Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE060817\
Data File : BE093081.D
Acq On : 8 Jun 2017 15:17
Operator : SJ/MA
Sample : MDL-W-6
Misc : 0.07 PPM
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
MDL-W-6

Manual Integrations APPROVED
mohammad
6/9/2017 1:35:36 PM

Quant Time: Jun 08 15:48:38 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 13:24:15 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	4356	0.40	ng/ul	0.00
2) Naphthalene-d8	10.52	136	19900	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.37	164	10079	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.10	188	27677	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	31157	0.40	ng/ul	0.00
20) Perylene-d12	23.67	264	28113	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.12	152	9882	0.34	ng/ul	0.00
14) Fluoranthene-d10	19.13	212	24979	0.33	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.57	128	2508	0.051	ng/ul#	95
5) 2-Methylnaphthalene	12.19	142	1549	0.046	ng/ul	96
7) Acenaphthylene	14.09	152	1810	0.042	ng/ul	99
8) Acenaphthene	14.43	153	1676	0.048	ng/ul	99
9) Fluorene	15.42	166	1819	0.044	ng/ul	93
11) Pentachlorophenol	16.75	266	142	0.035	ng/ul#	86
12) Phenanthrene	17.14	178	3875m	0.051	ng/ul	
13) Anthracene	17.24	178	2982	0.045	ng/ul	99
15) Fluoranthene	19.16	202	4285	0.046	ng/ul	86
17) Pyrene	19.52	202	4440	0.048	ng/ul#	86
18) Benzo(a)anthracene	21.24	228	3743	0.045	ng/ul#	85
19) Chrysene	21.30	228	4322	0.050	ng/ul	97
21) Benzo(b)fluoranthene	22.93	252	3567	0.042	ng/ul	93
22) Benzo(k)fluoranthene	22.98	252	4142	0.046	ng/ul#	94
23) Benzo(a)pyrene	23.56	252	3354	0.042	ng/ul	96
24) Indeno(1,2,3-cd)pyrene	26.18	276	3995	0.043	ng/ul#	91
25) Dibenzo(a,h)anthracene	26.21	278	3360	0.043	ng/ul#	88
26) Benzo(g,h,i)perylene	26.95	276	3480	0.043	ng/ul	93

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

Quantitation Report (QT Reviewed)

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BNA_E
ClientSampleId :
MDL-W-6

Manual Integrations APPROVED
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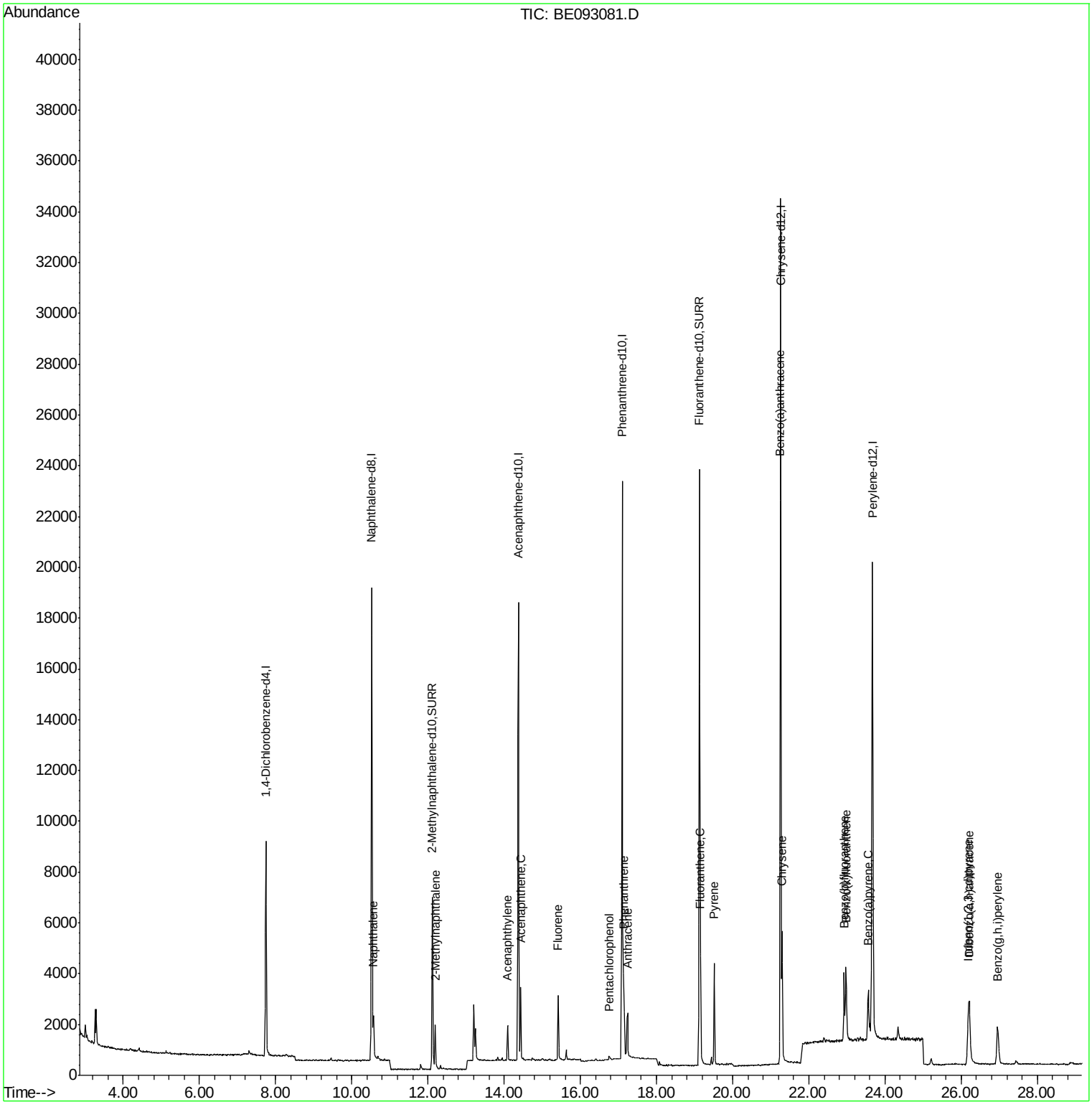

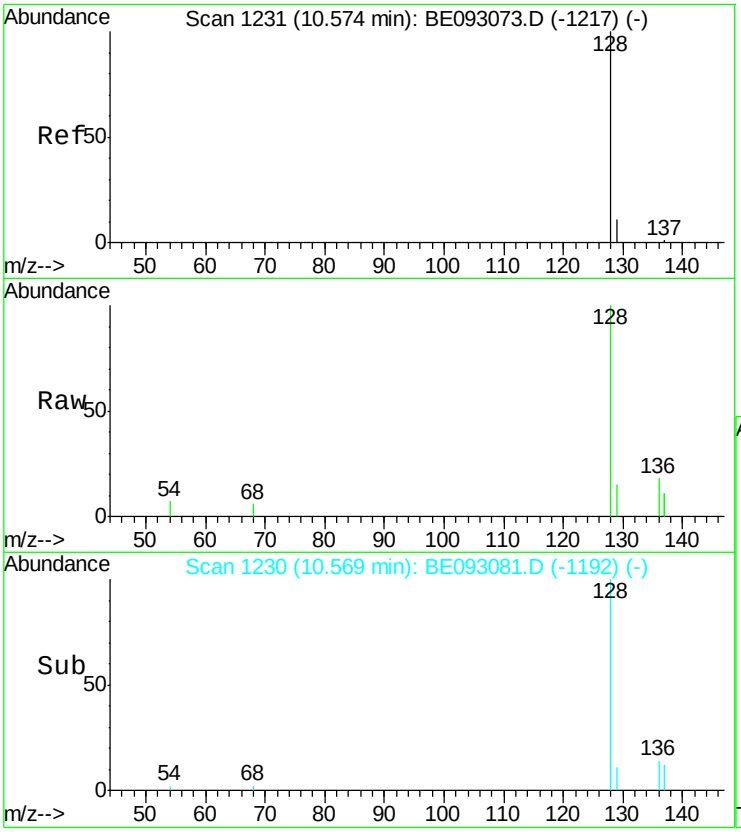

#3
Naphthalene
Concen: 0.051 ng/ul
RT: 10.57 min Scan# 1230
Delta R.T. -0.00 min
Lab File: BE093081.D
Acq: 8 Jun 2017 15:17

Tgt Ion:128 Resp: 2508

Ion	Ratio	Lower	Upper
128	100		
129	14.8	11.3	16.9
127	0.0	4.0	6.0#

Instrument :
BNA_E
ClientSampleId :
MDL-W-6

Manual Integrations APPROVED
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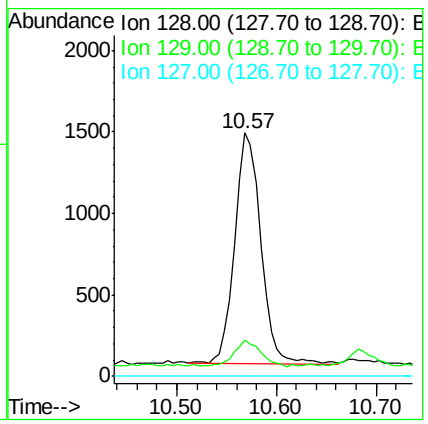
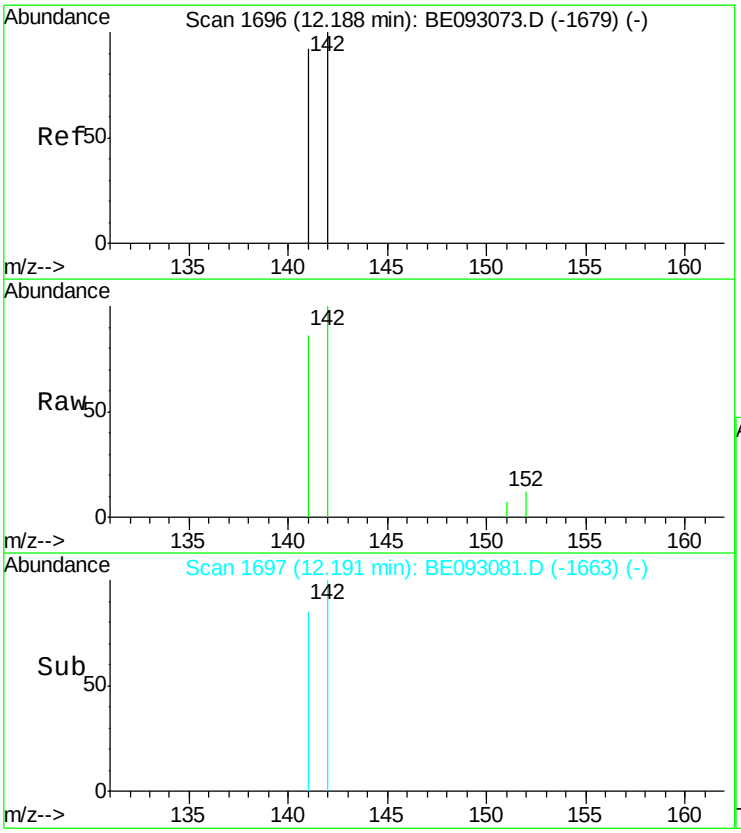
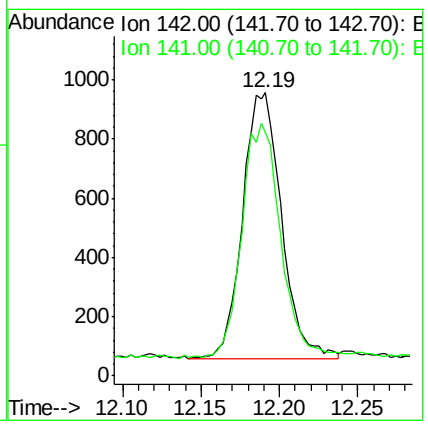


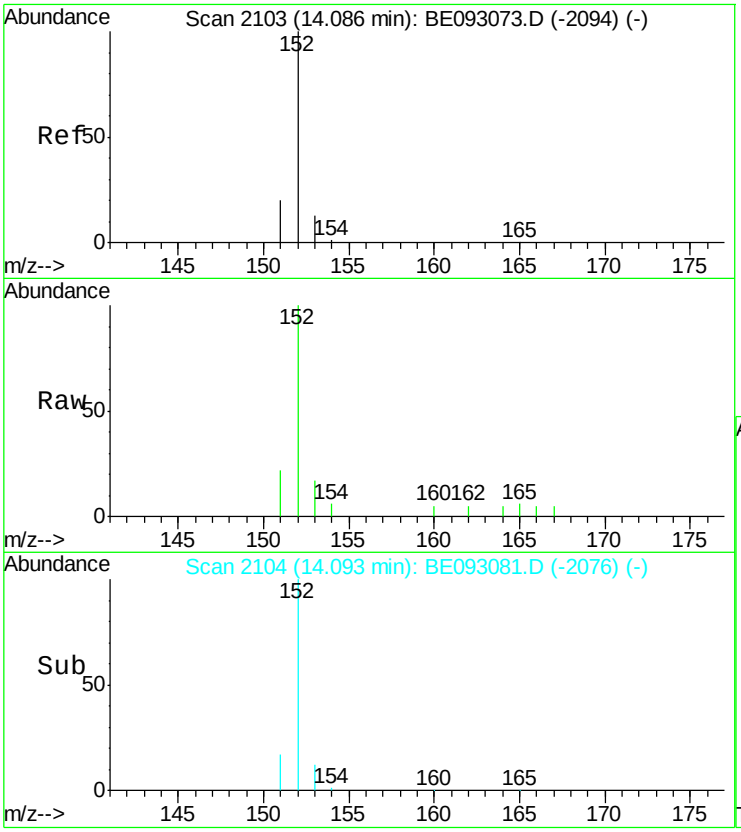


#5
2-Methylnaphthalene
Concen: 0.046 ng/ul
RT: 12.19 min Scan# 1697
Delta R.T. 0.00 min
Lab File: BE093081.D
Acq: 8 Jun 2017 15:17

Tgt Ion:142 Resp: 1549

Ion	Ratio	Lower	Upper
142	100		
141	87.0	72.6	108.8





#7
Acenaphthylene
Concen: 0.042 ng/ul
RT: 14.09 min Scan# 2104
Delta R.T. 0.01 min
Lab File: BE093081.D
Acq: 8 Jun 2017 15:17

Tgt Ion:152 Resp: 1810

Ion	Ratio	Lower	Upper
152	100		
151	22.0	17.1	25.7
153	16.6	12.8	19.2

Instrument :
BNA_E
ClientSampleId :
MDL-W-6

Manual Integrations APPROVED
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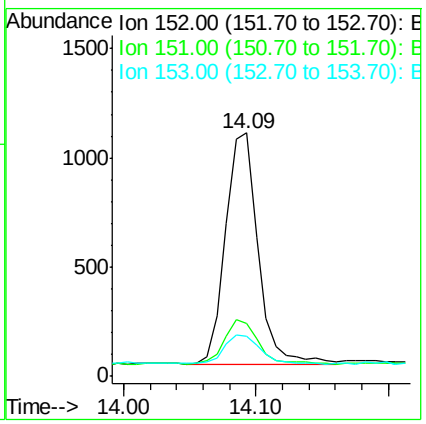
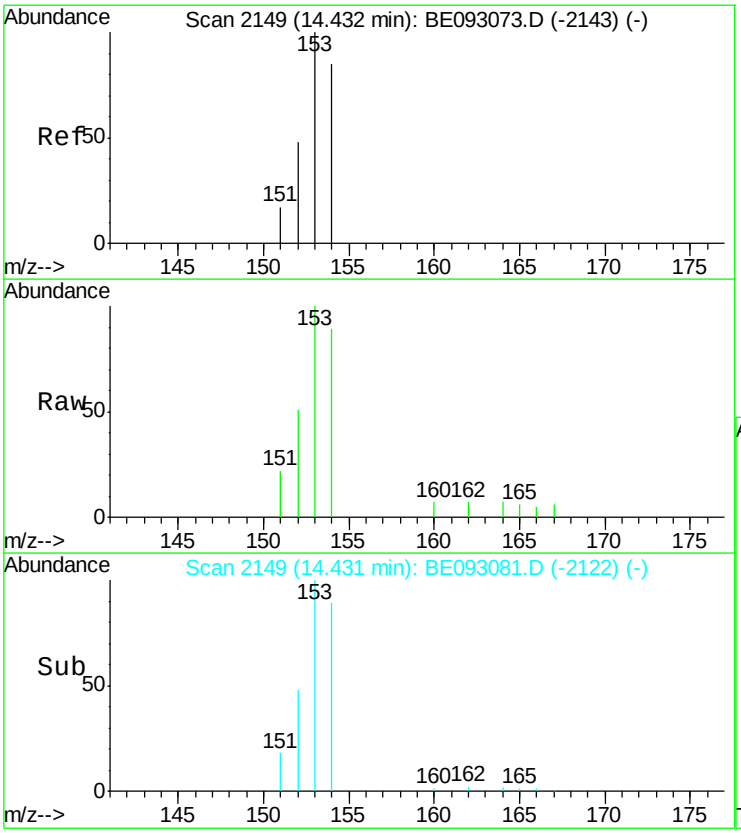
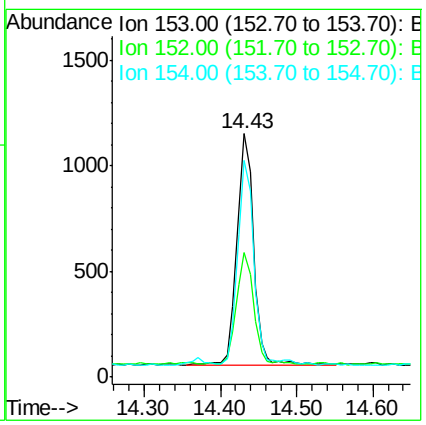


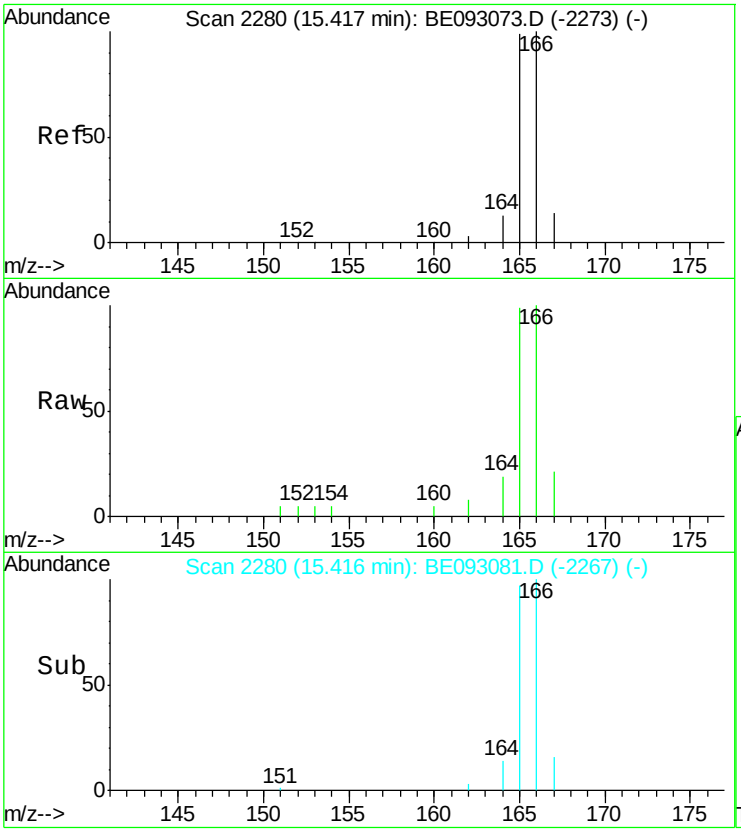


#8
Acenaphthene
Concen: 0.048 ng/ul
RT: 14.43 min Scan# 2149
Delta R.T. -0.00 min
Lab File: BE093081.D
Acq: 8 Jun 2017 15:17

Tgt Ion:153 Resp: 1676

Ion	Ratio	Lower	Upper
153	100		
152	51.3	40.3	60.5
154	88.8	71.4	107.2

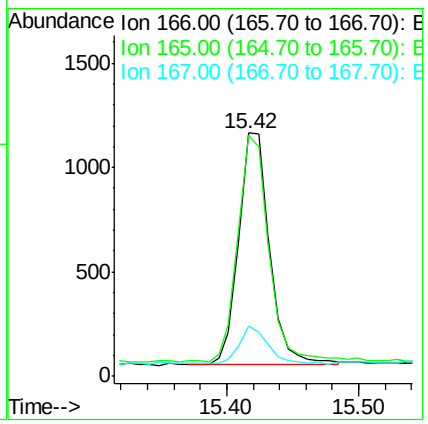




#9
Fluorene
Concen: 0.044 ng/ul
RT: 15.42 min Scan# 2280
Delta R.T. -0.00 min
Lab File: BE093081.D
Acq: 8 Jun 2017 15:17

Tgt Ion:166 Resp: 1819

Ion	Ratio	Lower	Upper
166	100		
165	99.1	73.4	110.2
167	20.6	14.6	22.0



Instrument :
BNA_E
ClientSampleId :
MDL-W-6

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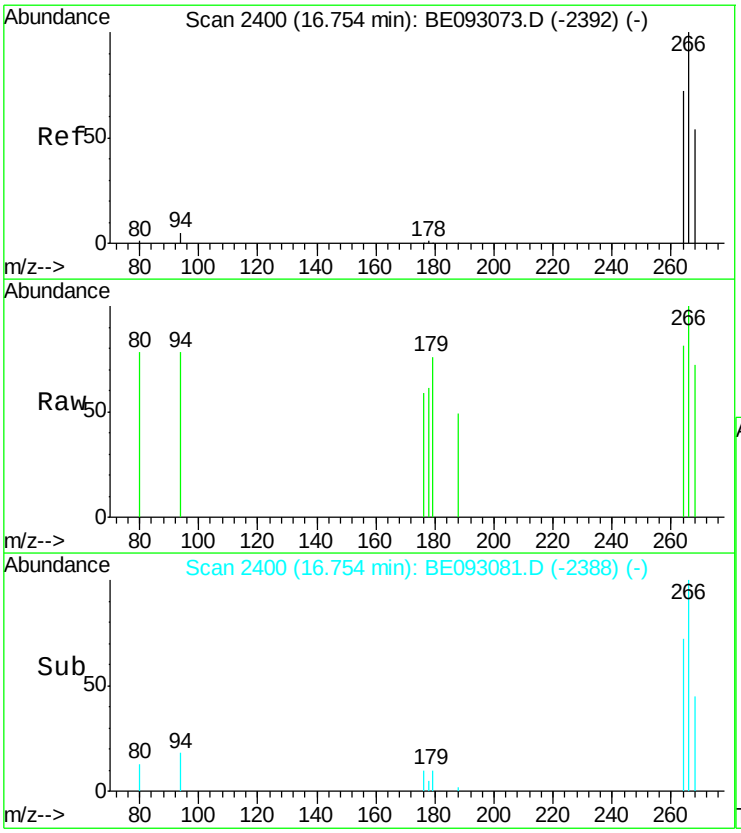
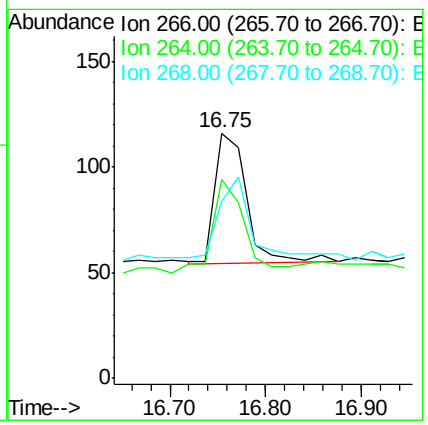
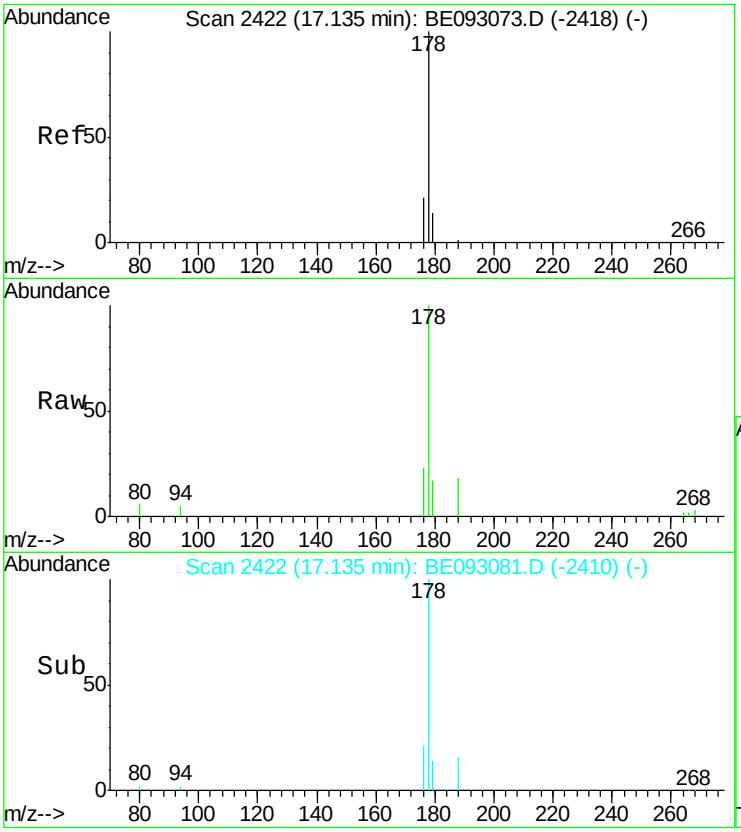


#11
Pentachlorophenol
Concen: 0.035 ng/ul
RT: 16.75 min Scan# 2400
Delta R.T. 0.00 min
Lab File: BE093081.D
Acq: 8 Jun 2017 15:17

Tgt Ion:266 Resp: 142

Ion	Ratio	Lower	Upper
266	100		
264	74.6	47.9	71.9#
268	68.3	49.8	74.8

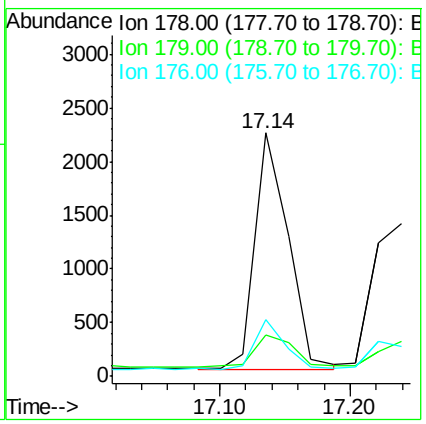




#12
Phenanthrene
Concen: 0.051 ng/ul m
RT: 17.14 min Scan# 2422
Delta R.T. 0.00 min
Lab File: BE093081.D
Acq: 8 Jun 2017 15:17

Tgt Ion:178 Resp: 3875

Ion	Ratio	Lower	Upper
178	100		
179	17.2	18.4	27.6#
176	23.3	13.6	20.4#



Instrument :
BNA_E
ClientSampleId :
MDL-W-6

Manual Integrations APPROVED
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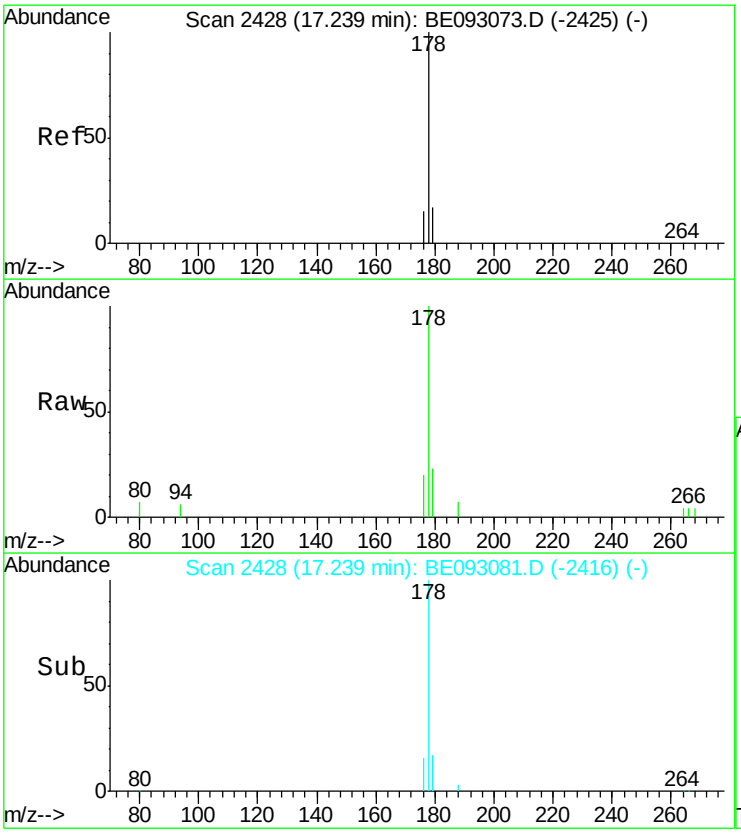
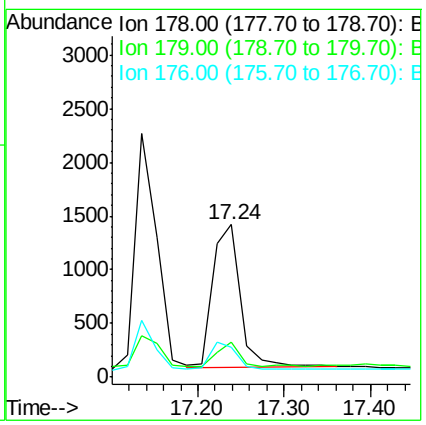
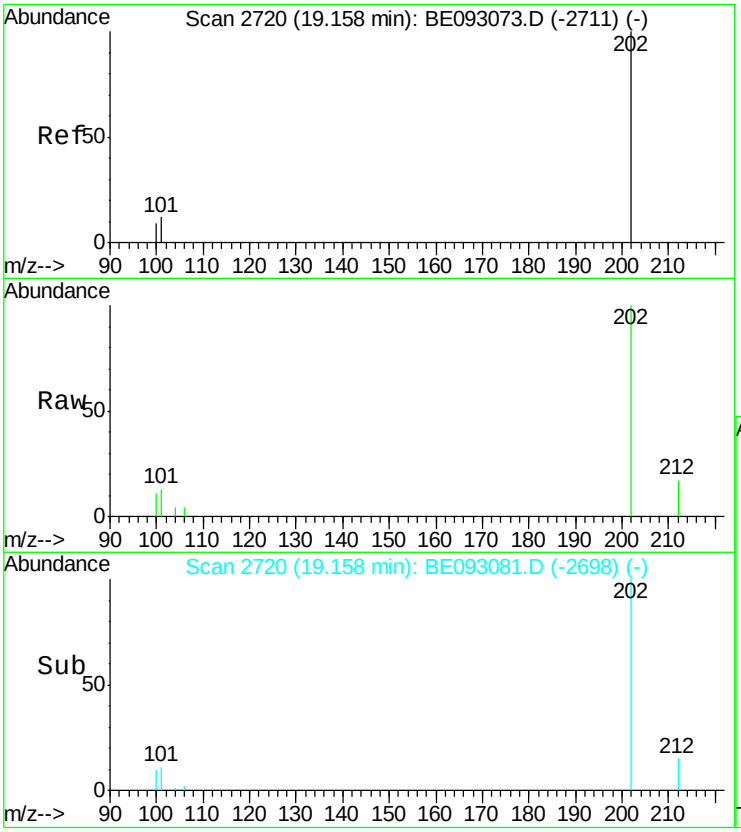


#13
Anthracene
Concen: 0.045 ng/ul
RT: 17.24 min Scan# 2428
Delta R.T. 0.00 min
Lab File: BE093081.D
Acq: 8 Jun 2017 15:17

Tgt Ion:178 Resp: 2982

Ion	Ratio	Lower	Upper
178	100		
179	22.6	18.1	27.1
176	19.7	14.7	22.1

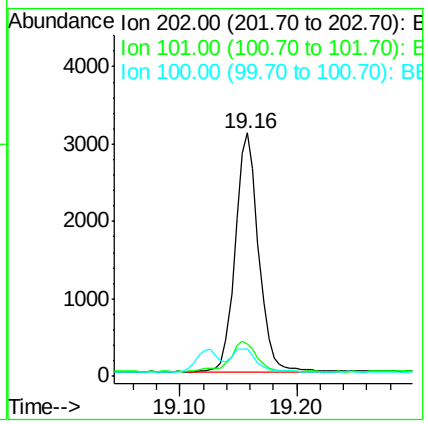




#15
Fluoranthene
Concen: 0.046 ng/ul
RT: 19.16 min Scan# 2720
Delta R.T. -0.00 min
Lab File: BE093081.D
Acq: 8 Jun 2017 15:17

Tgt Ion:202 Resp: 4285

Ion	Ratio	Lower	Upper
202	100		
101	13.2	0.0	30.3
100	11.3	0.0	39.5



Instrument :
BNA_E
ClientSampleId :
MDL-W-6

Manual Integrations APPROVED
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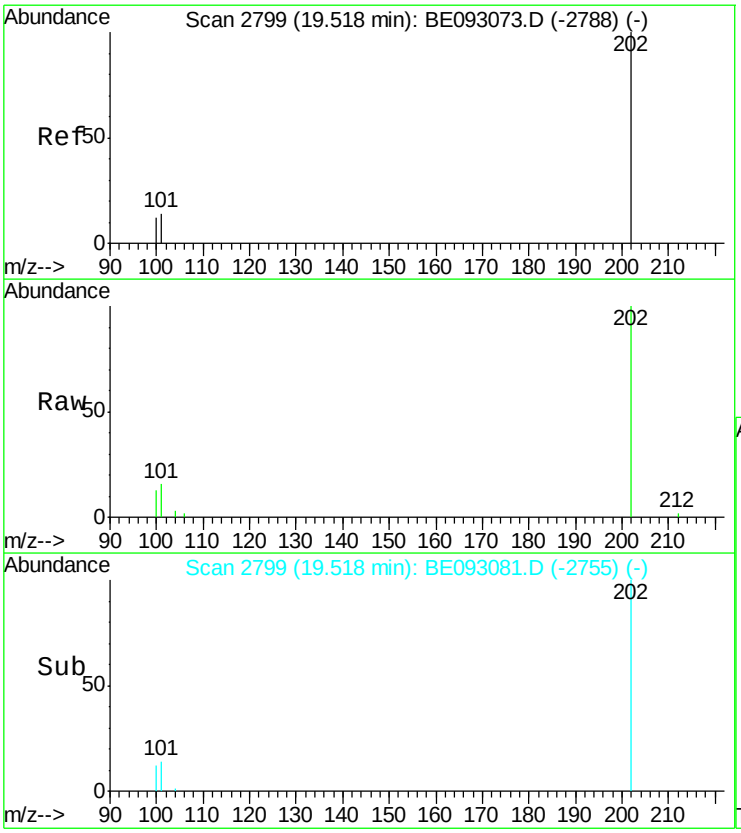
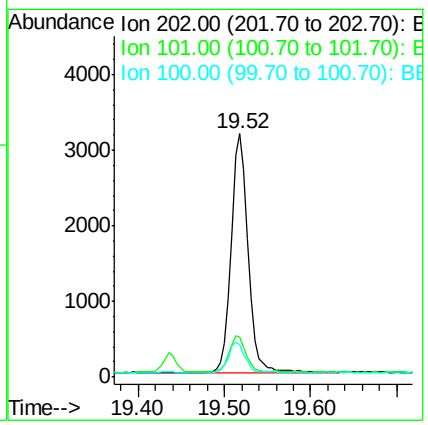
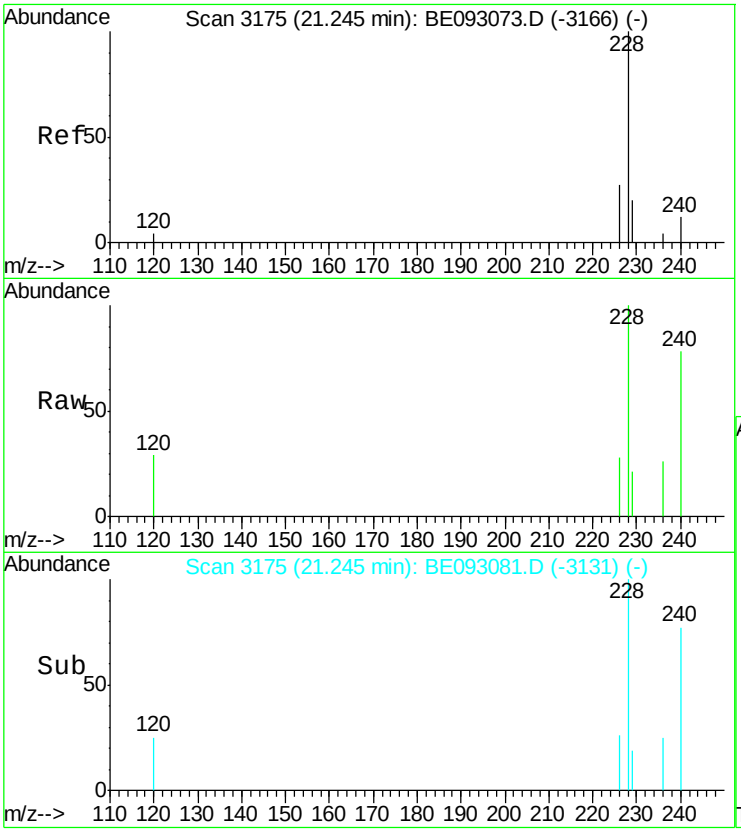


#17
Pyrene
Concen: 0.048 ng/ul
RT: 19.52 min Scan# 2799
Delta R.T. -0.00 min
Lab File: BE093081.D
Acq: 8 Jun 2017 15:17

Tgt Ion:202 Resp: 4440

Ion	Ratio	Lower	Upper
202	100		
101	16.2	18.2	27.4#
100	13.0	15.6	23.4#





#18
Benzo(a)anthracene
Concen: 0.045 ng/ul
RT: 21.24 min Scan# 3175
Delta R.T. -0.00 min
Lab File: BE093081.D
Acq: 8 Jun 2017 15:17

Tgt Ion:228 Resp: 3743

Ion	Ratio	Lower	Upper
228	100		
229	20.5	22.8	34.2#
226	27.9	17.0	25.6#

Instrument :
BNA_E
ClientSampleId :
MDL-W-6

Manual Integrations APPROVED
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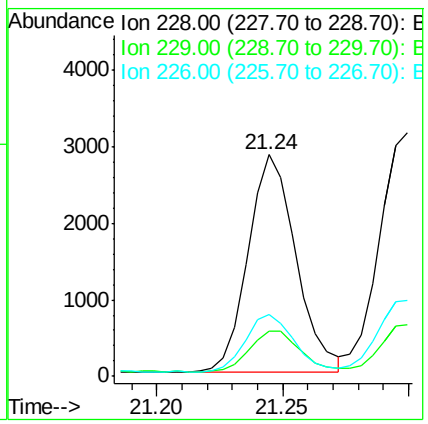
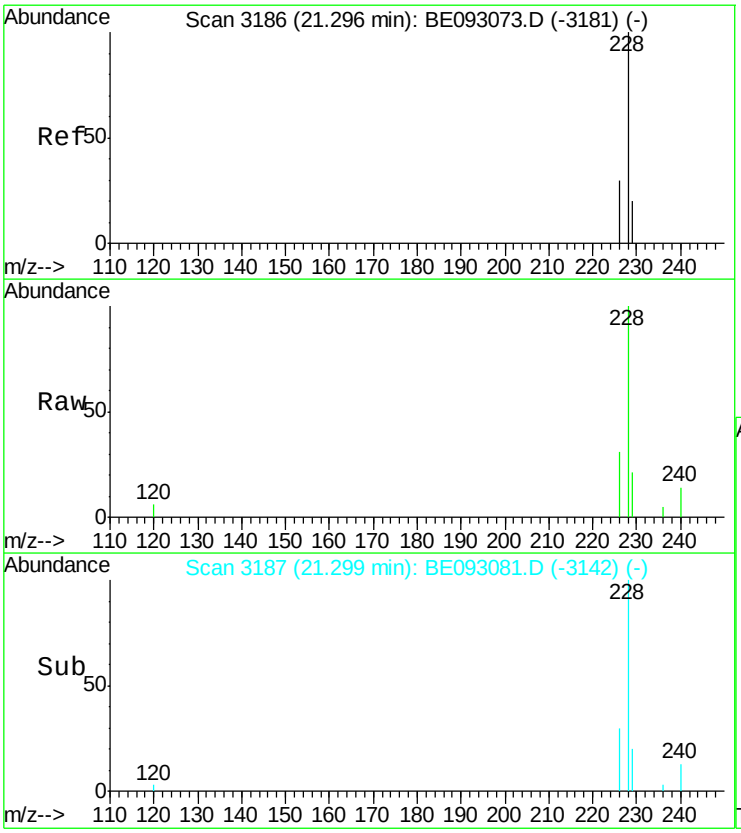
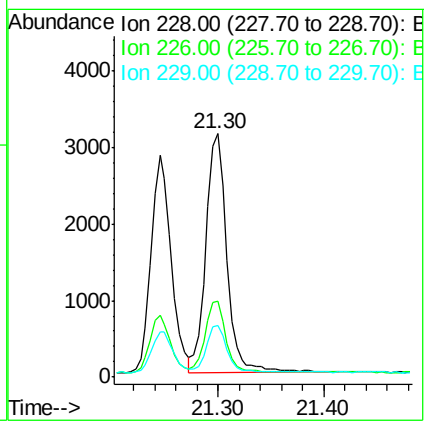


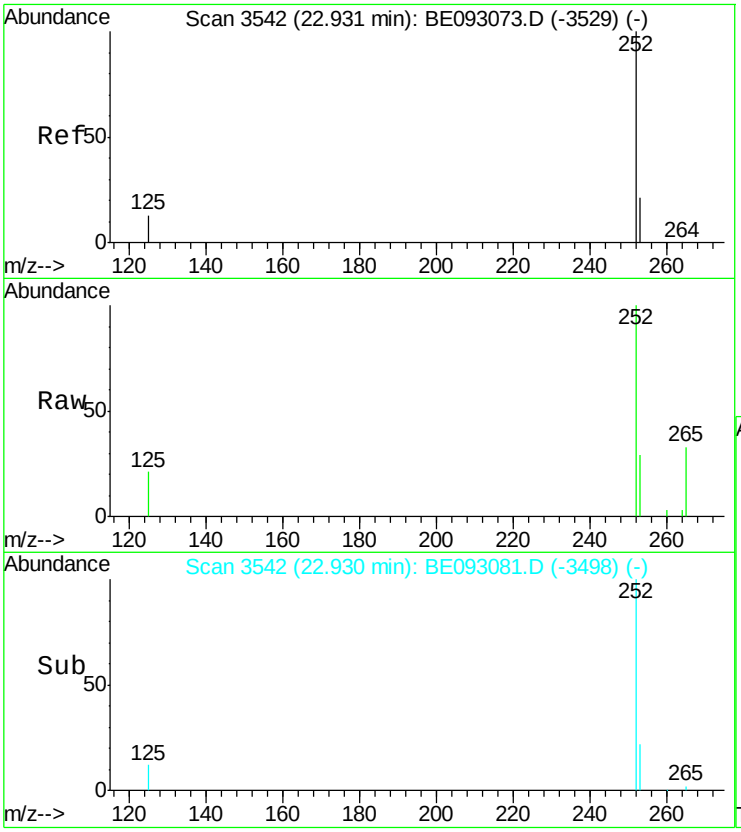


#19
Chrysene
Concen: 0.050 ng/ul
RT: 21.30 min Scan# 3187
Delta R.T. 0.00 min
Lab File: BE093081.D
Acq: 8 Jun 2017 15:17

Tgt Ion:228 Resp: 4322

Ion	Ratio	Lower	Upper
228	100		
226	31.4	23.4	35.0
229	21.3	17.7	26.5

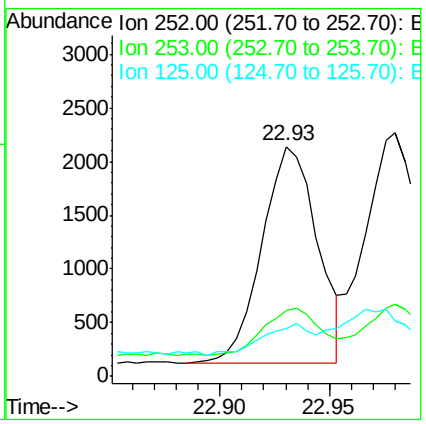




#21
Benzo(b)fluoranthene
Concen: 0.042 ng/ul
RT: 22.93 min Scan# 3542
Delta R.T. -0.00 min
Lab File: BE093081.D
Acq: 8 Jun 2017 15:17

Tgt Ion:252 Resp: 3567

Ion	Ratio	Lower	Upper
252	100		
253	28.8	0.0	64.2
125	20.9	0.0	35.0



Instrument :
BNA_E
ClientSampleId :
MDL-W-6

Manual Integrations APPROVED
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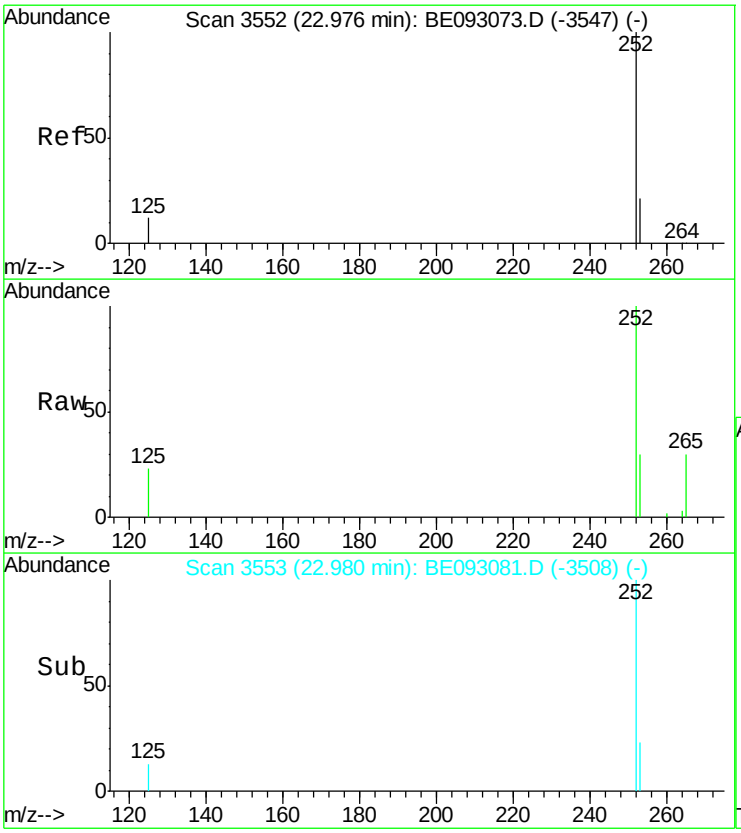
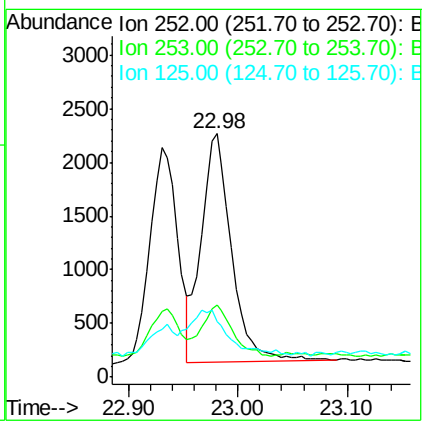
6/9/2017 1:35:36 PM

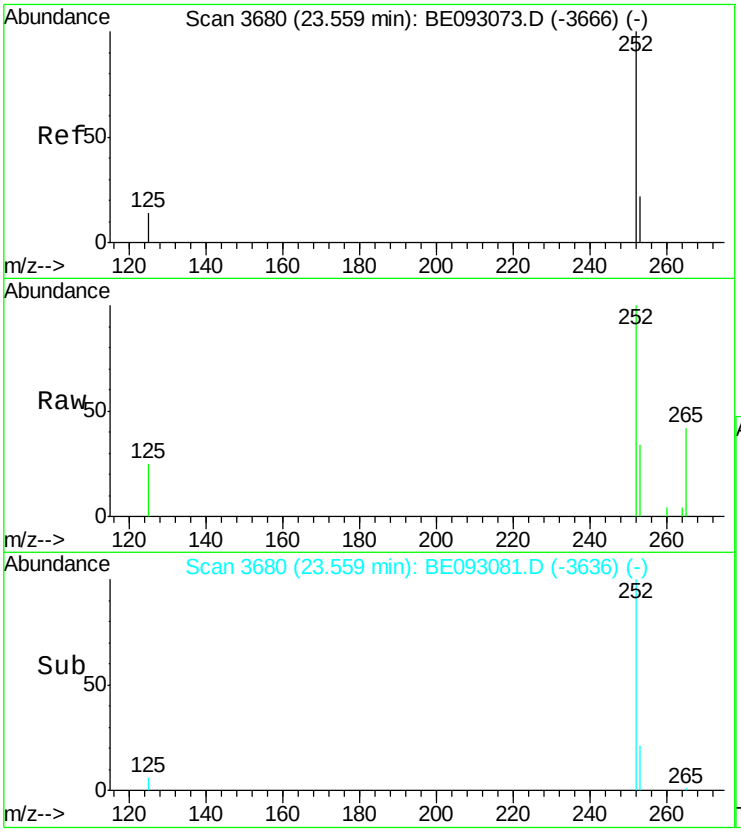


#22
Benzo(k)fluoranthene
Concen: 0.046 ng/ul
RT: 22.98 min Scan# 3553
Delta R.T. 0.00 min
Lab File: BE093081.D
Acq: 8 Jun 2017 15:17

Tgt Ion:252 Resp: 4142

Ion	Ratio	Lower	Upper
252	100		
253	29.7	24.5	36.7
125	22.6	13.7	20.5#





#23
Benzo(a)pyrene
Concen: 0.042 ng/ul
RT: 23.56 min Scan# 3680
Delta R.T. -0.00 min
Lab File: BE093081.D
Acq: 8 Jun 2017 15:17

Tgt Ion:252 Resp: 3354

Ion	Ratio	Lower	Upper
252	100		
253	33.6	28.5	42.7
125	24.7	18.1	27.1

Instrument :
BNA_E
ClientSampleId :
MDL-W-6

Manual Integrations APPROVED
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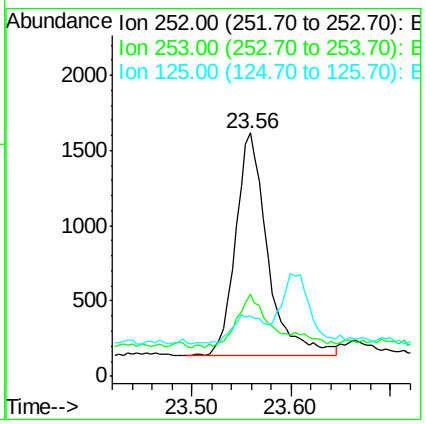
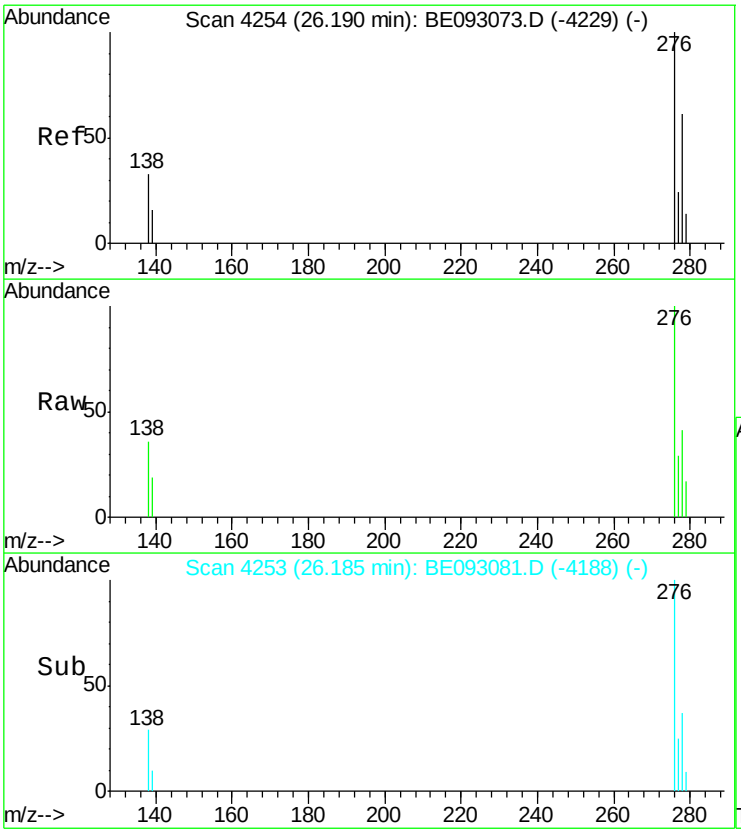
6/9/2017 1:35:36 PM

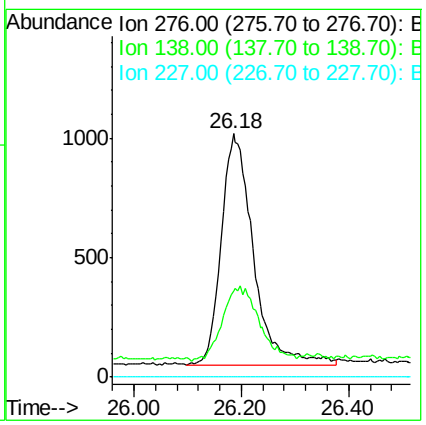


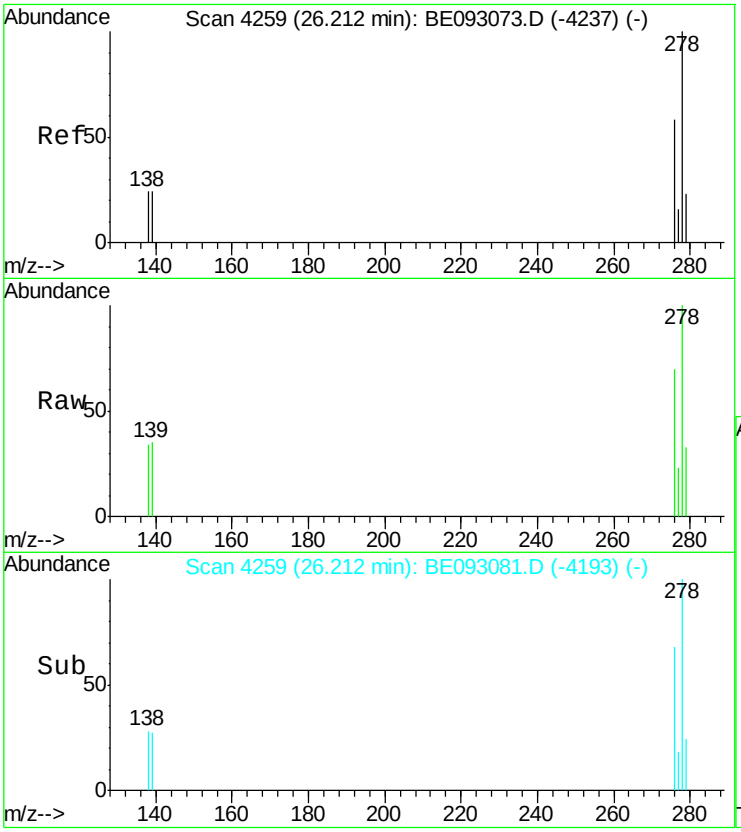


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.043 ng/ul
RT: 26.18 min Scan# 4253
Delta R.T. -0.00 min
Lab File: BE093081.D
Acq: 8 Jun 2017 15:17

Tgt Ion:276 Resp: 3995

Ion	Ratio	Lower	Upper
276	100		
138	37.4	28.0	42.0
227	0.0	8.0	12.0#

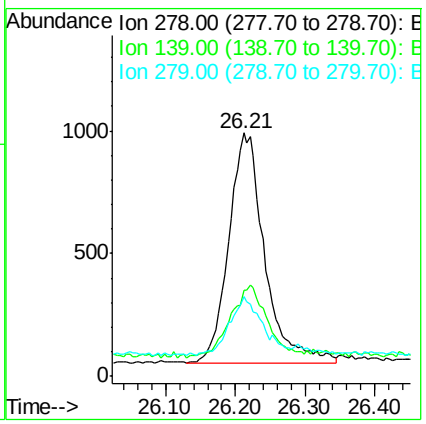




#25
Dibenzo(a,h)anthracene
Concen: 0.043 ng/ul
RT: 26.21 min Scan# 4259
Delta R.T. -0.00 min
Lab File: BE093081.D
Acq: 8 Jun 2017 15:17

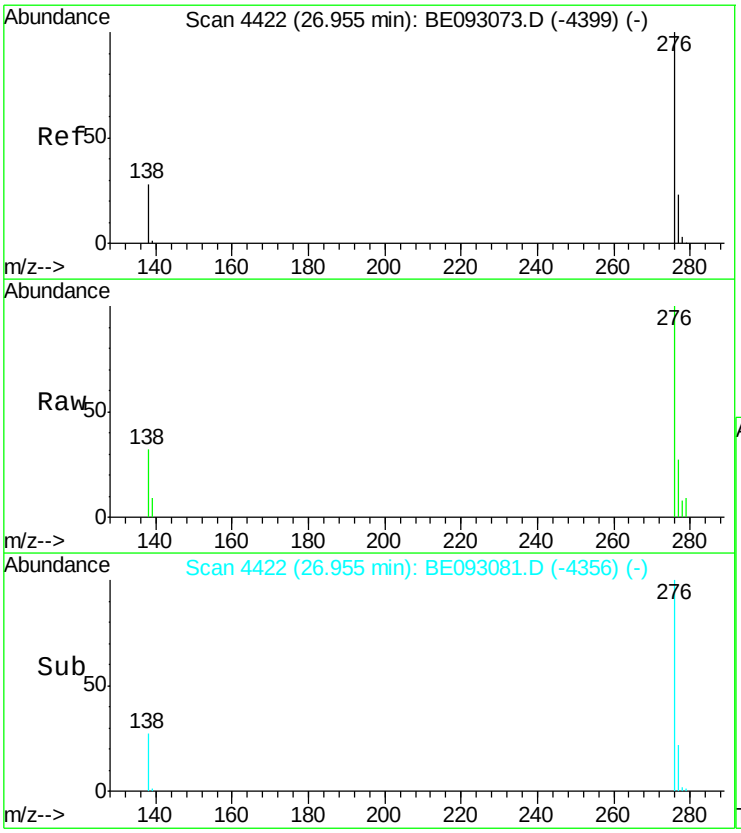
Tgt Ion:278 Resp: 3360

Ion	Ratio	Lower	Upper
278	100		
139	35.5	17.4	26.0#
279	32.9	25.9	38.9



Instrument :
BNA_E
ClientSampleId :
MDL-W-6

Manual Integrations APPROVED
mohammad
6/9/2017 1:35:36 PM



#26
Benzo(g,h,i)perylene
Concen: 0.043 ng/ul
RT: 26.95 min Scan# 4422
Delta R.T. -0.00 min
Lab File: BE093081.D
Acq: 8 Jun 2017 15:17

Tgt Ion:276 Resp: 3480

Ion	Ratio	Lower	Upper
276	100		
138	32.5	21.8	32.8
277	27.4	20.5	30.7