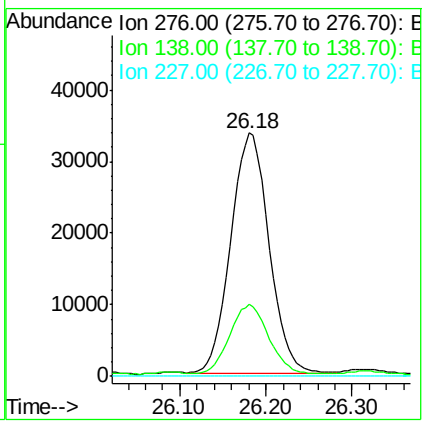
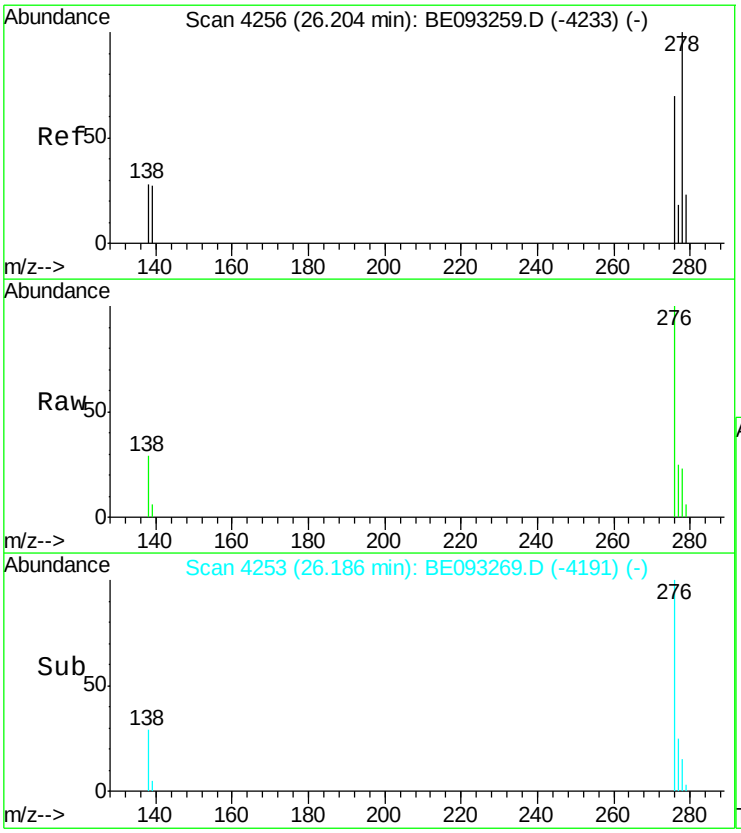
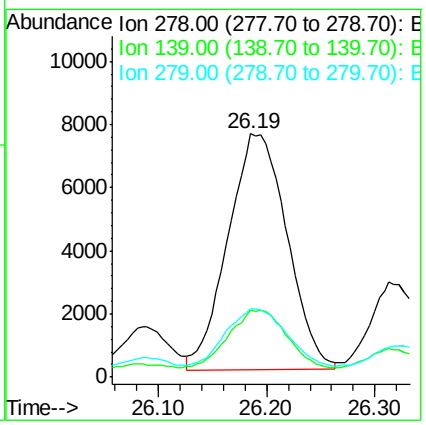


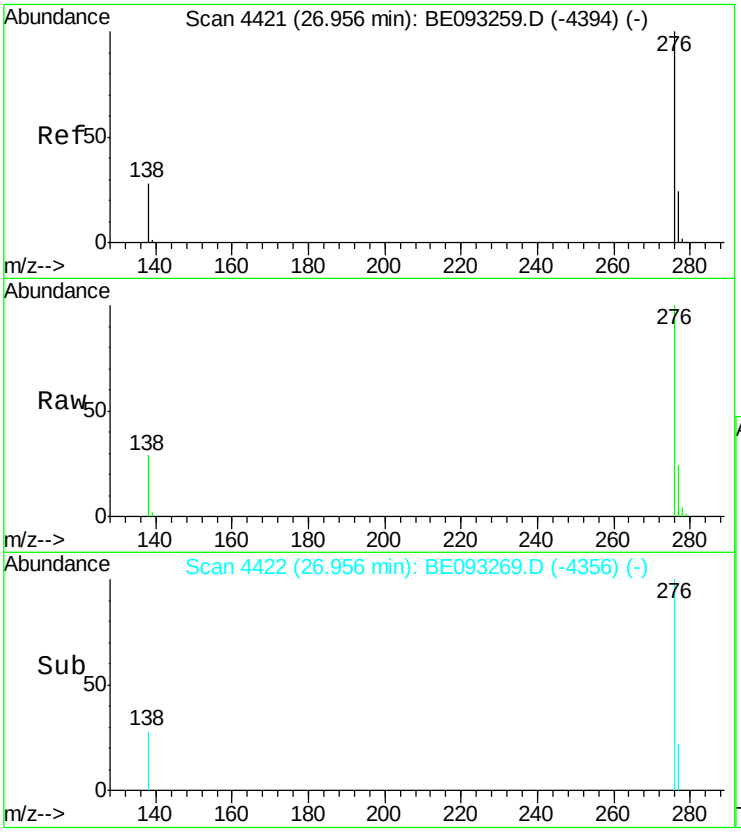


#25
Dibenzo(a,h)anthracene
Concen: 0.468 ng/ul m
RT: 26.19 min Scan# 4253
Delta R.T. -0.02 min
Lab File: BE093269.D
Acq: 20 Jun 2017 2:34

Tgt Ion:278 Resp: 28395

Ion	Ratio	Lower	Upper
278	100		
139	27.4	17.4	26.0#
279	27.9	25.9	38.9

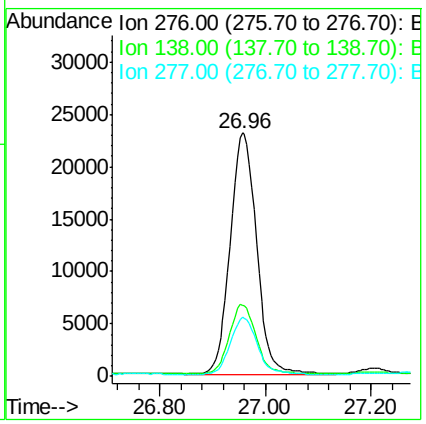




#26
Benzo(g,h,i)perylene
Concen: 1.291 ng/ul
RT: 26.96 min Scan# 4422
Delta R.T. 0.00 min
Lab File: BE093269.D
Acq: 20 Jun 2017 2:34

Tgt Ion:276 Resp: 79774

Ion	Ratio	Lower	Upper
276	100		
138	29.2	21.8	32.8
277	24.3	20.5	30.7



Instrument :
BNA_E
ClientSampleId :
F5A81

Manual Integrations APPROVED
mohammad
6/20/2017 3:13:26 PM