Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE060917\
Data File : BE093087.D
Acq On : 9 Jun 2017 12:31
Operator : SJ/MA
Sample : MDL-S-02
Misc : 0.07 PPM
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : MDL-S-02

Manual Integrations APPROVED
mohammad
6/9/2017 5:41:53 PM

Quant Time: Jun 09 15:23:53 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 08 17:42:17 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	6286	0.40	ng/ul	0.00
2) Naphthalene-d8	10.52	136	28762	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.37	164	14803	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.10	188	41760	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	46464	0.40	ng/ul	0.00
20) Perylene-d12	23.66	264	45742	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.12	152	14566	0.35	ng/ul	0.00
14) Fluoranthene-d10	19.13	212	36449	0.32	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.57	128	3596	0.050	ng/ul#	96
5) 2-Methylnaphthalene	12.19	142	2262	0.046	ng/ul	99
7) Acenaphthylene	14.09	152	2620	0.041	ng/ul	97
8) Acenaphthene	14.43	153	2495	0.049	ng/ul	98
9) Fluorene	15.42	166	2667	0.044	ng/ul	93
11) Pentachlorophenol	16.75	266	187	0.030	ng/ul	92
12) Phenanthrene	17.14	178	5545	0.048	ng/ul#	87
13) Anthracene	17.22	178	4292	0.043	ng/ul#	88
15) Fluoranthene	19.15	202	6348	0.045	ng/ul	84
17) Pyrene	19.51	202	6522	0.048	ng/ul#	88
18) Benzo(a)anthracene	21.24	228	5618	0.045	ng/ul#	85
19) Chrysene	21.29	228	6454	0.050	ng/ul	95
21) Benzo(b)fluoranthene	22.93	252	5630	0.041	ng/ul	93
22) Benzo(k)fluoranthene	22.98	252	6708m	0.045	ng/ul	
23) Benzo(a)pyrene	23.55	252	5358	0.041	ng/ul	93
24) Indeno(1,2,3-cd)pyrene	26.18	276	6738	0.044	ng/ul#	79
25) Dibenzo(a,h)anthracene	26.21	278	5815	0.045	ng/ul#	63
26) Benzo(g,h,i)perylene	26.96	276	5785	0.044	ng/ul	96

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE060917\
Data File : BE093087.D
Acq On : 9 Jun 2017 12:31
Operator : SJ/MA
Sample : MDL-S-02
Misc : 0.07 PPM
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jun 09 15:23:53 2017
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 08 17:42:17 2017
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
MDL-S-02

Manual Integrations APPROVED
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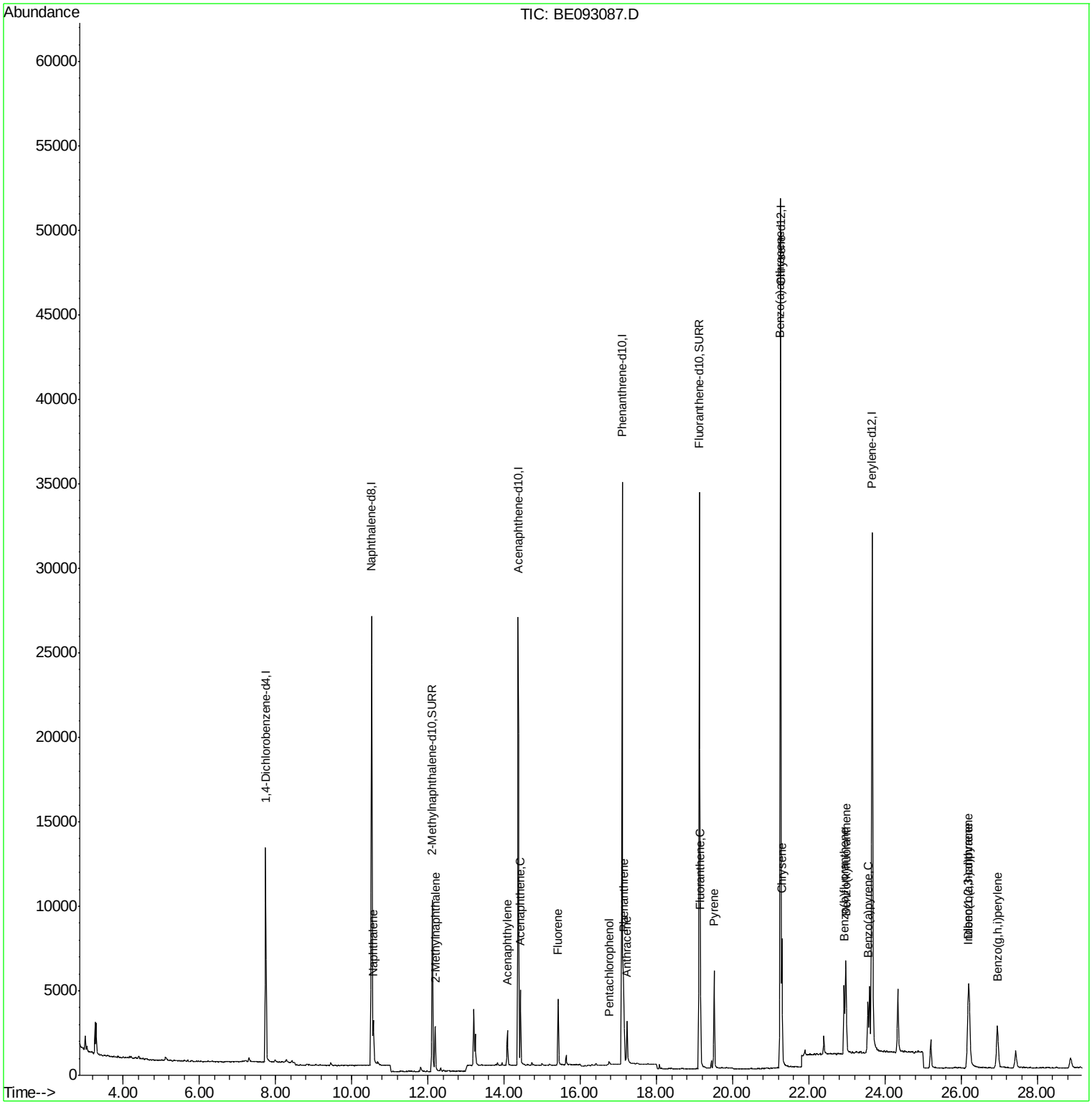
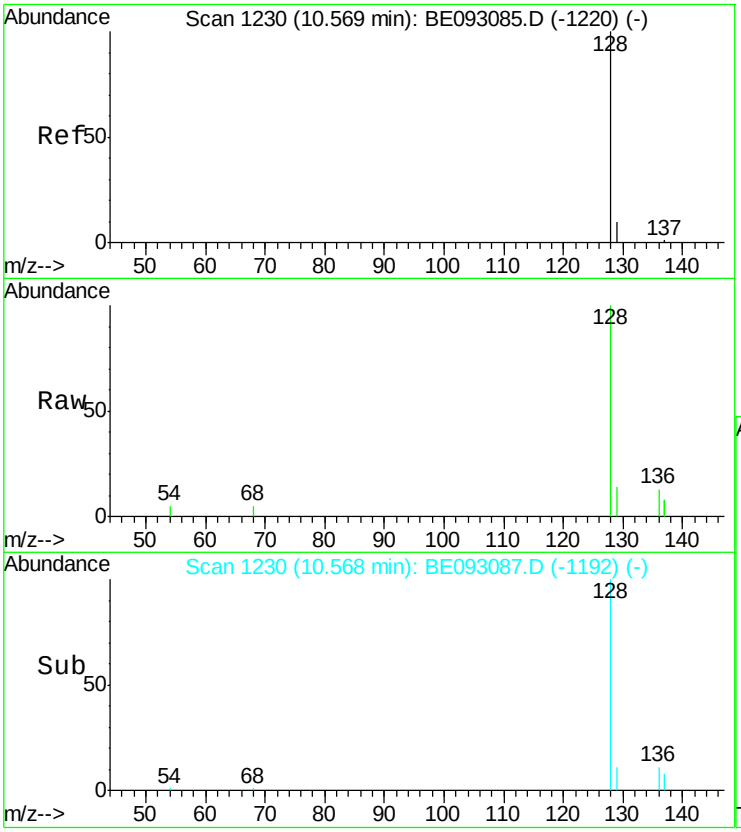
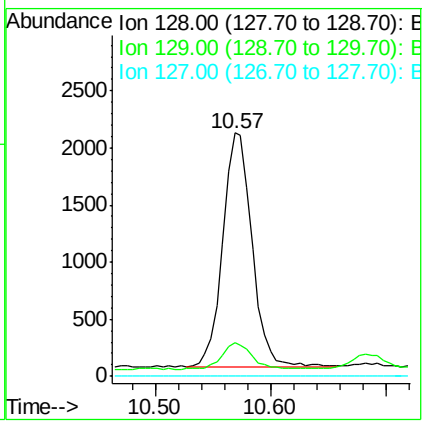




#3
Naphthalene
Concen: 0.050 ng/ul
RT: 10.57 min Scan# 1230
Delta R.T. -0.01 min
Lab File: BE093087.D
Acq: 9 Jun 2017 12:31

Tgt Ion:128 Resp: 3596

Ion	Ratio	Lower	Upper
128	100		
129	14.1	11.3	16.9
127	0.0	4.0	6.0#



Instrument :
BNA_E
ClientSampleId :
MDL-S-02

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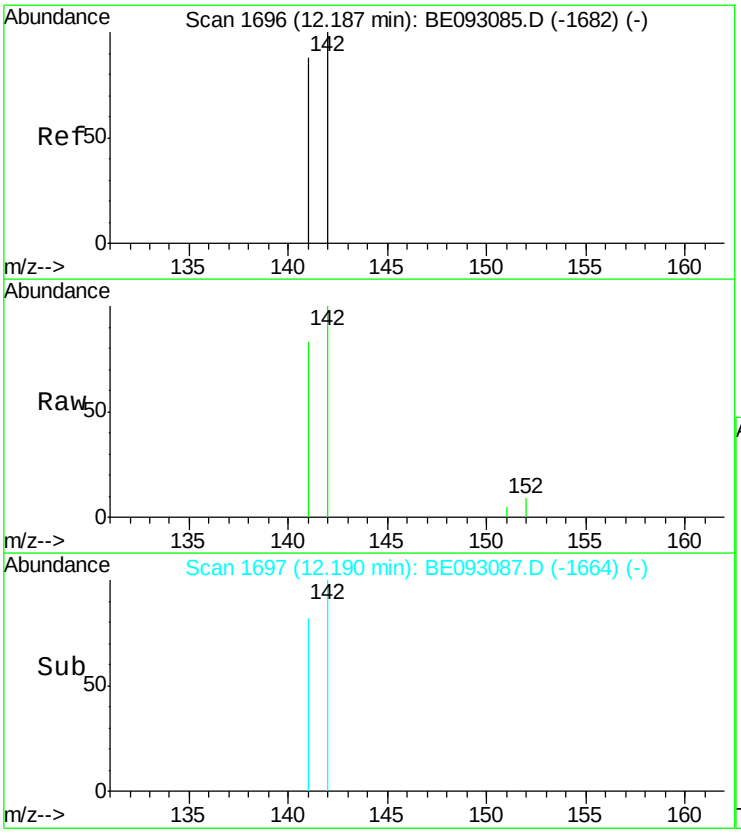
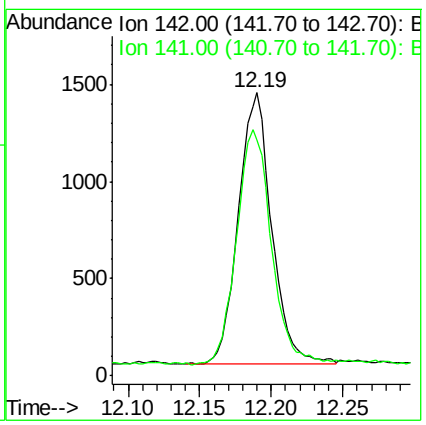
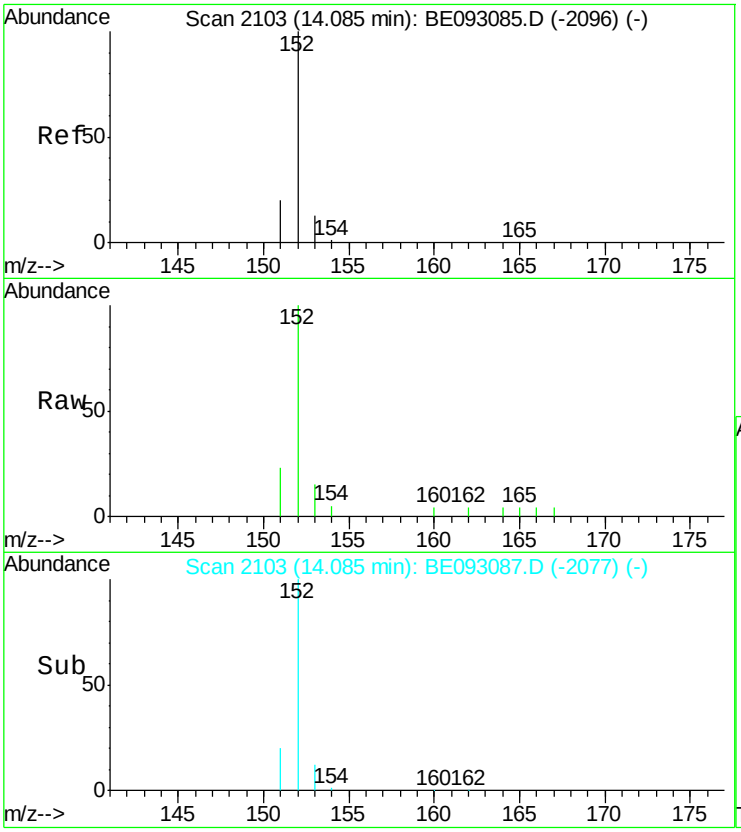


#5
2-Methylnaphthalene
Concen: 0.046 ng/ul
RT: 12.19 min Scan# 1697
Delta R.T. 0.00 min
Lab File: BE093087.D
Acq: 9 Jun 2017 12:31

Tgt Ion:142 Resp: 2262

Ion	Ratio	Lower	Upper
142	100		
141	91.7	72.6	108.8





#7
Acenaphthylene
Concen: 0.041 ng/ul
RT: 14.09 min Scan# 2103
Delta R.T. -0.00 min
Lab File: BE093087.D
Acq: 9 Jun 2017 12:31

Tgt Ion:152 Resp: 2620

Ion	Ratio	Lower	Upper
152	100		
151	23.3	17.1	25.7
153	15.4	12.8	19.2

Instrument :
BNA_E
ClientSampleId :
MDL-S-02

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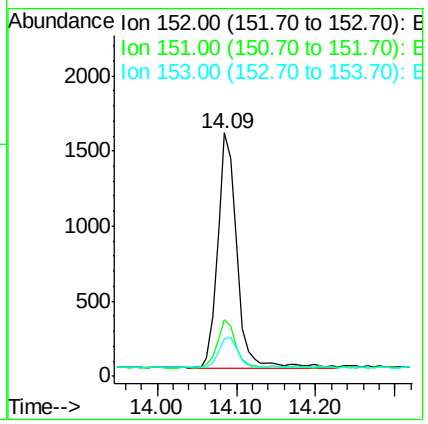
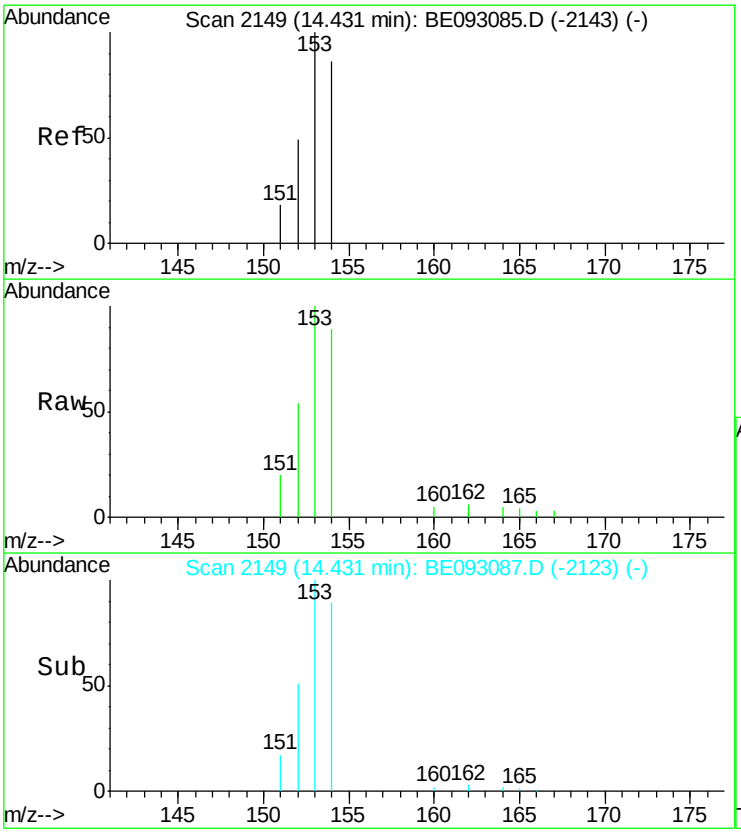
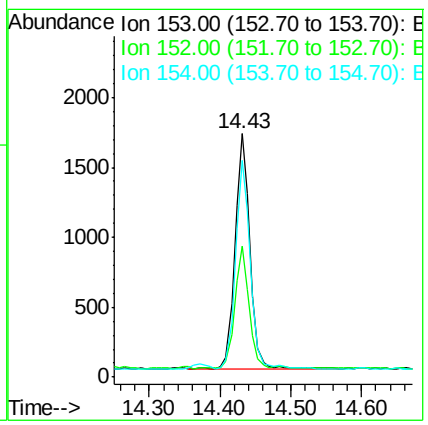


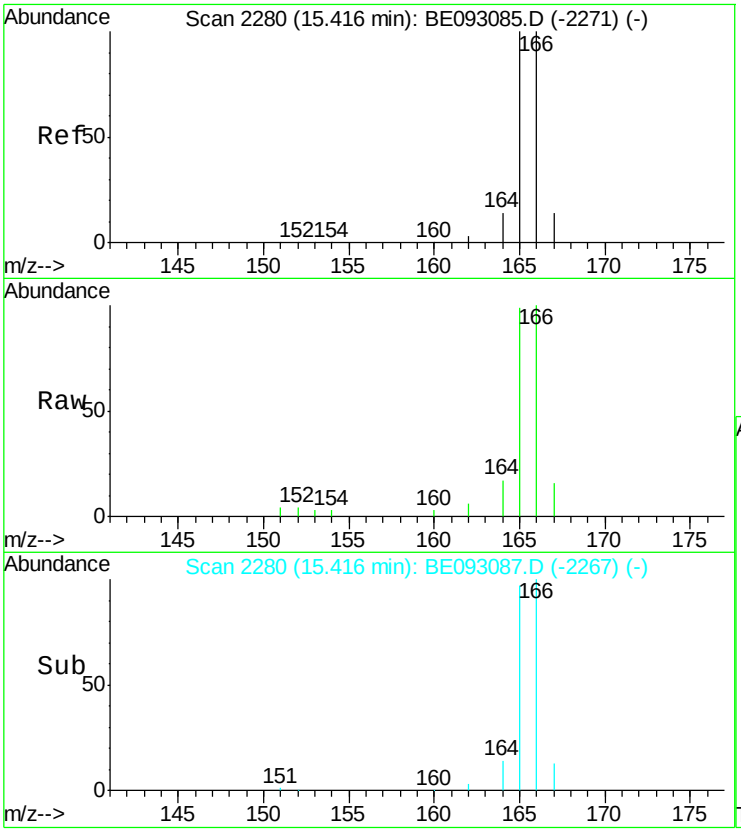


#8
Acenaphthene
Concen: 0.049 ng/ul
RT: 14.43 min Scan# 2149
Delta R.T. -0.00 min
Lab File: BE093087.D
Acq: 9 Jun 2017 12:31

Tgt Ion:153 Resp: 2495

Ion	Ratio	Lower	Upper
153	100		
152	53.6	40.3	60.5
154	89.3	71.4	107.2

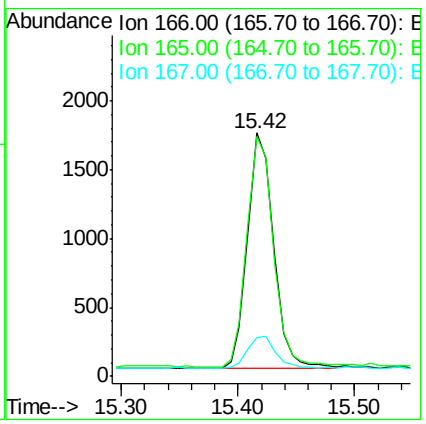




#9
Fluorene
Concen: 0.044 ng/ul
RT: 15.42 min Scan# 2280
Delta R.T. -0.00 min
Lab File: BE093087.D
Acq: 9 Jun 2017 12:31

Tgt Ion:166 Resp: 2667

Ion	Ratio	Lower	Upper
166	100		
165	98.5	73.4	110.2
167	15.8	14.6	22.0



Instrument :
BNA_E
ClientSampleId :
MDL-S-02

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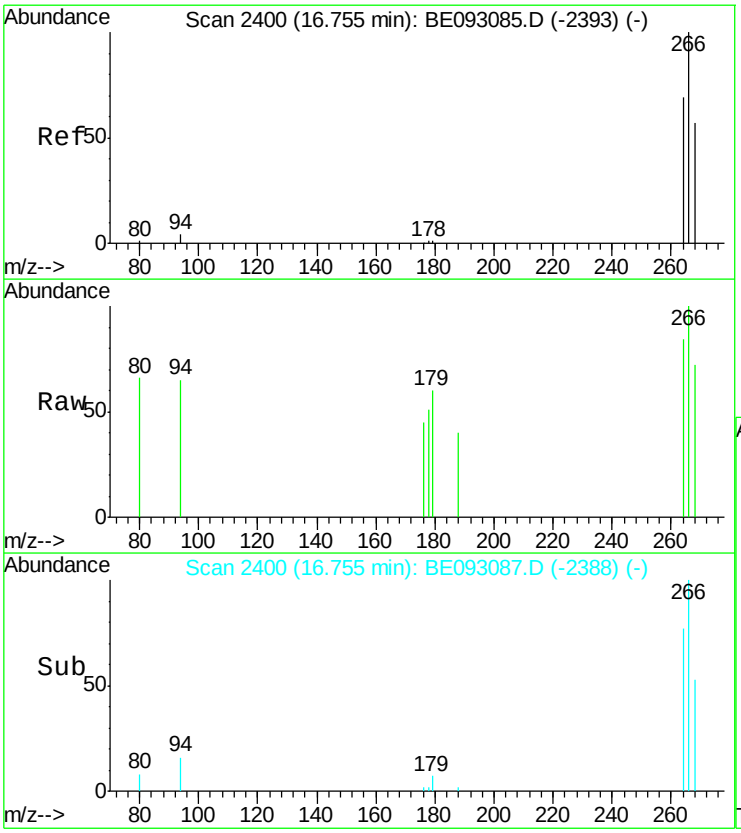
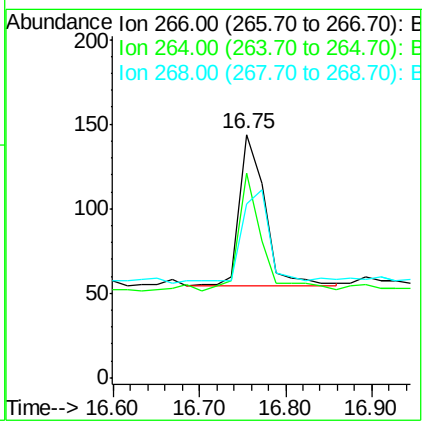
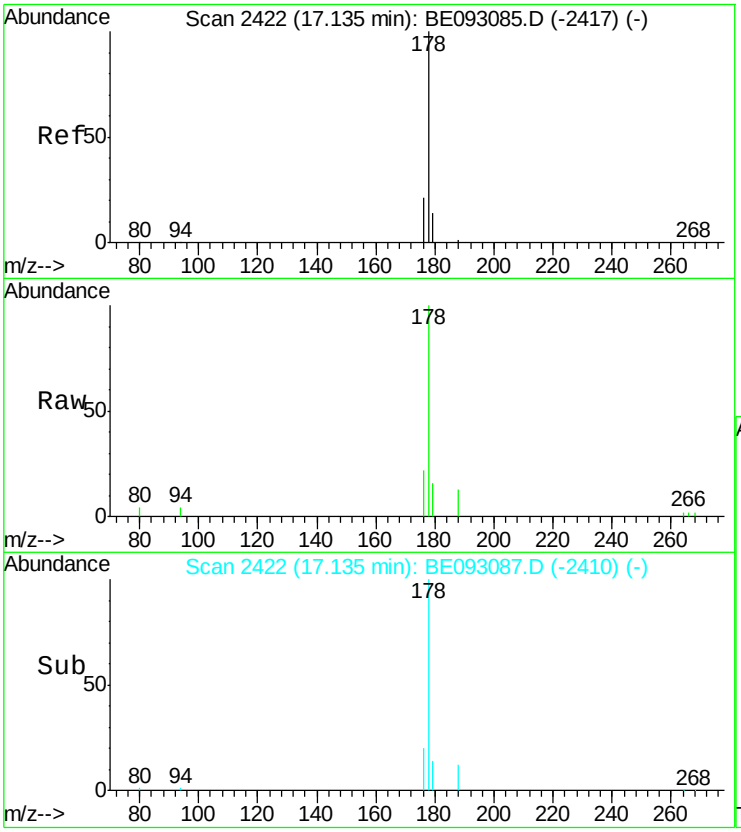


#11
Pentachlorophenol
Concen: 0.030 ng/ul
RT: 16.75 min Scan# 2400
Delta R.T. 0.00 min
Lab File: BE093087.D
Acq: 9 Jun 2017 12:31

Tgt Ion:266 Resp: 187

Ion	Ratio	Lower	Upper
266	100		
264	71.1	47.9	71.9
268	63.1	49.8	74.8





#12
Phenanthrene
Concen: 0.048 ng/ul
RT: 17.14 min Scan# 2422
Delta R.T. 0.00 min
Lab File: BE093087.D
Acq: 9 Jun 2017 12:31

Tgt Ion:178 Resp: 5545

Ion	Ratio	Lower	Upper
178	100		
179	16.1	18.4	27.6#
176	22.0	13.6	20.4#

Instrument :
BNA_E
ClientSampleId :
MDL-S-02

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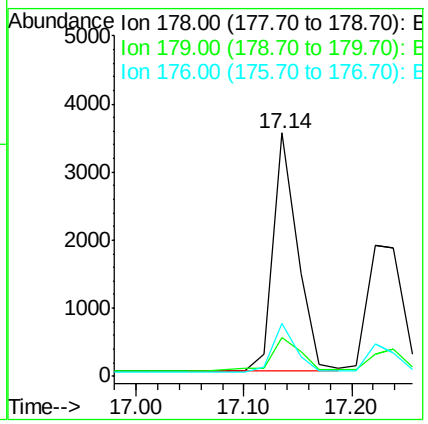
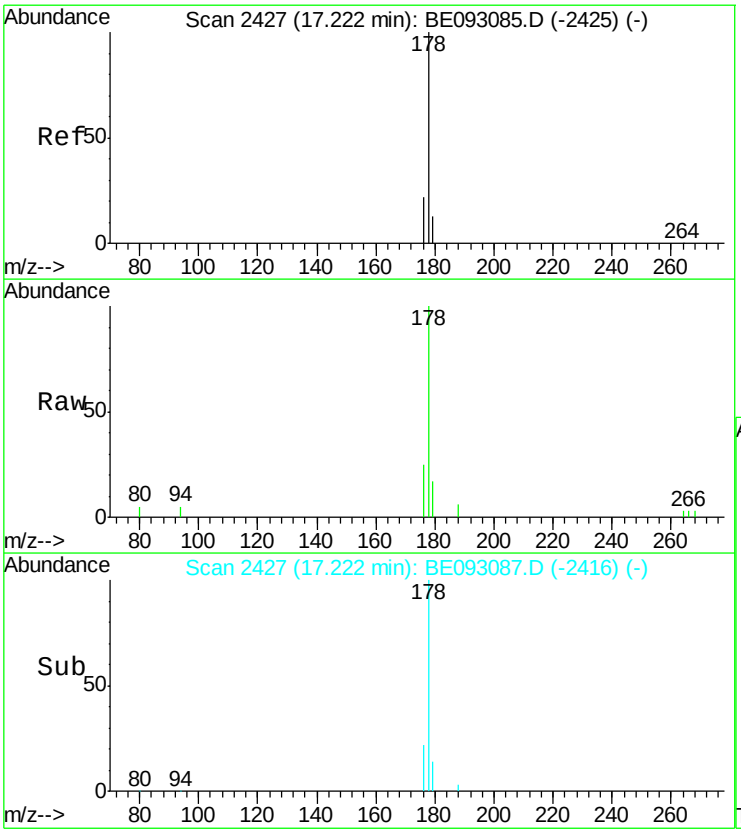
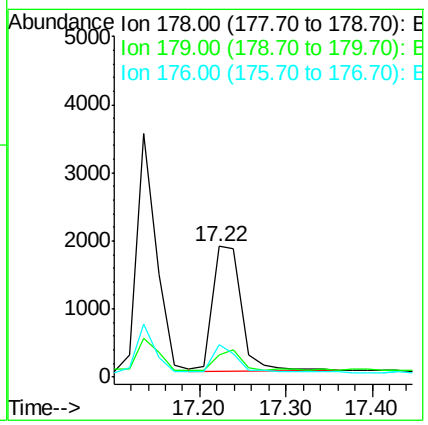


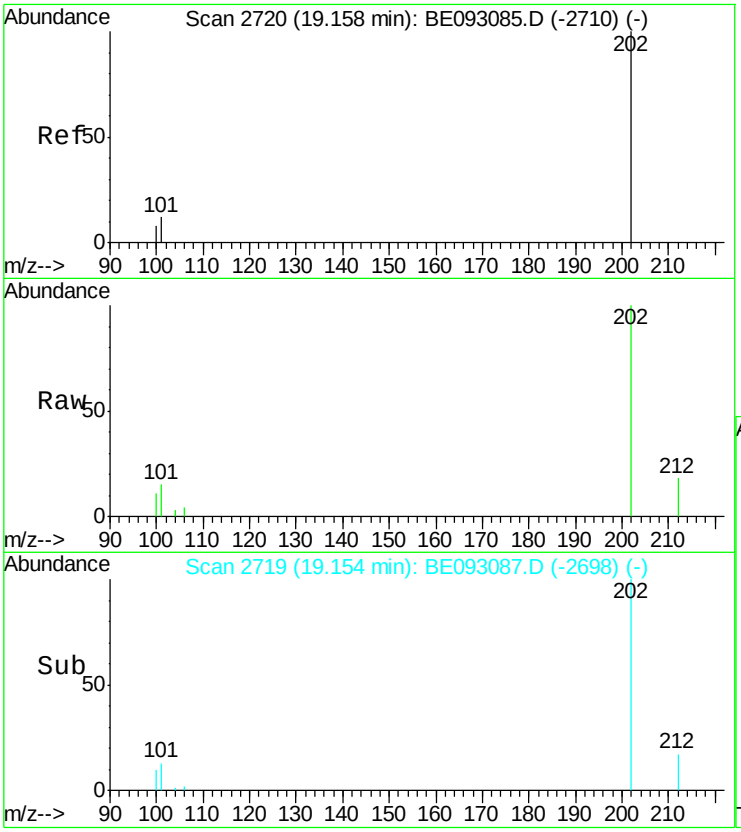


#13
Anthracene
Concen: 0.043 ng/ul
RT: 17.22 min Scan# 2427
Delta R.T. -0.02 min
Lab File: BE093087.D
Acq: 9 Jun 2017 12:31

Tgt Ion:178 Resp: 4292

Ion	Ratio	Lower	Upper
178	100		
179	17.3	18.1	27.1#
176	24.7	14.7	22.1#

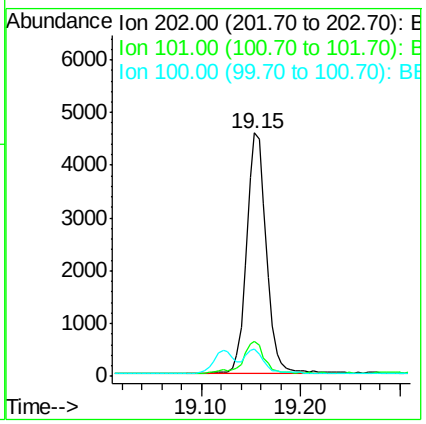




#15
Fluoranthene
Concen: 0.045 ng/ul
RT: 19.15 min Scan# 2719
Delta R.T. -0.00 min
Lab File: BE093087.D
Acq: 9 Jun 2017 12:31

Tgt Ion:202 Resp: 6348

Ion	Ratio	Lower	Upper
202	100		
101	14.5	0.0	30.3
100	11.3	0.0	39.5



Instrument :
BNA_E
ClientSampleId :
MDL-S-02

Manual Integrations APPROVED
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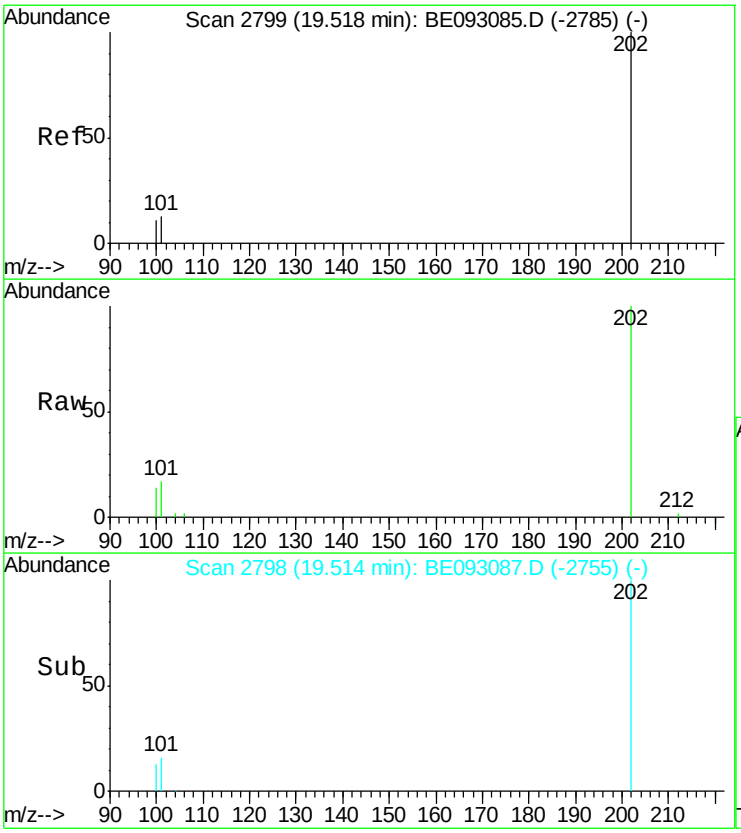
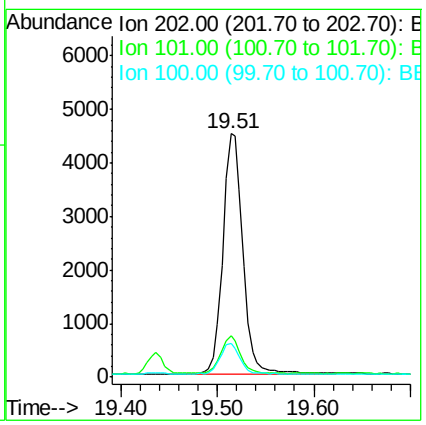
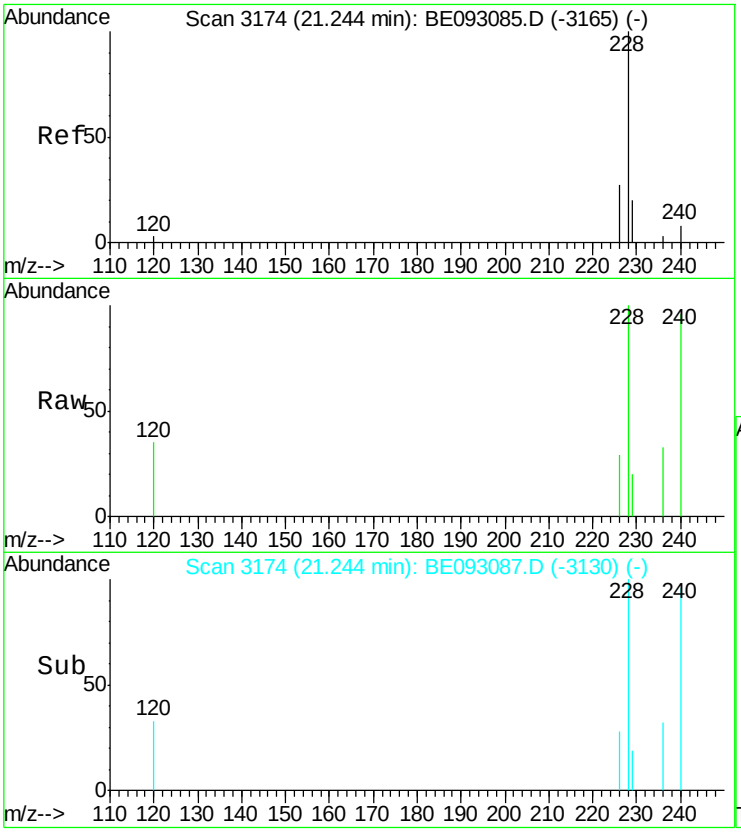


#17
Pyrene
Concen: 0.048 ng/ul
RT: 19.51 min Scan# 2798
Delta R.T. -0.00 min
Lab File: BE093087.D
Acq: 9 Jun 2017 12:31

Tgt Ion:202 Resp: 6522

Ion	Ratio	Lower	Upper
202	100		
101	16.9	18.2	27.4#
100	13.8	15.6	23.4#





#18
Benzo(a)anthracene
Concen: 0.045 ng/ul
RT: 21.24 min Scan# 3174
Delta R.T. -0.00 min
Lab File: BE093087.D
Acq: 9 Jun 2017 12:31

Tgt Ion:228 Resp: 5618

Ion	Ratio	Lower	Upper
228	100		
229	20.3	22.8	34.2#
226	28.5	17.0	25.6#

Instrument :
BNA_E
ClientSampleId :
MDL-S-02

Manual Integrations APPROVED
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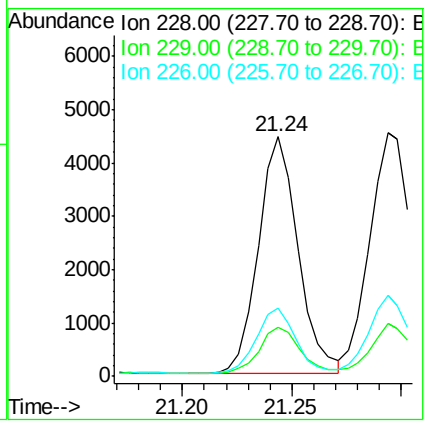
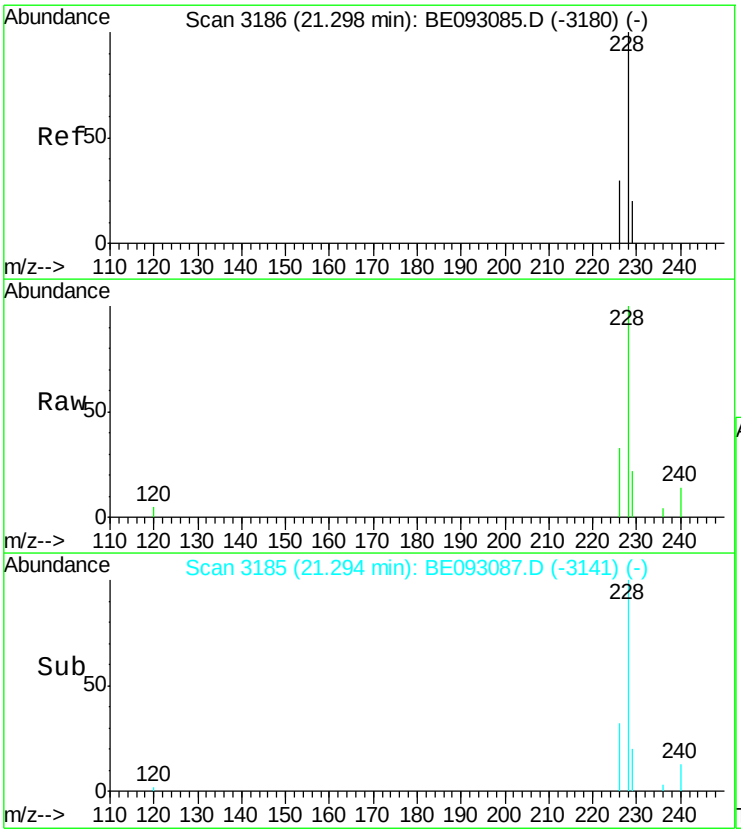
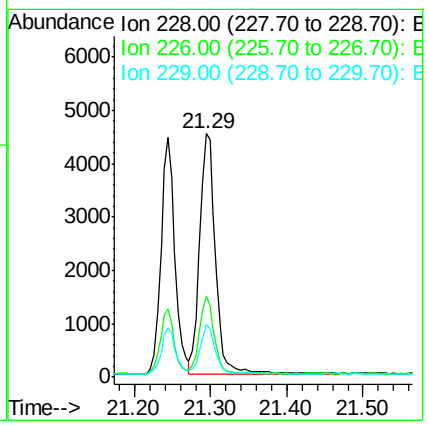


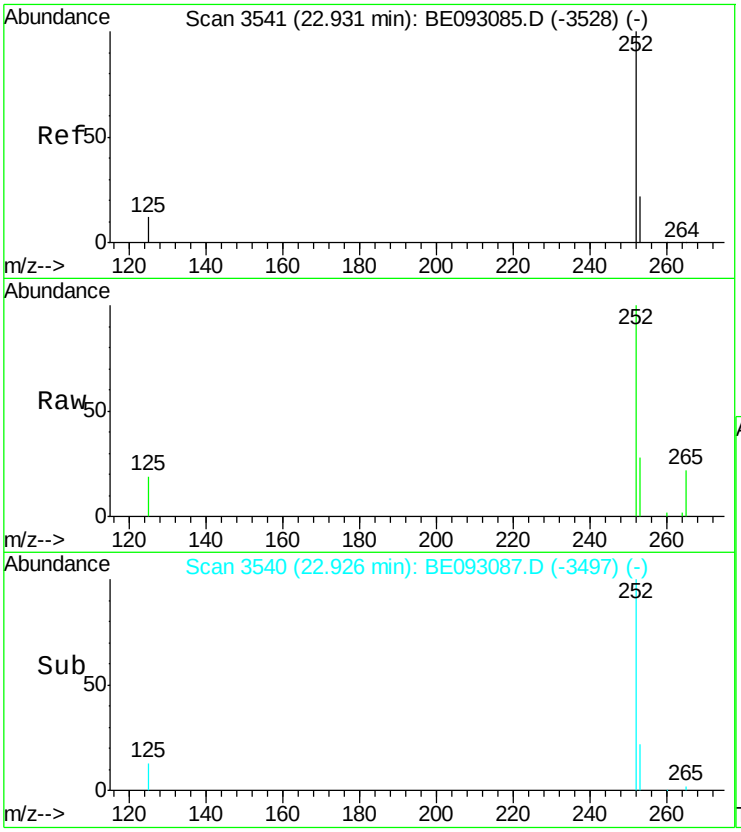


#19
Chrysene
Concen: 0.050 ng/ul
RT: 21.29 min Scan# 3185
Delta R.T. -0.00 min
Lab File: BE093087.D
Acq: 9 Jun 2017 12:31

Tgt Ion:228 Resp: 6454

Ion	Ratio	Lower	Upper
228	100		
226	33.2	23.4	35.0
229	21.5	17.7	26.5

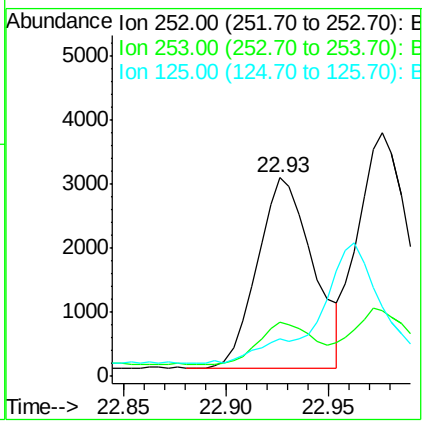




#21
Benzo(b)fluoranthene
Concen: 0.041 ng/ul
RT: 22.93 min Scan# 3540
Delta R.T. -0.00 min
Lab File: BE093087.D
Acq: 9 Jun 2017 12:31

Tgt Ion:252 Resp: 5630

Ion	Ratio	Lower	Upper
252	100		
253	27.5	0.0	64.2
125	19.0	0.0	35.0



Instrument :
BNA_E
ClientSampleId :
MDL-S-02

Manual Integrations APPROVED
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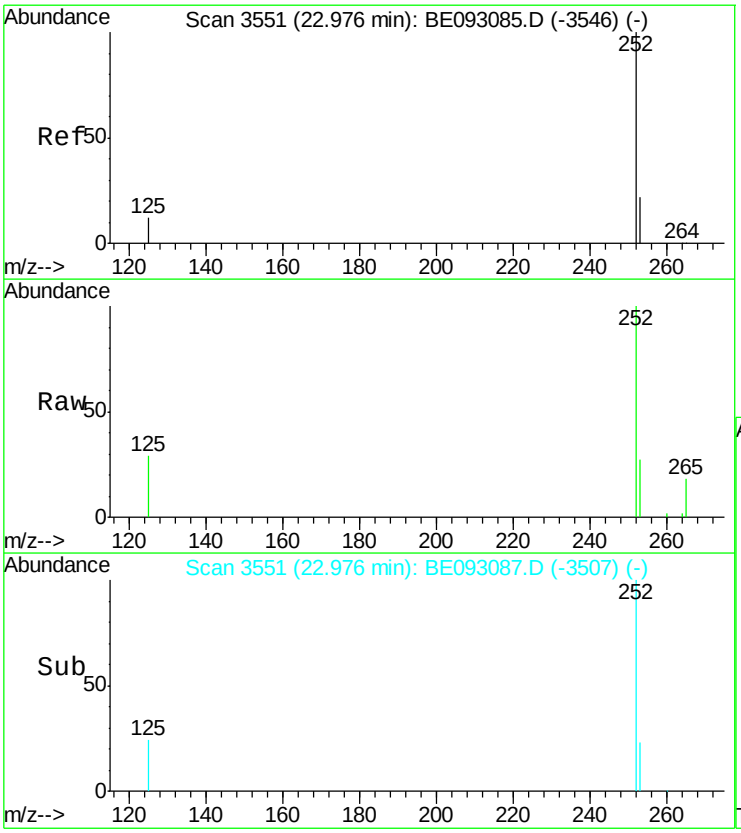
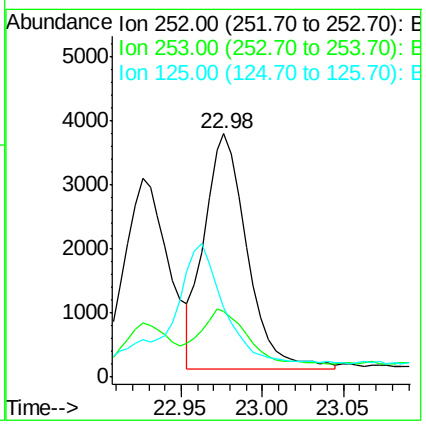
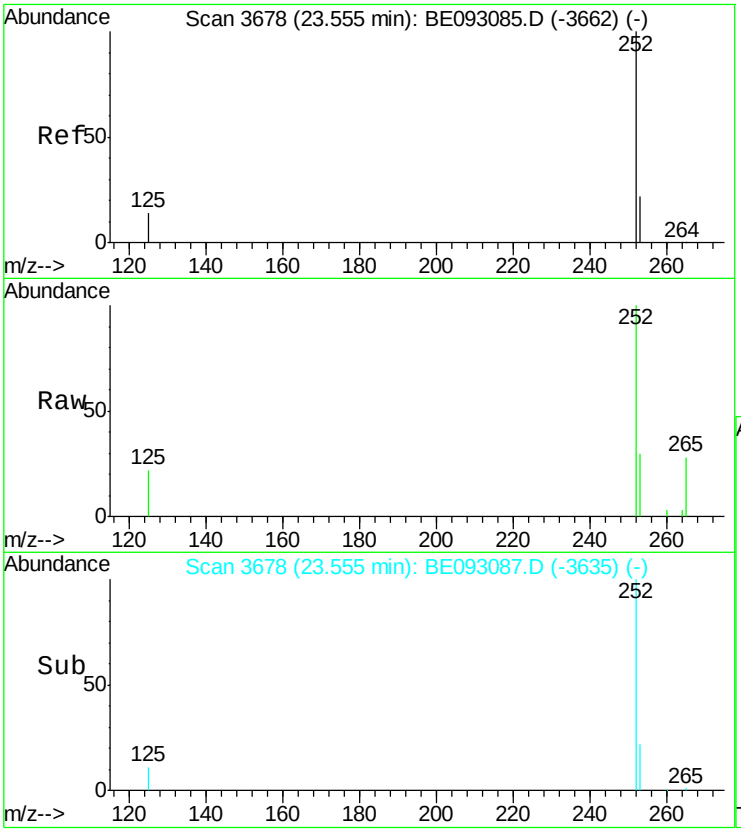


#22
Benzo(k)fluoranthene
Concen: 0.045 ng/ul m
RT: 22.98 min Scan# 3551
Delta R.T. 0.00 min
Lab File: BE093087.D
Acq: 9 Jun 2017 12:31

Tgt Ion:252 Resp: 6708

Ion	Ratio	Lower	Upper
252	100		
253	27.0	24.5	36.7
125	28.7	13.7	20.5#





#23
Benzo(a)pyrene
Concen: 0.041 ng/ul
RT: 23.55 min Scan# 3678
Delta R.T. -0.00 min
Lab File: BE093087.D
Acq: 9 Jun 2017 12:31

Tgt Ion:252 Resp: 5358

Ion	Ratio	Lower	Upper
252	100		
253	29.8	28.5	42.7
125	21.9	18.1	27.1

Instrument :
BNA_E
ClientSampleId :
MDL-S-02

Manual Integrations APPROVED
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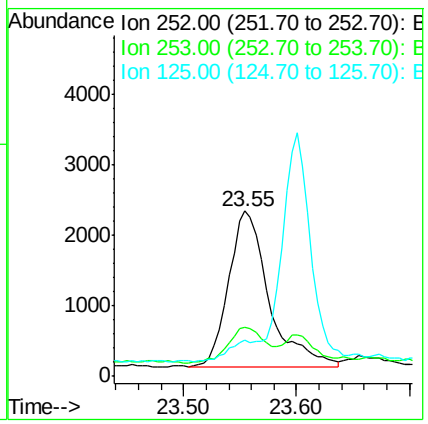
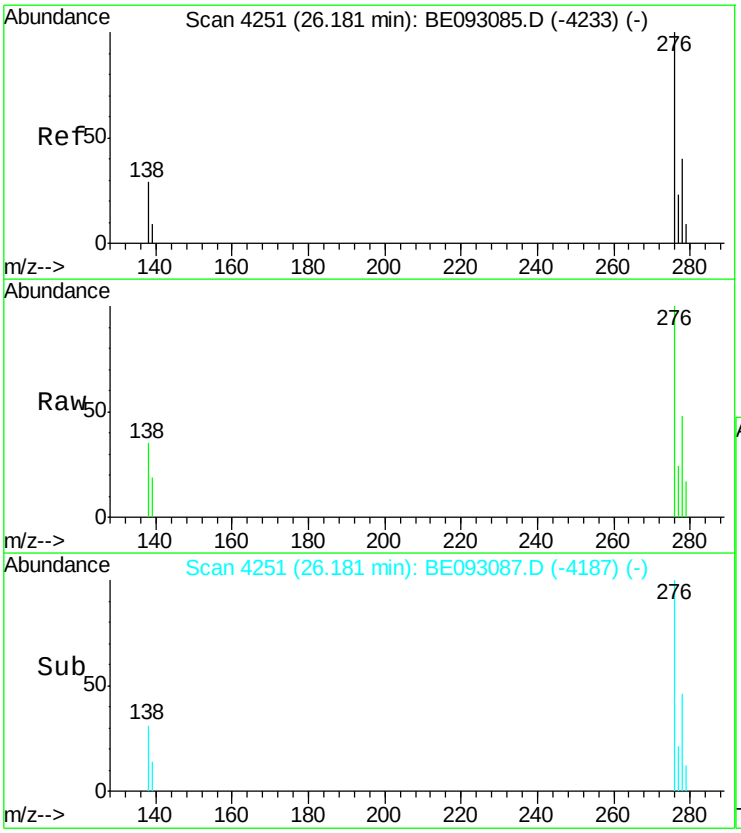
6/9/2017 5:41:53 PM

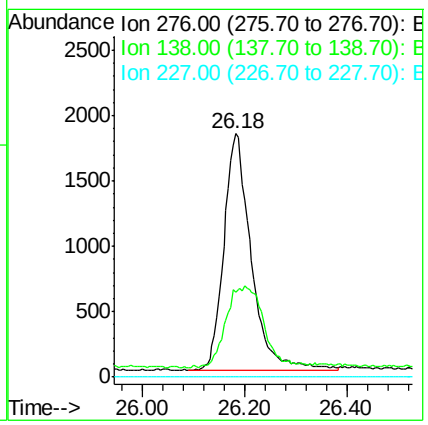


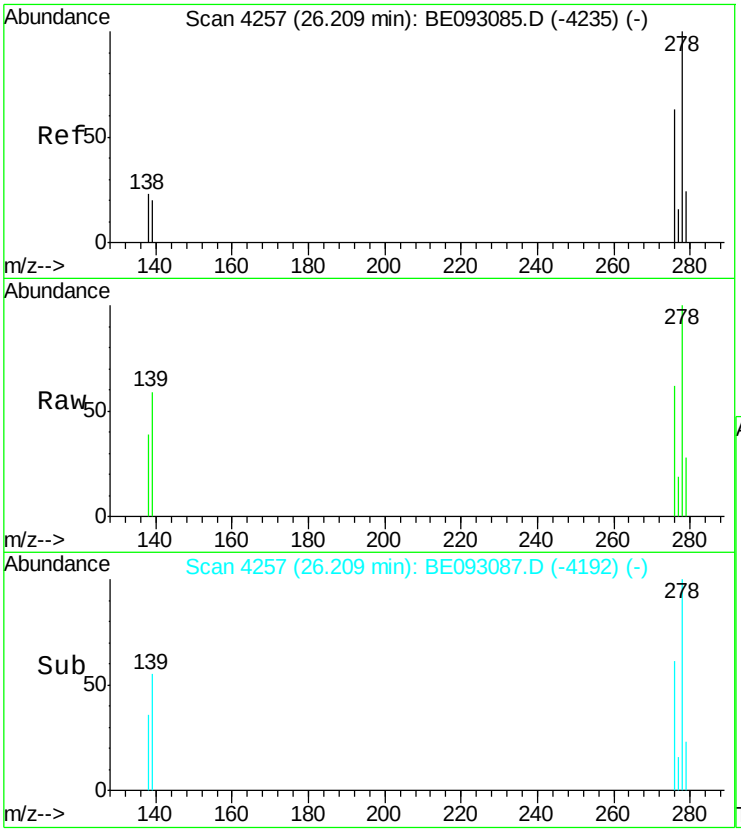


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.044 ng/ul
RT: 26.18 min Scan# 4251
Delta R.T. -0.01 min
Lab File: BE093087.D
Acq: 9 Jun 2017 12:31

Tgt Ion:276 Resp: 6738

Ion	Ratio	Lower	Upper
276	100		
138	46.1	28.0	42.0#
227	0.0	8.0	12.0#

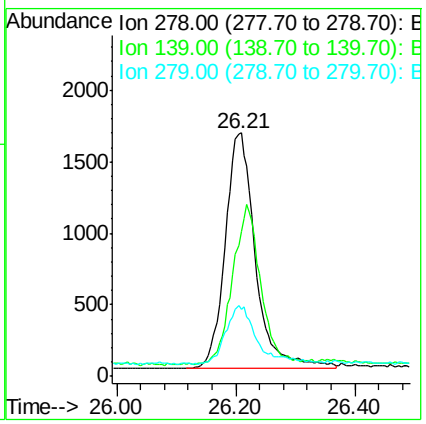




#25
Dibenzo(a,h)anthracene
Concen: 0.045 ng/ul
RT: 26.21 min Scan# 4257
Delta R.T. -0.00 min
Lab File: BE093087.D
Acq: 9 Jun 2017 12:31

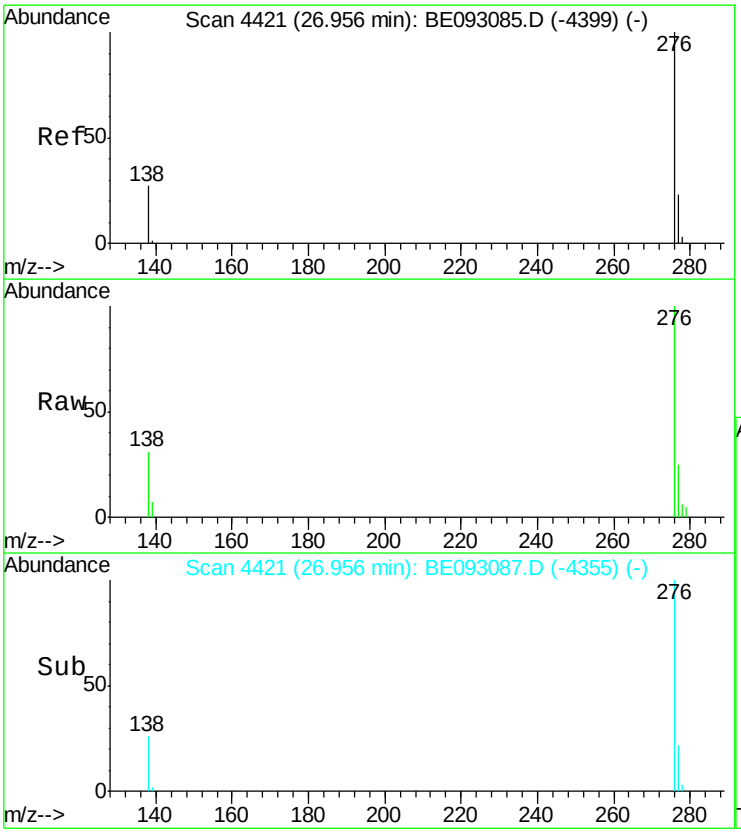
Tgt Ion:278 Resp: 5815

Ion	Ratio	Lower	Upper
278	100		
139	59.5	17.4	26.0#
279	27.6	25.9	38.9



Instrument :
BNA_E
ClientSampleId :
MDL-S-02

Manual Integrations APPROVED
mohammad
6/9/2017 5:41:53 PM



#26
Benzo(g,h,i)perylene
Concen: 0.044 ng/ul
RT: 26.96 min Scan# 4421
Delta R.T. 0.00 min
Lab File: BE093087.D
Acq: 9 Jun 2017 12:31

Tgt Ion:276 Resp: 5785

Ion	Ratio	Lower	Upper
276	100		
138	30.8	21.8	32.8
277	24.7	20.5	30.7