Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081517\
Data File : BE093830.D
Acq On : 16 Aug 2017 5:05
Operator : SJ/JU
Sample : I4529-11DL 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AA5DL

Manual Integrations APPROVED
Sohil
8/16/2017 6:43:06 PM

Quant Time: Aug 16 08:44:06 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE072417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 16 07:30:49 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	2363	0.40	ng/ul	0.00
2) Naphthalene-d8	10.70	136	12562	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	8197	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	15988	0.40	ng/ul	0.00
16) Chrysene-d12	21.41	240	16977	0.40	ng/ul	0.00
20) Perylene-d12	23.91	264	17238	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	1825	0.09	ng/ul	0.00
14) Fluoranthene-d10	19.27	212	5255	0.10	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.75	128	25019	0.819	ng/ul#	93
5) 2-Methylnaphthalene	12.35	142	31561	1.416	ng/ul	100
7) Acenaphthylene	14.24	152	5244	0.153	ng/ul#	65
8) Acenaphthene	14.58	153	7585	0.281	ng/ul	95
9) Fluorene	15.57	166	39407	1.156	ng/ul	92
12) Phenanthrene	17.29	178	93915	2.157	ng/ul#	92
13) Anthracene	17.38	178	23218	0.547	ng/ul#	91
15) Fluoranthene	19.30	202	49573	0.910	ng/ul	83
17) Pyrene	19.66	202	58805	1.187	ng/ul#	83
18) Benzo(a)anthracene	21.39	228	18097	0.368	ng/ul#	81
19) Chrysene	21.45	228	18740	0.397	ng/ul#	82
21) Benzo(b)fluoranthene	23.14	252	13310m	0.250	ng/ul	
22) Benzo(k)fluoranthene	23.19	252	6567m	0.125	ng/ul	
23) Benzo(a)pyrene	23.80	252	12482	0.246	ng/ul	96
24) Indeno(1,2,3-cd)pyrene	26.55	276	5571	0.099	ng/ul#	83
26) Benzo(g,h,i)perylene	27.37	276	4302	0.091	ng/ul#	82

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081517\
Data File : BE093830.D
Acq On : 16 Aug 2017 5:05
Operator : SJ/JU
Sample : I4529-11DL 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Aug 16 08:44:06 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE072417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 16 07:30:49 2017
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
C0AA5DL

Manual Integrations APPROVED
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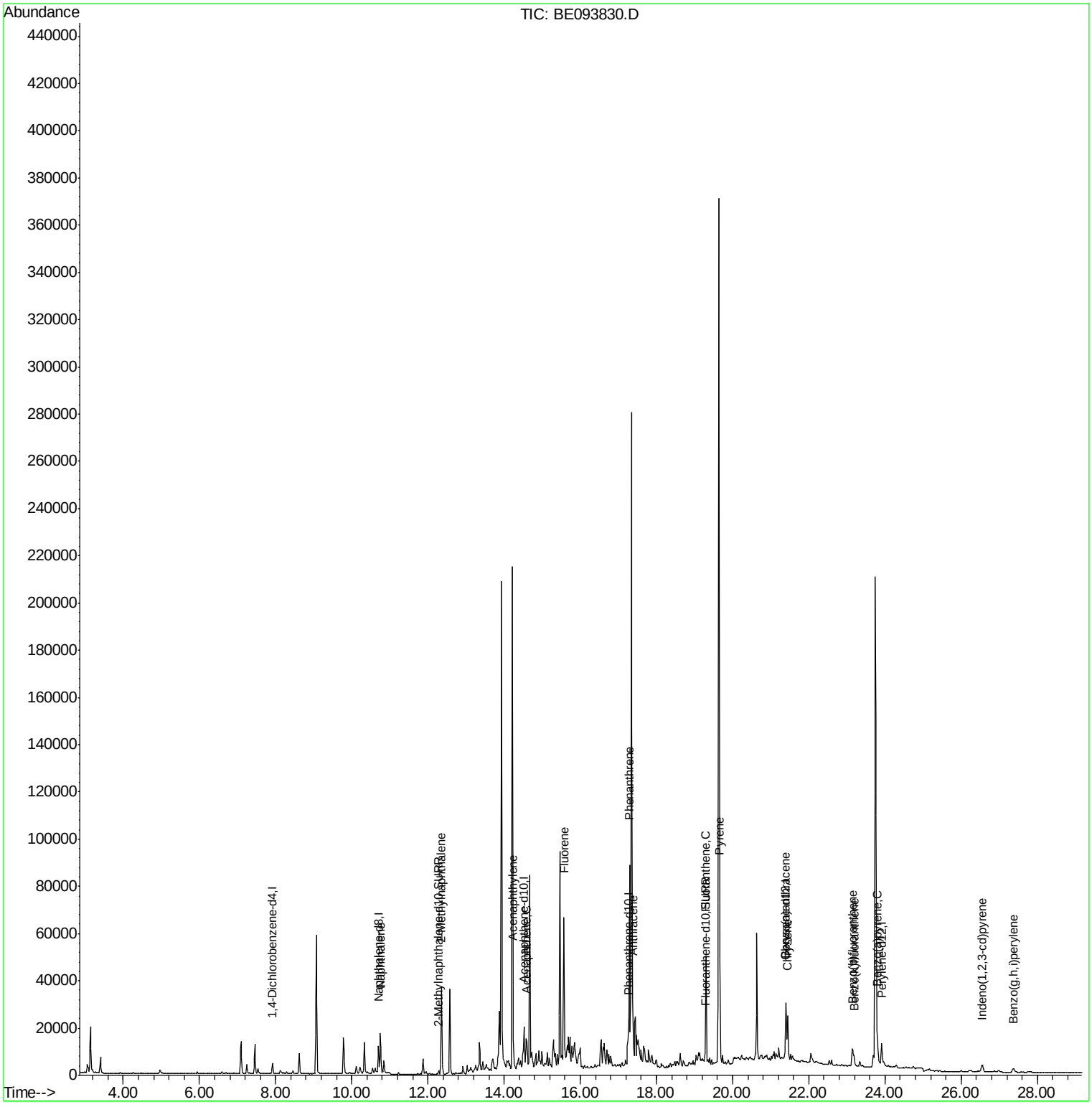

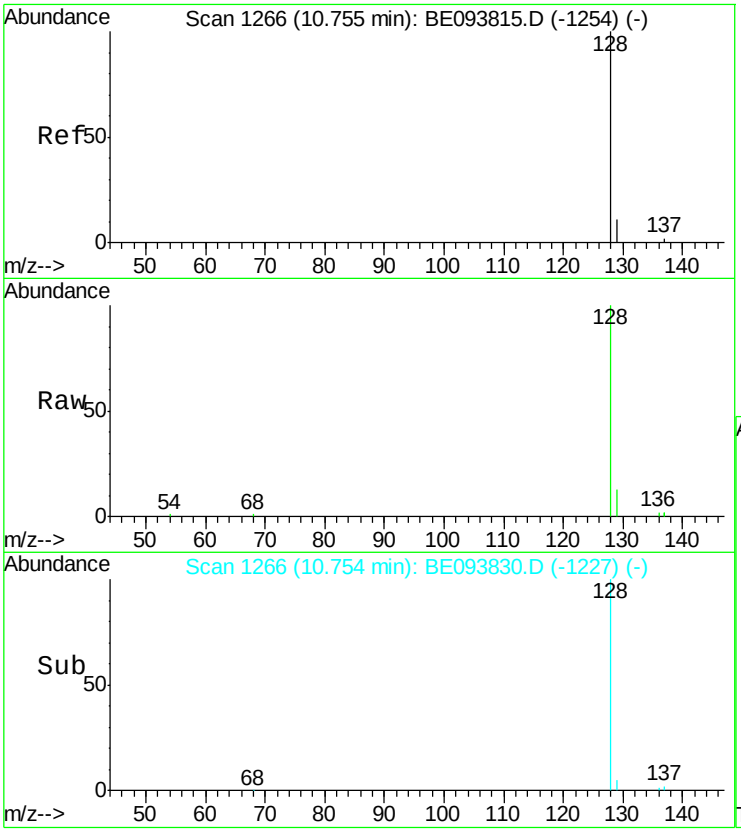

#3
Naphthalene
Concen: 0.819 ng/ul
RT: 10.75 min Scan# 1266
Delta R.T. -0.00 min
Lab File: BE093830.D
Acq: 16 Aug 2017 5:05

Tgt Ion:128 Resp: 25019

Ion	Ratio	Lower	Upper
128	100		
129	12.6	11.3	16.9
127	0.0	4.0	6.0#

Instrument :
BNA_E
ClientSampleId :
C0AA5DL

Manual Integrations APPROVED
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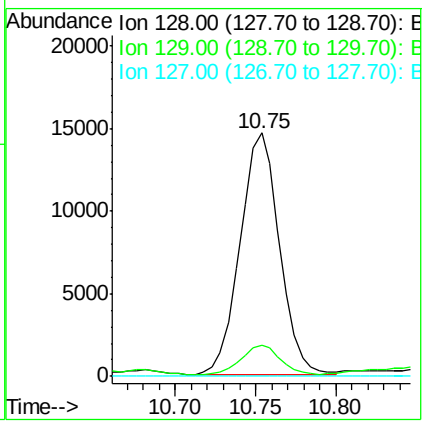
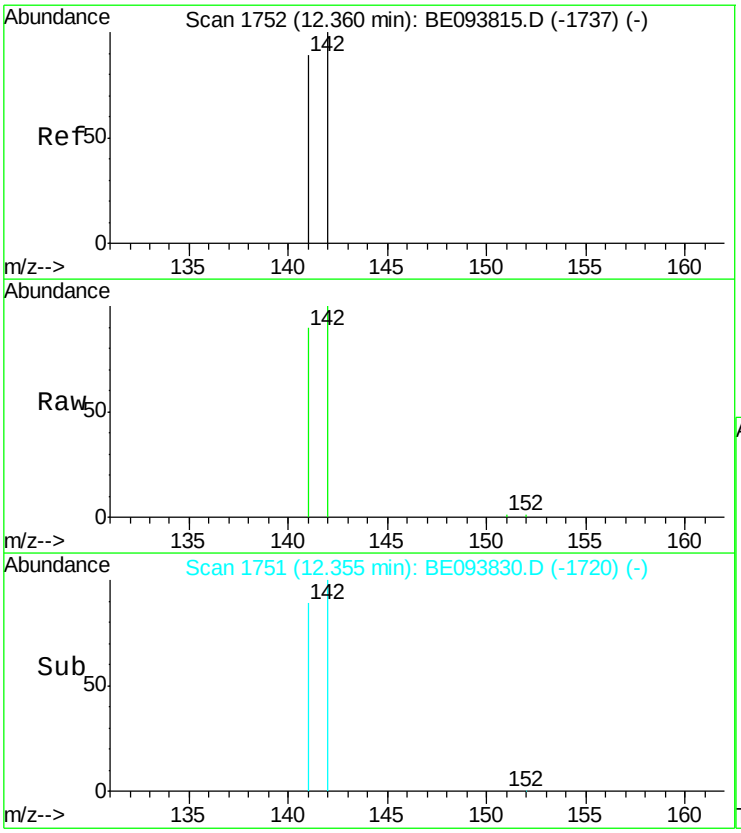
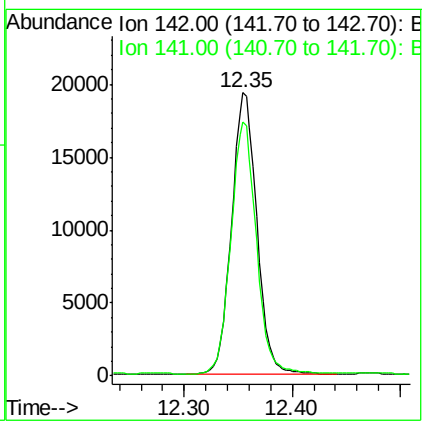


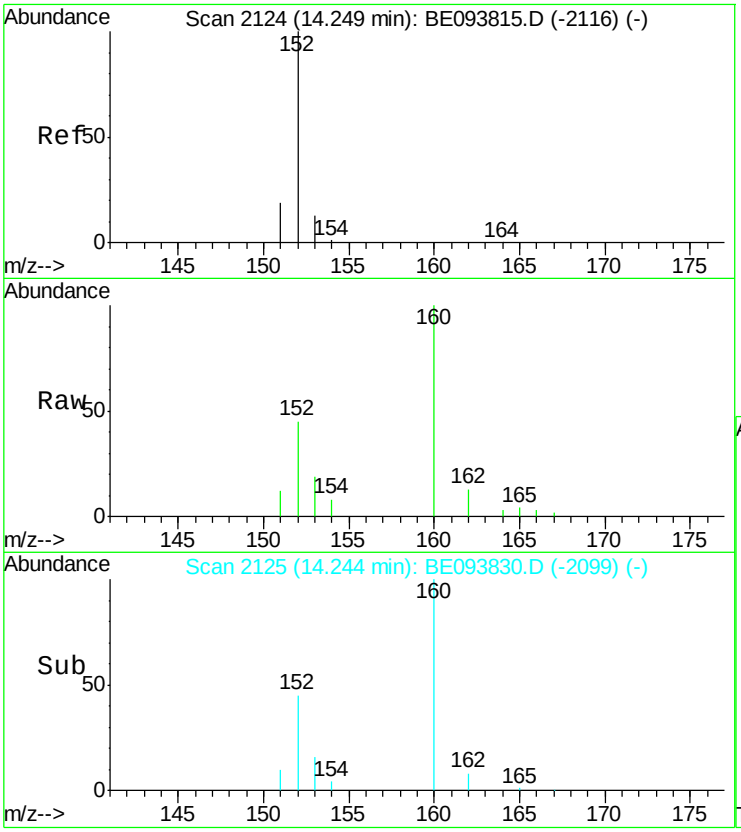


#5
2-Methylnaphthalene
Concen: 1.416 ng/ul
RT: 12.35 min Scan# 1751
Delta R.T. -0.01 min
Lab File: BE093830.D
Acq: 16 Aug 2017 5:05

Tgt Ion:142 Resp: 31561

Ion	Ratio	Lower	Upper
142	100		
141	90.4	72.6	108.8





#7
Acenaphthylene
Concen: 0.153 ng/ul
RT: 14.24 min Scan# 2125
Delta R.T. -0.01 min
Lab File: BE093830.D
Acq: 16 Aug 2017 5:05

Tgt Ion:152 Resp: 5244

Ion	Ratio	Lower	Upper
152	100		
151	27.7	17.1	25.7#
153	42.6	12.8	19.2#

Instrument :
BNA_E
ClientSampleId :
C0AA5DL

Manual Integrations APPROVED
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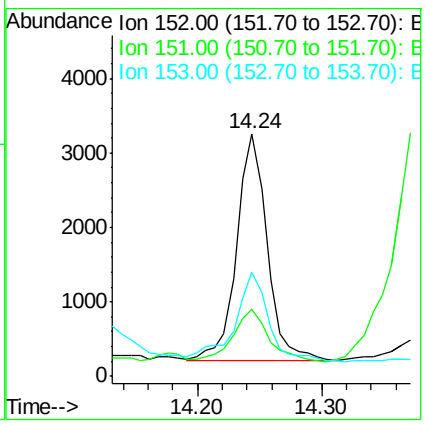
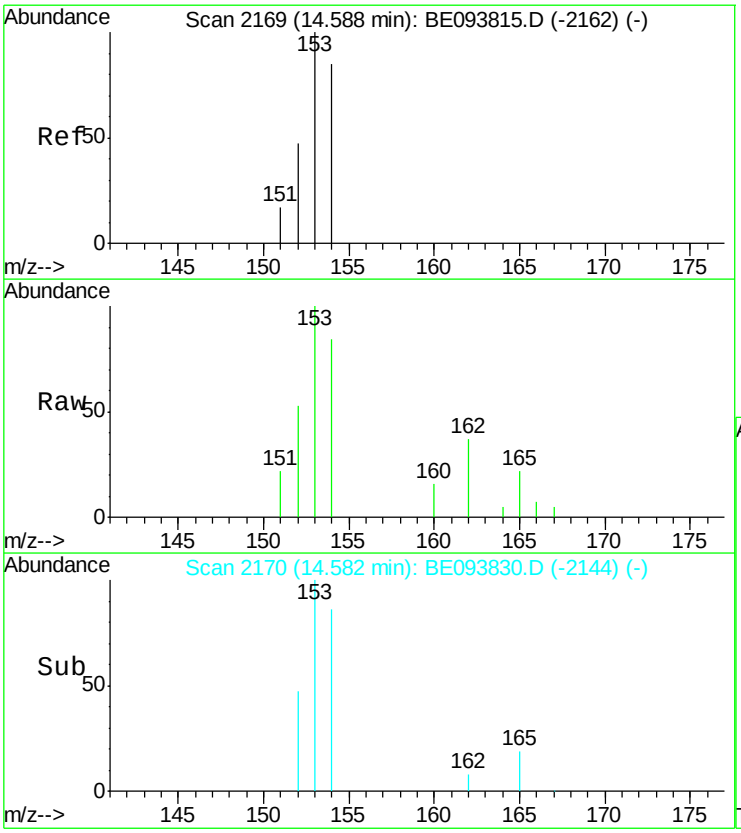
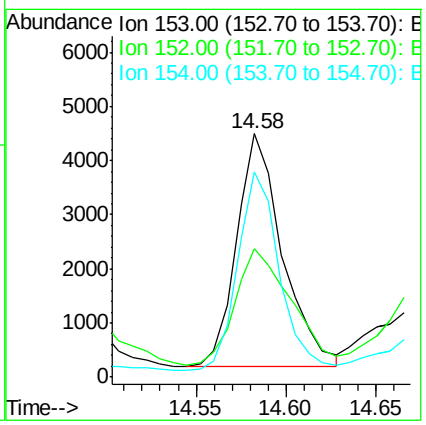


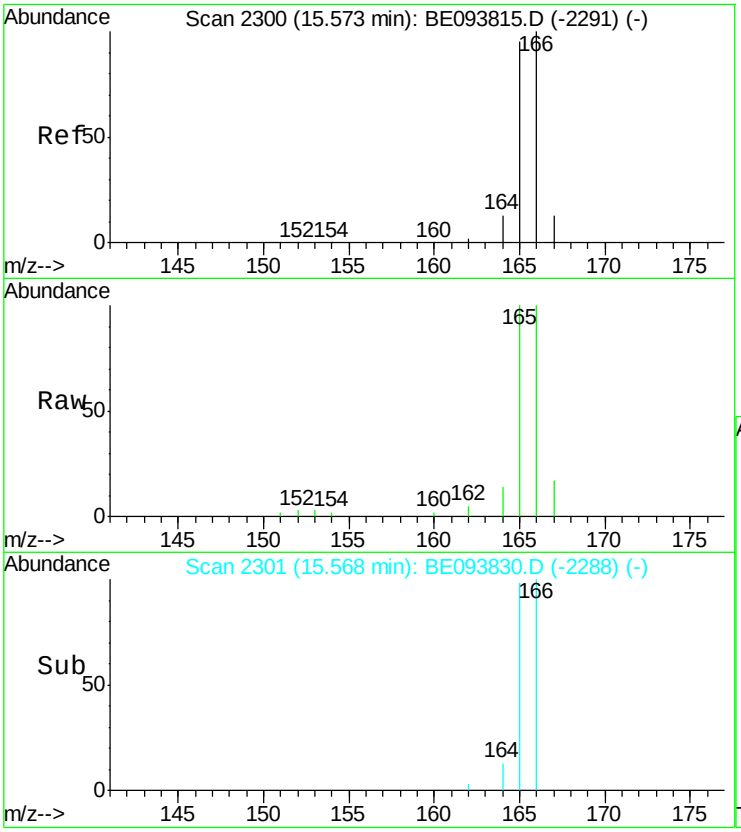


#8
Acenaphthene
Concen: 0.281 ng/ul
RT: 14.58 min Scan# 2170
Delta R.T. -0.01 min
Lab File: BE093830.D
Acq: 16 Aug 2017 5:05

Tgt Ion:153 Resp: 7585

Ion	Ratio	Lower	Upper
153	100		
152	52.5	40.3	60.5
154	84.2	71.4	107.2

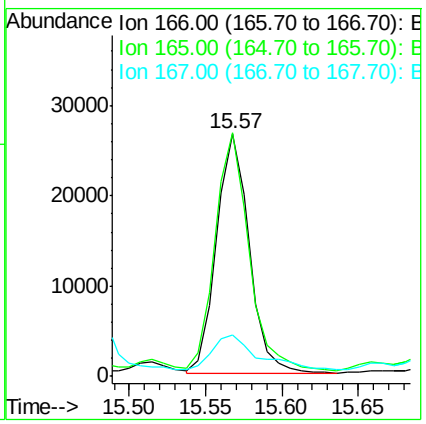




#9
Fluorene
Concen: 1.156 ng/ul
RT: 15.57 min Scan# 2301
Delta R.T. -0.01 min
Lab File: BE093830.D
Acq: 16 Aug 2017 5:05

Tgt Ion:166 Resp: 39407

Ion	Ratio	Lower	Upper
166	100		
165	100.2	73.4	110.2
167	17.0	14.6	22.0



Instrument :
BNA_E
ClientSampleId :
C0AA5DL

Manual Integrations APPROVED
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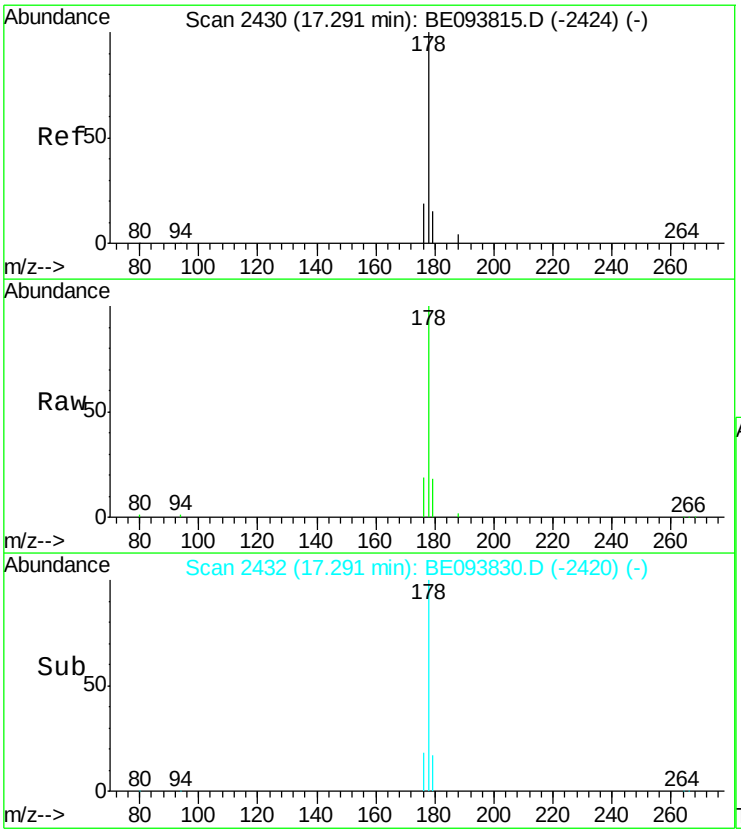
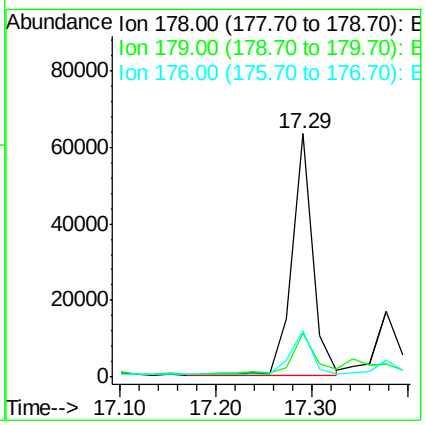
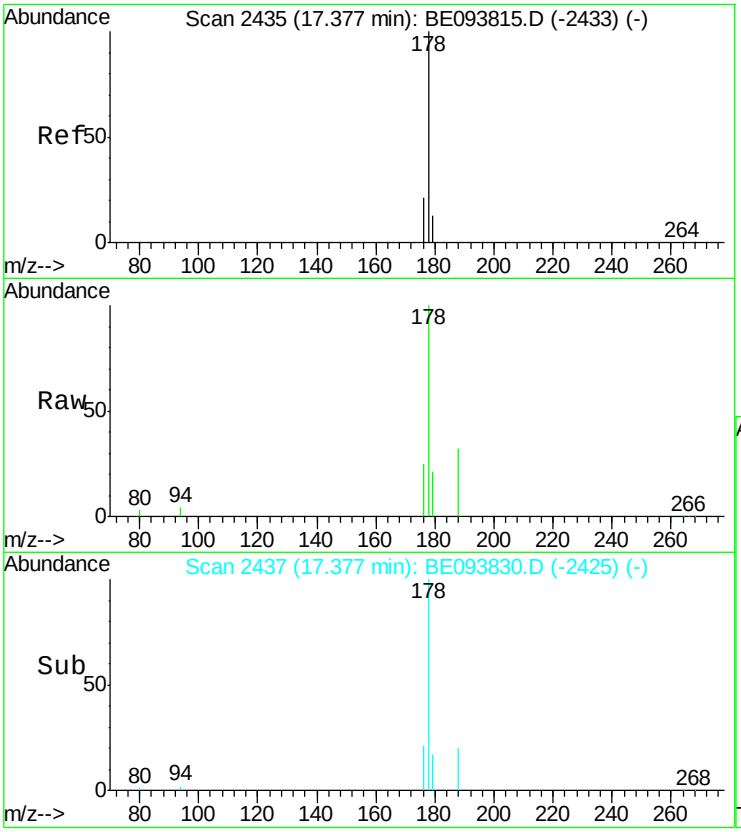


#12
Phenanthrene
Concen: 2.157 ng/ul
RT: 17.29 min Scan# 2432
Delta R.T. 0.00 min
Lab File: BE093830.D
Acq: 16 Aug 2017 5:05

Tgt Ion:178 Resp: 93915

Ion	Ratio	Lower	Upper
178	100		
179	17.8	18.4	27.6#
176	19.2	13.6	20.4





#13
Anthracene
Concen: 0.547 ng/ul
RT: 17.38 min Scan# 2437
Delta R.T. 0.00 min
Lab File: BE093830.D
Acq: 16 Aug 2017 5:05

Tgt Ion:178 Resp: 23218

Ion	Ratio	Lower	Upper
178	100		
179	21.1	18.1	27.1
176	25.5	14.7	22.1#

Instrument :
BNA_E
ClientSampleId :
C0AA5DL

Manual Integrations APPROVED
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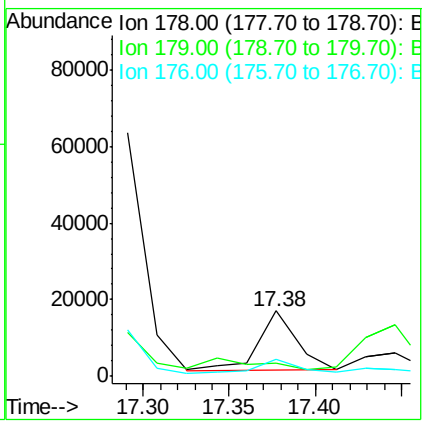
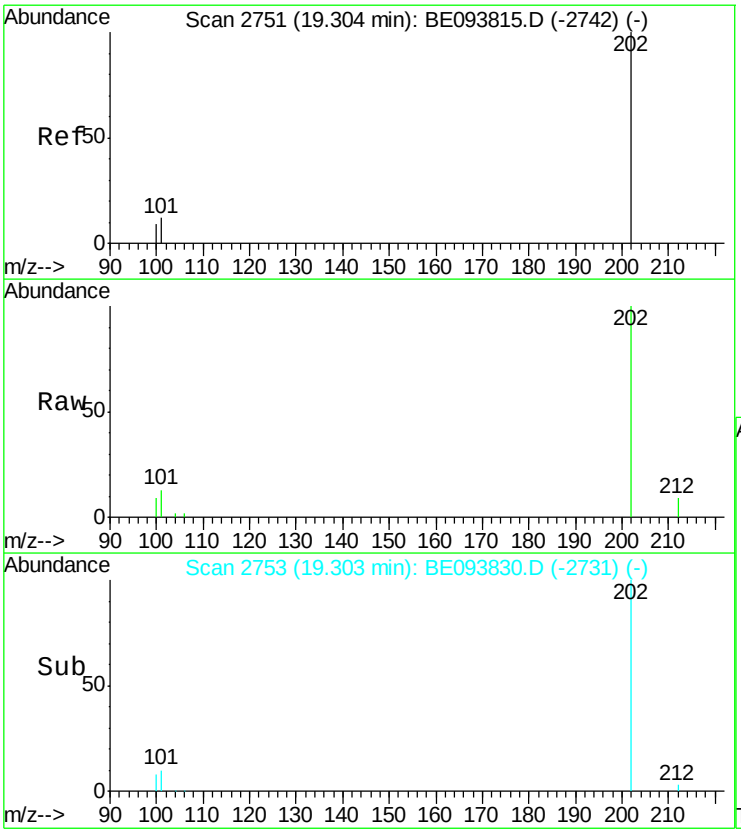
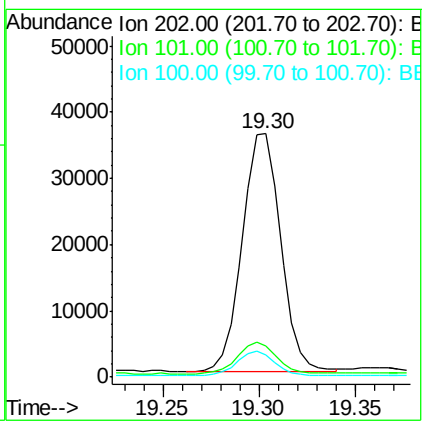


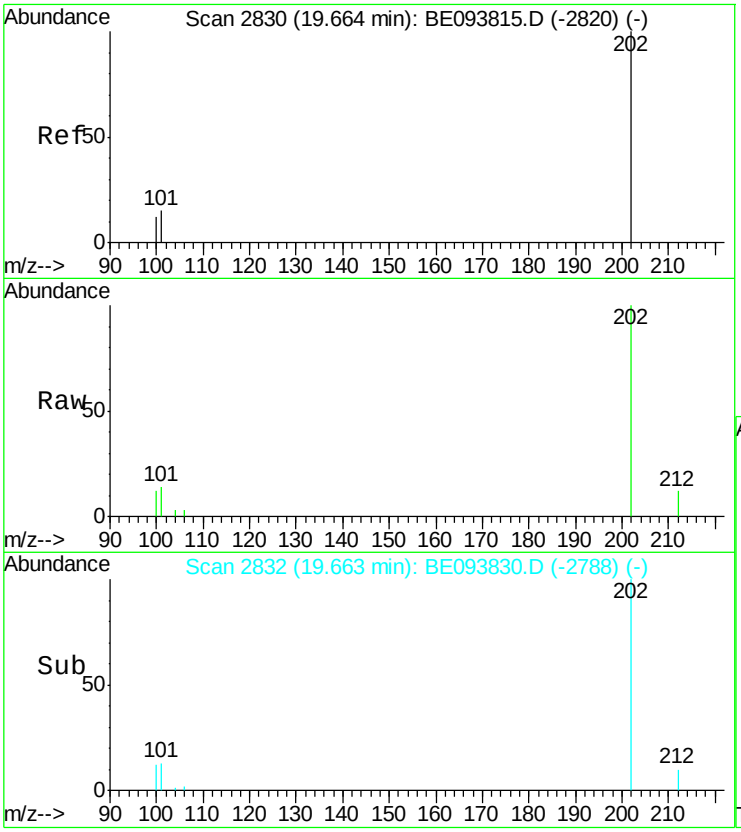


#15
Fluoranthene
Concen: 0.910 ng/ul
RT: 19.30 min Scan# 2753
Delta R.T. -0.00 min
Lab File: BE093830.D
Acq: 16 Aug 2017 5:05

Tgt Ion:202 Resp: 49573

Ion	Ratio	Lower	Upper
202	100		
101	12.7	0.0	30.3
100	9.3	0.0	39.5





#17
Pyrene
Concen: 1.187 ng/ul
RT: 19.66 min Scan# 2832
Delta R.T. -0.00 min
Lab File: BE093830.D
Acq: 16 Aug 2017 5:05

Tgt Ion:202 Resp: 58805

Ion	Ratio	Lower	Upper
202	100		
101	14.4	18.2	27.4#
100	11.7	15.6	23.4#

Instrument :
BNA_E
ClientSampleId :
C0AA5DL

Manual Integrations APPROVED
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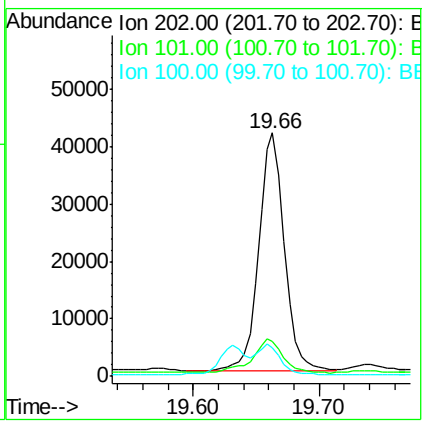
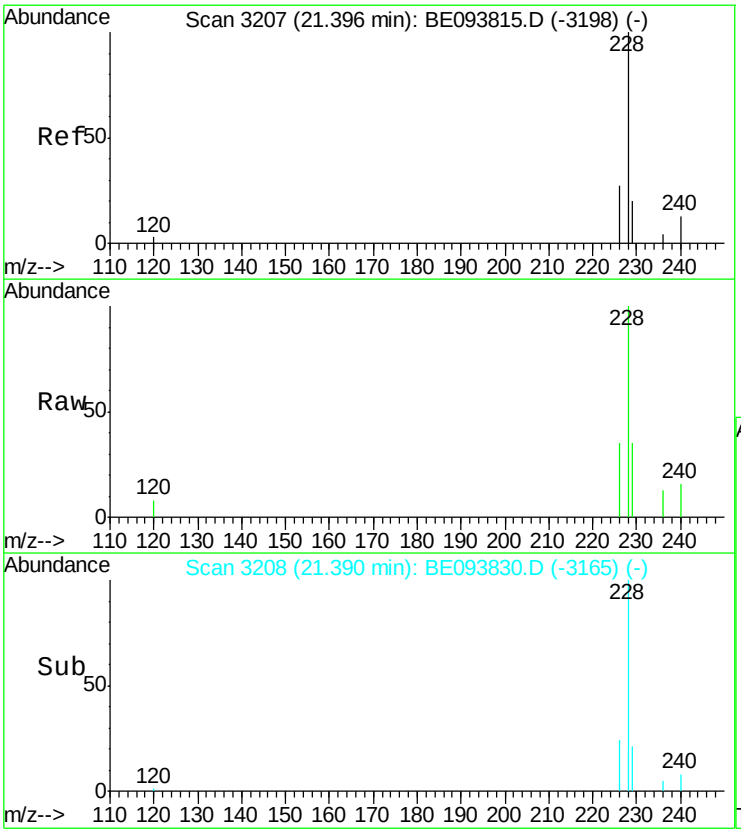
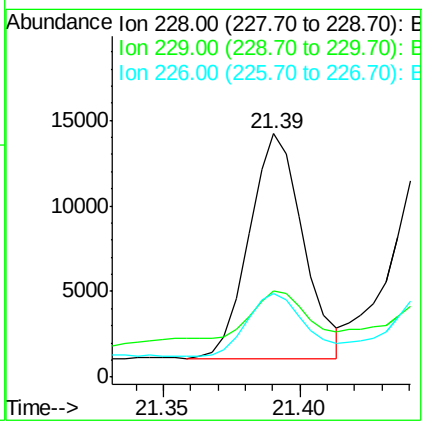


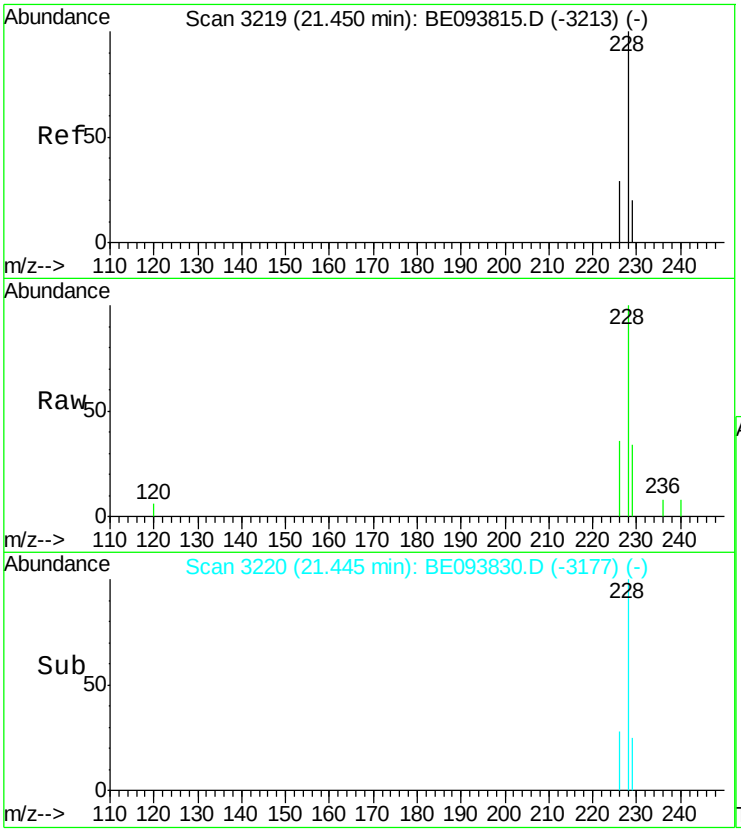


#18
Benzo(a)anthracene
Concen: 0.368 ng/ul
RT: 21.39 min Scan# 3208
Delta R.T. -0.01 min
Lab File: BE093830.D
Acq: 16 Aug 2017 5:05

Tgt Ion:228 Resp: 18097

Ion	Ratio	Lower	Upper
228	100		
229	35.1	22.8	34.2#
226	34.5	17.0	25.6#





#19
Chrysene
Concen: 0.397 ng/ul
RT: 21.45 min Scan# 3220
Delta R.T. -0.01 min
Lab File: BE093830.D
Acq: 16 Aug 2017 5:05

Tgt Ion:228 Resp: 18740

Ion	Ratio	Lower	Upper
228	100		
226	36.5	23.4	35.0#
229	33.9	17.7	26.5#

Instrument :
BNA_E
ClientSampleId :
C0AA5DL

Manual Integrations APPROVED
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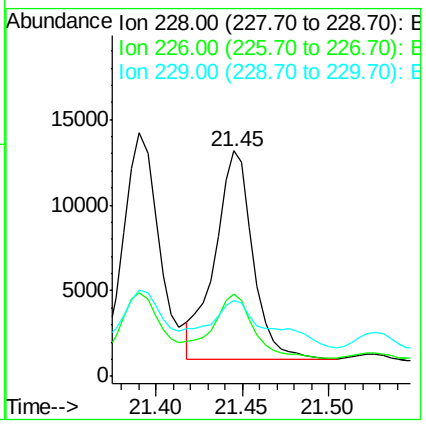
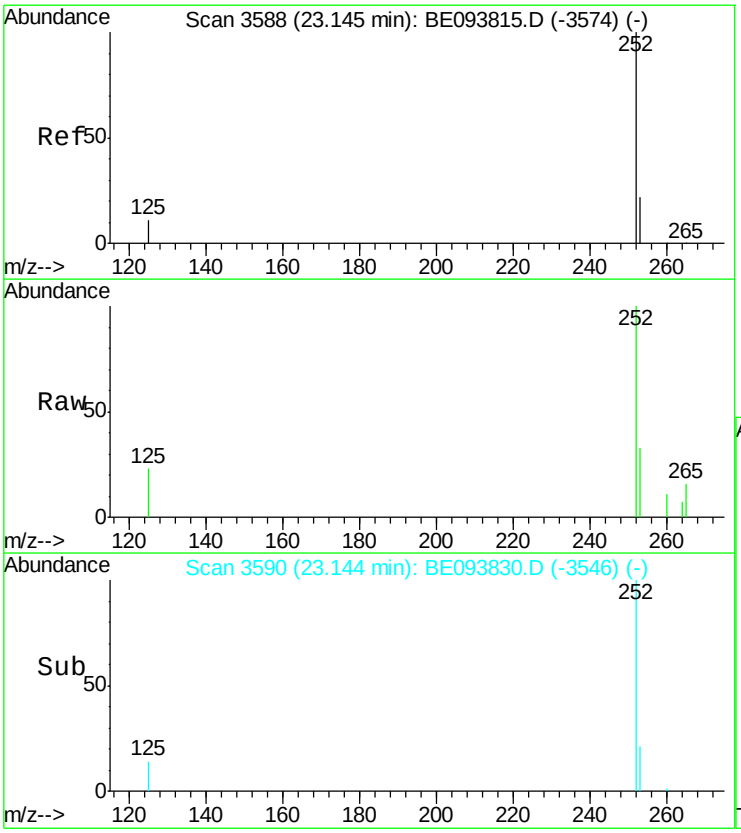
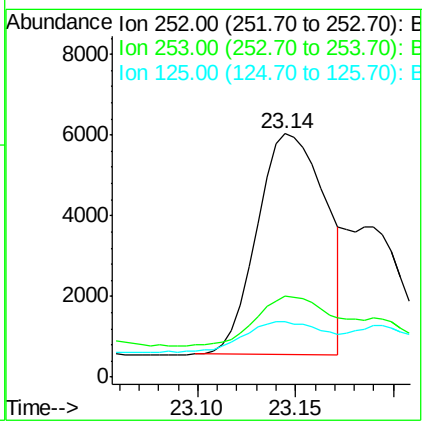


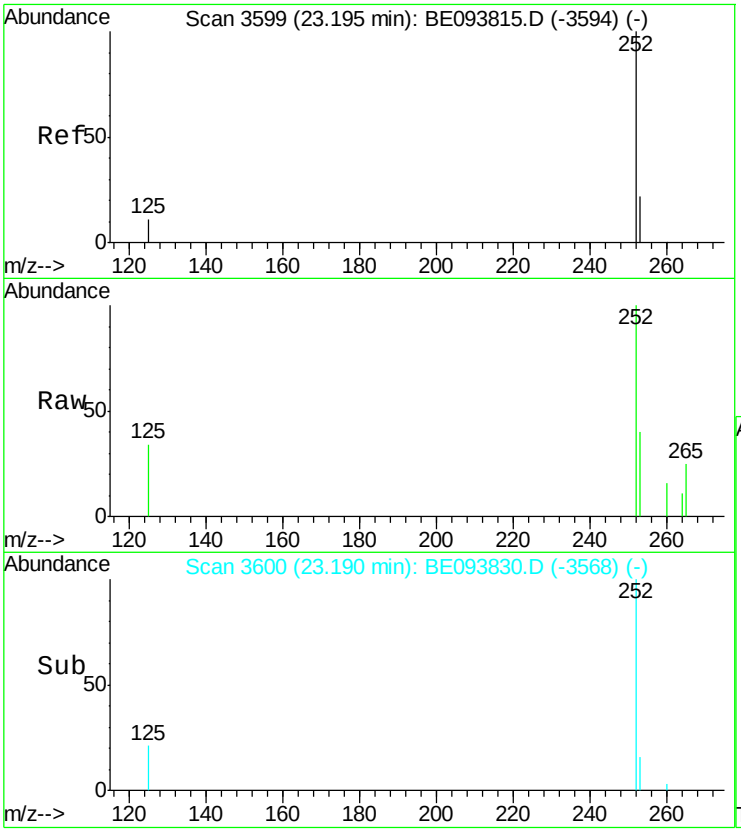


#21
Benzo(b)fluoranthene
Concen: 0.250 ng/ul m
RT: 23.14 min Scan# 3590
Delta R.T. -0.00 min
Lab File: BE093830.D
Acq: 16 Aug 2017 5:05

Tgt Ion:252 Resp: 13310

Ion	Ratio	Lower	Upper
252	100		
253	33.4	0.0	64.2
125	23.0	0.0	35.0





#22
Benzo(k)fluoranthene
Concen: 0.125 ng/ul m
RT: 23.19 min Scan# 3600
Delta R.T. -0.01 min
Lab File: BE093830.D
Acq: 16 Aug 2017 5:05

Tgt Ion:252 Resp: 6567

Ion	Ratio	Lower	Upper
252	100		
253	39.5	24.5	36.7#
125	33.9	13.7	20.5#

Instrument :
BNA_E
ClientSampleId :
C0AA5DL

Manual Integrations APPROVED
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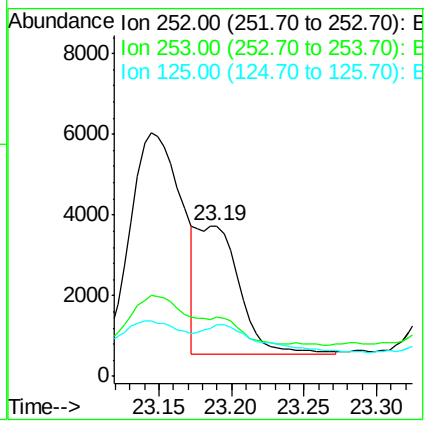
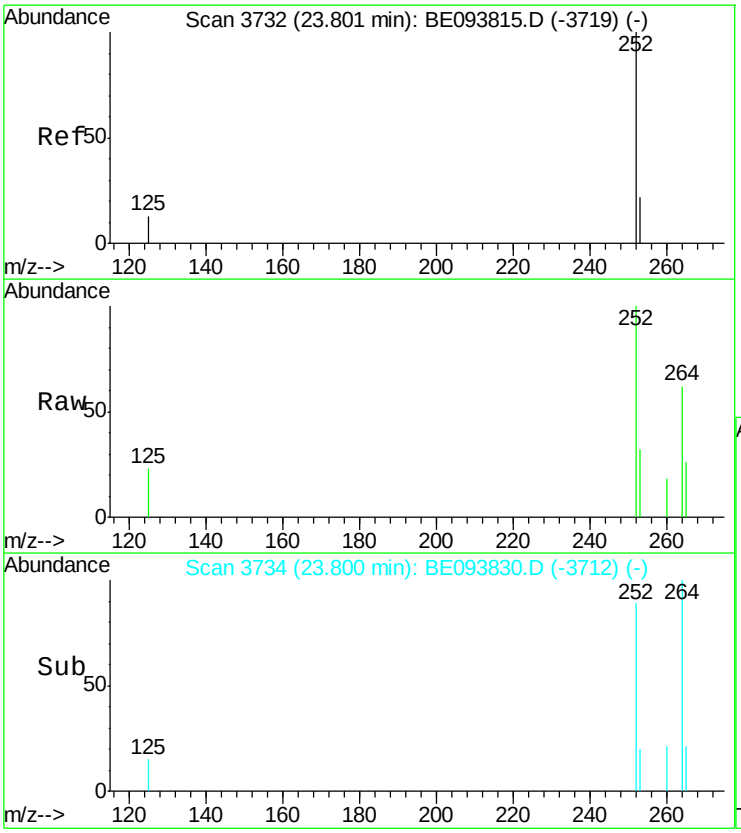
8/16/2017 6:43:06 PM

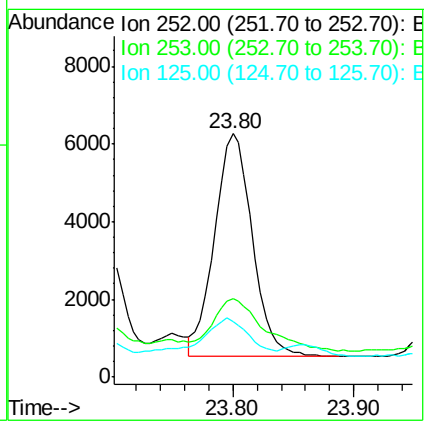


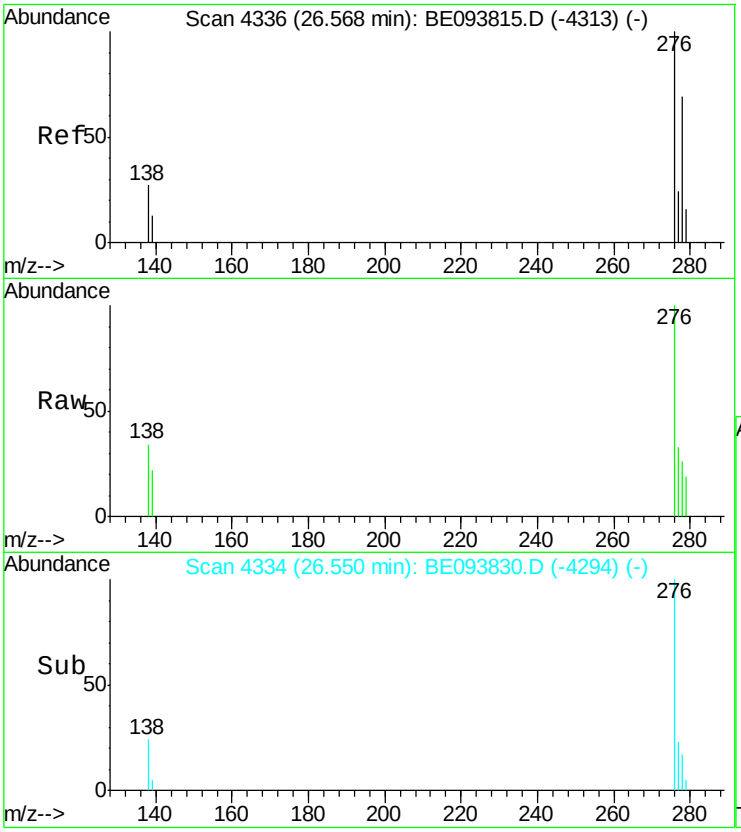


#23
Benzo(a)pyrene
Concen: 0.246 ng/ul
RT: 23.80 min Scan# 3734
Delta R.T. -0.00 min
Lab File: BE093830.D
Acq: 16 Aug 2017 5:05

Tgt Ion:252 Resp: 12482

Ion	Ratio	Lower	Upper
252	100		
253	32.1	28.5	42.7
125	23.0	18.1	27.1





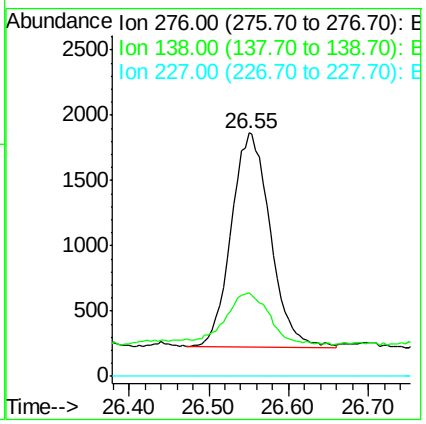
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.099 ng/ul
RT: 26.55 min Scan# 4334
Delta R.T. -0.02 min
Lab File: BE093830.D
Acq: 16 Aug 2017 5:05

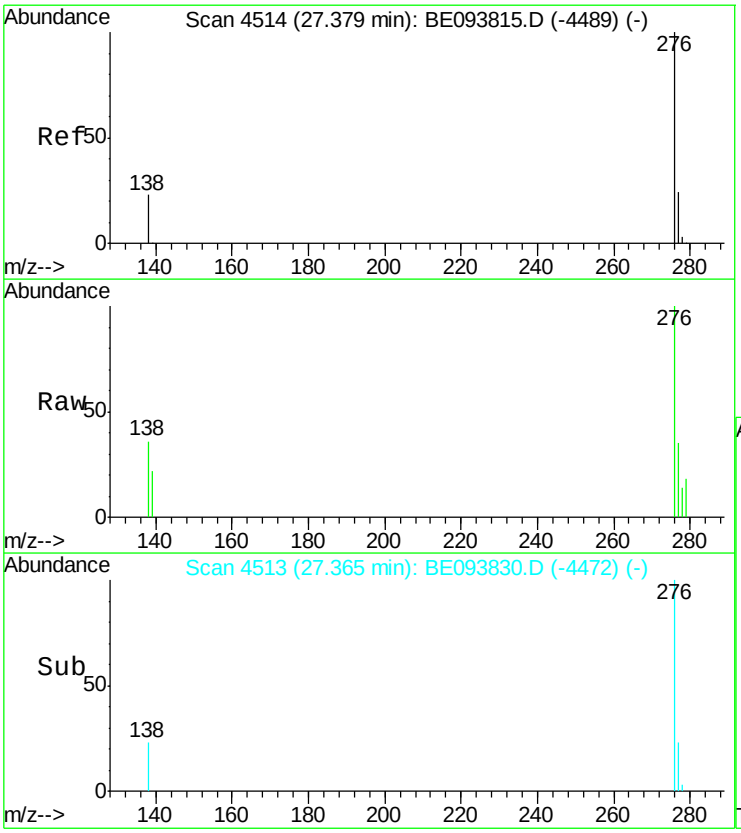
Instrument :
BNA_E
ClientSampleId :
C0AA5DL

Manual Integrations APPROVED
Sohil
8/16/2017 6:43:06 PM

Tgt Ion:276 Resp: 5571

Ion	Ratio	Lower	Upper
276	100		
138	27.1	28.0	42.0#
227	0.0	8.0	12.0#





#26
Benzo(g,h,i)perylene
Concen: 0.091 ng/ul
RT: 27.37 min Scan# 4513
Delta R.T. -0.01 min
Lab File: BE093830.D
Acq: 16 Aug 2017 5:05

Tgt Ion:276 Resp: 4302

Ion	Ratio	Lower	Upper
276	100		
138	36.4	21.8	32.8#
277	34.5	20.5	30.7#