Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE101017\
Data File : BE094274.D
Acq On : 11 Oct 2017 5:18
Operator : SJ/JU
Sample : I5522-02DL 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AD3DL

Manual Integrations APPROVED
Sohil
10/11/2017 7:20:36 PM

Quant Time: Oct 11 08:37:06 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 11 08:24:24 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	1844	0.40	ng/ul	0.00
2) Naphthalene-d8	10.69	136	9517	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.51	164	5281	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.24	188	11575	0.40	ng/ul	-0.02
16) Chrysene-d12	21.41	240	12096	0.40	ng/ul	0.00
20) Perylene-d12	23.92	264	11121	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	729	0.05	ng/ul	0.00
14) Fluoranthene-d10	19.27	212	1755	0.05	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.74	128	3882	0.167	ng/ul#	94
5) 2-Methylnaphthalene	12.35	142	1231	0.081	ng/ul	99
7) Acenaphthylene	14.24	152	1016	0.049	ng/ul#	84
8) Acenaphthene	14.57	153	5066	0.299	ng/ul	97
9) Fluorene	15.56	166	6269	0.316	ng/ul	93
12) Phenanthrene	17.29	178	118641	3.922	ng/ul#	92
13) Anthracene	17.38	178	26076	0.886	ng/ul#	92
15) Fluoranthene	19.30	202	255693	6.433	ng/ul	84
17) Pyrene	19.66	202	210392	6.251	ng/ul#	84
18) Benzo(a)anthracene	21.39	228	111394	3.471	ng/ul#	86
19) Chrysene	21.44	228	123835	3.342	ng/ul	99
21) Benzo(b)fluoranthene	23.15	252	151608m	5.018	ng/ul	
22) Benzo(k)fluoranthene	23.19	252	50983m	1.460	ng/ul	
23) Benzo(a)pyrene	23.80	252	96981	3.089	ng/ul#	80
24) Indeno(1,2,3-cd)pyrene	26.57	276	63462	1.976	ng/ul#	79
25) Dibenzo(a,h)anthracene	26.57	278	16114	0.598	ng/ul	94
26) Benzo(g,h,i)perylene	27.40	276	52113	1.881	ng/ul	99

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

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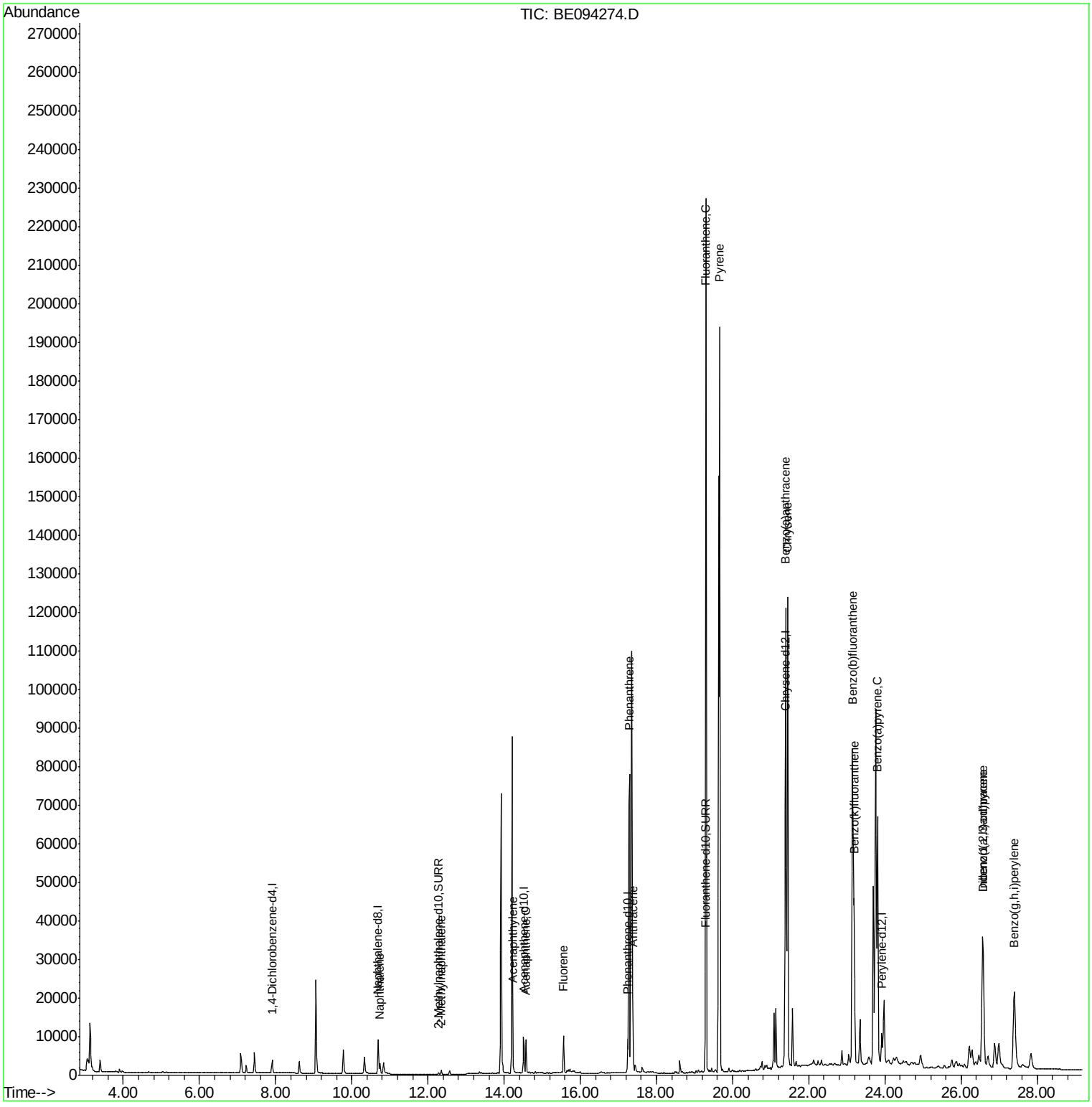

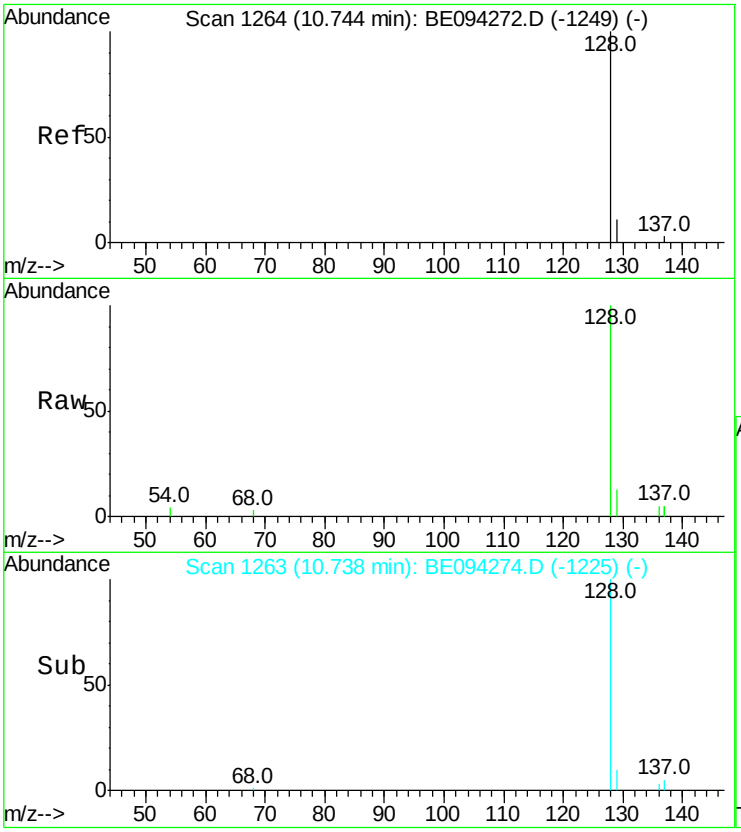

#3
Naphthalene
Concen: 0.167 ng/ul
RT: 10.74 min Scan# 1263
Delta R.T. -0.01 min
Lab File: BE094274.D
Acq: 11 Oct 2017 5:18

Tgt Ion:128 Resp: 3882

Ion	Ratio	Lower	Upper
128	100		
129	12.9	11.3	16.9
127	0.0	4.0	6.0#

Instrument :
BNA_E
ClientSampleId :
C0AD3DL

Manual Integrations APPROVED
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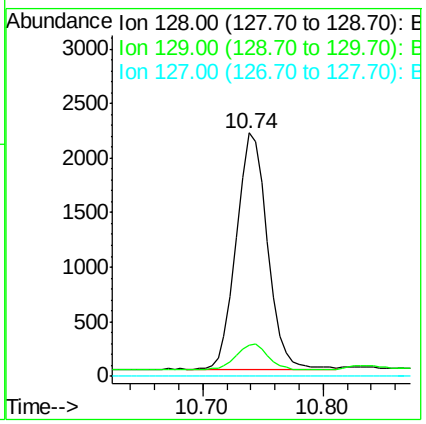
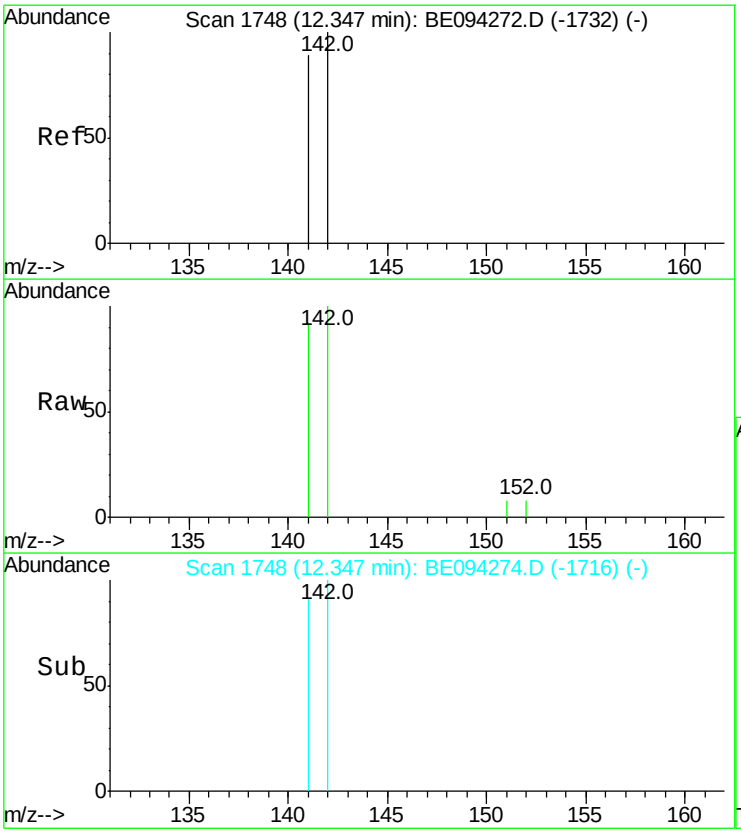
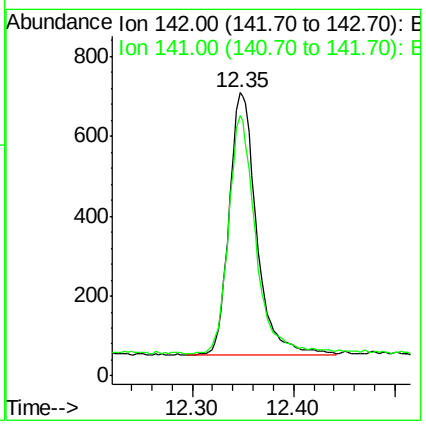


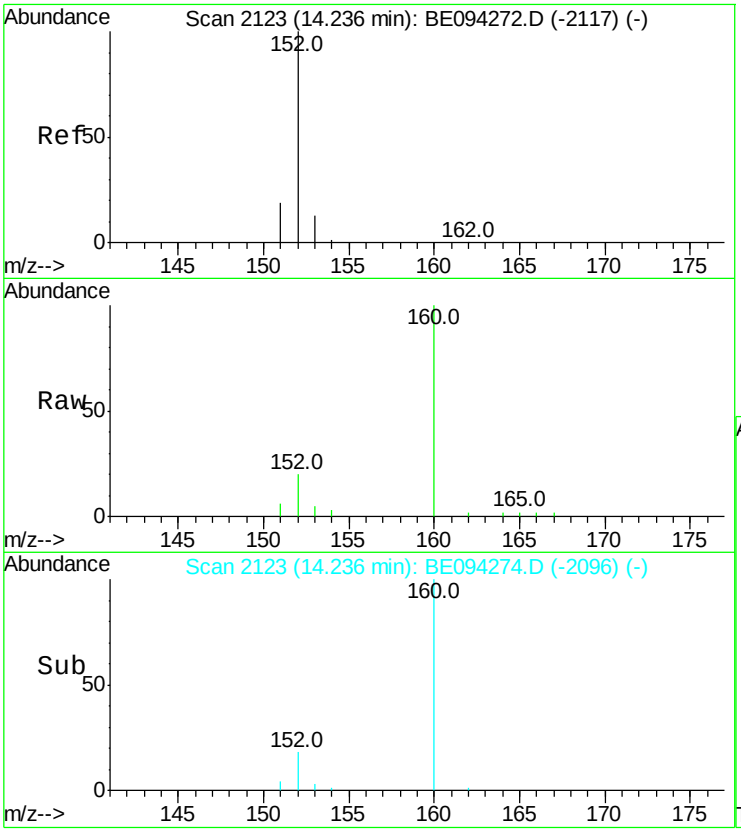


#5
2-Methylnaphthalene
Concen: 0.081 ng/ul
RT: 12.35 min Scan# 1748
Delta R.T. -0.00 min
Lab File: BE094274.D
Acq: 11 Oct 2017 5:18

Tgt Ion:142 Resp: 1231

Ion	Ratio	Lower	Upper
142	100		
141	89.7	72.6	108.8

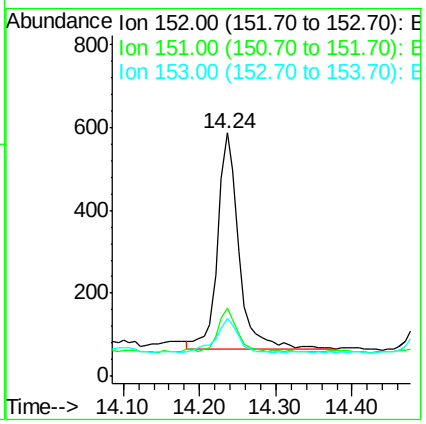




#7
Acenaphthylene
Concen: 0.049 ng/ul
RT: 14.24 min Scan# 2123
Delta R.T. -0.00 min
Lab File: BE094274.D
Acq: 11 Oct 2017 5:18

Tgt Ion:152 Resp: 1016

Ion	Ratio	Lower	Upper
152	100		
151	27.9	17.1	25.7#
153	24.0	12.8	19.2#



Instrument :
BNA_E
ClientSampleId :
C0AD3DL

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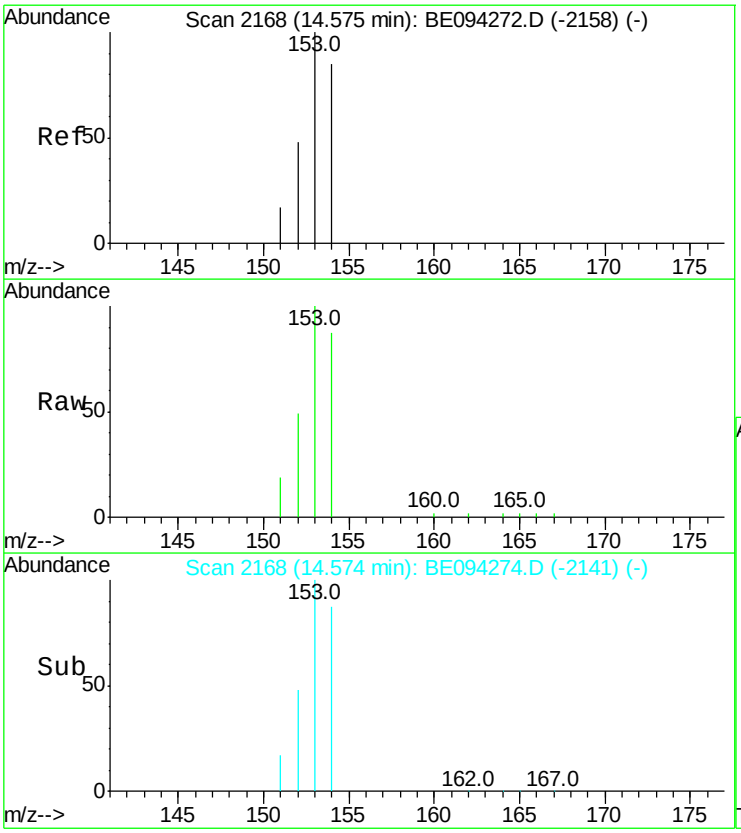
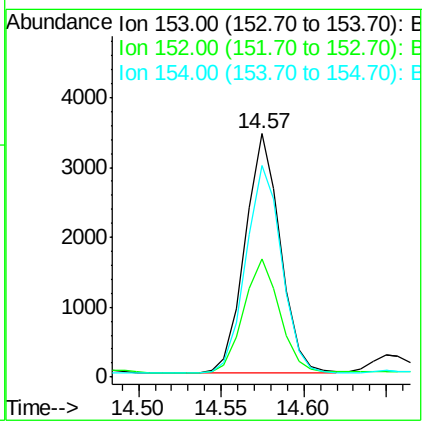
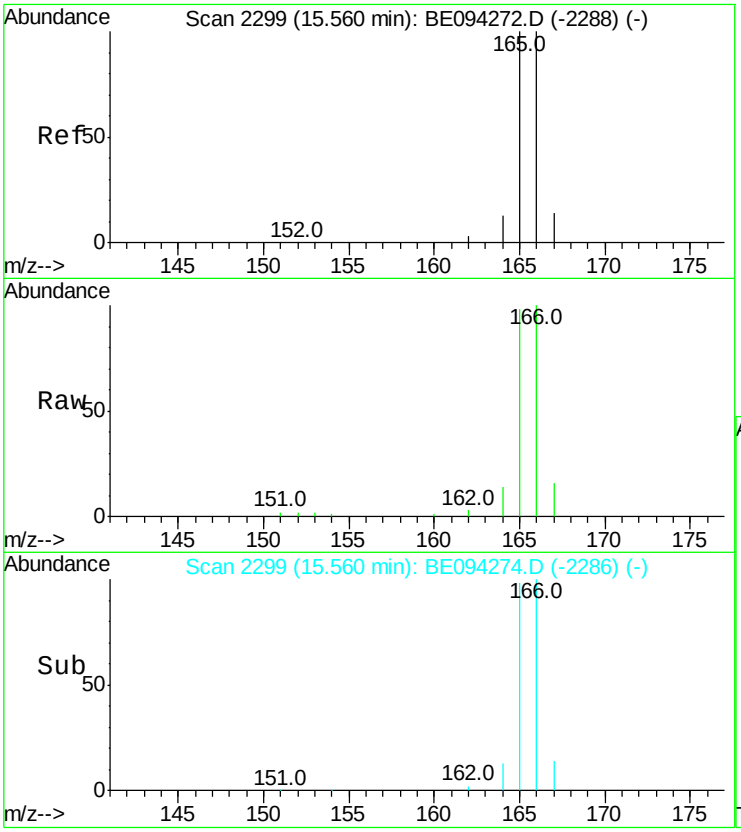


#8
Acenaphthene
Concen: 0.299 ng/ul
RT: 14.57 min Scan# 2168
Delta R.T. -0.00 min
Lab File: BE094274.D
Acq: 11 Oct 2017 5:18

Tgt Ion:153 Resp: 5066

Ion	Ratio	Lower	Upper
153	100		
152	48.7	40.3	60.5
154	86.9	71.4	107.2

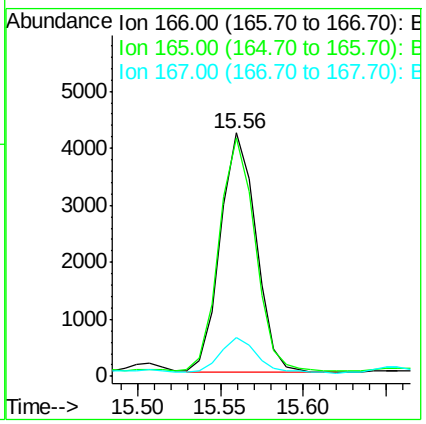




#9
Fluorene
Concen: 0.316 ng/ul
RT: 15.56 min Scan# 2299
Delta R.T. -0.00 min
Lab File: BE094274.D
Acq: 11 Oct 2017 5:18

Tgt Ion:166 Resp: 6269

Ion	Ratio	Lower	Upper
166	100		
165	98.2	73.4	110.2
167	15.8	14.6	22.0



Instrument :
BNA_E
ClientSampleId :
C0AD3DL

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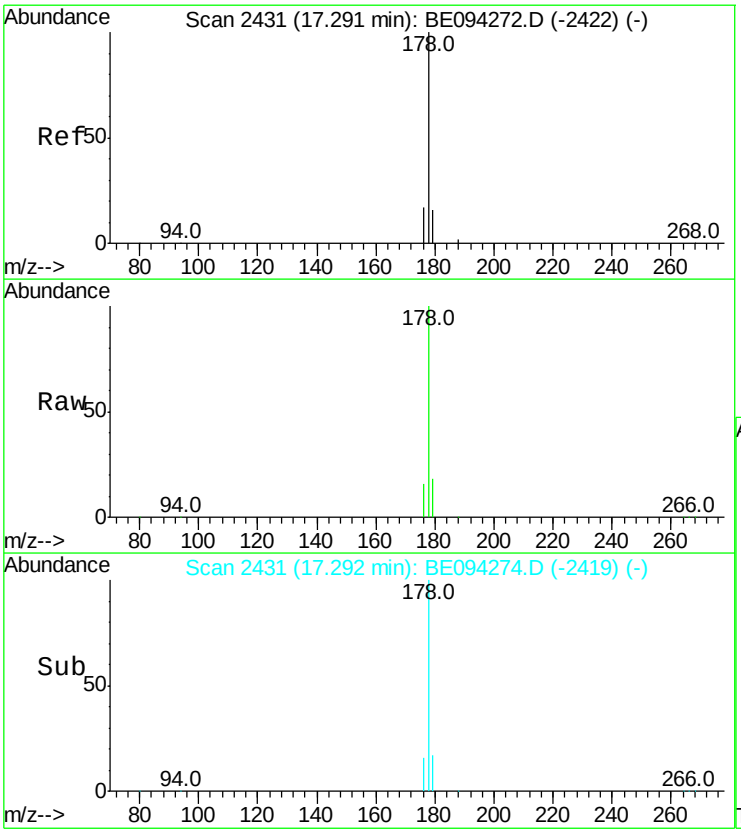
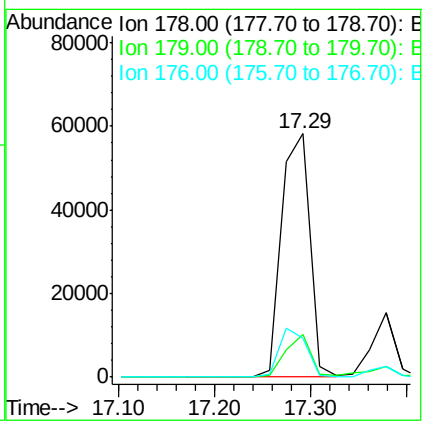
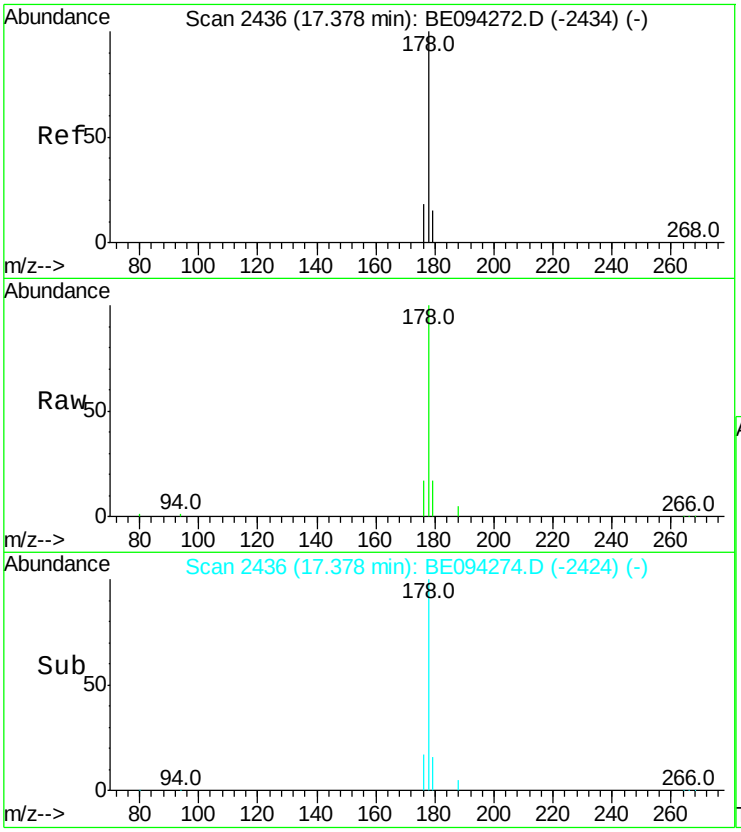


#12
Phenanthrene
Concen: 3.922 ng/ul
RT: 17.29 min Scan# 2431
Delta R.T. 0.00 min
Lab File: BE094274.D
Acq: 11 Oct 2017 5:18

Tgt Ion:178 Resp: 118641

Ion	Ratio	Lower	Upper
178	100		
179	17.6	18.4	27.6#
176	15.8	13.6	20.4

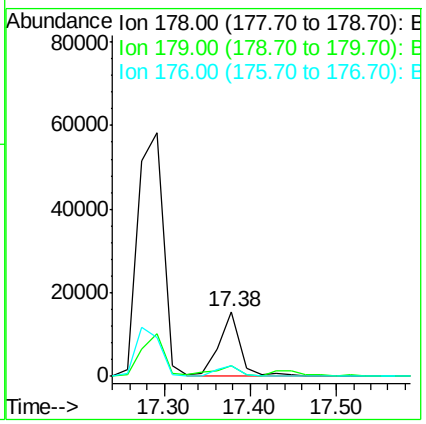




#13
Anthracene
Concen: 0.886 ng/ul
RT: 17.38 min Scan# 2436
Delta R.T. 0.00 min
Lab File: BE094274.D
Acq: 11 Oct 2017 5:18

Tgt Ion:178 Resp: 26076

Ion	Ratio	Lower	Upper
178	100		
179	16.8	18.1	27.1#
176	17.2	14.7	22.1



Instrument :
BNA_E
ClientSampleId :
C0AD3DL

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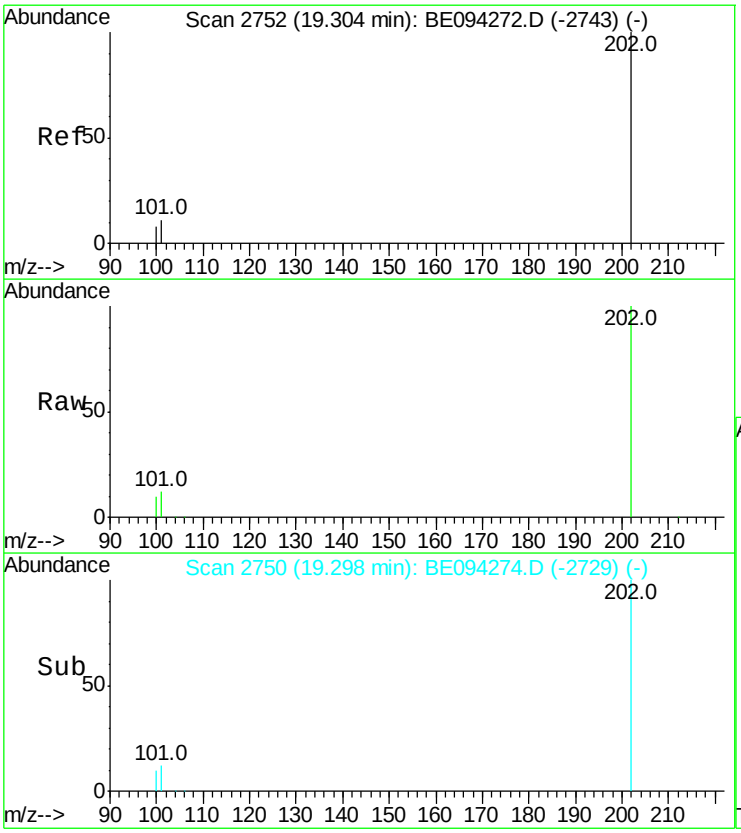
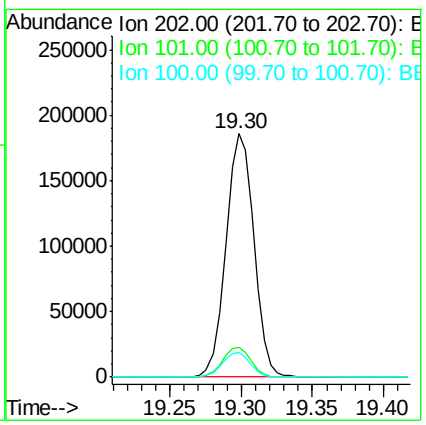
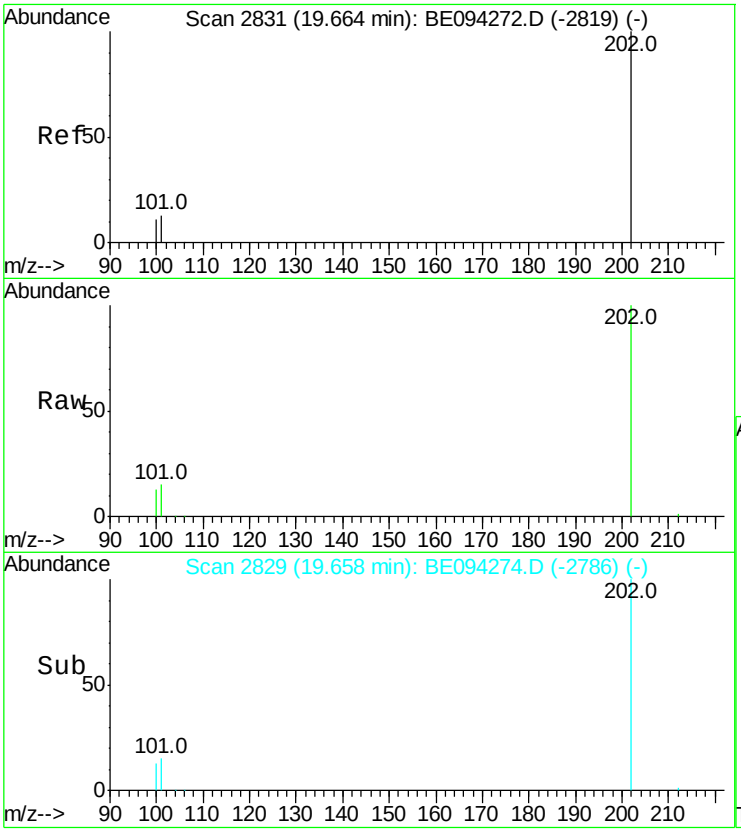


#15
Fluoranthene
Concen: 6.433 ng/ul
RT: 19.30 min Scan# 2750
Delta R.T. -0.01 min
Lab File: BE094274.D
Acq: 11 Oct 2017 5:18

Tgt Ion:202 Resp: 255693

Ion	Ratio	Lower	Upper
202	100		
101	12.2	0.0	30.3
100	9.9	0.0	39.5





#17
Pyrene
Concen: 6.251 ng/ul
RT: 19.66 min Scan# 2829
Delta R.T. -0.01 min
Lab File: BE094274.D
Acq: 11 Oct 2017 5:18

Tgt Ion:202 Resp: 210392

Ion	Ratio	Lower	Upper
202	100		
101	14.6	18.2	27.4#
100	12.8	15.6	23.4#

Instrument :
BNA_E
ClientSampleId :
C0AD3DL

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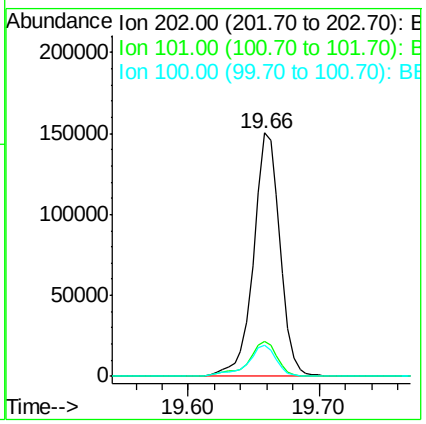
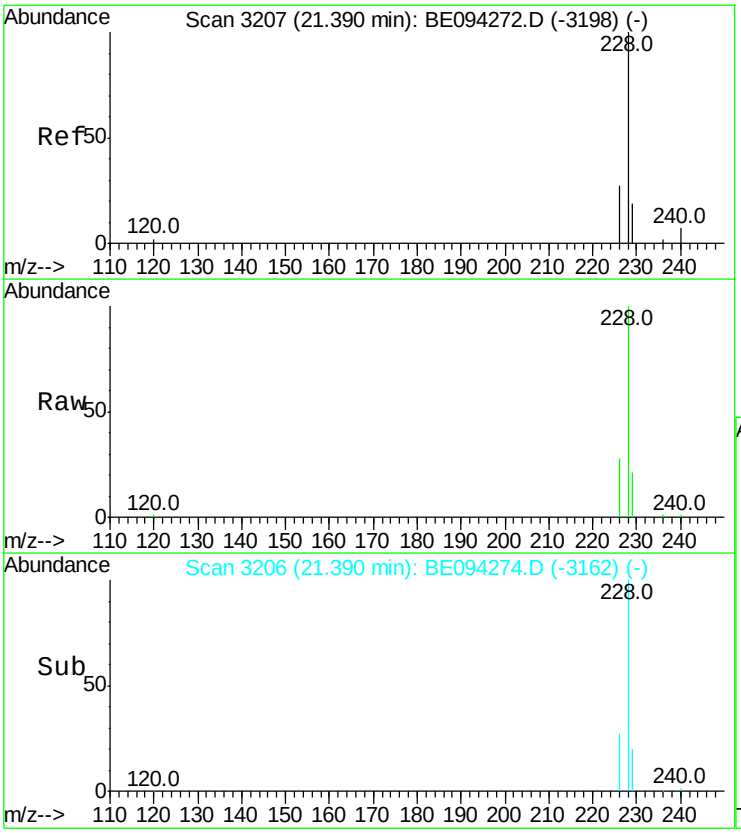
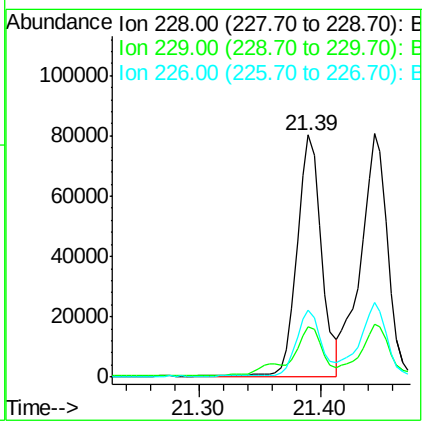


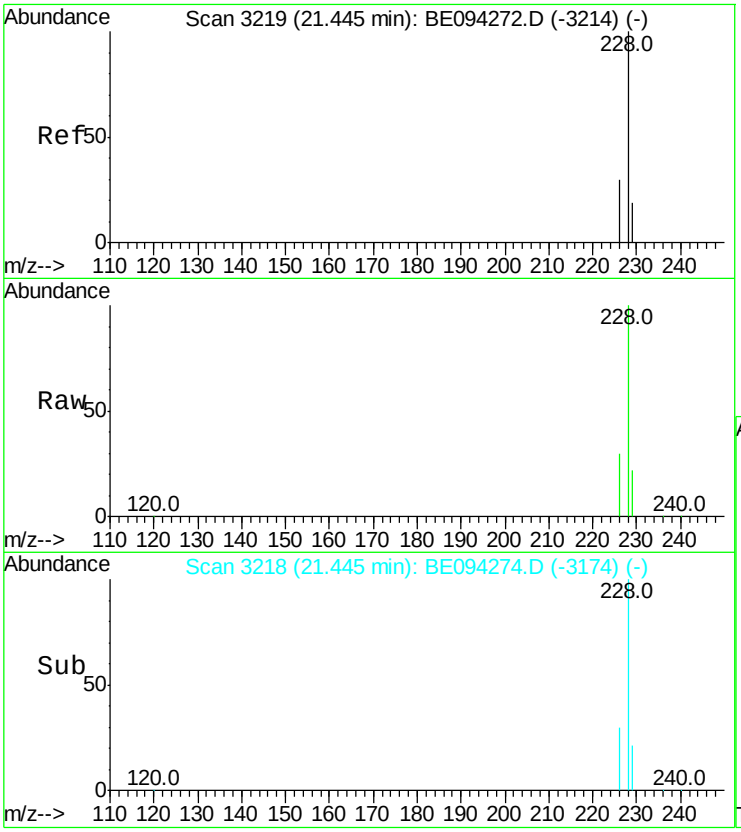


#18
Benzo(a)anthracene
Concen: 3.471 ng/ul
RT: 21.39 min Scan# 3206
Delta R.T. -0.00 min
Lab File: BE094274.D
Acq: 11 Oct 2017 5:18

Tgt Ion:228 Resp: 111394

Ion	Ratio	Lower	Upper
228	100		
229	20.6	22.8	34.2#
226	27.5	17.0	25.6#

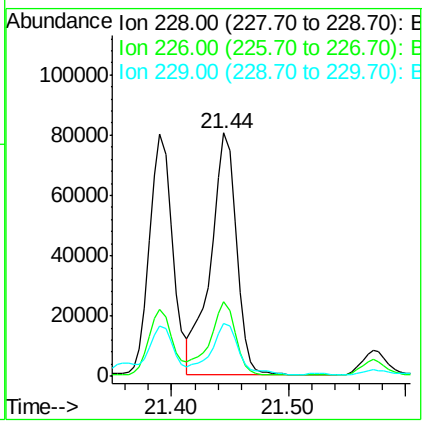




#19
Chrysene
Concen: 3.342 ng/ul
RT: 21.44 min Scan# 3218
Delta R.T. -0.00 min
Lab File: BE094274.D
Acq: 11 Oct 2017 5:18

Tgt Ion:228 Resp: 123835

Ion	Ratio	Lower	Upper
228	100		
226	30.4	23.4	35.0
229	22.0	17.7	26.5



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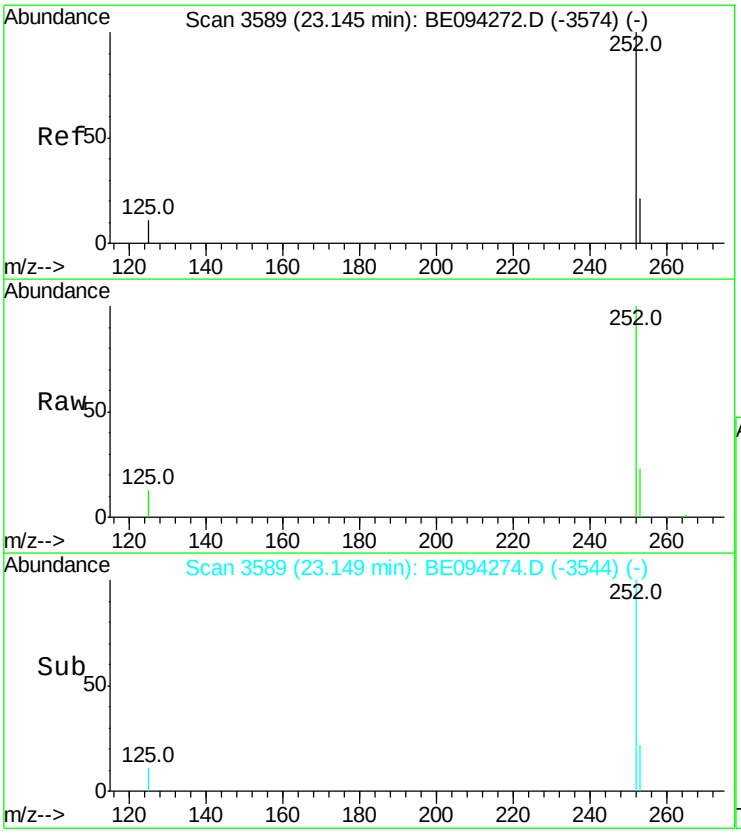
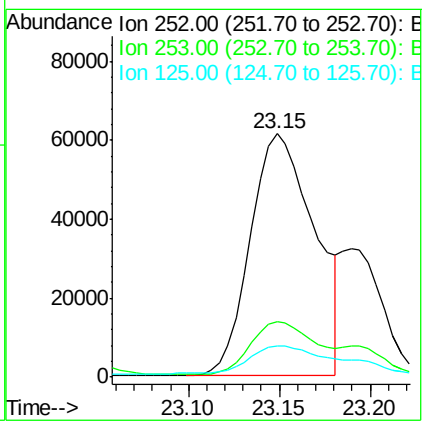
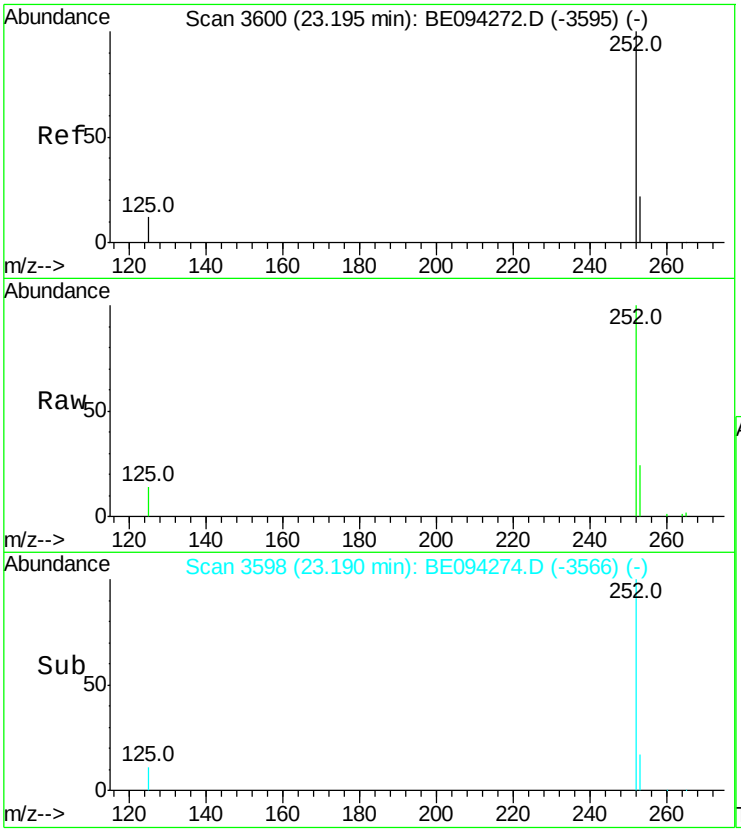


#21
Benzo(b)fluoranthene
Concen: 5.018 ng/ul m
RT: 23.15 min Scan# 3589
Delta R.T. 0.00 min
Lab File: BE094274.D
Acq: 11 Oct 2017 5:18

Tgt Ion:252 Resp: 151608

Ion	Ratio	Lower	Upper
252	100		
253	22.8	0.0	64.2
125	12.8	0.0	35.0

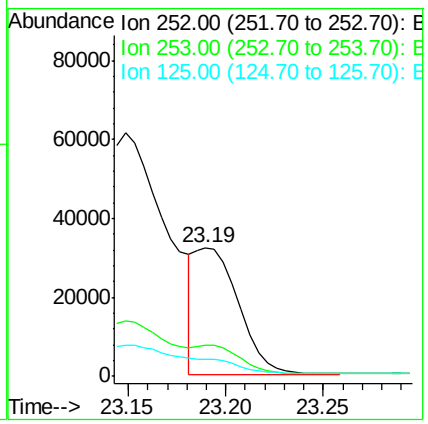




#22
Benzo(k)fluoranthene
Concen: 1.460 ng/ul m
RT: 23.19 min Scan# 3598
Delta R.T. -0.01 min
Lab File: BE094274.D
Acq: 11 Oct 2017 5:18

Tgt Ion:252 Resp: 50983

Ion	Ratio	Lower	Upper
252	100		
253	24.1	24.5	36.7#
125	13.7	13.7	20.5#



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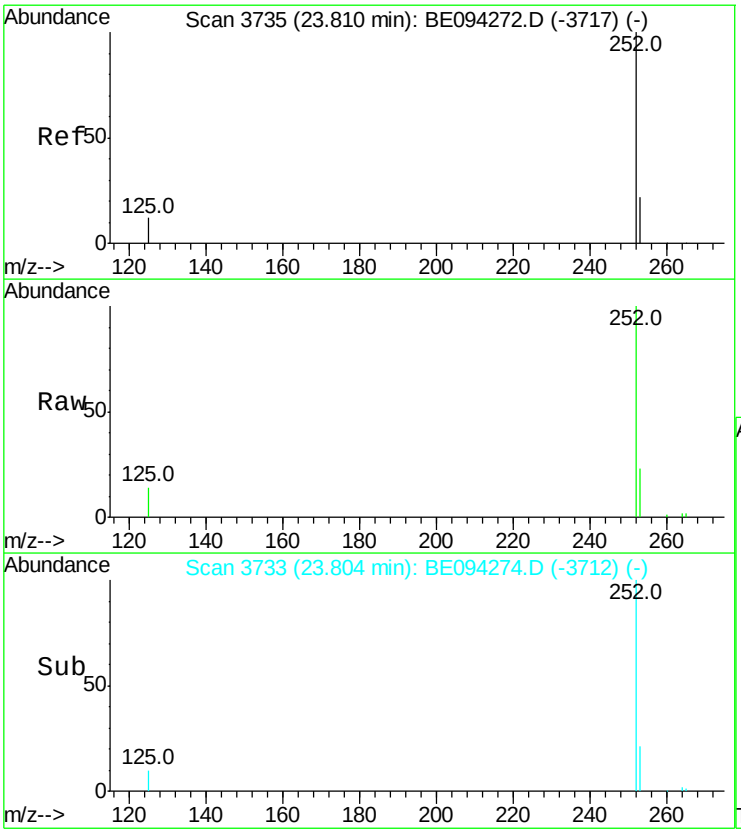
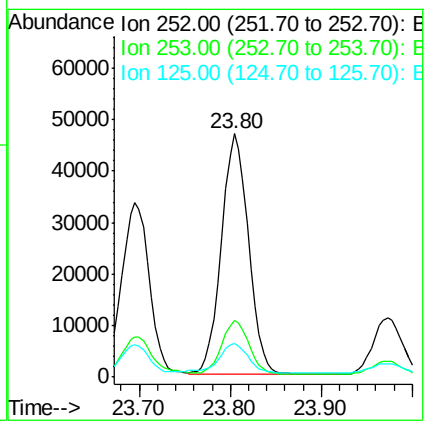
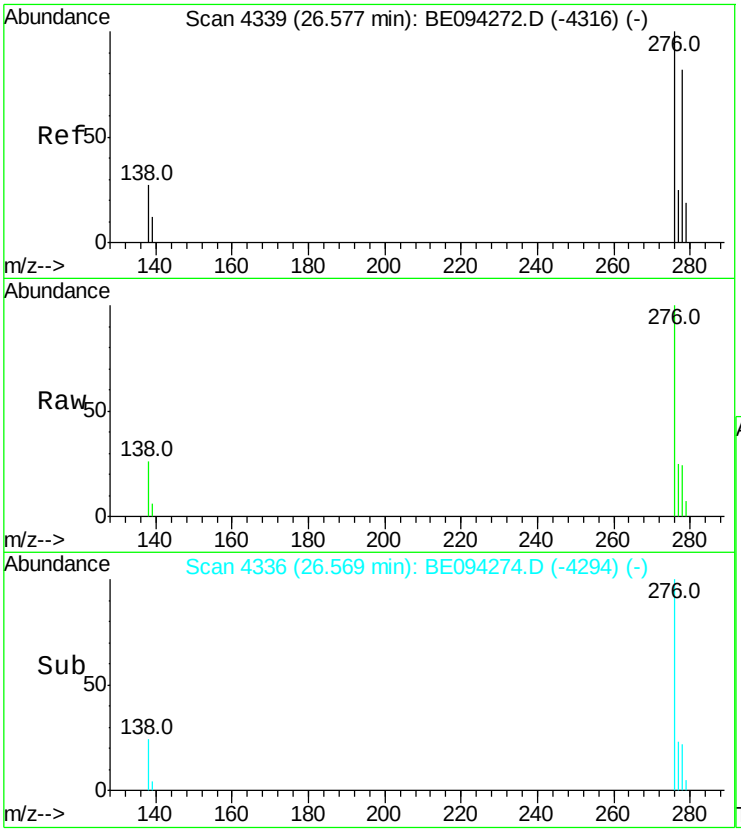


#23
Benzo(a)pyrene
Concen: 3.089 ng/ul
RT: 23.80 min Scan# 3733
Delta R.T. -0.01 min
Lab File: BE094274.D
Acq: 11 Oct 2017 5:18

Tgt Ion:252 Resp: 96981

Ion	Ratio	Lower	Upper
252	100		
253	23.2	28.5	42.7#
125	14.0	18.1	27.1#





#24
Indeno(1,2,3-cd)pyrene
Concen: 1.976 ng/ul
RT: 26.57 min Scan# 4336
Delta R.T. -0.01 min
Lab File: BE094274.D
Acq: 11 Oct 2017 5:18

Tgt Ion:276 Resp: 63462

Ion	Ratio	Lower	Upper
276	100		
138	24.0	28.0	42.0#
227	0.0	8.0	12.0#

Instrument :
BNA_E
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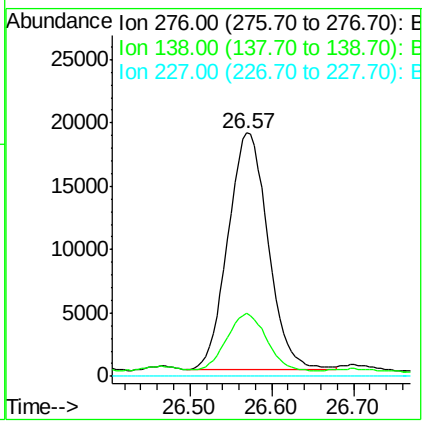
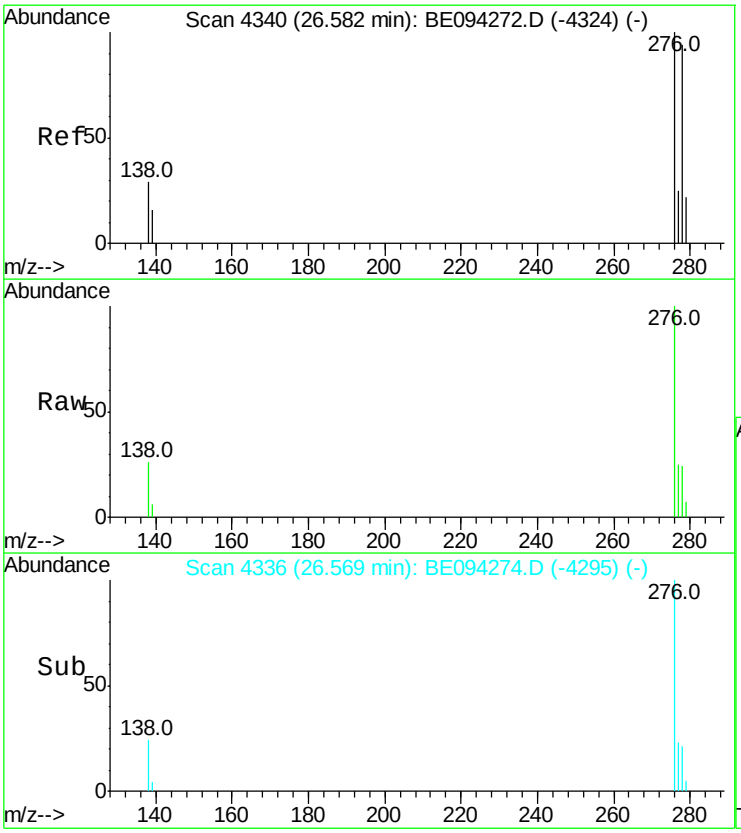
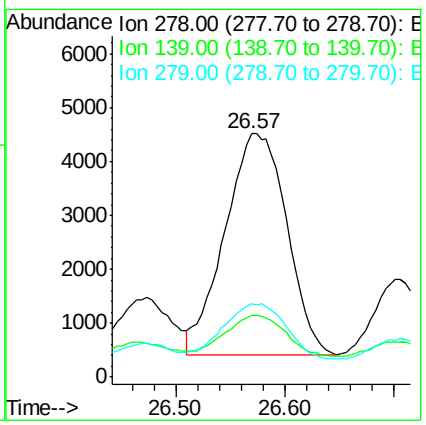


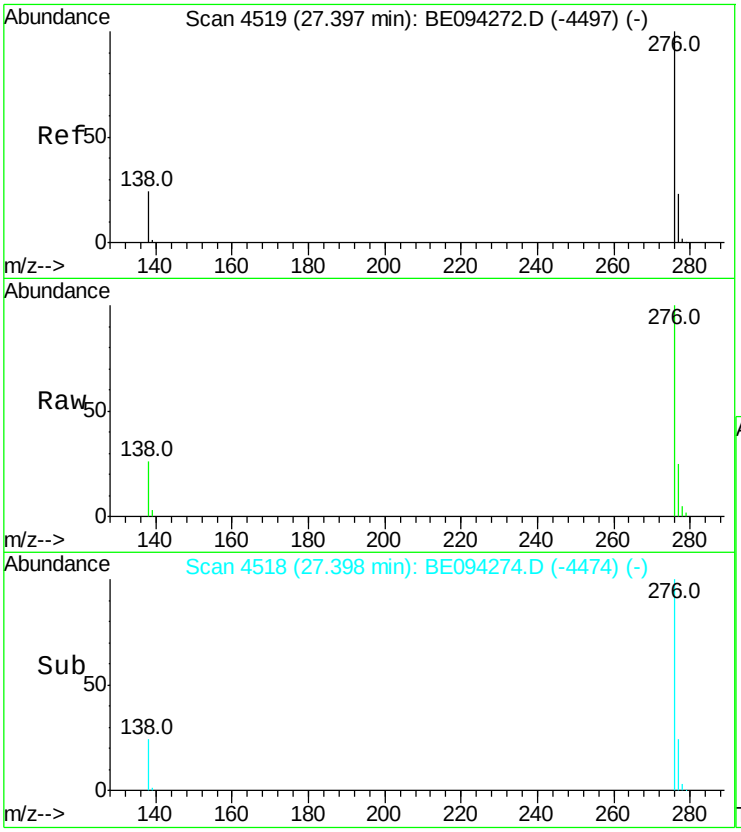


#25
Dibenzo(a,h)anthracene
Concen: 0.598 ng/ul
RT: 26.57 min Scan# 4336
Delta R.T. -0.01 min
Lab File: BE094274.D
Acq: 11 Oct 2017 5:18

Tgt Ion:278 Resp: 16114

Ion	Ratio	Lower	Upper
278	100		
139	25.5	17.4	26.0
279	29.9	25.9	38.9

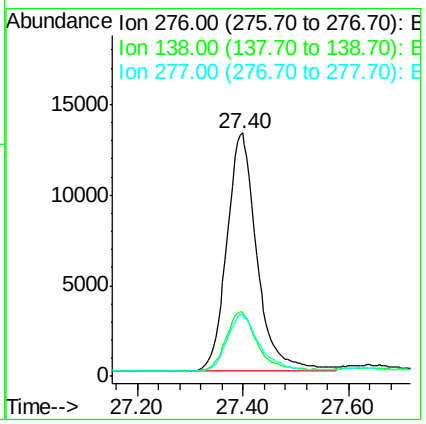




#26
Benzo(g,h,i)perylene
Concen: 1.881 ng/ul
RT: 27.40 min Scan# 4518
Delta R.T. 0.00 min
Lab File: BE094274.D
Acq: 11 Oct 2017 5:18

Tgt Ion:276 Resp: 52113

Ion	Ratio	Lower	Upper
276	100		
138	26.2	21.8	32.8
277	25.4	20.5	30.7



Instrument :
BNA_E
ClientSampleId :
C0AD3DL

Manual Integrations APPROVED
Sohil
10/11/2017 7:20:36 PM