Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE061517\
Data File : BE093211.D
Acq On : 15 Jun 2017 16:51
Operator : SJ/MA
Sample : I3522-01DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : F5C66DL

Manual Integrations APPROVED
mohammad
6/19/2017 11:06:24 AM

Quant Time: Jun 16 04:57:28 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 16 04:43:11 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	2783	0.40	ng/ul	0.00
2) Naphthalene-d8	10.52	136	14669	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.37	164	9009	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.10	188	21640	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	22307	0.40	ng/ul	0.00
20) Perylene-d12	23.67	264	18385	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.11	152	1295	0.06	ng/ul	0.00
14) Fluoranthene-d10	19.13	212	3482	0.06	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.57	128	2743	0.075	ng/ul#	95
5) 2-Methylnaphthalene	12.18	142	623	0.025	ng/ul	97
7) Acenaphthylene	14.09	152	21152	0.547	ng/ul	96
8) Acenaphthene	14.43	153	573	0.018	ng/ul#	88
12) Phenanthrene	17.14	178	12324	0.207	ng/ul#	87
13) Anthracene	17.22	178	23755	0.458	ng/ul#	87
15) Fluoranthene	19.16	202	106406	1.457	ng/ul	83
17) Pyrene	19.52	202	139832	2.126	ng/ul#	84
18) Benzo(a)anthracene	21.24	228	76080	1.279	ng/ul#	84
19) Chrysene	21.29	228	132020	2.139	ng/ul	97
21) Benzo(b)fluoranthene	22.93	252	336253m	6.027	ng/ul	
22) Benzo(k)fluoranthene	22.98	252	104143m	1.757	ng/ul	
23) Benzo(a)pyrene	23.56	252	137567	2.608	ng/ul#	82
24) Indeno(1,2,3-cd)pyrene	26.19	276	124827	2.044	ng/ul#	86
25) Dibenzo(a,h)anthracene	26.20	278	33307	0.647	ng/ul	92
26) Benzo(g,h,i)perylene	26.97	276	93003	1.775	ng/ul	98

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE061517\
Data File : BE093211.D
Acq On : 15 Jun 2017 16:51
Operator : SJ/MA
Sample : I3522-01DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jun 16 04:57:28 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 16 04:43:11 2017
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
F5C66DL

Manual Integrations APPROVED
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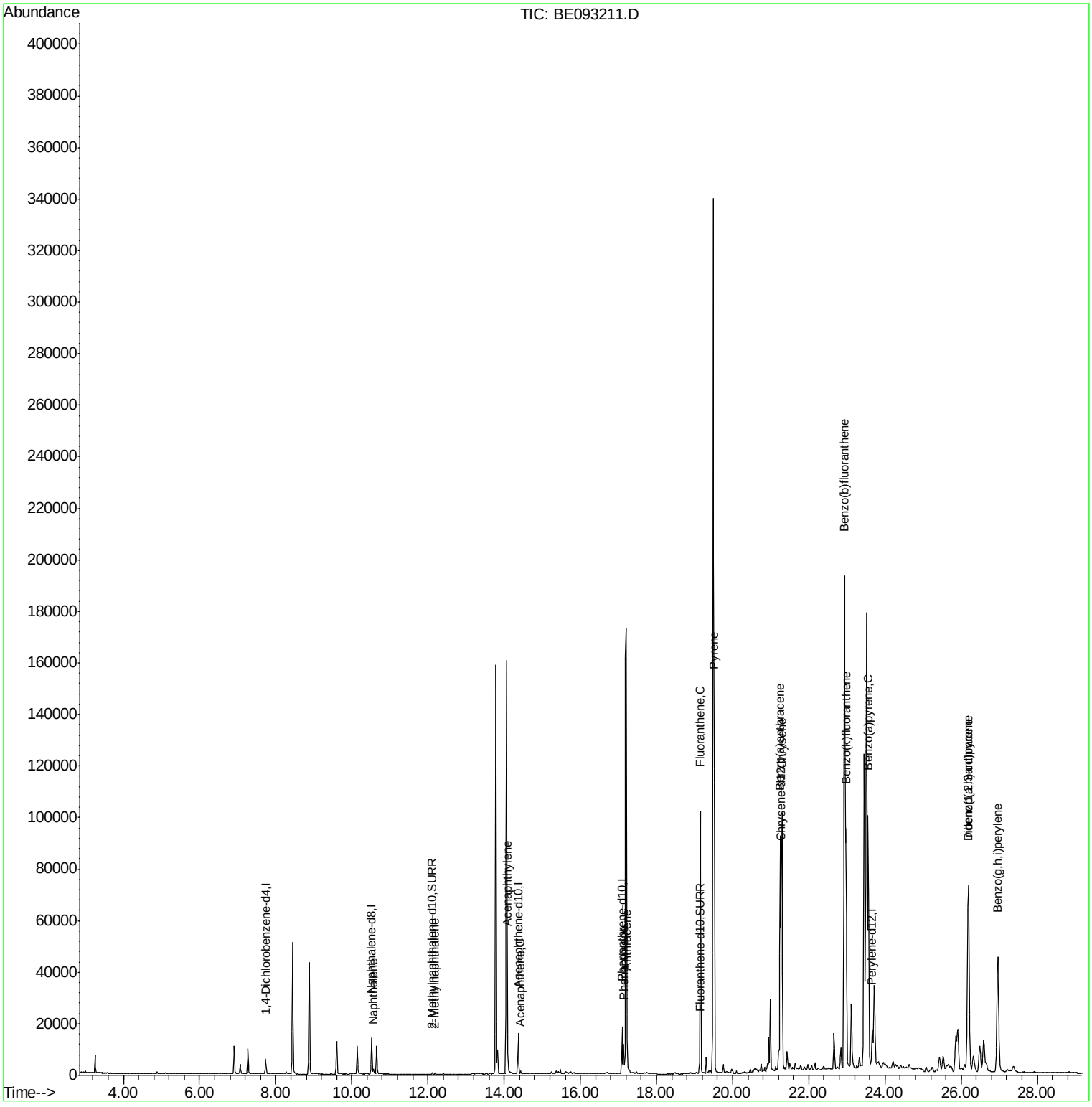

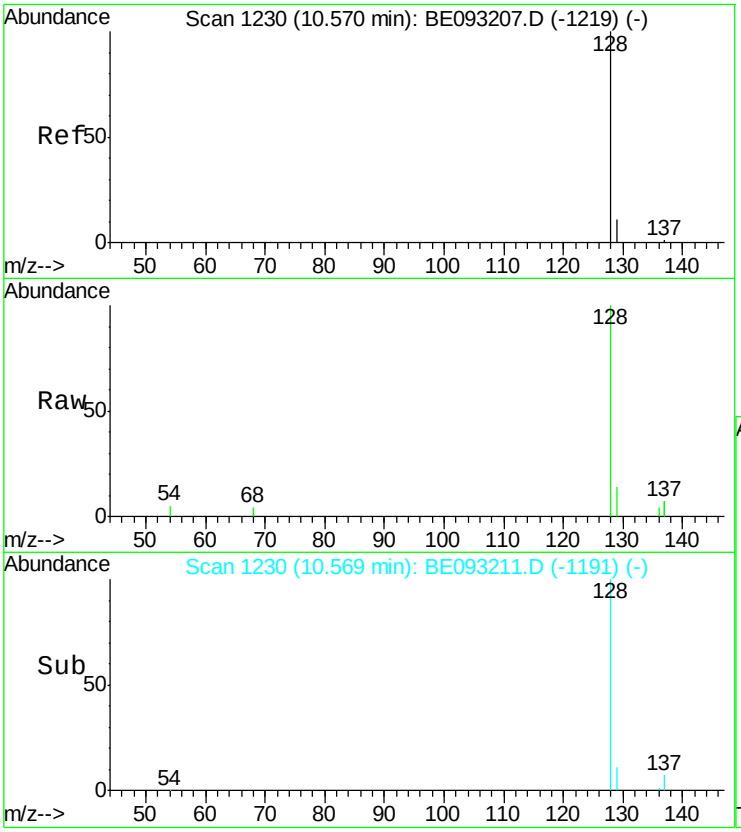

#3
Naphthalene
Concen: 0.075 ng/ul
RT: 10.57 min Scan# 1230
Delta R.T. -0.00 min
Lab File: BE093211.D
Acq: 15 Jun 2017 16:51

Tgt Ion:128 Resp: 2743

Ion	Ratio	Lower	Upper
128	100		
129	14.5	11.3	16.9
127	0.0	4.0	6.0#

Instrument :
BNA_E
ClientSampleId :
F5C66DL

Manual Integrations APPROVED
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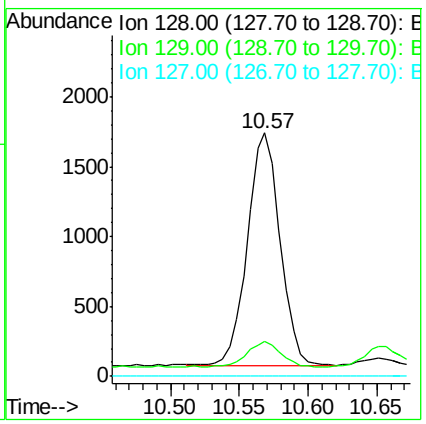
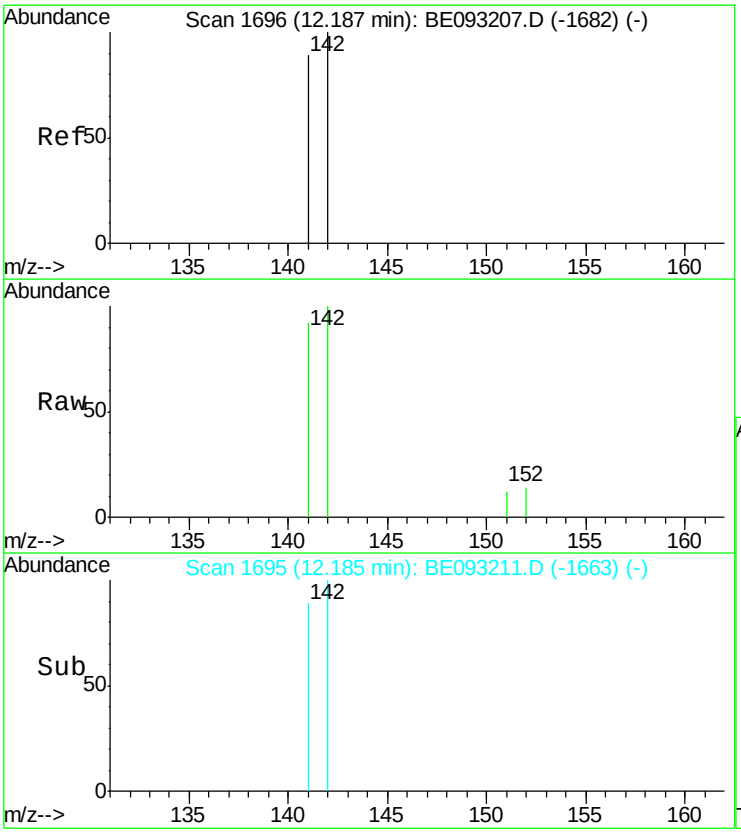
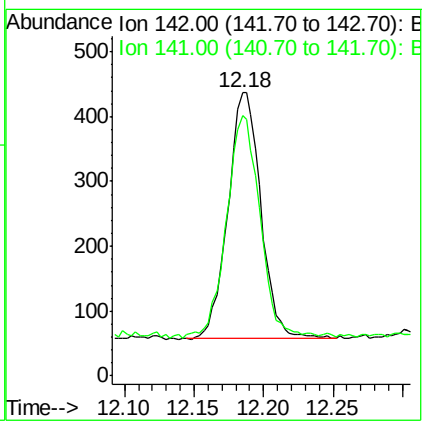


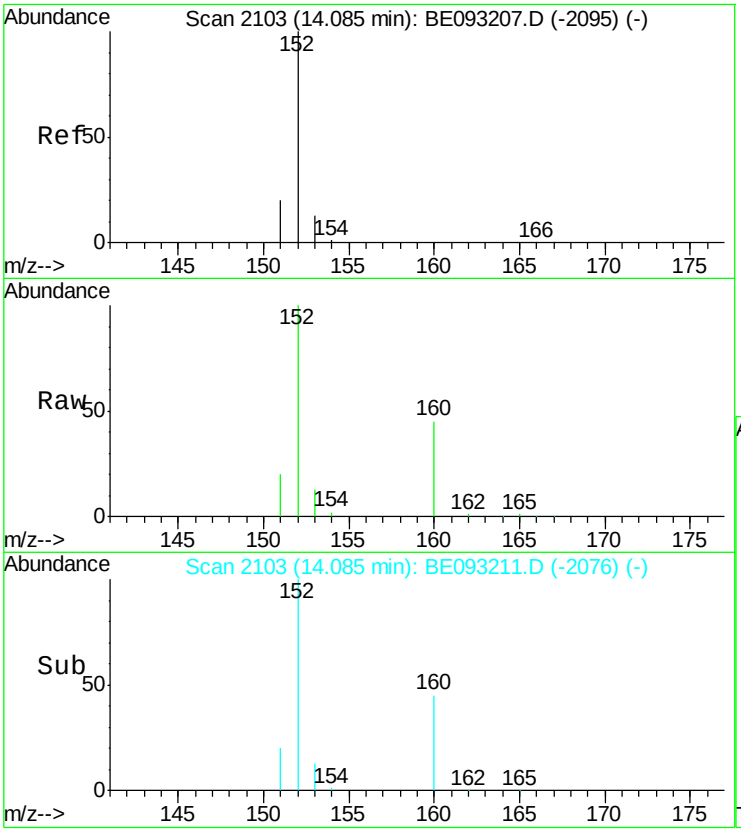


#5
2-Methylnaphthalene
Concen: 0.025 ng/ul
RT: 12.18 min Scan# 1695
Delta R.T. -0.00 min
Lab File: BE093211.D
Acq: 15 Jun 2017 16:51

Tgt Ion:142 Resp: 623

Ion	Ratio	Lower	Upper
142	100		
141	93.3	72.6	108.8





#7
Acenaphthylene
Concen: 0.547 ng/ul
RT: 14.09 min Scan# 2103
Delta R.T. 0.00 min
Lab File: BE093211.D
Acq: 15 Jun 2017 16:51

Tgt Ion:152 Resp: 21152

Ion	Ratio	Lower	Upper
152	100		
151	20.2	17.1	25.7
153	13.4	12.8	19.2

Instrument :
BNA_E
ClientSampleId :
F5C66DL

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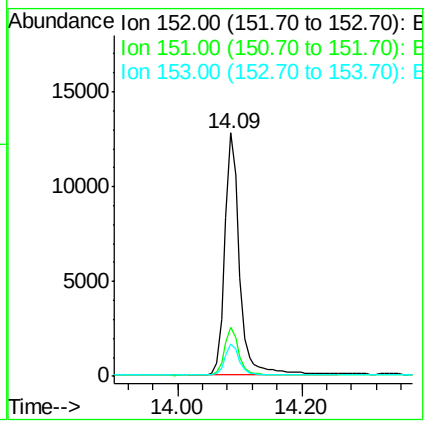
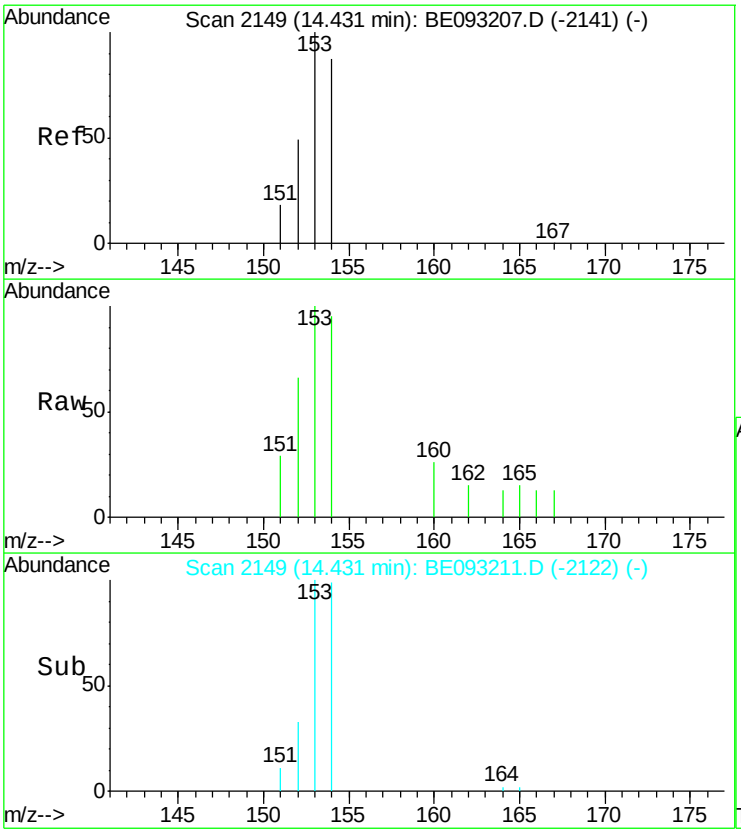
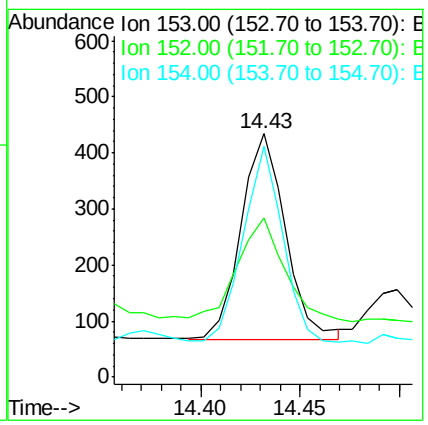


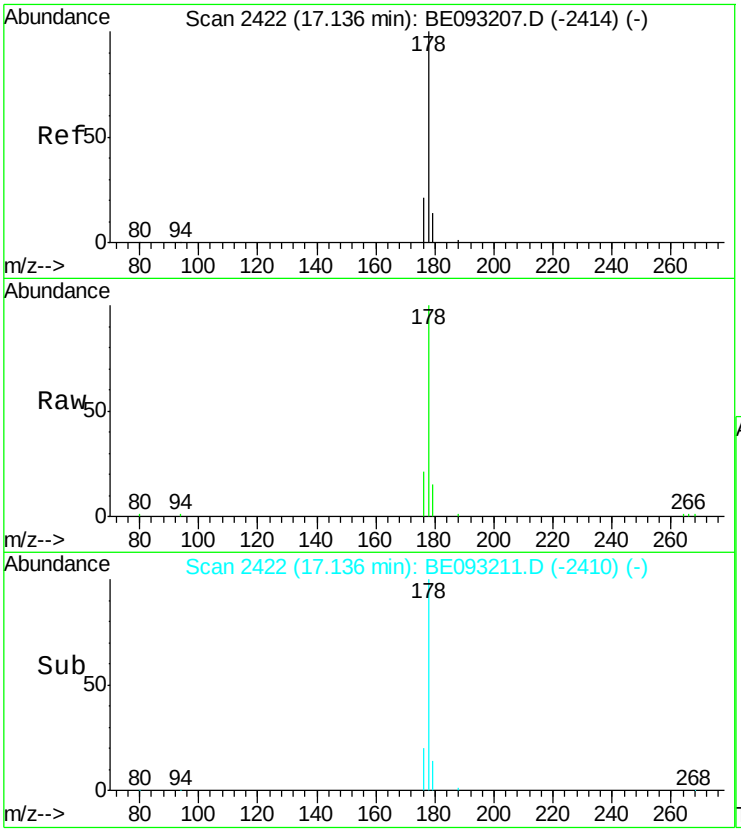


#8
Acenaphthene
Concen: 0.018 ng/ul
RT: 14.43 min Scan# 2149
Delta R.T. 0.00 min
Lab File: BE093211.D
Acq: 15 Jun 2017 16:51

Tgt Ion:153 Resp: 573

Ion	Ratio	Lower	Upper
153	100		
152	65.7	40.3	60.5#
154	94.7	71.4	107.2

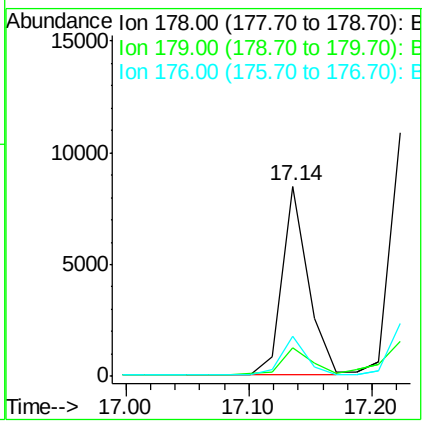




#12
Phenanthrene
Concen: 0.207 ng/ul
RT: 17.14 min Scan# 2422
Delta R.T. 0.00 min
Lab File: BE093211.D
Acq: 15 Jun 2017 16:51

Tgt Ion:178 Resp: 12324

Ion	Ratio	Lower	Upper
178	100		
179	15.2	18.4	27.6#
176	20.9	13.6	20.4#



Instrument :
BNA_E
ClientSampleId :
F5C66DL

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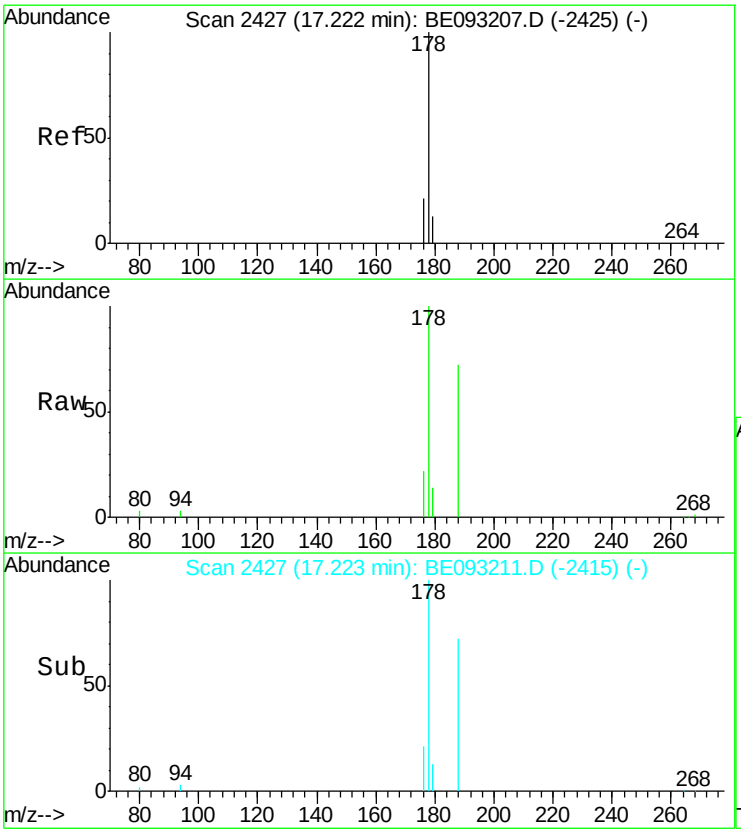
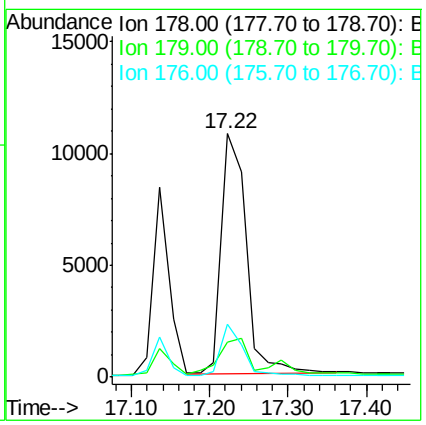
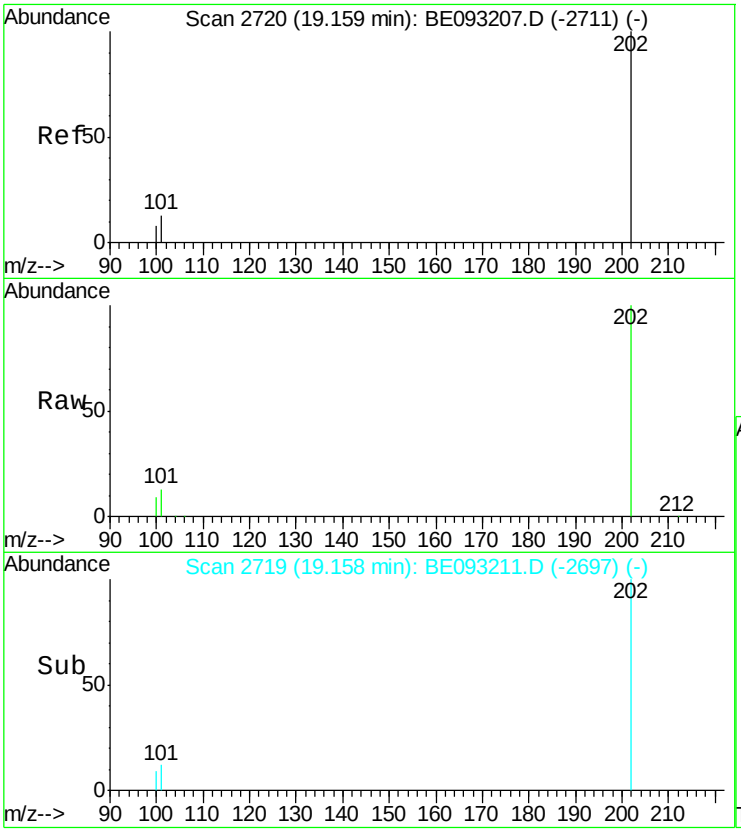


#13
Anthracene
Concen: 0.458 ng/ul
RT: 17.22 min Scan# 2427
Delta R.T. 0.00 min
Lab File: BE093211.D
Acq: 15 Jun 2017 16:51

Tgt Ion:178 Resp: 23755

Ion	Ratio	Lower	Upper
178	100		
179	14.1	18.1	27.1#
176	21.8	14.7	22.1

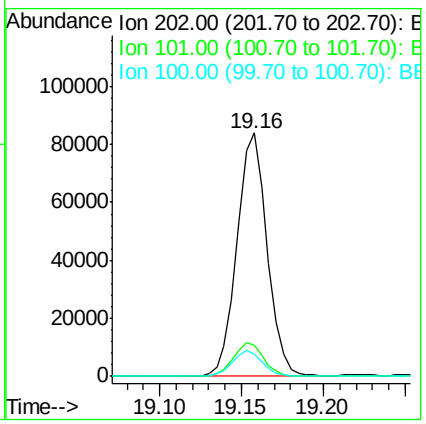




#15
Fluoranthene
Concen: 1.457 ng/ul
RT: 19.16 min Scan# 2719
Delta R.T. -0.00 min
Lab File: BE093211.D
Acq: 15 Jun 2017 16:51

Tgt Ion:202 Resp: 106406

Ion	Ratio	Lower	Upper
202	100		
101	12.5	0.0	30.3
100	9.1	0.0	39.5



Instrument :
BNA_E
ClientSampleId :
F5C66DL

Manual Integrations APPROVED
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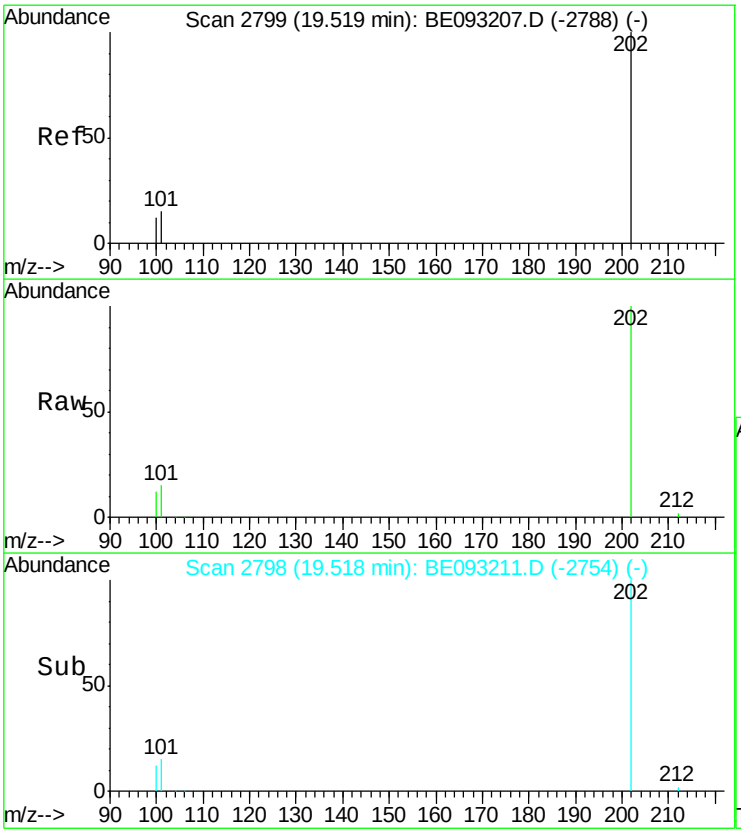
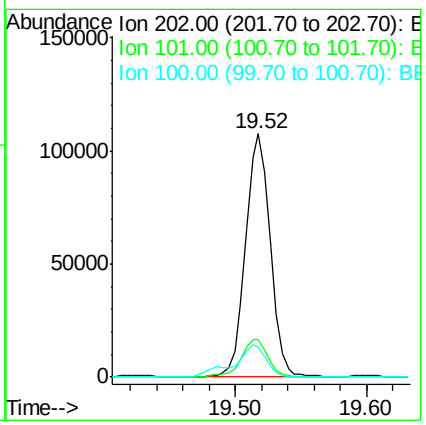
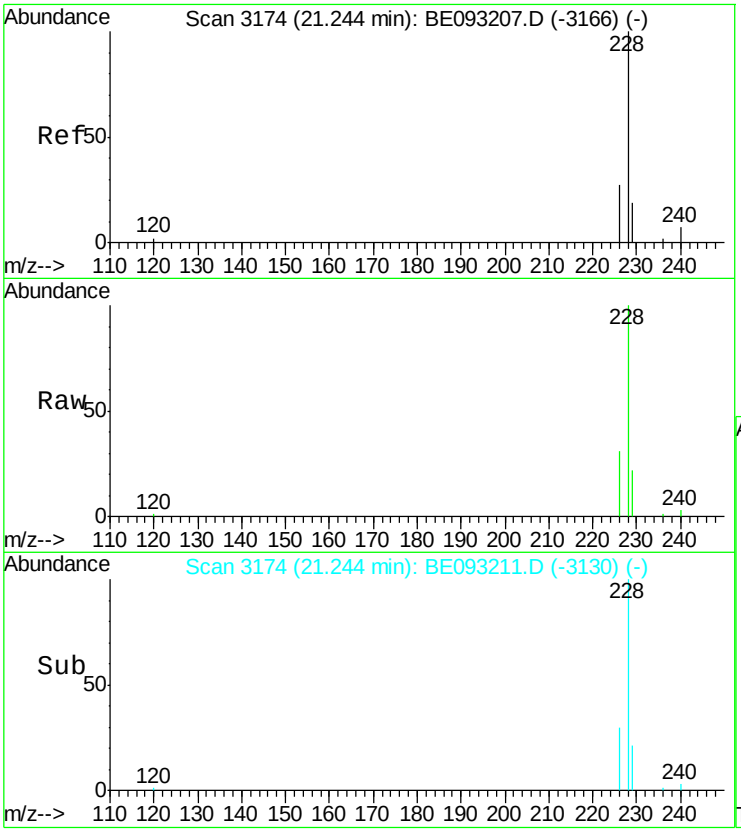


#17
Pyrene
Concen: 2.126 ng/ul
RT: 19.52 min Scan# 2798
Delta R.T. -0.00 min
Lab File: BE093211.D
Acq: 15 Jun 2017 16:51

Tgt Ion:202 Resp: 139832

Ion	Ratio	Lower	Upper
202	100		
101	15.3	18.2	27.4#
100	12.2	15.6	23.4#





#18
Benzo(a)anthracene
Concen: 1.279 ng/ul
RT: 21.24 min Scan# 3174
Delta R.T. 0.00 min
Lab File: BE093211.D
Acq: 15 Jun 2017 16:51

Tgt Ion:228 Resp: 76080

Ion	Ratio	Lower	Upper
228	100		
229	22.0	22.8	34.2#
226	31.0	17.0	25.6#

Instrument :
BNA_E
ClientSampleId :
F5C66DL

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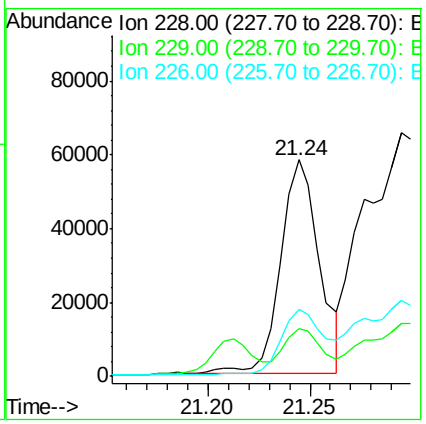
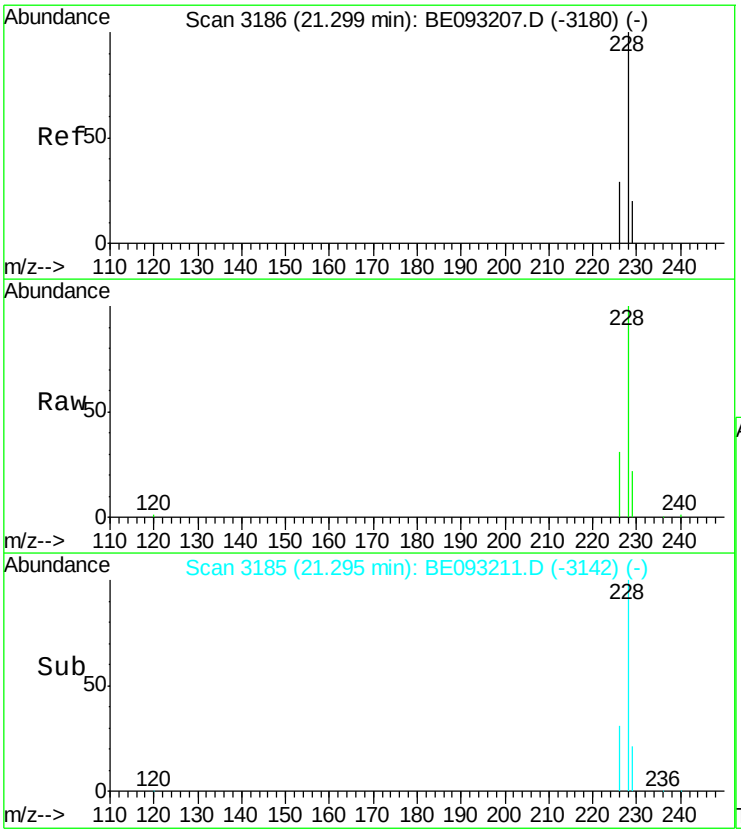
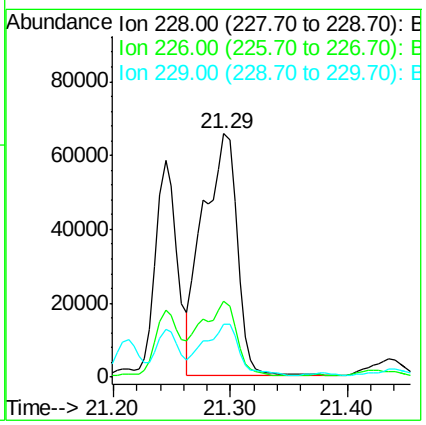


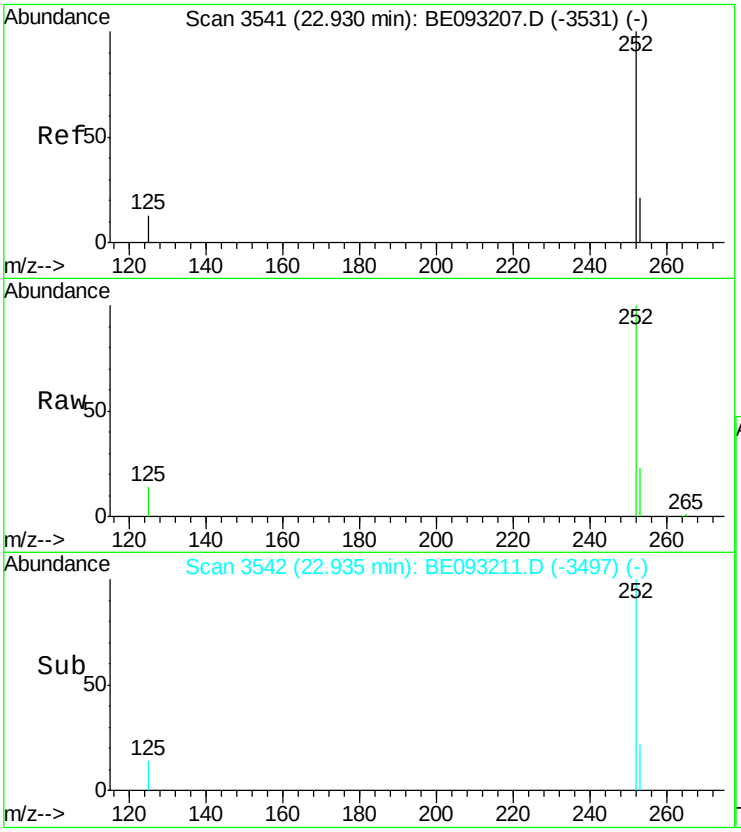


#19
Chrysene
Concen: 2.139 ng/ul
RT: 21.29 min Scan# 3185
Delta R.T. -0.00 min
Lab File: BE093211.D
Acq: 15 Jun 2017 16:51

Tgt Ion:228 Resp: 132020

Ion	Ratio	Lower	Upper
228	100		
226	31.2	23.4	35.0
229	21.6	17.7	26.5

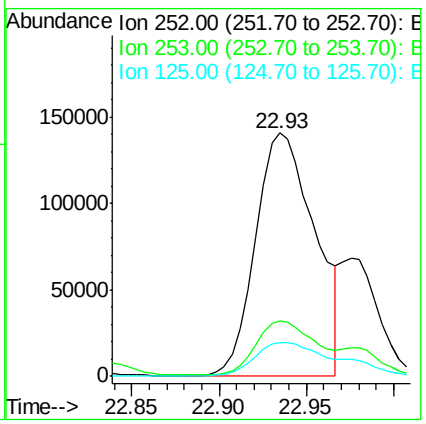




#21
Benzo(b)fluoranthene
Concen: 6.027 ng/ul m
RT: 22.93 min Scan# 3542
Delta R.T. 0.01 min
Lab File: BE093211.D
Acq: 15 Jun 2017 16:51

Tgt Ion:252 Resp: 336253

Ion	Ratio	Lower	Upper
252	100		
253	22.8	0.0	64.2
125	14.0	0.0	35.0



Instrument :
BNA_E
ClientSampleId :
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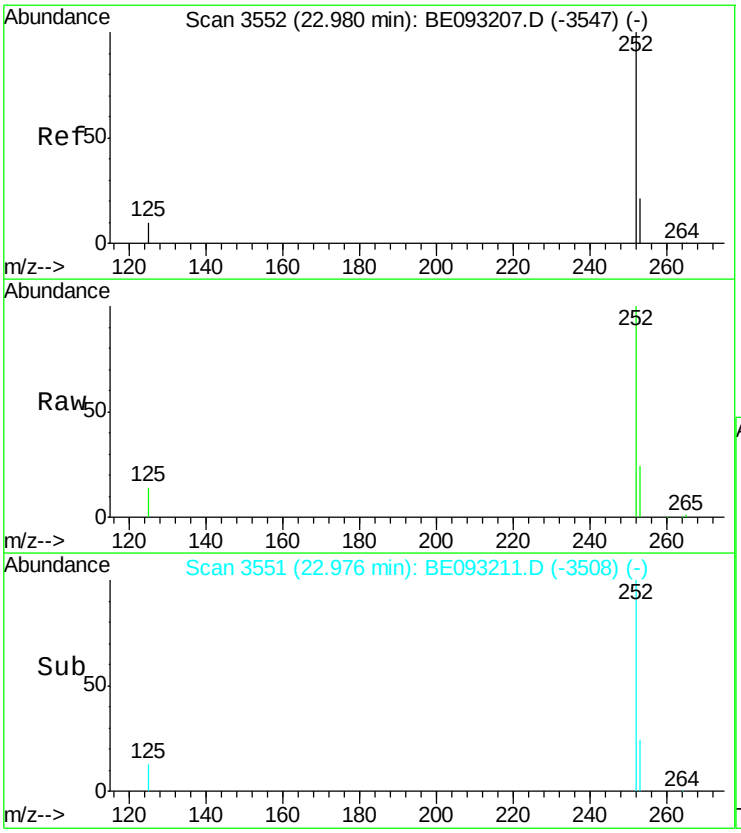
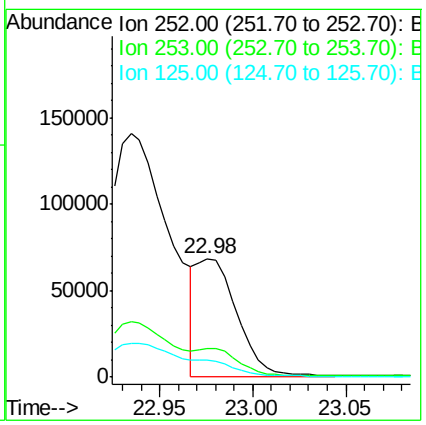
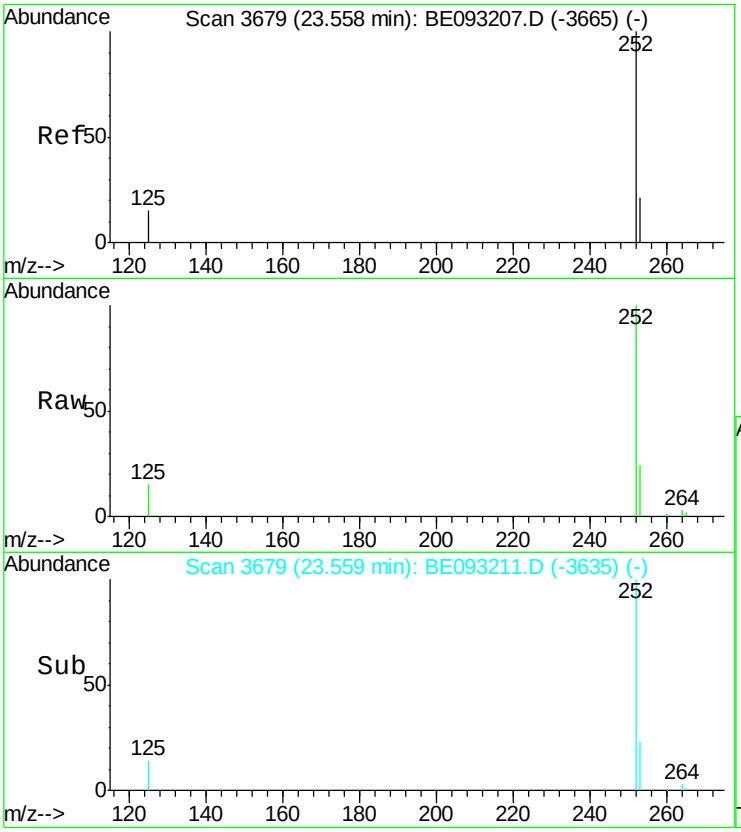


#22
Benzo(k)fluoranthene
Concen: 1.757 ng/ul m
RT: 22.98 min Scan# 3551
Delta R.T. -0.00 min
Lab File: BE093211.D
Acq: 15 Jun 2017 16:51

Tgt Ion:252 Resp: 104143

Ion	Ratio	Lower	Upper
252	100		
253	24.2	24.5	36.7#
125	14.1	13.7	20.5





#23
Benzo(a)pyrene
Concen: 2.608 ng/ul
RT: 23.56 min Scan# 3679
Delta R.T. 0.00 min
Lab File: BE093211.D
Acq: 15 Jun 2017 16:51

Tgt Ion:252 Resp: 137567

Ion	Ratio	Lower	Upper
252	100		
253	23.9	28.5	42.7#
125	14.9	18.1	27.1#

Instrument :
BNA_E
ClientSampleId :
F5C66DL

Manual Integrations APPROVED
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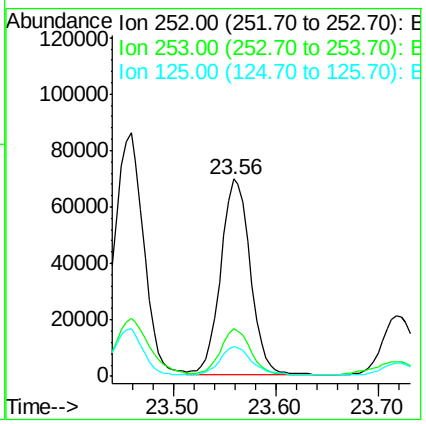
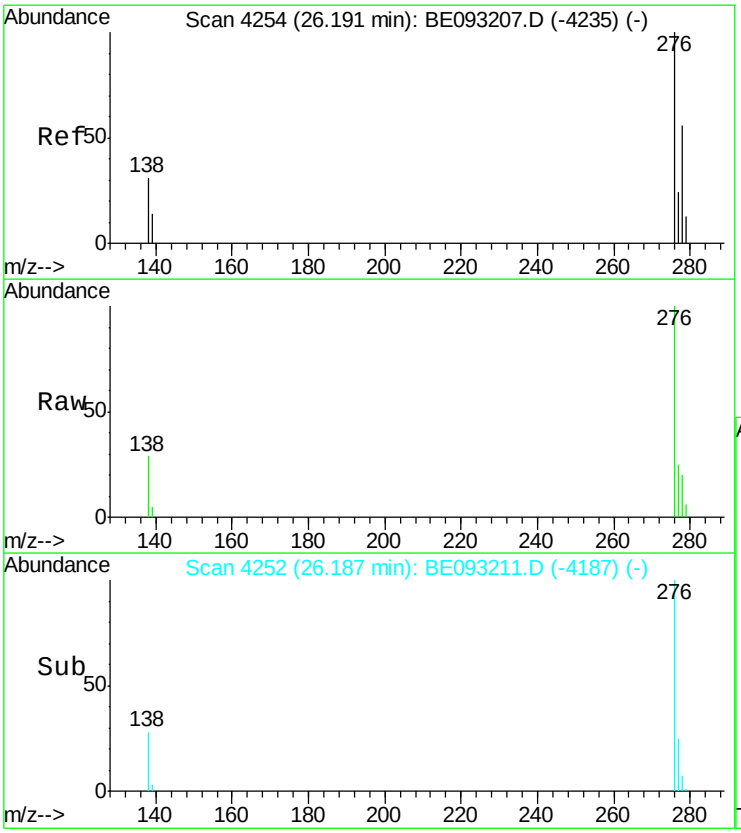
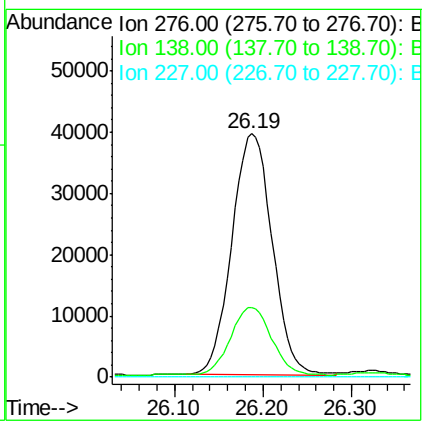


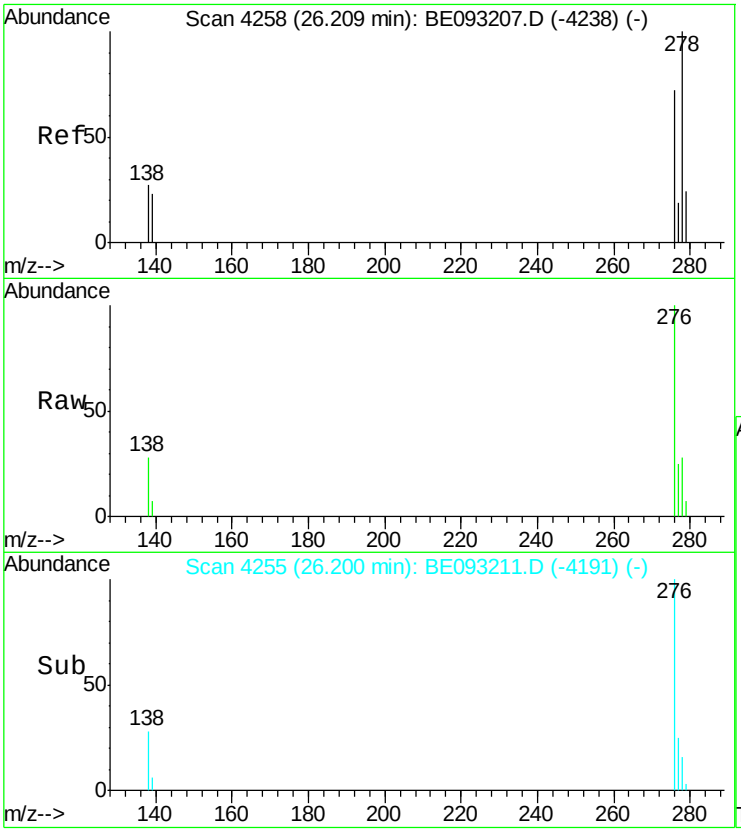


#24
Indeno(1,2,3-cd)pyrene
Concen: 2.044 ng/ul
RT: 26.19 min Scan# 4252
Delta R.T. -0.00 min
Lab File: BE093211.D
Acq: 15 Jun 2017 16:51

Tgt Ion:276 Resp: 124827

Ion	Ratio	Lower	Upper
276	100		
138	28.7	28.0	42.0
227	0.0	8.0	12.0#

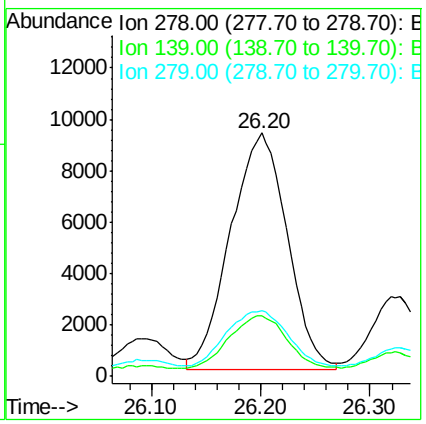




#25
Dibenzo(a,h)anthracene
Concen: 0.647 ng/ul
RT: 26.20 min Scan# 4255
Delta R.T. -0.01 min
Lab File: BE093211.D
Acq: 15 Jun 2017 16:51

Tgt Ion:278 Resp: 33307

Ion	Ratio	Lower	Upper
278	100		
139	25.1	17.4	26.0
279	27.2	25.9	38.9



Instrument :
BNA_E
ClientSampleId :
F5C66DL

Manual Integrations APPROVED
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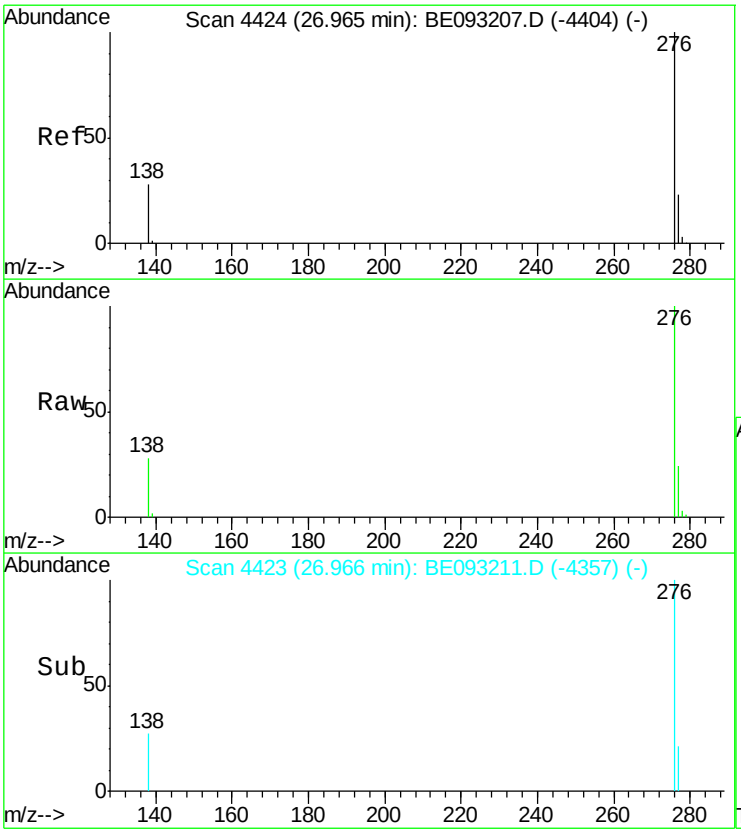

#26
Benzo(g,h,i)perylene
Concen: 1.775 ng/ul
RT: 26.97 min Scan# 4423
Delta R.T. 0.00 min
Lab File: BE093211.D
Acq: 15 Jun 2017 16:51

Tgt Ion:276 Resp: 93003

Ion	Ratio	Lower	Upper
276	100		
138	28.1	21.8	32.8
277	24.0	20.5	30.7