Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE060917\
Data File : BE093086.D
Acq On : 9 Jun 2017 11:55
Operator : SJ/MA
Sample : MDL-S-01
Misc : 0.07 PPM
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : MDL-S-01

Manual Integrations APPROVED
mohammad
6/9/2017 5:41:51 PM

Quant Time: Jun 09 15:21:24 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	4246	0.40	ng/ul	0.00
2) Naphthalene-d8	10.52	136	19040	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.37	164	9496	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.10	188	26099	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	30291	0.40	ng/ul	0.00
20) Perylene-d12	23.67	264	27694	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.11	152	10609	0.38	ng/ul	0.00
14) Fluoranthene-d10	19.13	212	26042	0.37	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.57	128	2632	0.056	ng/ul#	94
5) 2-Methylnaphthalene	12.19	142	1649	0.051	ng/ul	100
7) Acenaphthylene	14.09	152	1969	0.048	ng/ul	98
8) Acenaphthene	14.43	153	1781	0.054	ng/ul	98
9) Fluorene	15.42	166	1915	0.050	ng/ul	90
11) Pentachlorophenol	16.75	266	155	0.040	ng/ul	87
12) Phenanthrene	17.13	178	3835m	0.053	ng/ul	
13) Anthracene	17.24	178	3034	0.049	ng/ul	99
15) Fluoranthene	19.16	202	4492	0.051	ng/ul	83
17) Pyrene	19.52	202	4662	0.052	ng/ul#	85
18) Benzo(a)anthracene	21.24	228	4032	0.050	ng/ul#	86
19) Chrysene	21.29	228	4624	0.055	ng/ul	96
21) Benzo(b)fluoranthene	22.93	252	4020	0.048	ng/ul	94
22) Benzo(k)fluoranthene	22.98	252	4345	0.049	ng/ul#	95
23) Benzo(a)pyrene	23.55	252	3861	0.049	ng/ul	94
24) Indeno(1,2,3-cd)pyrene	26.18	276	4515	0.049	ng/ul#	91
25) Dibenzo(a,h)anthracene	26.21	278	3972	0.051	ng/ul#	86
26) Benzo(g,h,i)perylene	26.96	276	4078	0.052	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 : BE093086.D
Acq On : 9 Jun 2017 11:55
Operator : SJ/MA
Sample : MDL-S-01
Misc : 0.07 PPM
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 09 15:21:24 2017
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QLast Update : Thu Jun 08 17:42:17 2017
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Instrument :
BNA_E
ClientSampleId :
MDL-S-01

Manual Integrations APPROVED
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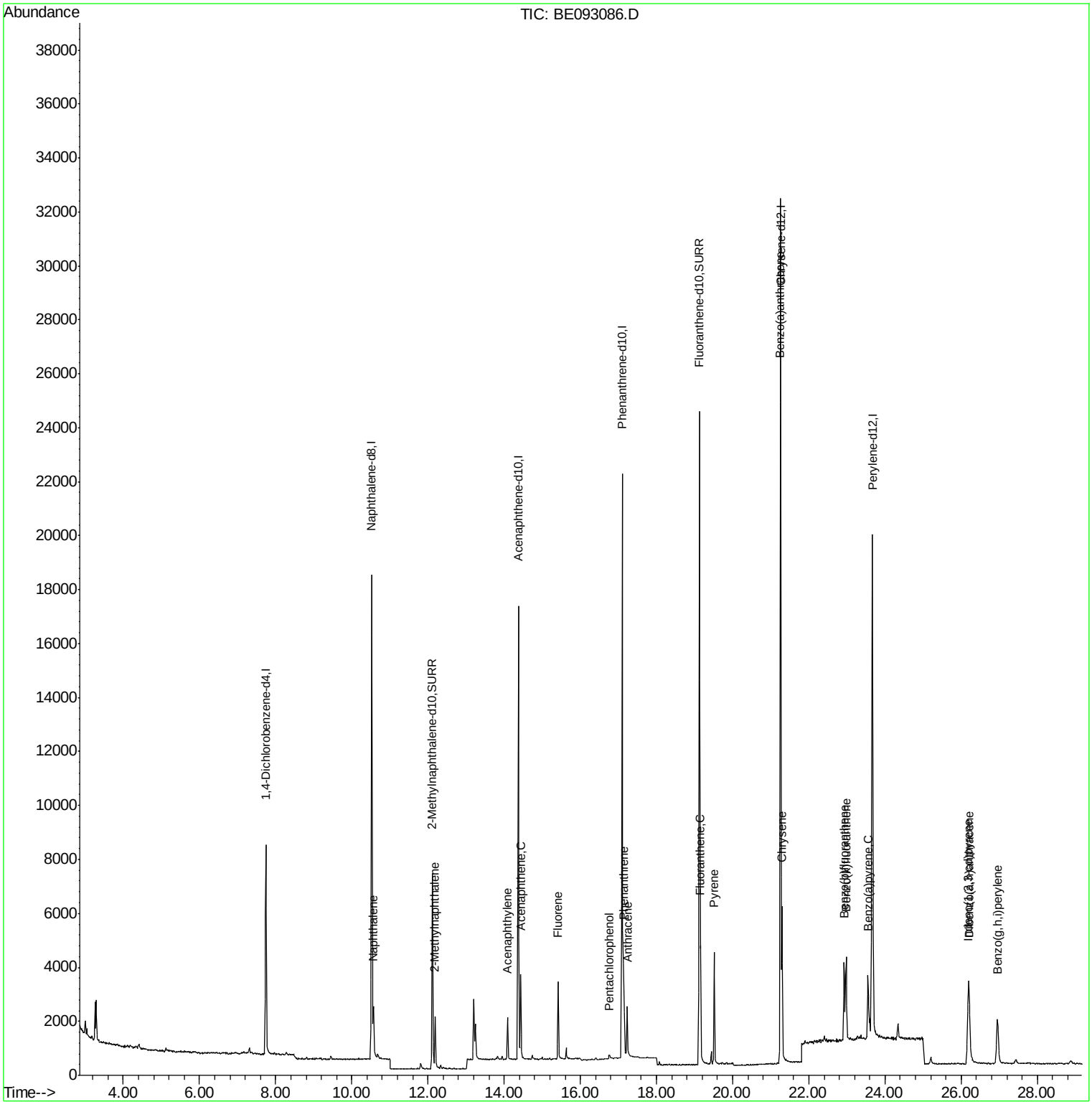

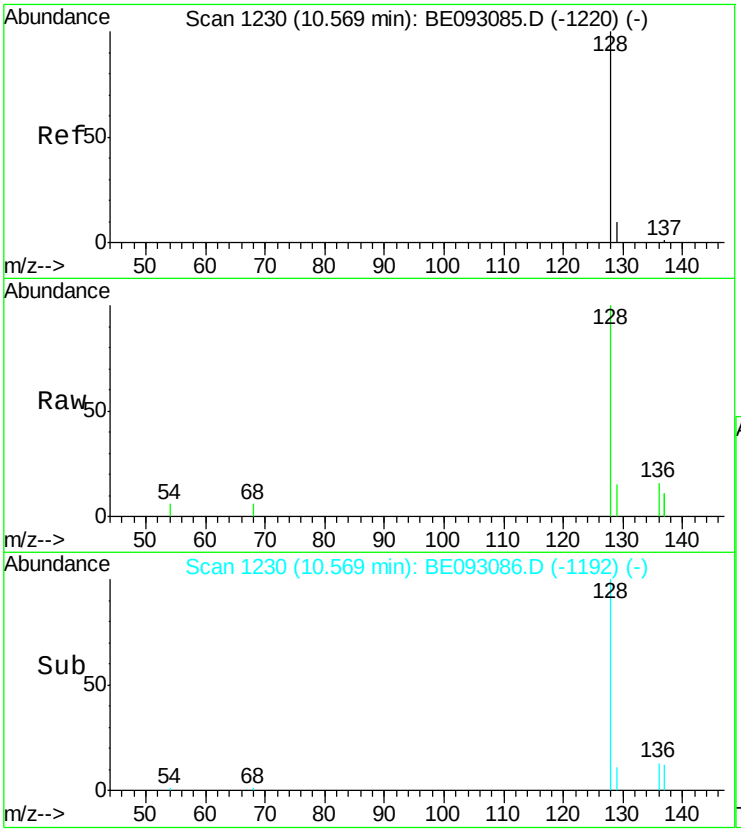

#3
Naphthalene
Concen: 0.056 ng/ul
RT: 10.57 min Scan# 1230
Delta R.T. -0.00 min
Lab File: BE093086.D
Acq: 9 Jun 2017 11:55

Tgt Ion:128 Resp: 2632

Ion	Ratio	Lower	Upper
128	100		
129	15.0	11.3	16.9
127	0.0	4.0	6.0#

Instrument :
BNA_E
ClientSampleId :
MDL-S-01

Manual Integrations APPROVED
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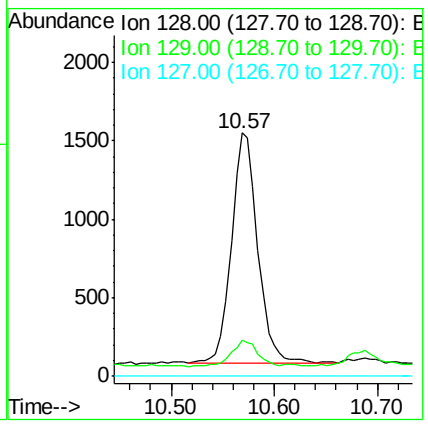
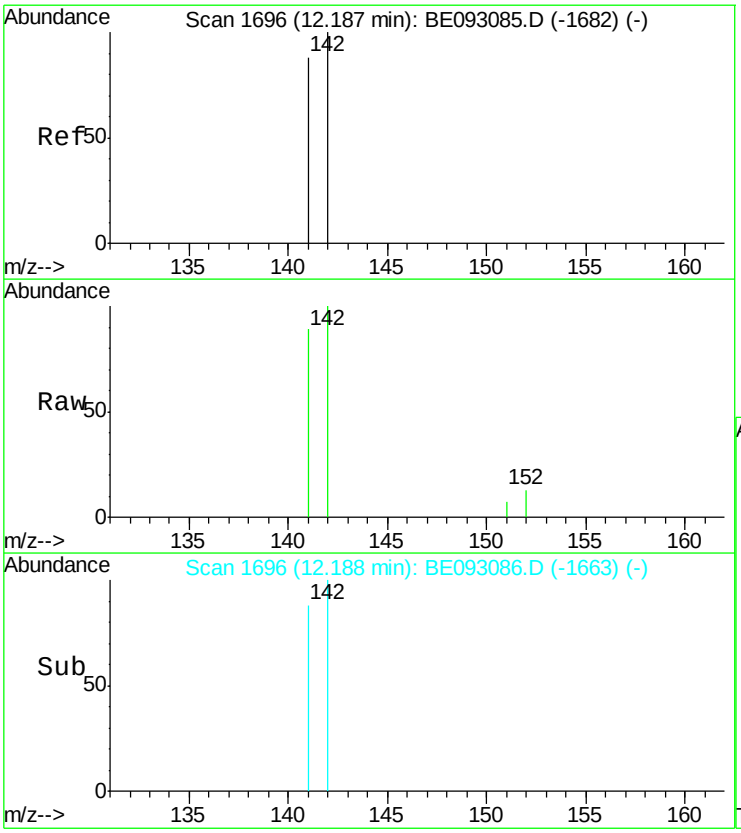
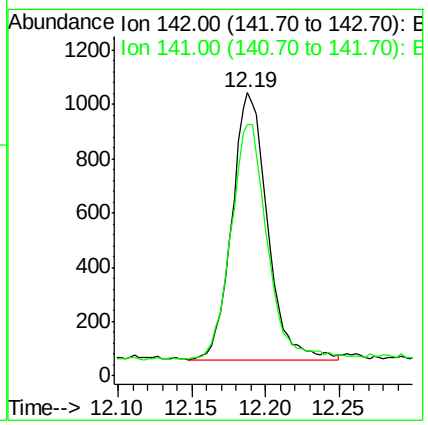


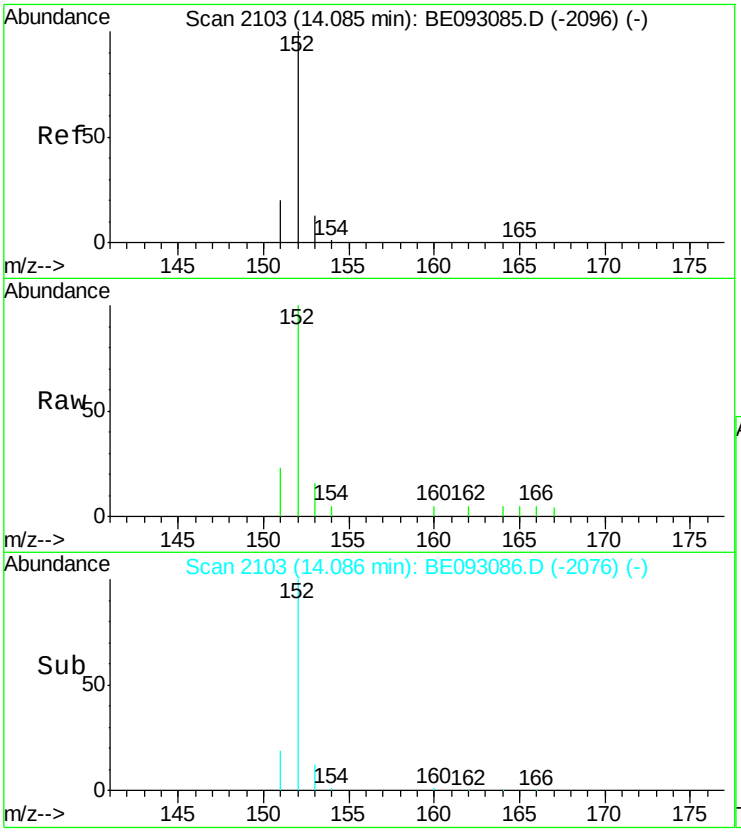


#5
2-Methylnaphthalene
Concen: 0.051 ng/ul
RT: 12.19 min Scan# 1696
Delta R.T. -0.00 min
Lab File: BE093086.D
Acq: 9 Jun 2017 11:55

Tgt Ion:142 Resp: 1649

Ion	Ratio	Lower	Upper
142	100		
141	90.8	72.6	108.8

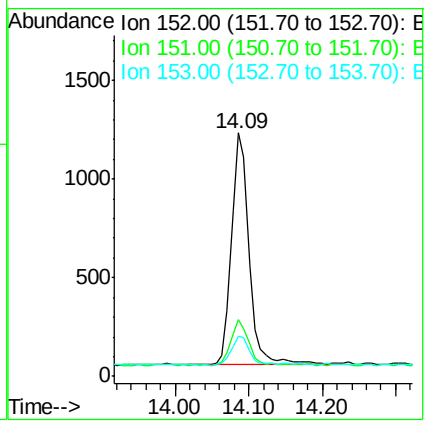




#7
Acenaphthylene
Concen: 0.048 ng/ul
RT: 14.09 min Scan# 2103
Delta R.T. 0.00 min
Lab File: BE093086.D
Acq: 9 Jun 2017 11:55

Tgt Ion:152 Resp: 1969

Ion	Ratio	Lower	Upper
152	100		
151	23.1	17.1	25.7
153	16.4	12.8	19.2



Instrument :
BNA_E
ClientSampleId :
MDL-S-01

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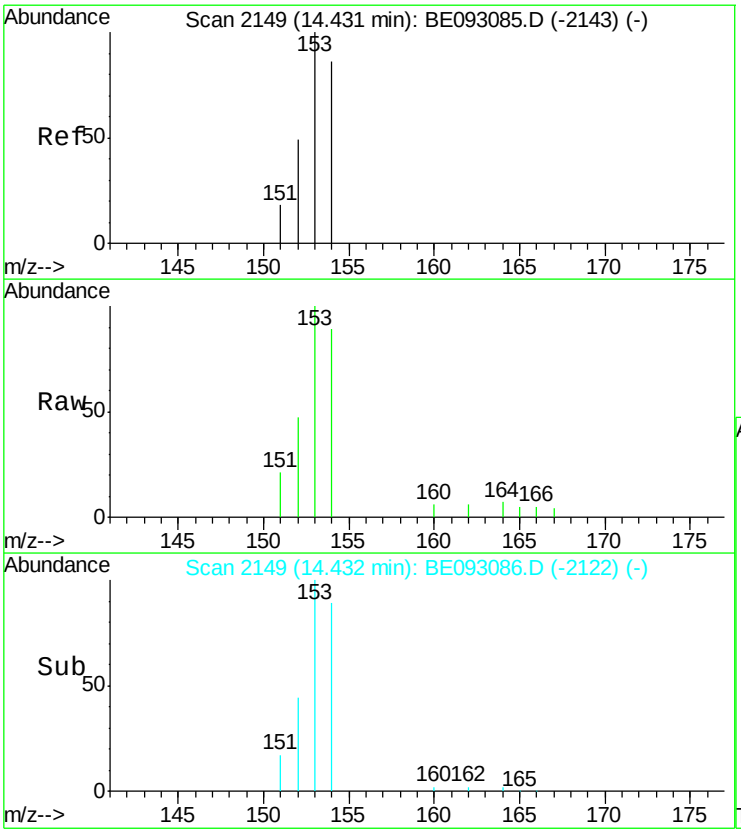
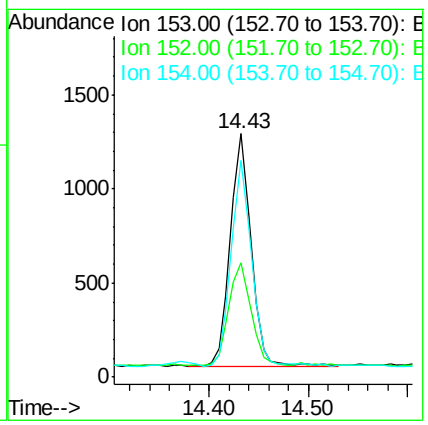
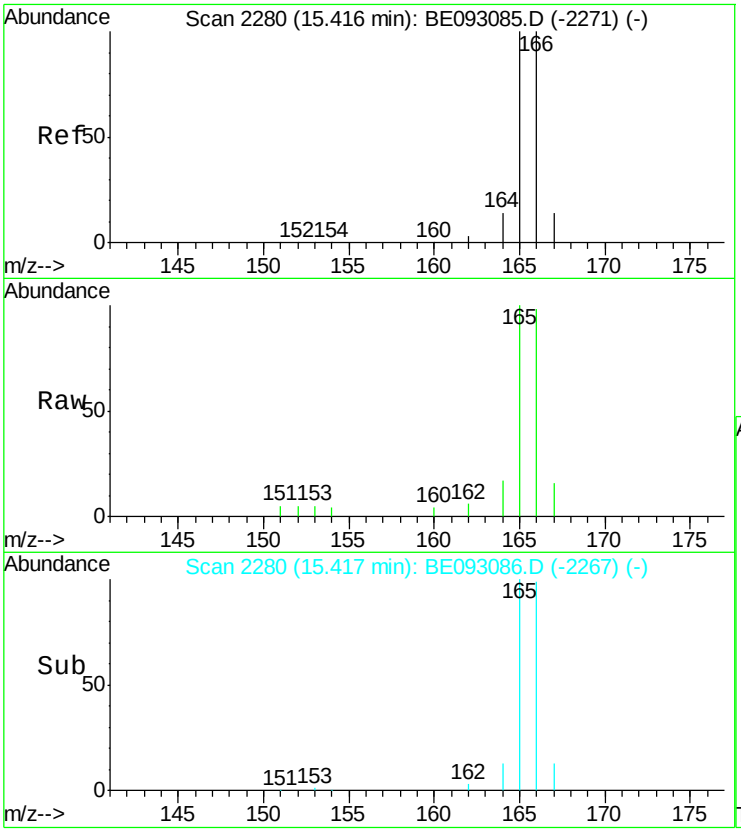


#8
Acenaphthene
Concen: 0.054 ng/ul
RT: 14.43 min Scan# 2149
Delta R.T. 0.00 min
Lab File: BE093086.D
Acq: 9 Jun 2017 11:55

Tgt Ion:153 Resp: 1781

Ion	Ratio	Lower	Upper
153	100		
152	46.8	40.3	60.5
154	88.8	71.4	107.2

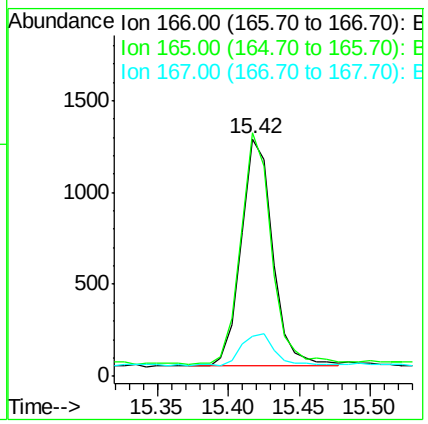




#9
Fluorene
Concen: 0.050 ng/ul
RT: 15.42 min Scan# 2280
Delta R.T. 0.00 min
Lab File: BE093086.D
Acq: 9 Jun 2017 11:55

Tgt Ion:166 Resp: 1915

Ion	Ratio	Lower	Upper
166	100		
165	102.4	73.4	110.2
167	16.8	14.6	22.0



Instrument :
BNA_E
ClientSampleId :
MDL-S-01

Manual Integrations APPROVED
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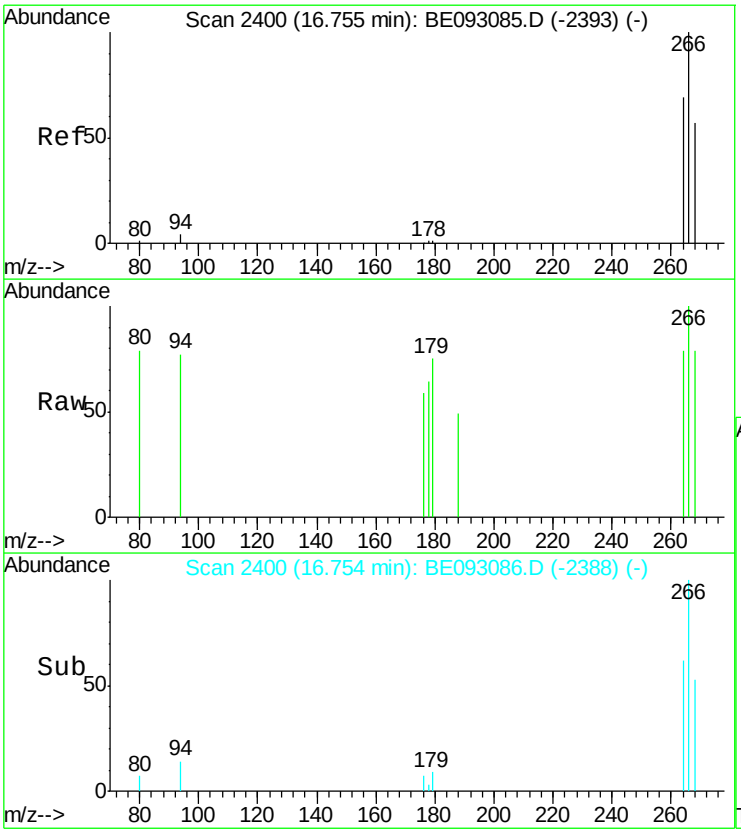
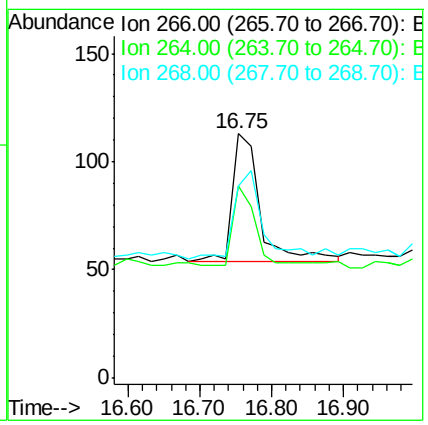
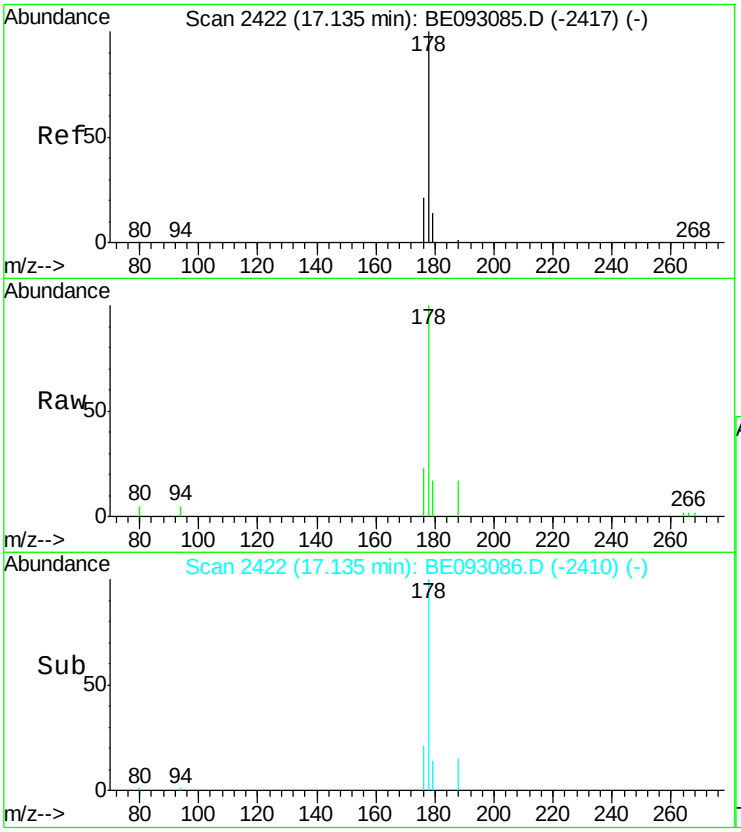


#11
Pentachlorophenol
Concen: 0.040 ng/ul
RT: 16.75 min Scan# 2400
Delta R.T. -0.00 min
Lab File: BE093086.D
Acq: 9 Jun 2017 11:55

Tgt Ion:266 Resp: 155

Ion	Ratio	Lower	Upper
266	100		
264	49.7	47.9	71.9
268	71.6	49.8	74.8

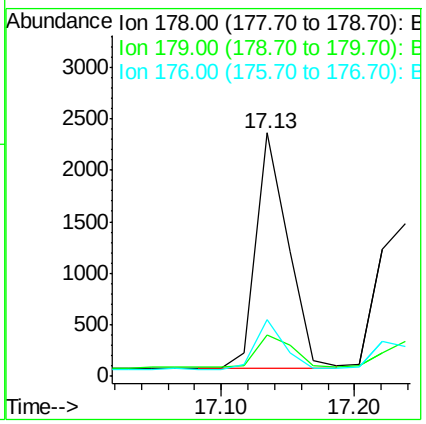




#12
Phenanthrene
Concen: 0.053 ng/ul m
RT: 17.13 min Scan# 2422
Delta R.T. -0.00 min
Lab File: BE093086.D
Acq: 9 Jun 2017 11:55

Tgt Ion:178 Resp: 3835

Ion	Ratio	Lower	Upper
178	100		
179	17.2	18.4	27.6#
176	23.1	13.6	20.4#



Instrument :
BNA_E
ClientSampleId :
MDL-S-01

Manual Integrations APPROVED
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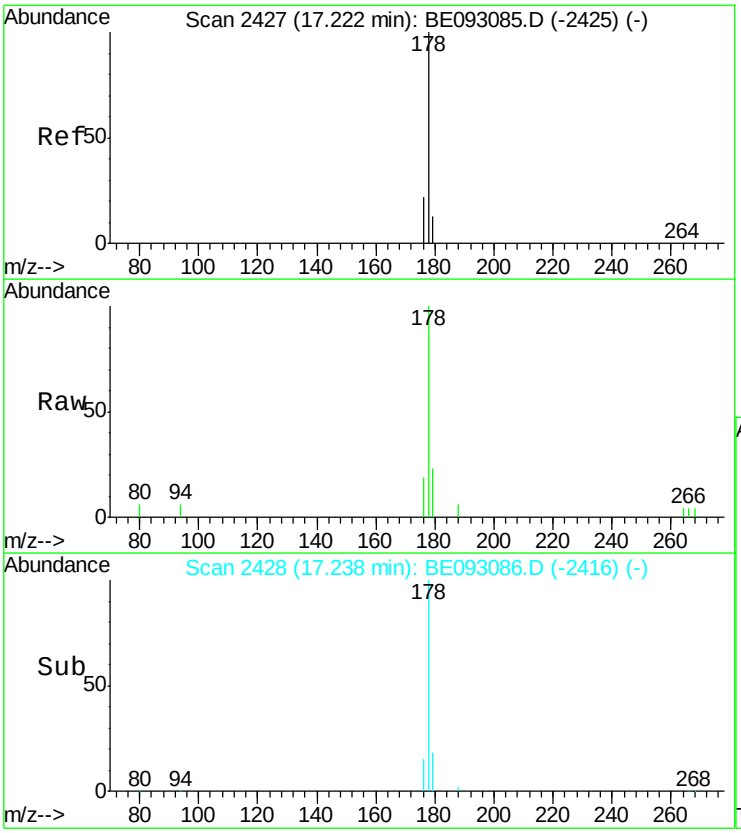
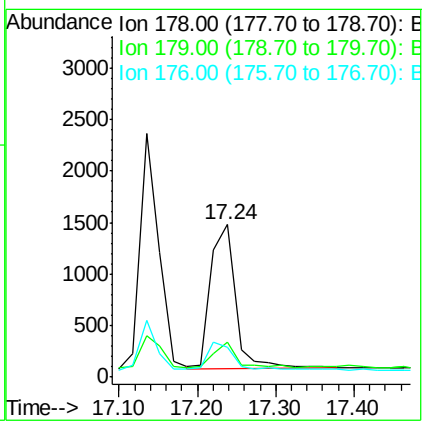
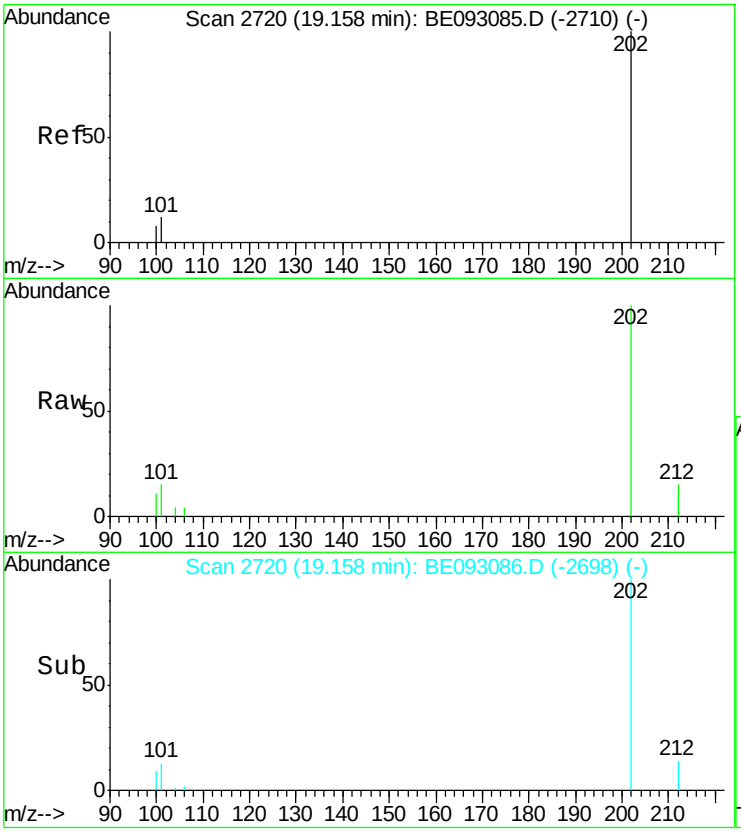


#13
Anthracene
Concen: 0.049 ng/ul
RT: 17.24 min Scan# 2428
Delta R.T. -0.00 min
Lab File: BE093086.D
Acq: 9 Jun 2017 11:55

Tgt Ion:178 Resp: 3034

Ion	Ratio	Lower	Upper
178	100		
179	22.6	18.1	27.1
176	19.2	14.7	22.1

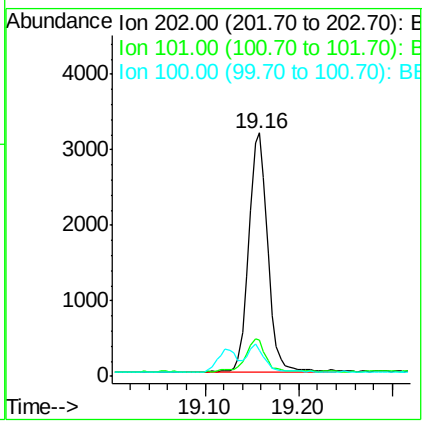




#15
Fluoranthene
Concen: 0.051 ng/ul
RT: 19.16 min Scan# 2720
Delta R.T. -0.00 min
Lab File: BE093086.D
Acq: 9 Jun 2017 11:55

Tgt Ion:202 Resp: 4492

Ion	Ratio	Lower	Upper
202	100		
101	15.0	0.0	30.3
100	10.9	0.0	39.5



Instrument :
BNA_E
ClientSampleId :
MDL-S-01

Manual Integrations APPROVED
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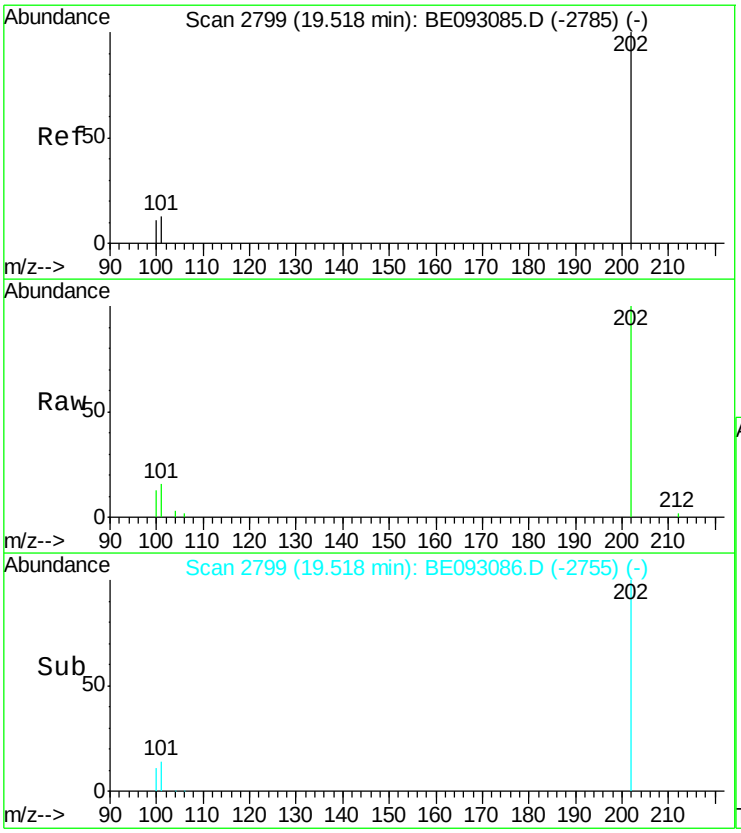
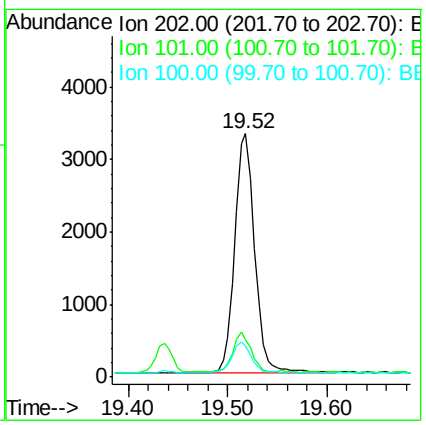
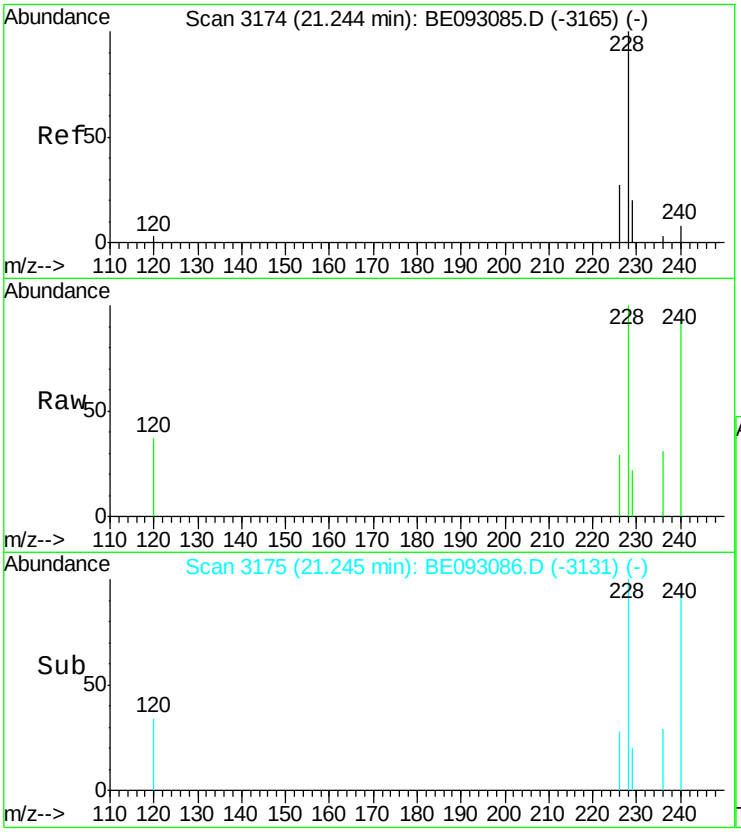


#17
Pyrene
Concen: 0.052 ng/ul
RT: 19.52 min Scan# 2799
Delta R.T. -0.00 min
Lab File: BE093086.D
Acq: 9 Jun 2017 11:55

Tgt Ion:202 Resp: 4662

Ion	Ratio	Lower	Upper
202	100		
101	15.7	18.2	27.4#
100	12.8	15.6	23.4#





#18
Benzo(a)anthracene
Concen: 0.050 ng/ul
RT: 21.24 min Scan# 3175
Delta R.T. -0.00 min
Lab File: BE093086.D
Acq: 9 Jun 2017 11:55

Tgt Ion:228 Resp: 4032

Ion	Ratio	Lower	Upper
228	100		
229	22.0	22.8	34.2#
226	28.9	17.0	25.6#

Instrument :
BNA_E
ClientSampleId :
MDL-S-01

Manual Integrations APPROVED
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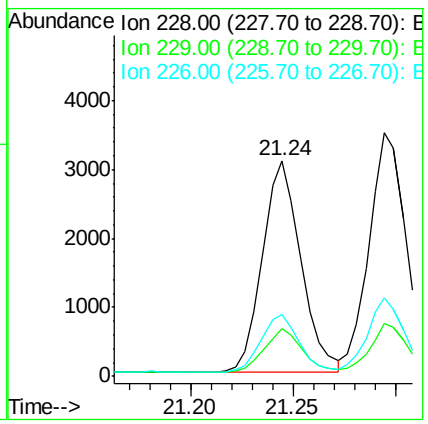
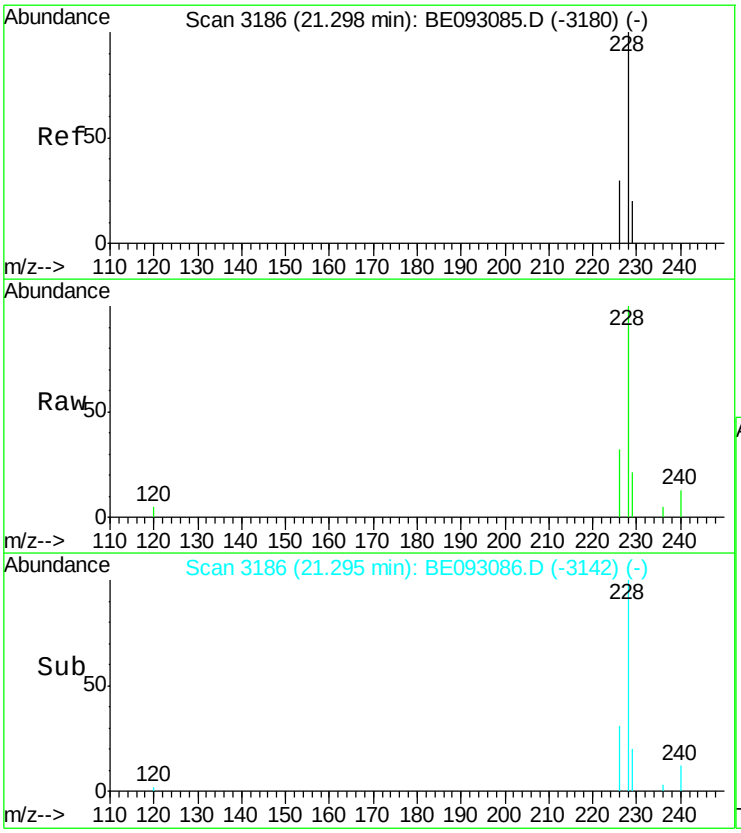
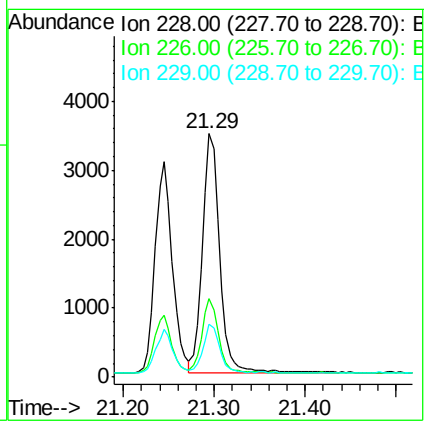


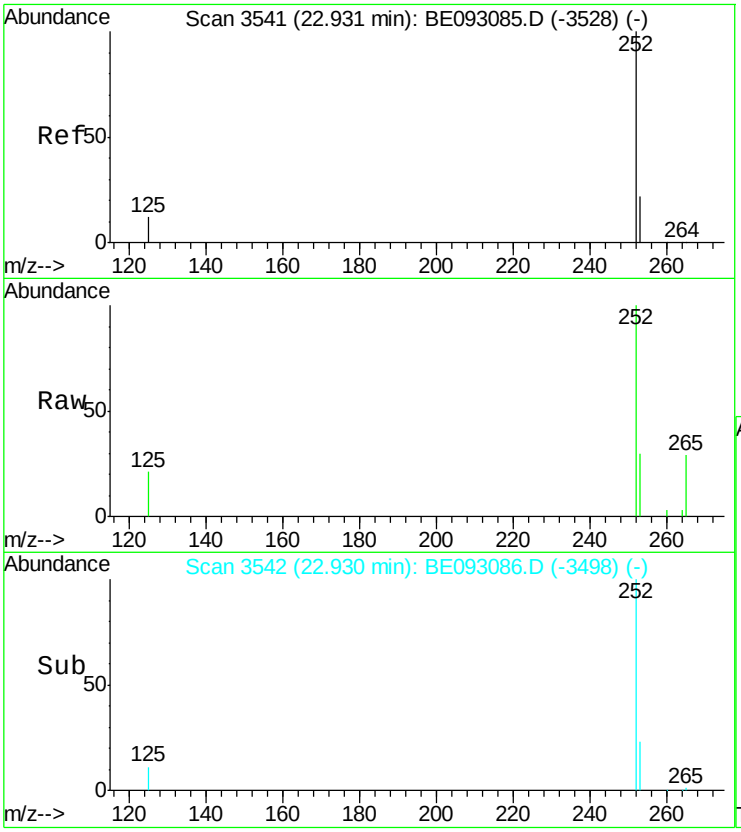


#19
Chrysene
Concen: 0.055 ng/ul
RT: 21.29 min Scan# 3186
Delta R.T. -0.00 min
Lab File: BE093086.D
Acq: 9 Jun 2017 11:55

Tgt Ion:228 Resp: 4624

Ion	Ratio	Lower	Upper
228	100		
226	32.5	23.4	35.0
229	21.5	17.7	26.5





#21
Benzo(b)fluoranthene
Concen: 0.048 ng/ul
RT: 22.93 min Scan# 3542
Delta R.T. -0.00 min
Lab File: BE093086.D
Acq: 9 Jun 2017 11:55

Tgt Ion:252 Resp: 4020

Ion	Ratio	Lower	Upper
252	100		
253	29.9	0.0	64.2
125	21.4	0.0	35.0

Instrument :
BNA_E
ClientSampleId :
MDL-S-01

Manual Integrations APPROVED
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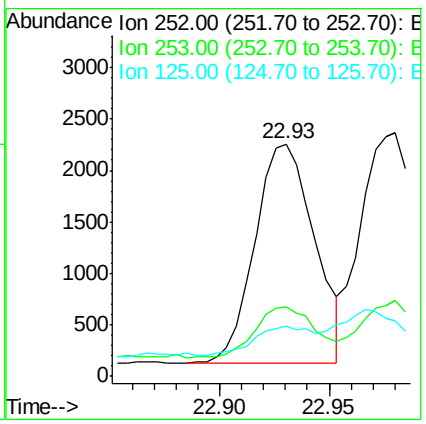
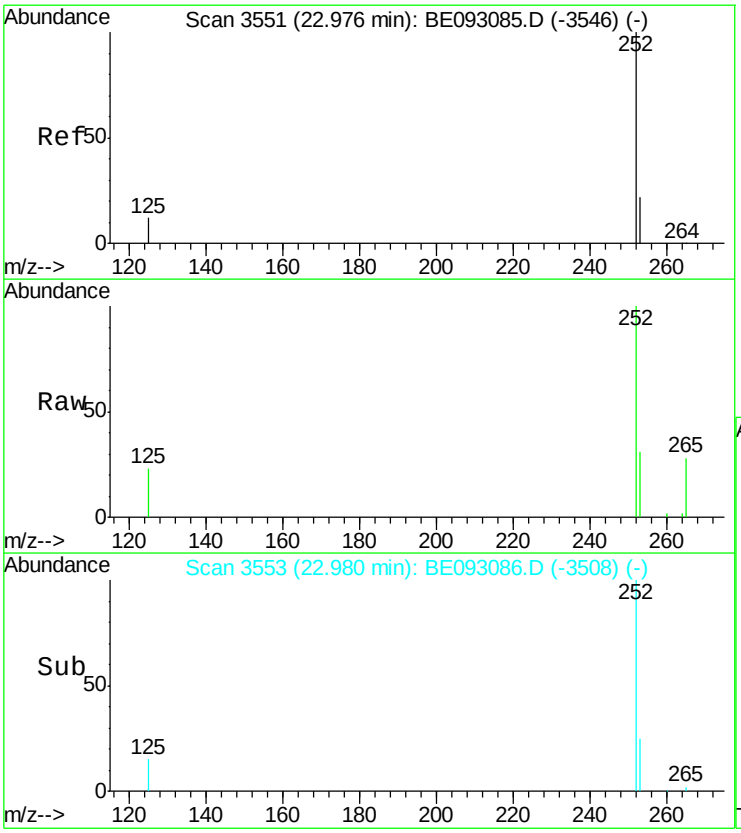
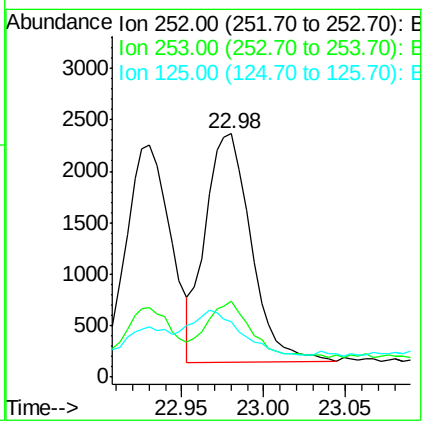


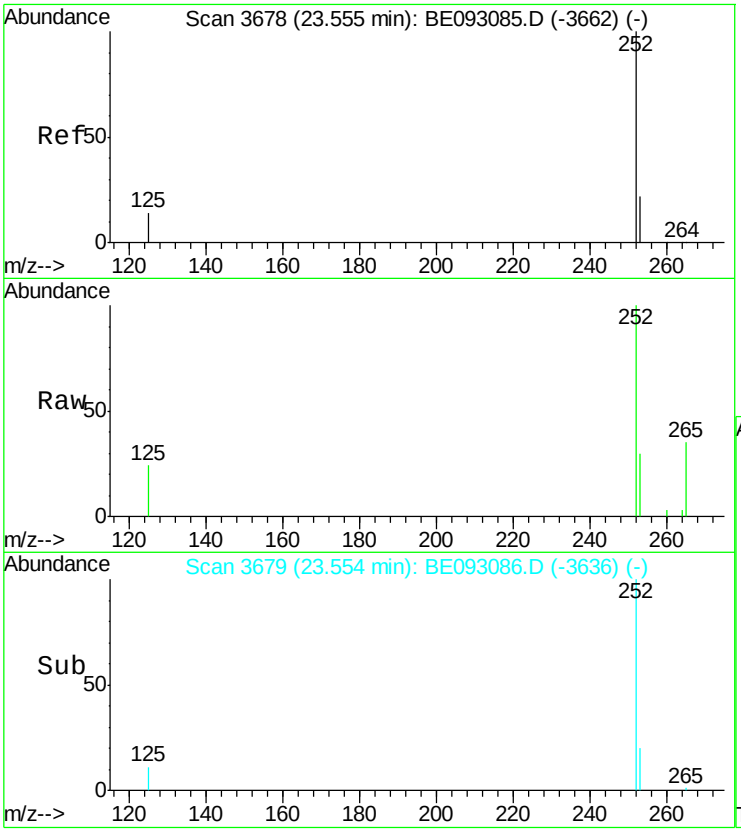


#22
Benzo(k)fluoranthene
Concen: 0.049 ng/ul
RT: 22.98 min Scan# 3553
Delta R.T. 0.00 min
Lab File: BE093086.D
Acq: 9 Jun 2017 11:55

Tgt Ion:252 Resp: 4345

Ion	Ratio	Lower	Upper
252	100		
253	31.1	24.5	36.7
125	22.6	13.7	20.5#





#23
Benzo(a)pyrene
Concen: 0.049 ng/ul
RT: 23.55 min Scan# 3679
Delta R.T. -0.00 min
Lab File: BE093086.D
Acq: 9 Jun 2017 11:55

Tgt Ion:252 Resp: 3861

Ion	Ratio	Lower	Upper
252	100		
253	30.3	28.5	42.7
125	23.7	18.1	27.1

Instrument :
BNA_E
ClientSampleId :
MDL-S-01

Manual Integrations APPROVED
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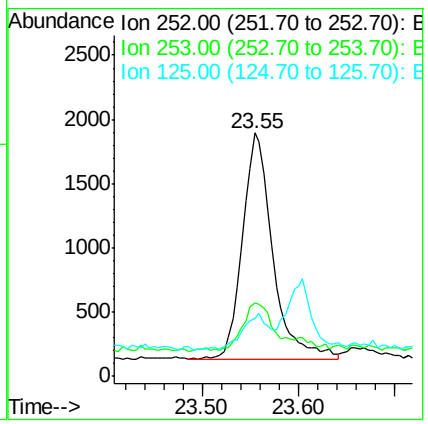
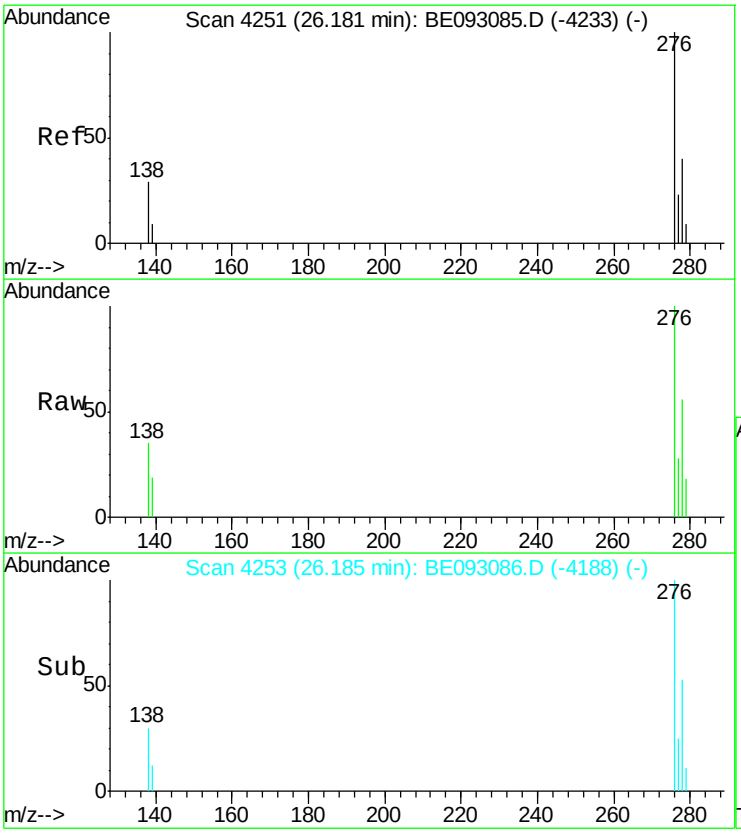
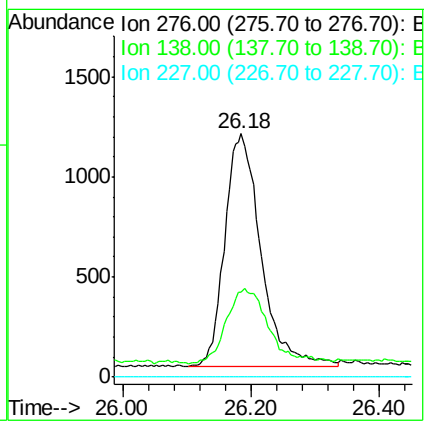


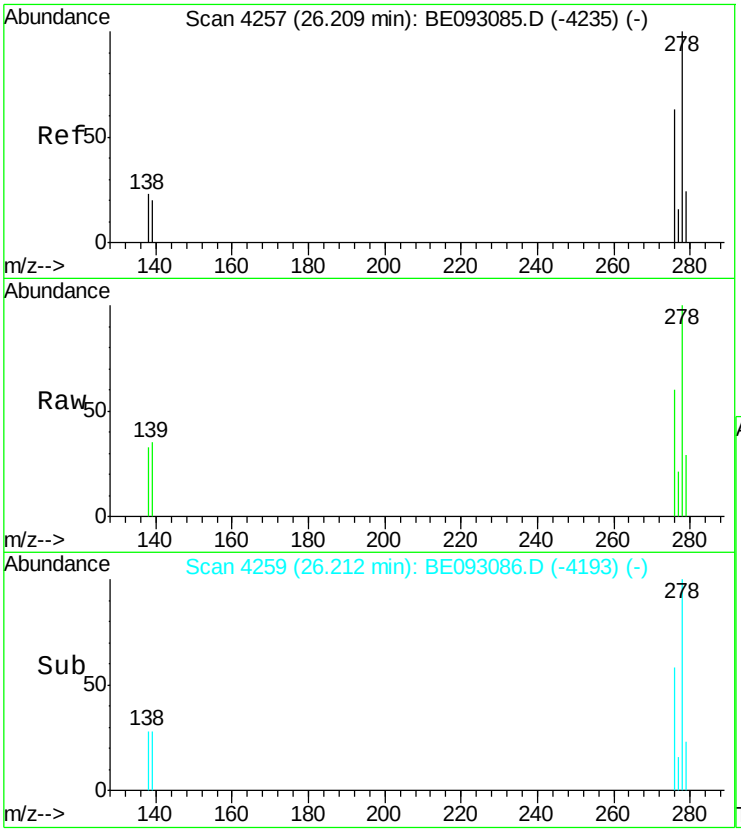


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.049 ng/ul
RT: 26.18 min Scan# 4253
Delta R.T. -0.00 min
Lab File: BE093086.D
Acq: 9 Jun 2017 11:55

Tgt Ion:276 Resp: 4515

Ion	Ratio	Lower	Upper
276	100		
138	37.1	28.0	42.0
227	0.0	8.0	12.0#

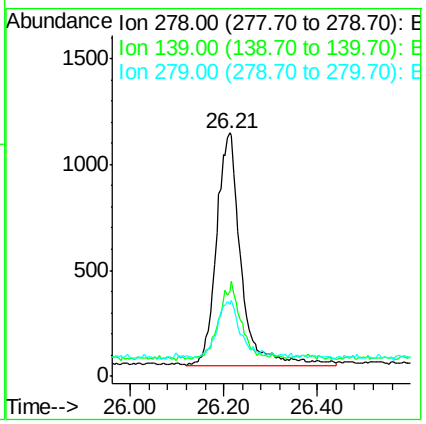




#25
Dibenzo(a,h)anthracene
Concen: 0.051 ng/ul
RT: 26.21 min Scan# 4259
Delta R.T. -0.00 min
Lab File: BE093086.D
Acq: 9 Jun 2017 11:55

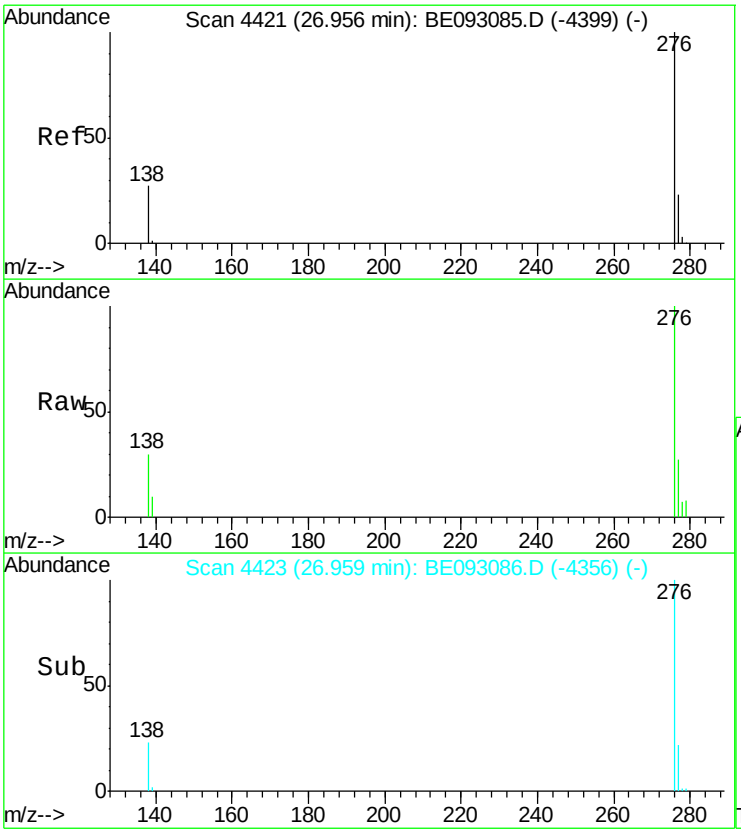
Tgt Ion:278 Resp: 3972

Ion	Ratio	Lower	Upper
278	100		
139	34.8	17.4	26.0#
279	29.4	25.9	38.9



Instrument :
BNA_E
ClientSampleId :
MDL-S-01

Manual Integrations APPROVED
mohammad
6/9/2017 5:41:51 PM



#26
Benzo(g,h,i)perylene
Concen: 0.052 ng/ul
RT: 26.96 min Scan# 4423
Delta R.T. 0.00 min
Lab File: BE093086.D
Acq: 9 Jun 2017 11:55

Tgt Ion:276 Resp: 4078

Ion	Ratio	Lower	Upper
276	100		
138	30.0	21.8	32.8
277	27.2	20.5	30.7