Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE061317\
Data File : BE093152.D
Acq On : 14 Jun 2017 4:18
Operator : SJ/MA
Sample : I3520-11
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
F5A43

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

Quant Time: Jun 14 11:22:47 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	4846	0.40	ng/ul	0.00
2) Naphthalene-d8	10.52	136	24566	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.37	164	14818	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.10	188	35555	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	37922	0.40	ng/ul	0.00
20) Perylene-d12	23.66	264	30148m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.11	152	8015	0.22	ng/ul	0.00
14) Fluoranthene-d10	19.12	212	22180	0.23	ng/ul	0.00
Target Compounds						Qvalue
12) Phenanthrene	17.14	178	6131	0.063	ng/ul#	90
15) Fluoranthene	19.15	202	17216	0.144	ng/ul	84
17) Pyrene	19.51	202	19597	0.175	ng/ul#	91
18) Benzo(a)anthracene	21.25	228	8642	0.085	ng/ul#	89
19) Chrysene	21.30	228	10313m	0.098	ng/ul	
21) Benzo(b)fluoranthene	22.93	252	15369	0.168	ng/ul	87
22) Benzo(k)fluoranthene	22.97	252	6000m	0.062	ng/ul	
23) Benzo(a)pyrene	23.56	252	8909m	0.103	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.18	276	6165m	0.062	ng/ul	
26) Benzo(g,h,i)perylene	26.95	276	5641	0.066	ng/ul#	83

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

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Manual Integrations APPROVED
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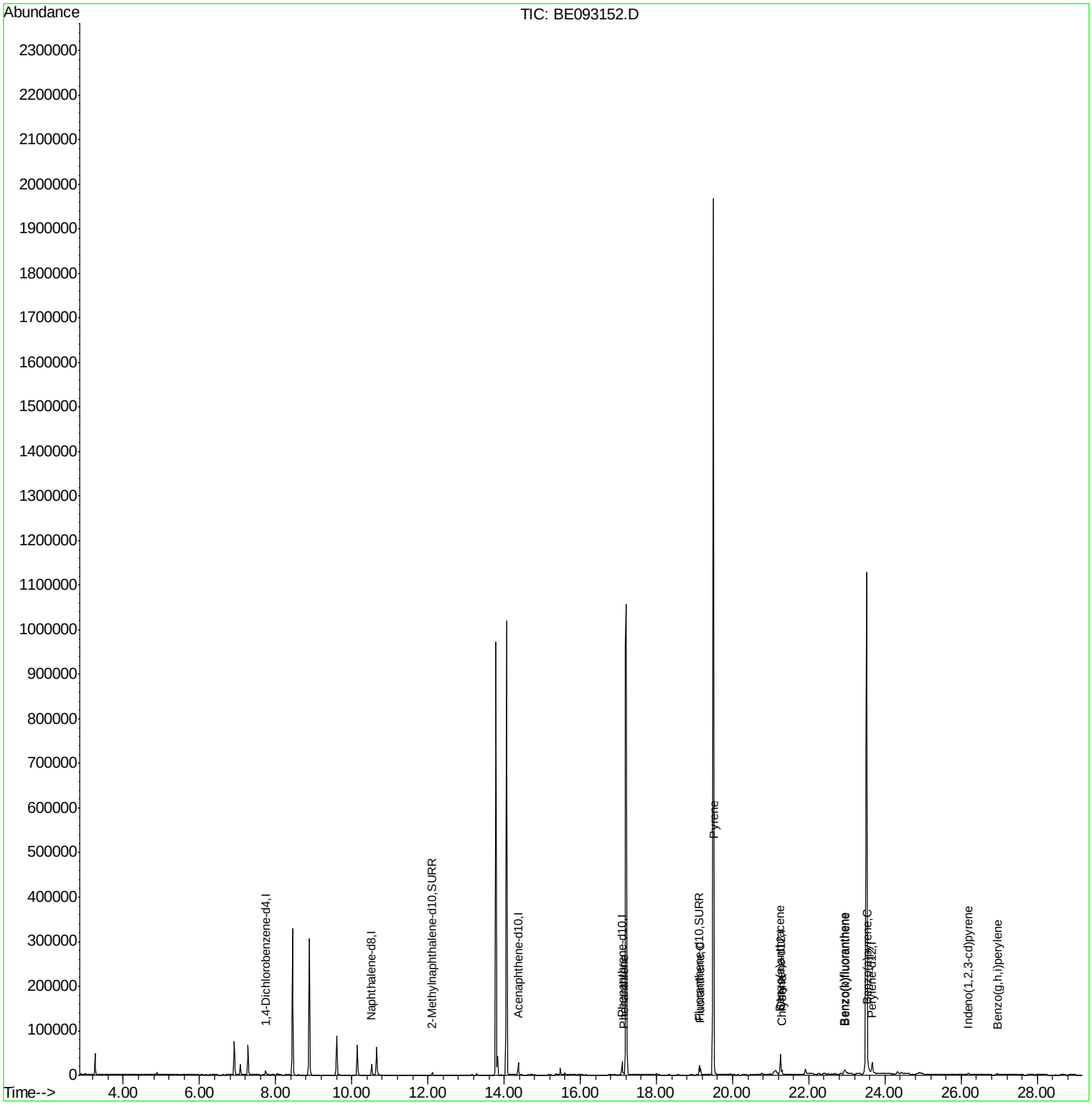

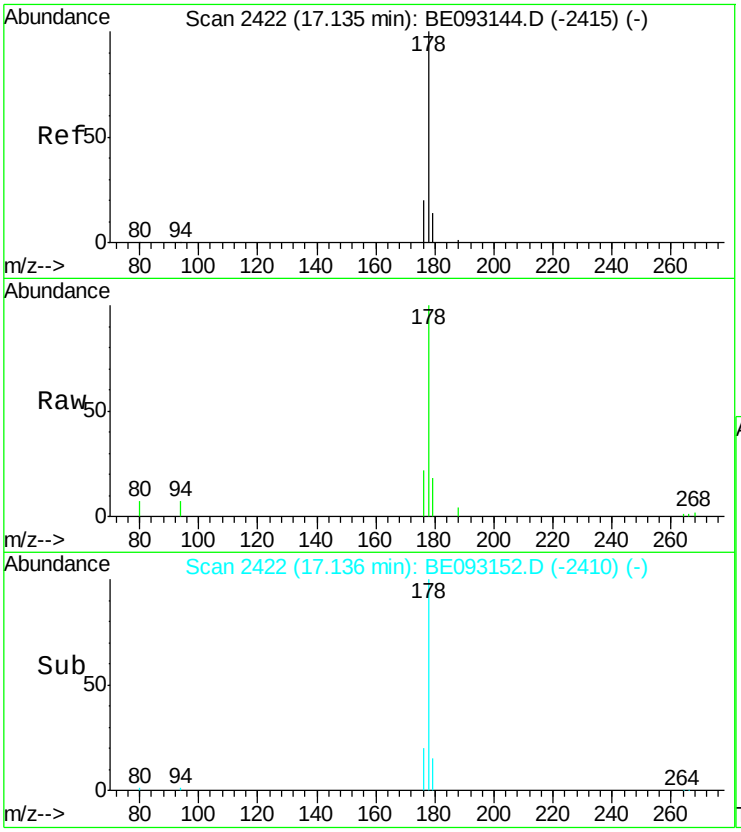

#12
Phenanthrene
Concen: 0.063 ng/ul
RT: 17.14 min Scan# 2422
Delta R.T. 0.00 min
Lab File: BE093152.D
Acq: 14 Jun 2017 4:18

Tgt Ion:178 Resp: 6131

Ion	Ratio	Lower	Upper
178	100		
179	18.0	18.4	27.6#
176	21.6	13.6	20.4#

Instrument :
BNA_E
ClientSampleId :
F5A43

Manual Integrations APPROVED
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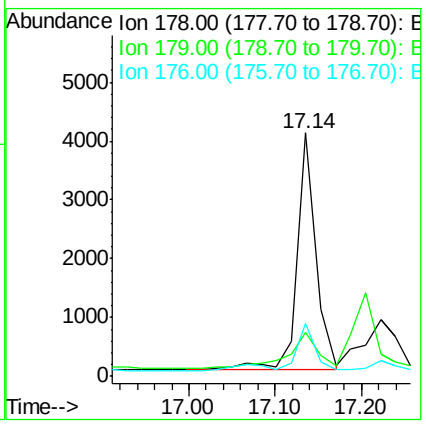
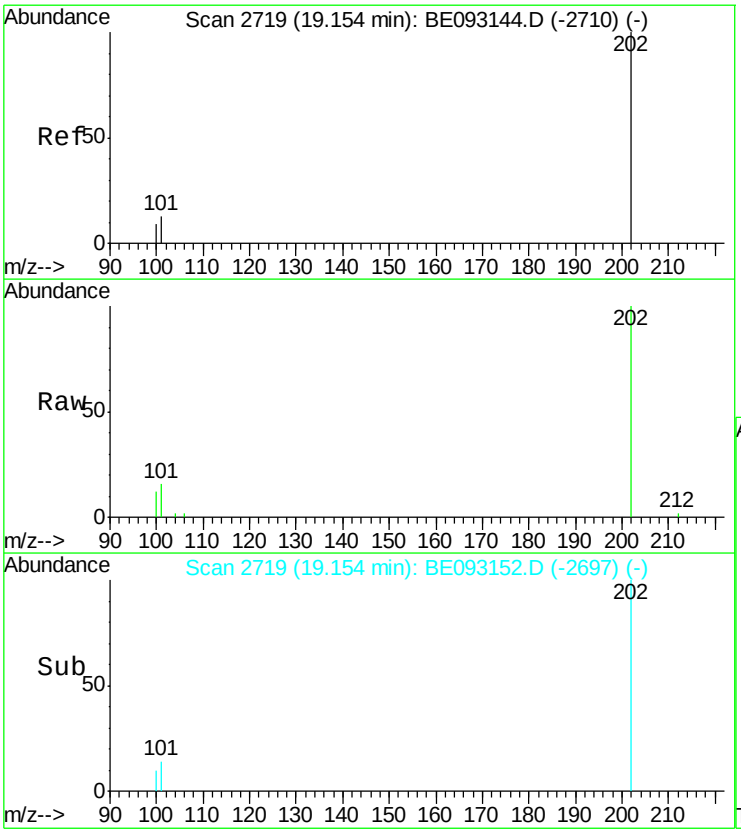
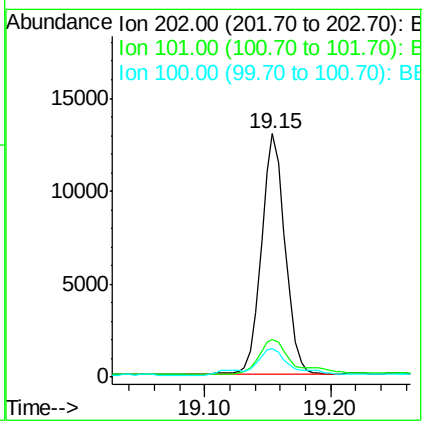


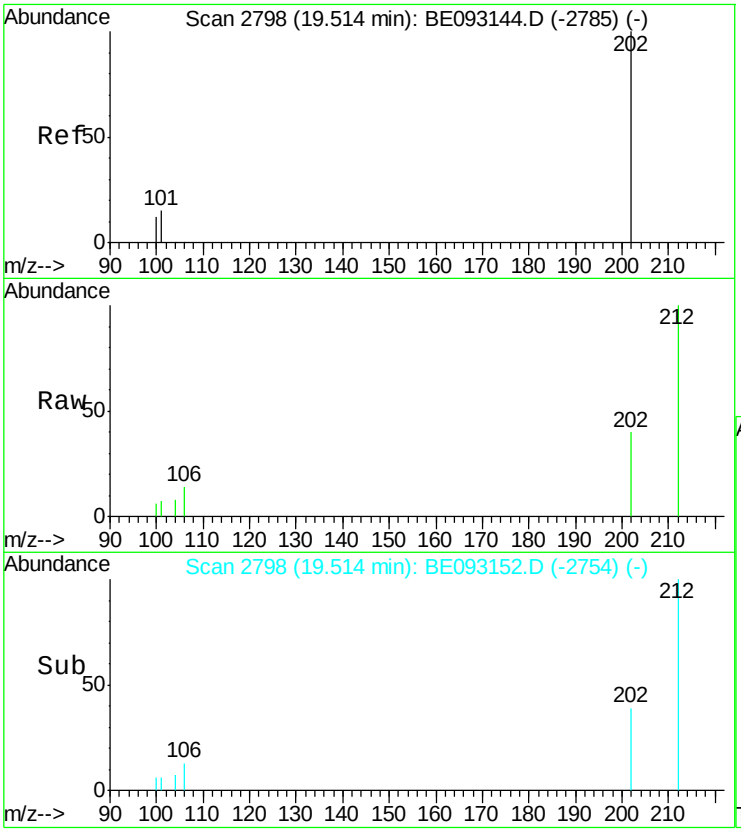


#15
Fluoranthene
Concen: 0.144 ng/ul
RT: 19.15 min Scan# 2719
Delta R.T. -0.00 min
Lab File: BE093152.D
Acq: 14 Jun 2017 4:18

Tgt Ion:202 Resp: 17216

Ion	Ratio	Lower	Upper
202	100		
101	15.7	0.0	30.3
100	11.5	0.0	39.5





#17
Pyrene
Concen: 0.175 ng/ul
RT: 19.51 min Scan# 2798
Delta R.T. -0.00 min
Lab File: BE093152.D
Acq: 14 Jun 2017 4:18

Tgt Ion:202 Resp: 19597

Ion	Ratio	Lower	Upper
202	100		
101	17.6	18.2	27.4#
100	16.1	15.6	23.4

Instrument :
BNA_E
ClientSampleId :
F5A43

Manual Integrations APPROVED
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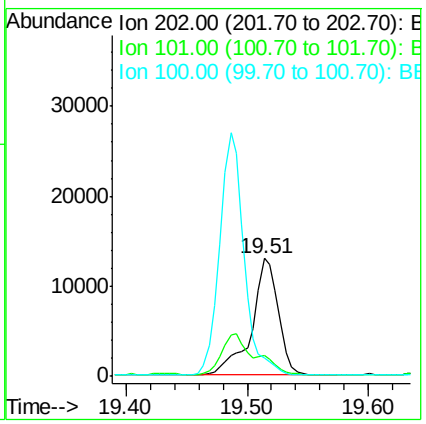
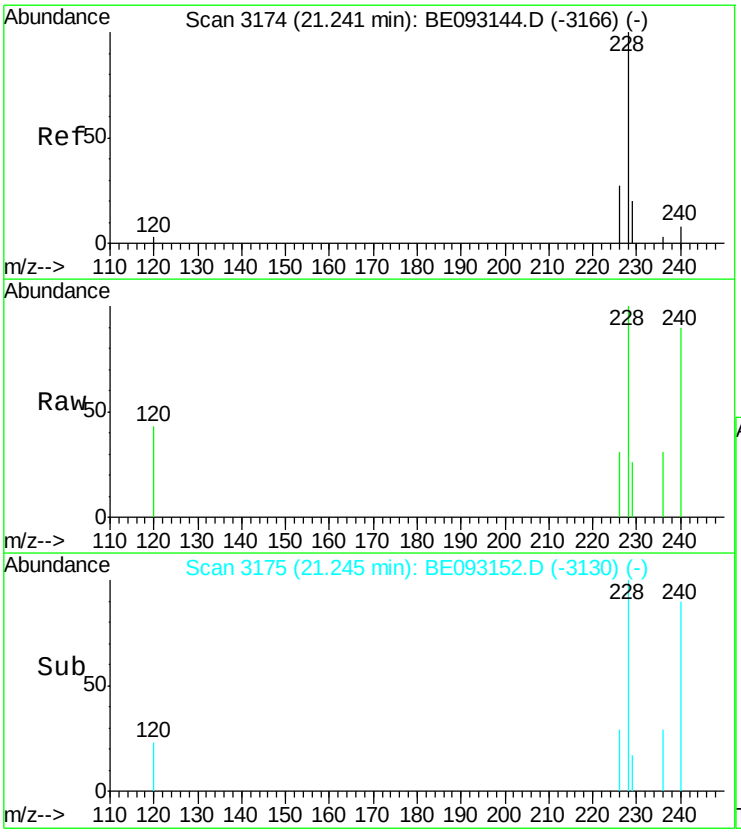
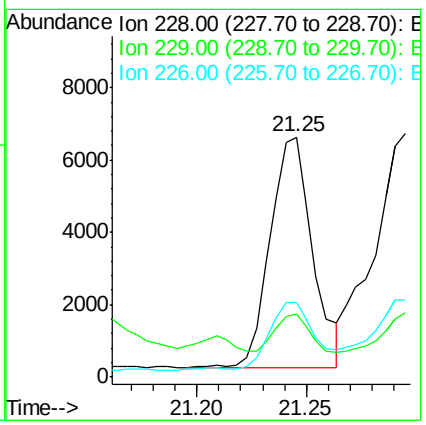


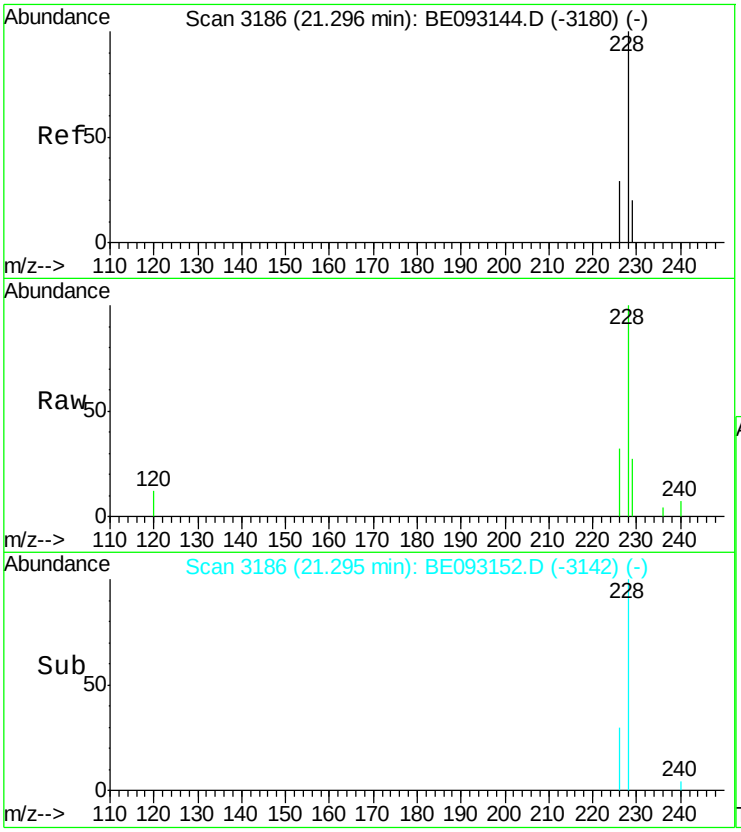


#18
Benzo(a)anthracene
Concen: 0.085 ng/ul
RT: 21.25 min Scan# 3175
Delta R.T. 0.00 min
Lab File: BE093152.D
Acq: 14 Jun 2017 4:18

Tgt Ion:228 Resp: 8642

Ion	Ratio	Lower	Upper
228	100		
229	26.1	22.8	34.2
226	31.0	17.0	25.6#

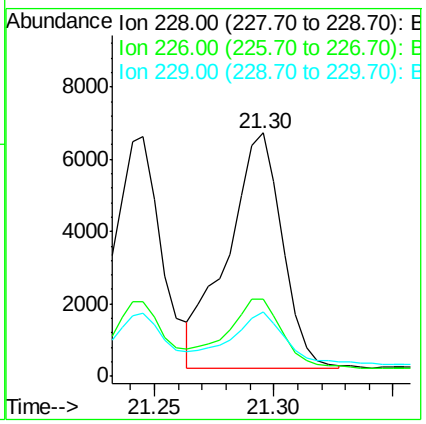




#19
Chrysene
Concen: 0.098 ng/ul m
RT: 21.30 min Scan# 3186
Delta R.T. -0.00 min
Lab File: BE093152.D
Acq: 14 Jun 2017 4:18

Tgt Ion:228 Resp: 10313

Ion	Ratio	Lower	Upper
228	100		
226	32.0	23.4	35.0
229	26.6	17.7	26.5#



Instrument :
BNA_E
ClientSampleId :
F5A43

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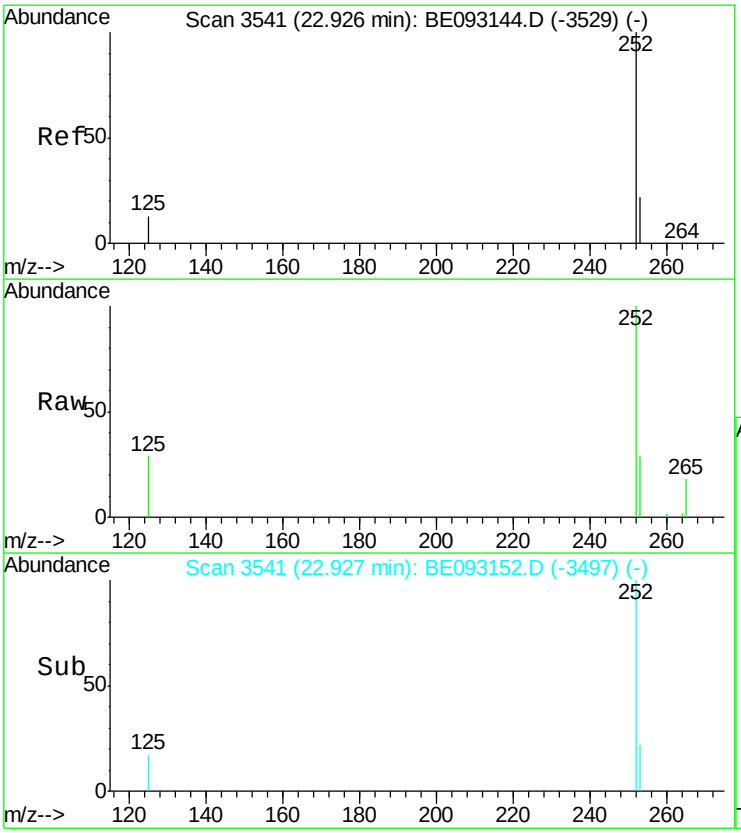
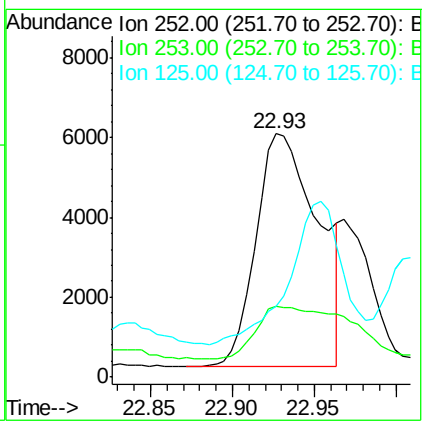
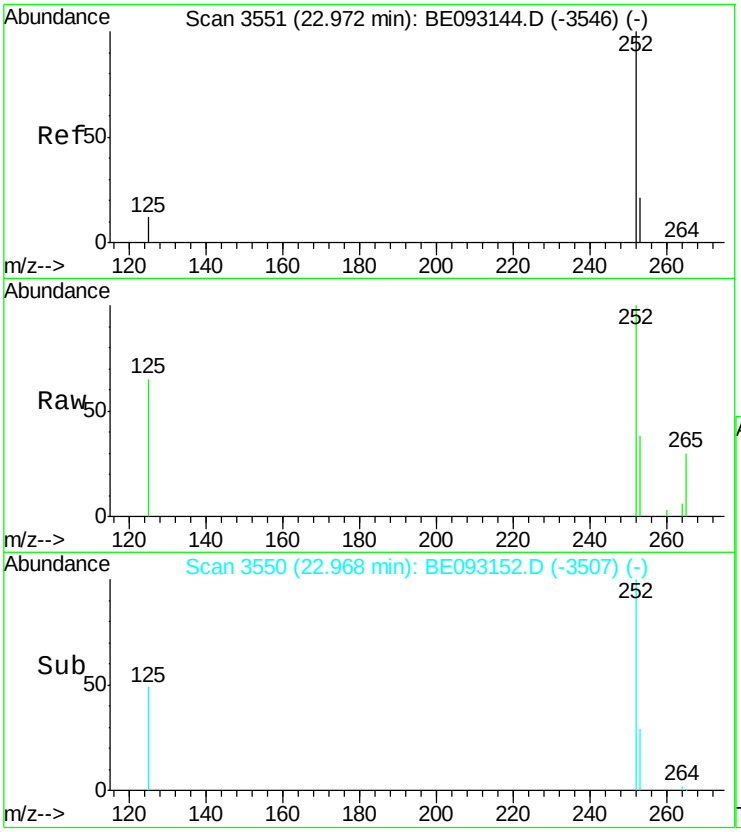


#21
Benzo(b)fluoranthene
Concen: 0.168 ng/ul
RT: 22.93 min Scan# 3541
Delta R.T. 0.00 min
Lab File: BE093152.D
Acq: 14 Jun 2017 4:18

Tgt Ion:252 Resp: 15369

Ion	Ratio	Lower	Upper
252	100		
253	29.0	0.0	64.2
125	29.0	0.0	35.0





#22
Benzo(k)fluoranthene
Concen: 0.062 ng/ul m
RT: 22.97 min Scan# 3550
Delta R.T. -0.00 min
Lab File: BE093152.D
Acq: 14 Jun 2017 4:18

Tgt Ion:252 Resp: 6000

Ion	Ratio	Lower	Upper
252	100		
253	38.3	24.5	36.7#
125	65.2	13.7	20.5#

Instrument :
BNA_E
ClientSampleId :
F5A43

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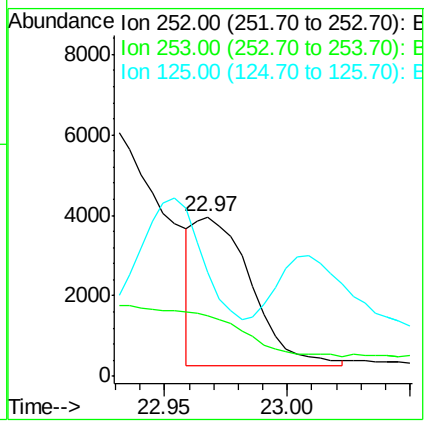
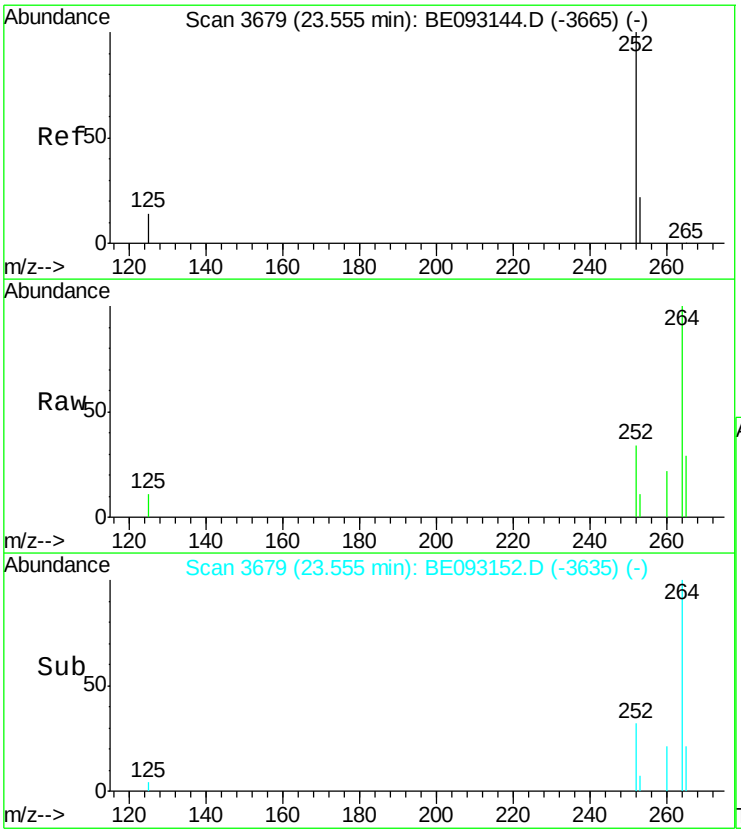
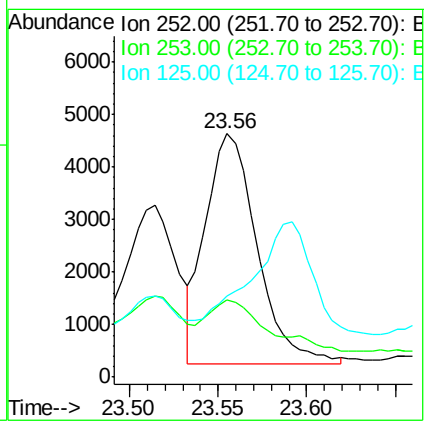


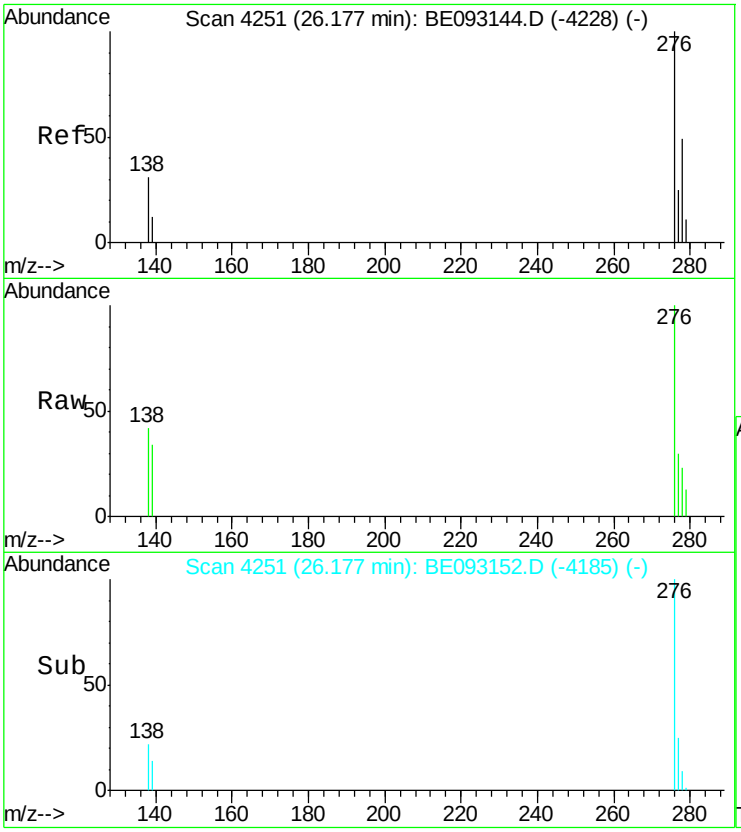


#23
Benzo(a)pyrene
Concen: 0.103 ng/ul m
RT: 23.56 min Scan# 3679
Delta R.T. 0.00 min
Lab File: BE093152.D
Acq: 14 Jun 2017 4:18

Tgt Ion:252 Resp: 8909

Ion	Ratio	Lower	Upper
252	100		
253	31.9	28.5	42.7
125	33.2	18.1	27.1#





#24
Indeno(1,2,3-cd)pyrene
Concen: 0.062 ng/ul m
RT: 26.18 min Scan# 4251
Delta R.T. 0.00 min
Lab File: BE093152.D
Acq: 14 Jun 2017 4:18

Tgt Ion:276 Resp: 6165

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

Instrument :
BNA_E
ClientSampleId :
F5A43

Manual Integrations APPROVED
mohammad
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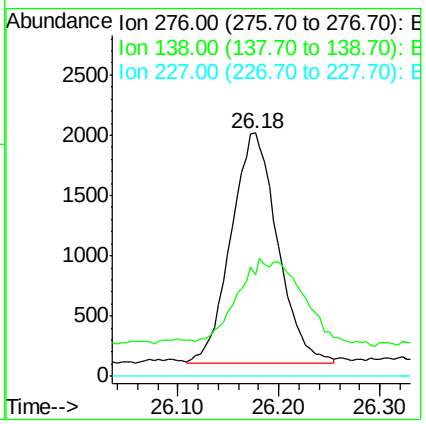

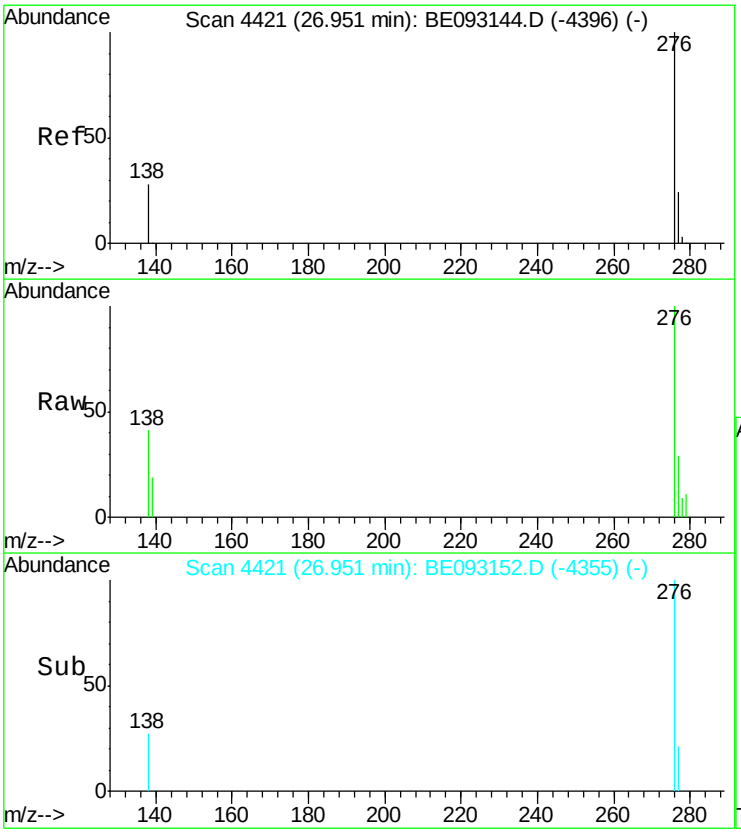

#26
Benzo(g,h,i)perylene
Concen: 0.066 ng/ul
RT: 26.95 min Scan# 4421
Delta R.T. 0.00 min
Lab File: BE093152.D
Acq: 14 Jun 2017 4:18

Tgt Ion:276 Resp: 5641

Ion	Ratio	Lower	Upper
276	100		
138	41.0	21.8	32.8#
277	29.0	20.5	30.7