Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE101017\
Data File : BE094253.D
Acq On : 10 Oct 2017 14:18
Operator : SJ/JU
Sample : I5522-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AD7

Manual Integrations APPROVED
Sohil
10/11/2017 7:19:44 PM

Quant Time: Oct 11 07:08:20 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 06:34:16 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	1749	0.40	ng/ul	0.00
2) Naphthalene-d8	10.69	136	9281	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.51	164	5735	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.24	188	12169m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.41	240	11804	0.40	ng/ul	0.00
20) Perylene-d12	23.92	264	12079m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	4278	0.30	ng/ul	0.00
14) Fluoranthene-d10	19.27	212	11204	0.28	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.74	128	1398	0.061	ng/ul#	90
5) 2-Methylnaphthalene	12.35	142	399	0.027	ng/ul	98
12) Phenanthrene	17.29	178	6514	0.205	ng/ul	95
13) Anthracene	17.38	178	1861m	0.060	ng/ul	
15) Fluoranthene	19.30	202	19210	0.460	ng/ul	84
17) Pyrene	19.66	202	19611	0.597	ng/ul#	83
18) Benzo(a)anthracene	21.39	228	8736	0.279	ng/ul#	89
19) Chrysene	21.45	228	10767	0.298	ng/ul	93
21) Benzo(b)fluoranthene	23.15	252	12560	0.383	ng/ul	90
22) Benzo(k)fluoranthene	23.19	252	4503m	0.119	ng/ul	
23) Benzo(a)pyrene	23.81	252	8560m	0.251	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.58	276	6226m	0.178	ng/ul	
25) Dibenzo(a,h)anthracene	26.58	278	1636m	0.056	ng/ul	
26) Benzo(g,h,i)perylene	27.40	276	6344m	0.211	ng/ul	

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

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Manual Integrations APPROVED
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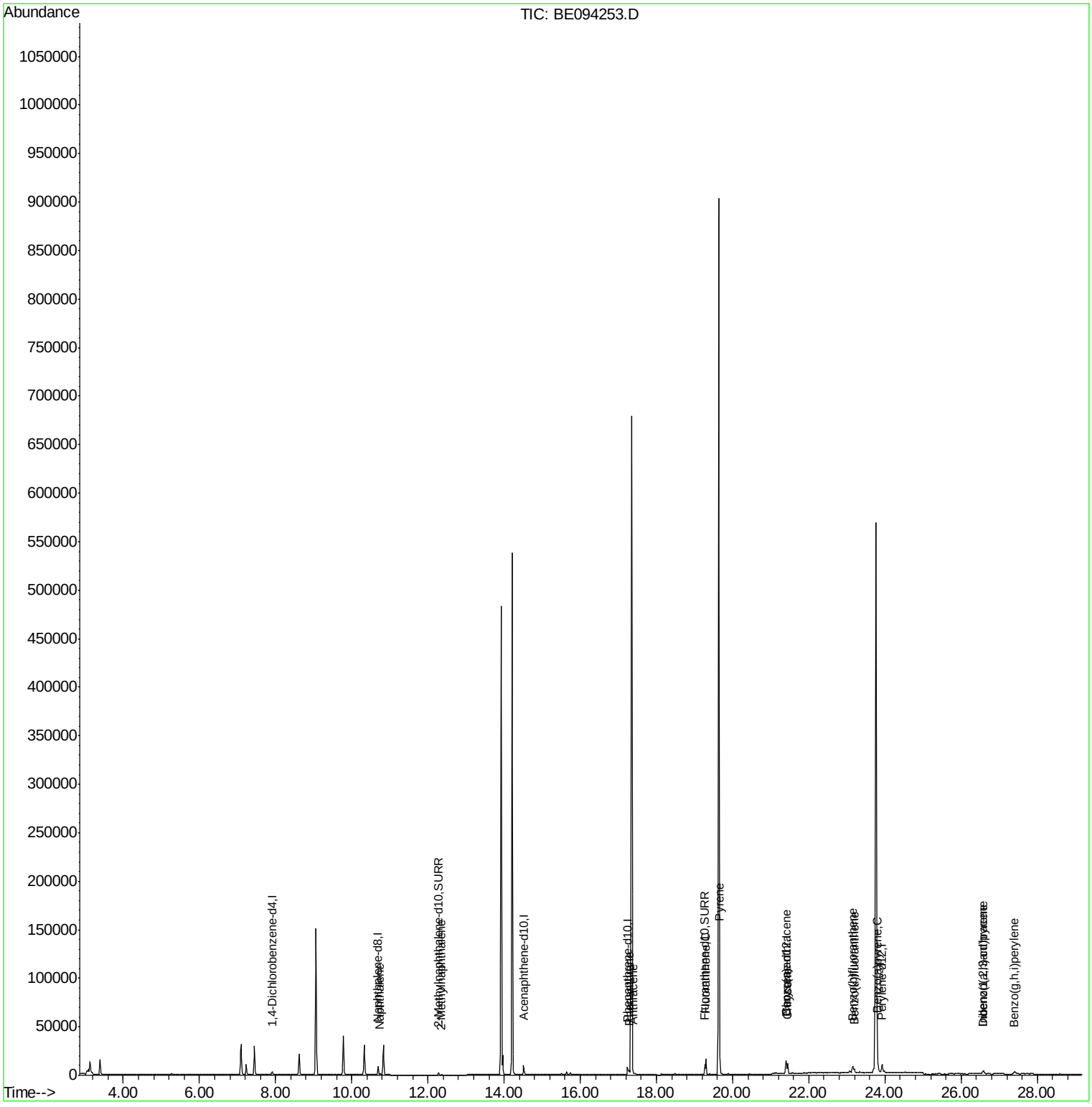

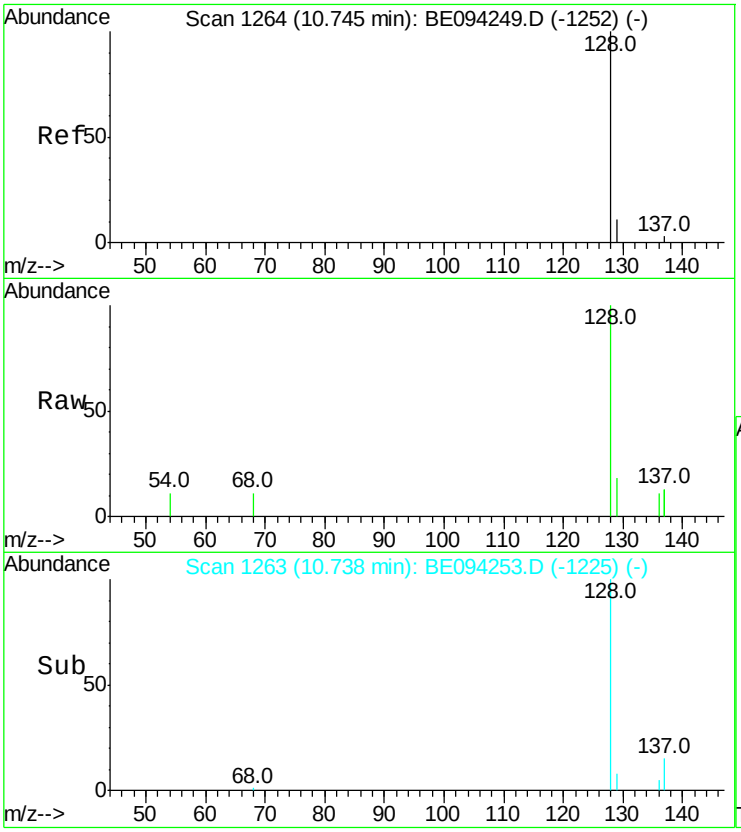

#3
Naphthalene
Concen: 0.061 ng/ul
RT: 10.74 min Scan# 1263
Delta R.T. -0.01 min
Lab File: BE094253.D
Acq: 10 Oct 2017 14:18

Tgt Ion:128 Resp: 1398

Ion	Ratio	Lower	Upper
128	100		
129	17.6	11.3	16.9#
127	0.0	4.0	6.0#

Instrument :
BNA_E
ClientSampleId :
C0AD7

Manual Integrations APPROVED
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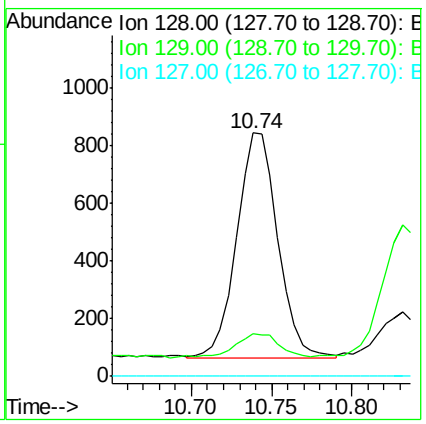
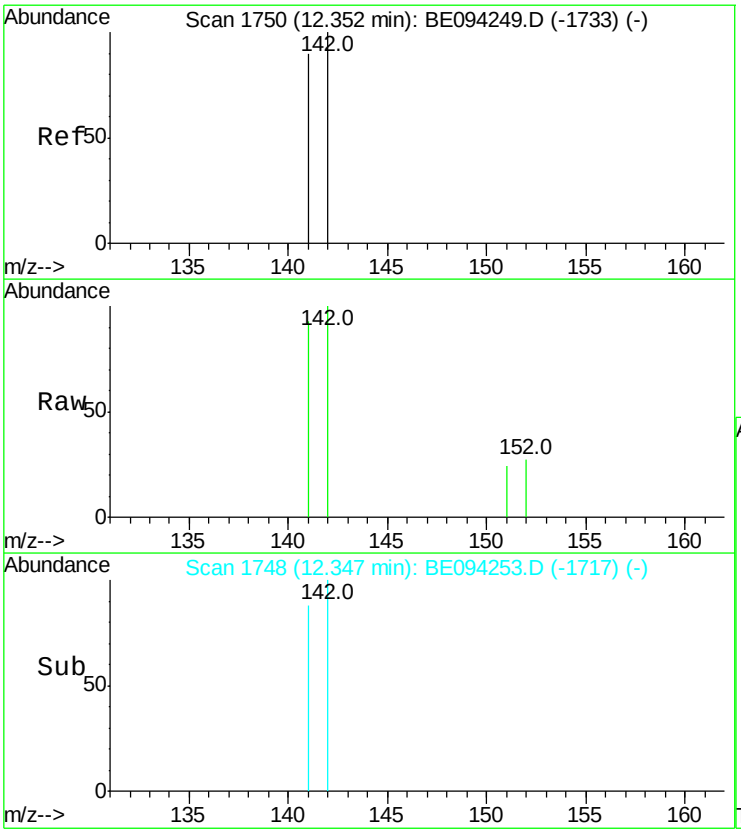
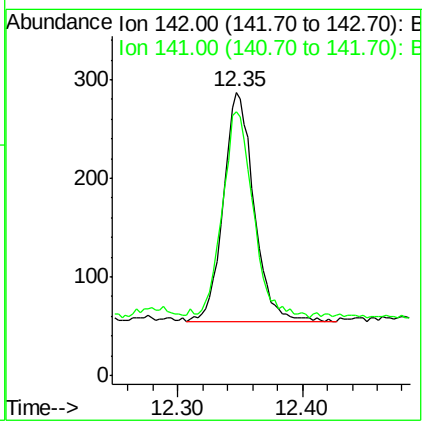


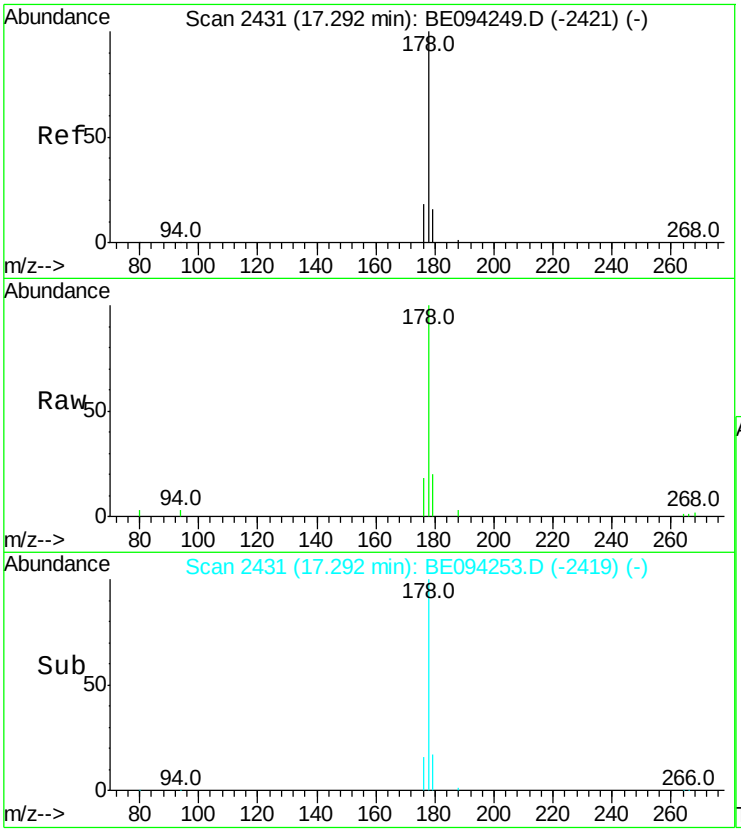


#5
2-Methylnaphthalene
Concen: 0.027 ng/ul
RT: 12.35 min Scan# 1748
Delta R.T. -0.01 min
Lab File: BE094253.D
Acq: 10 Oct 2017 14:18

Tgt Ion:142 Resp: 399

Ion	Ratio	Lower	Upper
142	100		
141	89.2	72.6	108.8

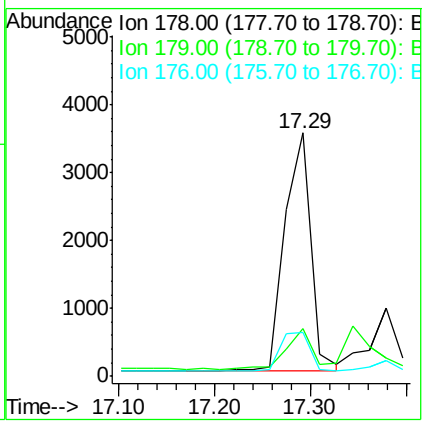




#12
Phenanthrene
Concen: 0.205 ng/ul
RT: 17.29 min Scan# 2431
Delta R.T. 0.00 min
Lab File: BE094253.D
Acq: 10 Oct 2017 14:18

Tgt Ion:178 Resp: 6514

Ion	Ratio	Lower	Upper
178	100		
179	19.9	18.4	27.6
176	18.1	13.6	20.4



Instrument :
BNA_E
ClientSampleId :
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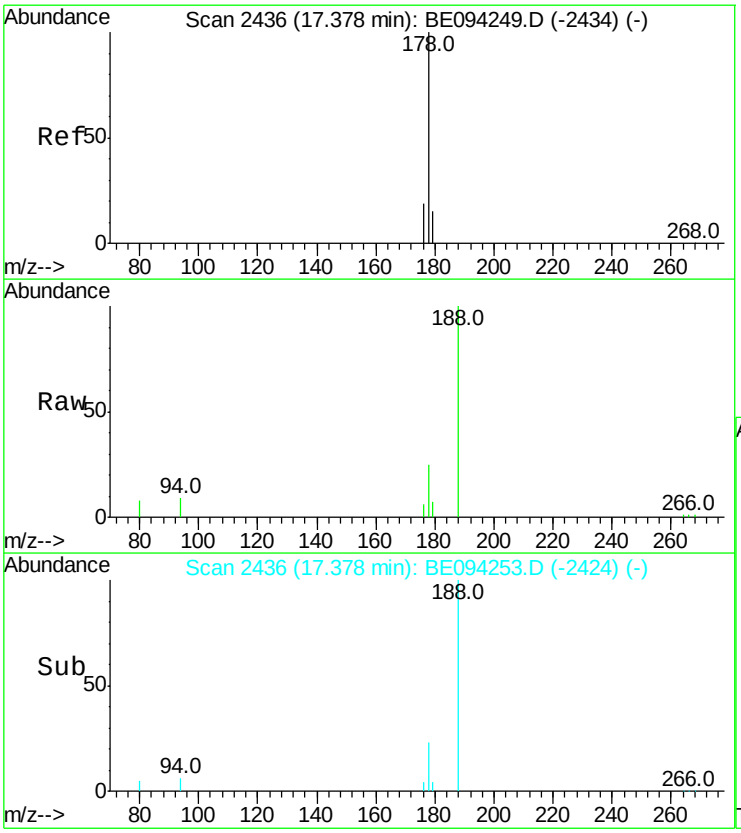
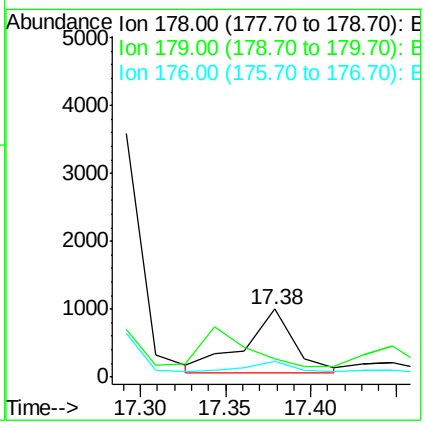
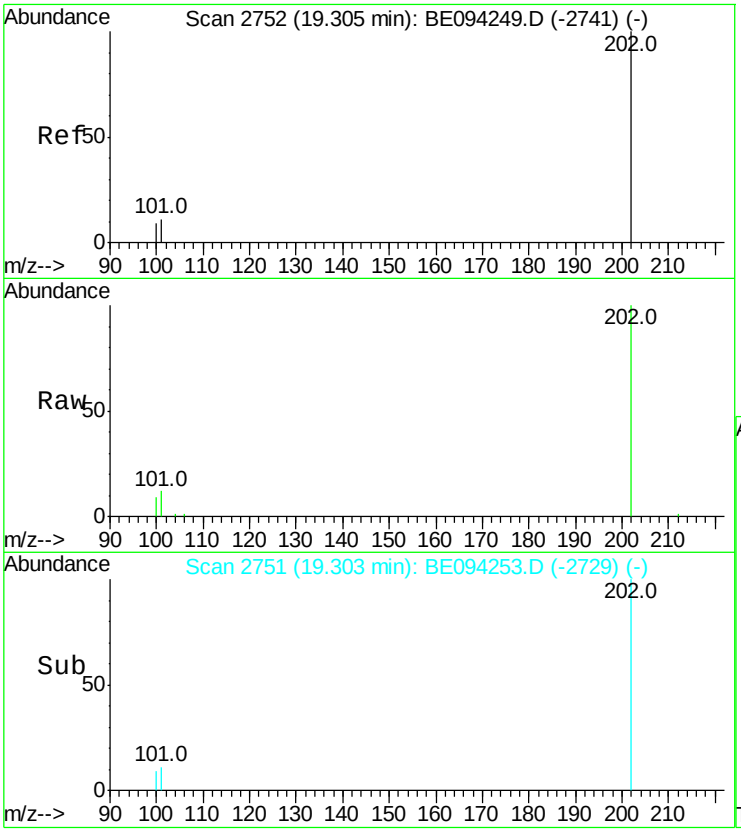


#13
Anthracene
Concen: 0.060 ng/ul m
RT: 17.38 min Scan# 2436
Delta R.T. 0.00 min
Lab File: BE094253.D
Acq: 10 Oct 2017 14:18

Tgt Ion:178 Resp: 1861

Ion	Ratio	Lower	Upper
178	100		
179	26.6	18.1	27.1
176	23.5	14.7	22.1#

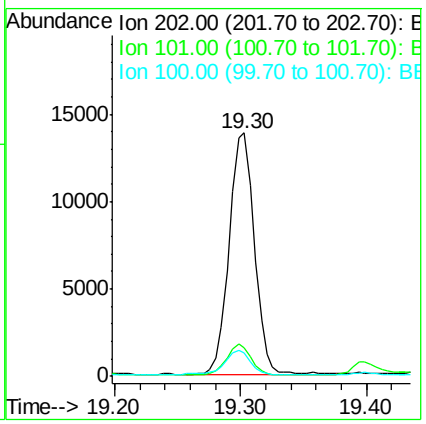




#15
Fluoranthene
Concen: 0.460 ng/ul
RT: 19.30 min Scan# 2751
Delta R.T. -0.00 min
Lab File: BE094253.D
Acq: 10 Oct 2017 14:18

Tgt Ion:202 Resp: 19210

Ion	Ratio	Lower	Upper
202	100		
101	11.8	0.0	30.3
100	9.4	0.0	39.5



Instrument :
BNA_E
ClientSampleId :
C0AD7

Manual Integrations APPROVED
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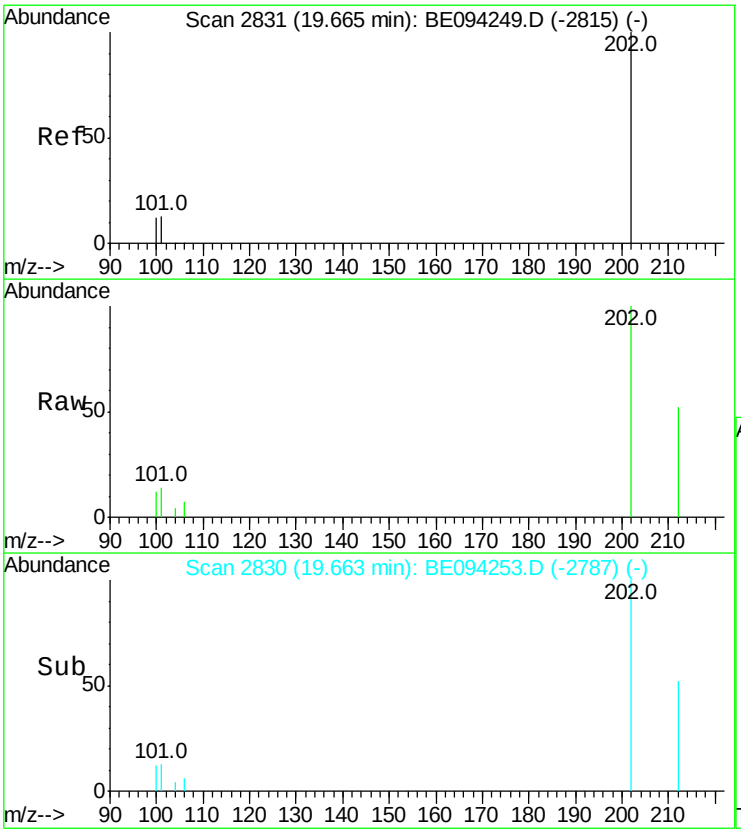
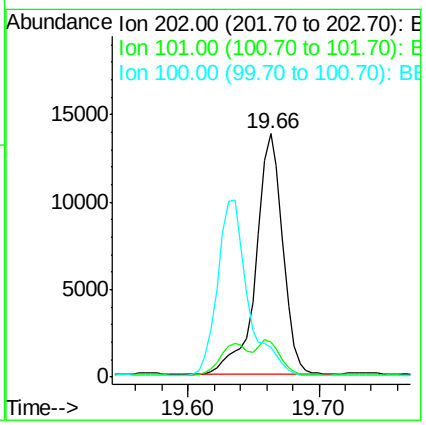
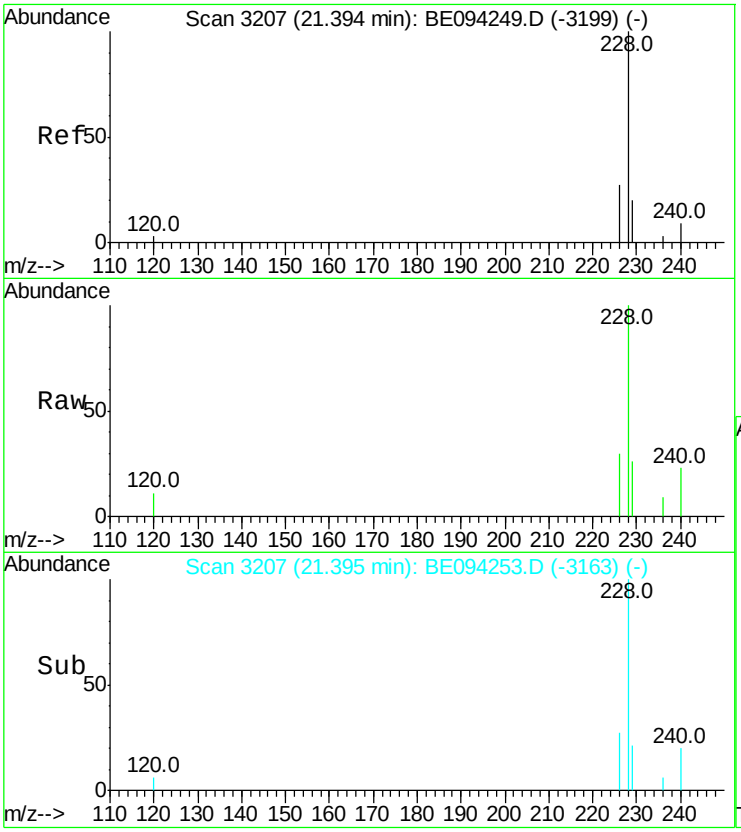


#17
Pyrene
Concen: 0.597 ng/ul
RT: 19.66 min Scan# 2830
Delta R.T. -0.00 min
Lab File: BE094253.D
Acq: 10 Oct 2017 14:18

Tgt Ion:202 Resp: 19611

Ion	Ratio	Lower	Upper
202	100		
101	14.1	18.2	27.4#
100	12.3	15.6	23.4#

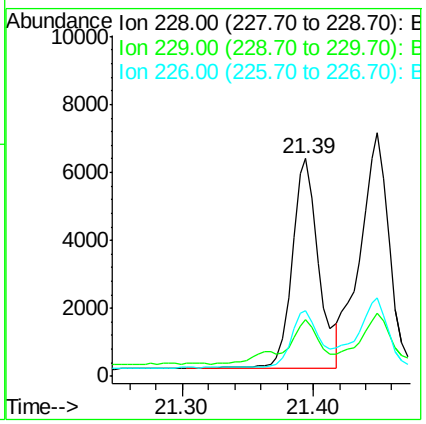




#18
Benzo(a)anthracene
Concen: 0.279 ng/ul
RT: 21.39 min Scan# 3207
Delta R.T. 0.00 min
Lab File: BE094253.D
Acq: 10 Oct 2017 14:18

Tgt Ion:228 Resp: 8736

Ion	Ratio	Lower	Upper
228	100		
229	26.1	22.8	34.2
226	30.1	17.0	25.6#



Instrument :
BNA_E
ClientSampleId :
C0AD7

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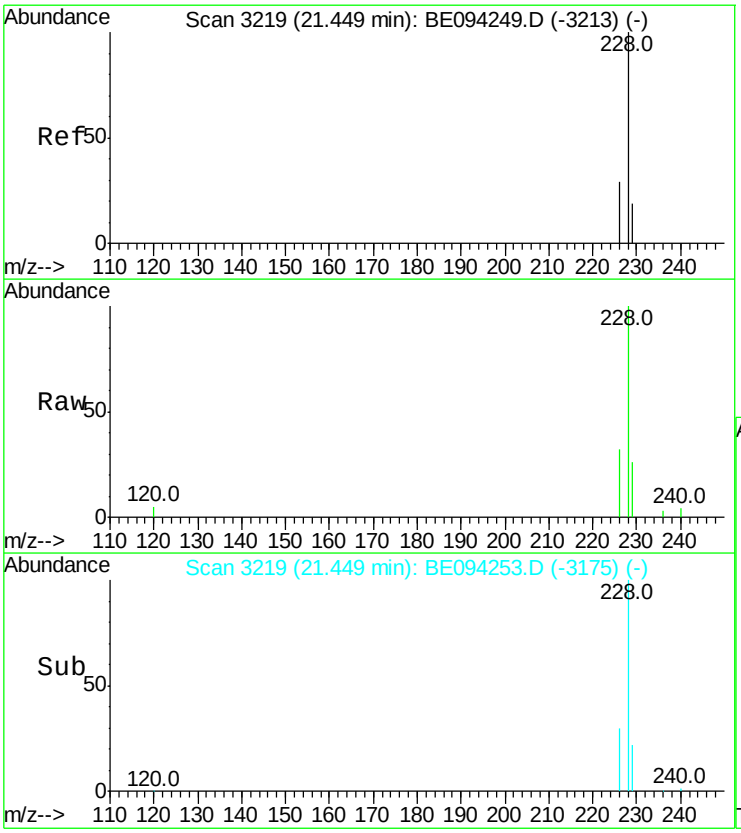
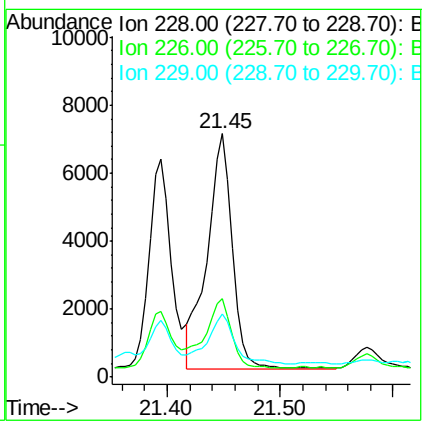
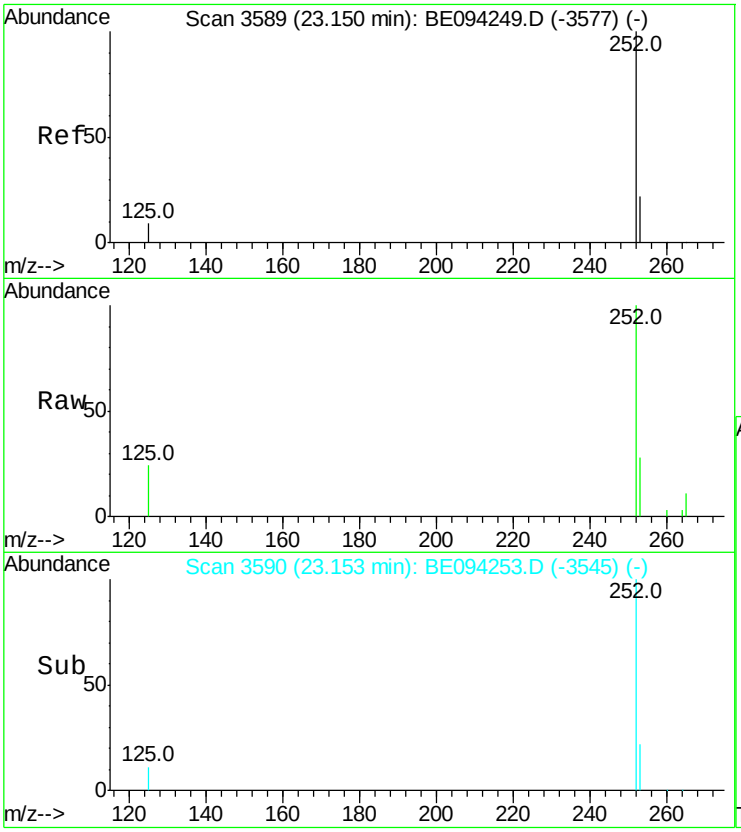


#19
Chrysene
Concen: 0.298 ng/ul
RT: 21.45 min Scan# 3219
Delta R.T. 0.00 min
Lab File: BE094253.D
Acq: 10 Oct 2017 14:18

Tgt Ion:228 Resp: 10767

Ion	Ratio	Lower	Upper
228	100		
226	32.2	23.4	35.0
229	25.9	17.7	26.5

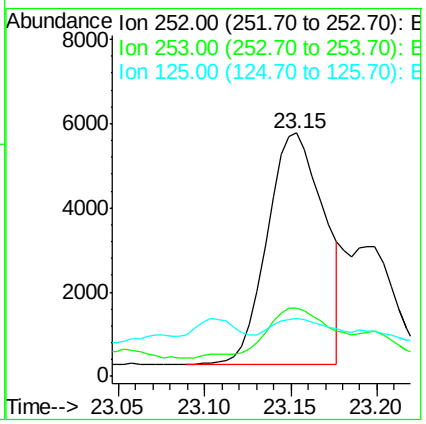




#21
Benzo(b)fluoranthene
Concen: 0.383 ng/ul
RT: 23.15 min Scan# 3590
Delta R.T. 0.00 min
Lab File: BE094253.D
Acq: 10 Oct 2017 14:18

Tgt Ion:252 Resp: 12560

Ion	Ratio	Lower	Upper
252	100		
253	27.9	0.0	64.2
125	23.9	0.0	35.0



Instrument :
BNA_E
ClientSampleId :
C0AD7

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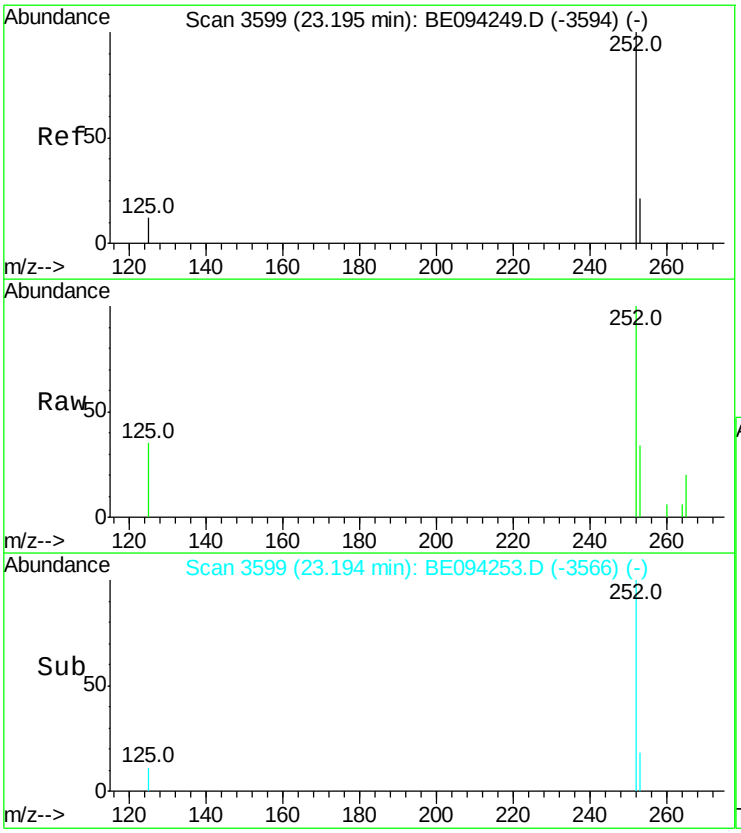
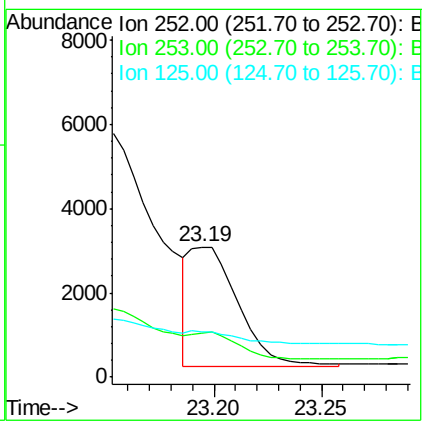
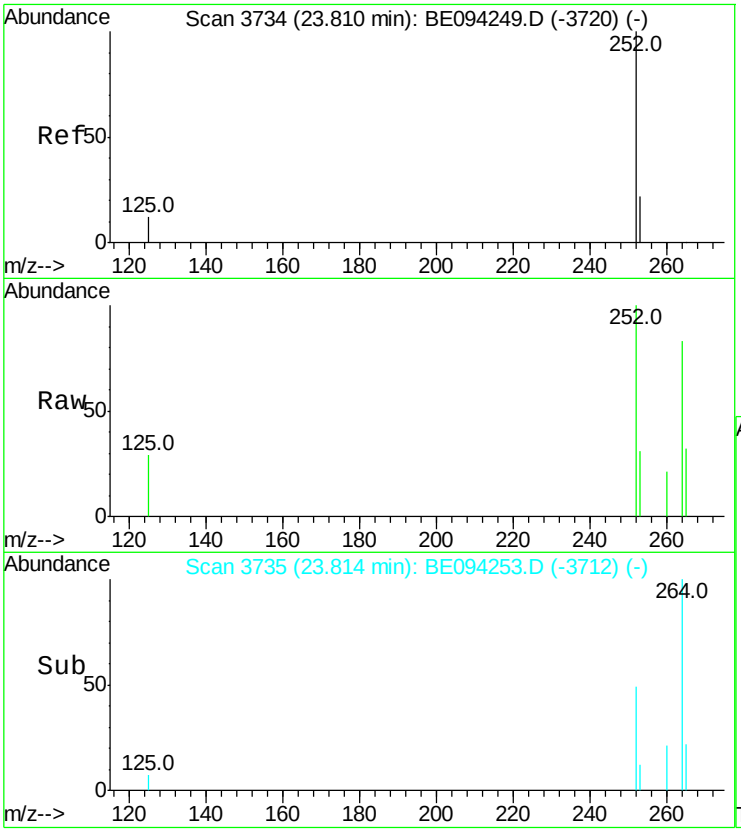


#22
Benzo(k)fluoranthene
Concen: 0.119 ng/ul m
RT: 23.19 min Scan# 3599
Delta R.T. -0.00 min
Lab File: BE094253.D
Acq: 10 Oct 2017 14:18

Tgt Ion:252 Resp: 4503

Ion	Ratio	Lower	Upper
252	100		
253	34.1	24.5	36.7
125	35.1	13.7	20.5#

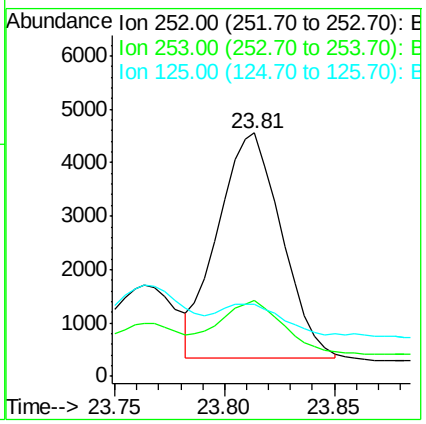




#23
Benzo(a)pyrene
Concen: 0.251 ng/ul m
RT: 23.81 min Scan# 3735
Delta R.T. 0.00 min
Lab File: BE094253.D
Acq: 10 Oct 2017 14:18

Tgt Ion:252 Resp: 8560

Ion	Ratio	Lower	Upper
252	100		
253	31.3	28.5	42.7
125	29.4	18.1	27.1#



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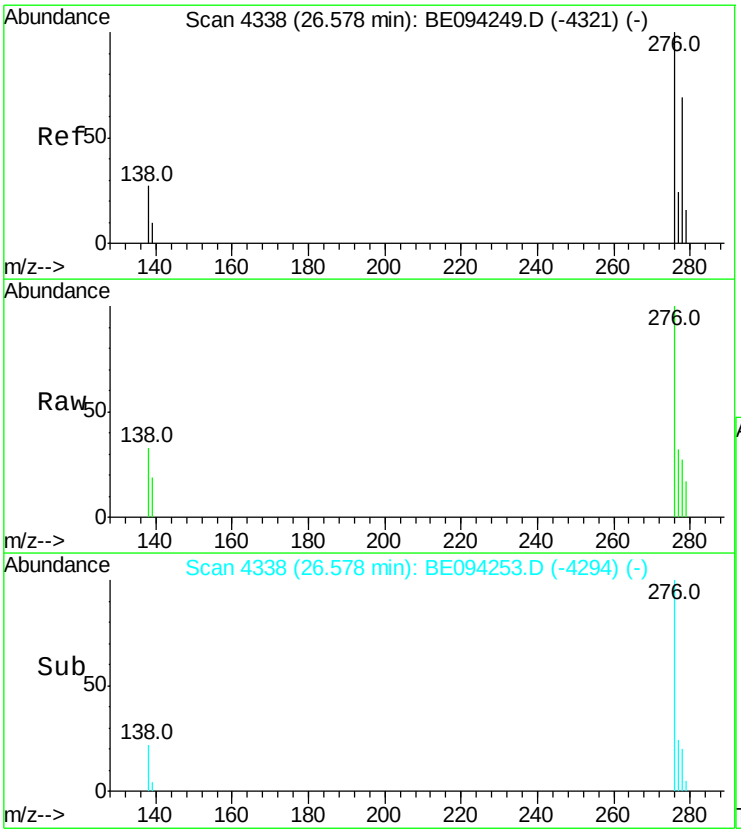
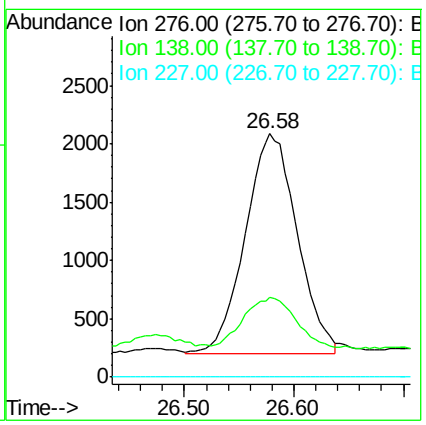
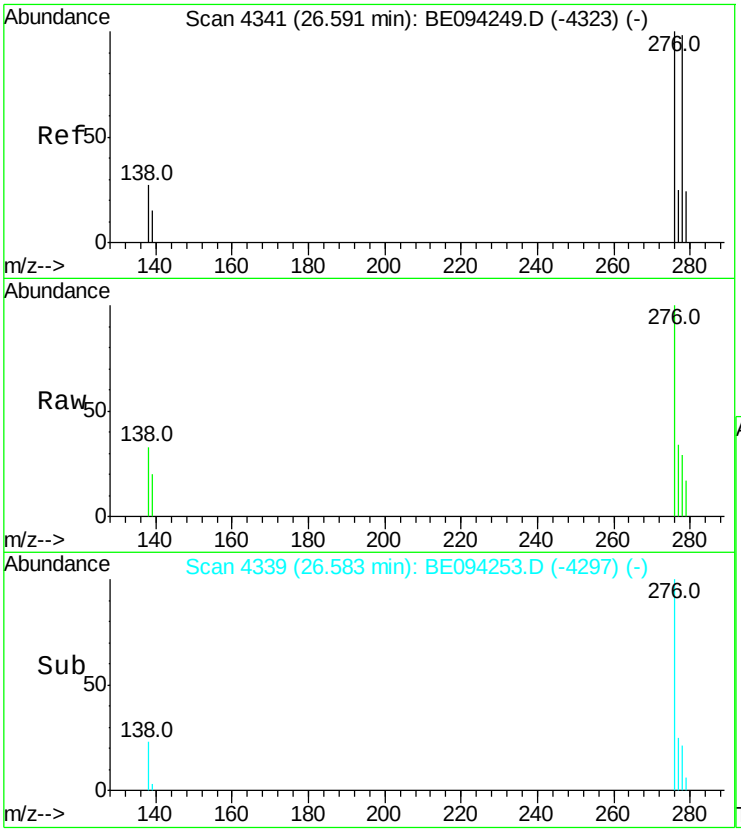


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.178 ng/ul m
RT: 26.58 min Scan# 4338
Delta R.T. 0.00 min
Lab File: BE094253.D
Acq: 10 Oct 2017 14:18

Tgt Ion:276 Resp: 6226

Ion	Ratio	Lower	Upper
276	100		
138	0.9	28.0	42.0#
227	0.0	8.0	12.0#





#25
Dibenzo(a,h)anthracene
Concen: 0.056 ng/ul m
RT: 26.58 min Scan# 4339
Delta R.T. -0.01 min
Lab File: BE094253.D
Acq: 10 Oct 2017 14:18

Tgt Ion:278 Resp: 1636

Ion	Ratio	Lower	Upper
278	100		
139	68.1	17.4	26.0#
279	58.4	25.9	38.9#

Instrument :
BNA_E
ClientSampleId :
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Manual Integrations APPROVED
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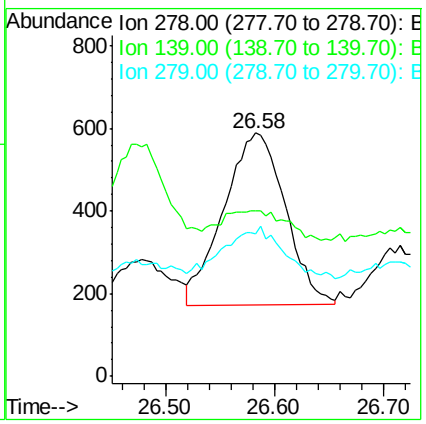

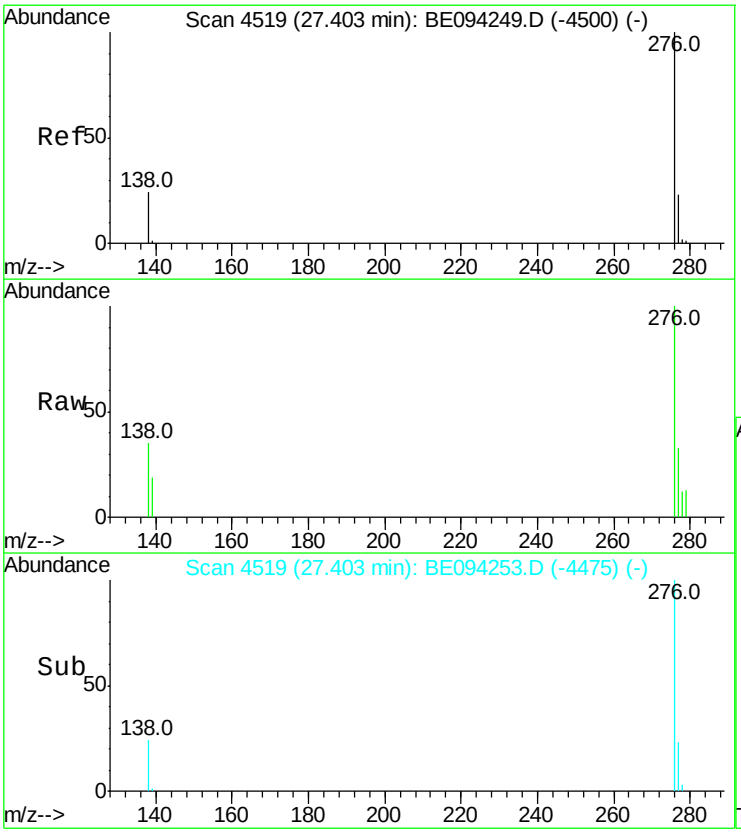

#26
Benzo(g,h,i)perylene
Concen: 0.211 ng/ul m
RT: 27.40 min Scan# 4519
Delta R.T. 0.00 min
Lab File: BE094253.D
Acq: 10 Oct 2017 14:18

Tgt Ion:276 Resp: 6344

Ion	Ratio	Lower	Upper
276	100		
138	35.0	21.8	32.8#
277	33.3	20.5	30.7#