Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA E\DATA\BE101417\
Data File : BE094395.D
Acq On : 15 Oct 2017 16:18
Operator : SJ/JU
Sample : I5548-15DL 5X
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AF5DL

Manual Integrations APPROVED
Sohil
10/16/2017 8:26:25 PM

Quant Time: Oct 16 07:38:45 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 16 06:50:03 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	2248	0.40	ng/ul	0.00
2) Naphthalene-d8	10.70	136	12109	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	7393	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	16323	0.40	ng/ul	0.00
16) Chrysene-d12	21.42	240	16515	0.40	ng/ul	0.00
20) Perylene-d12	23.95	264	16561	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	927	0.05	ng/ul	0.00
14) Fluoranthene-d10	19.28	212	2529	0.05	ng/ul	0.00
Target Compounds						Qvalue
12) Phenanthrene	17.29	178	2284	0.054	ng/ul#	91
15) Fluoranthene	19.31	202	4263	0.076	ng/ul	85
17) Pyrene	19.67	202	4012	0.087	ng/ul#	89
18) Benzo(a)anthracene	21.40	228	2074	0.047	ng/ul#	76
19) Chrysene	21.46	228	1809	0.036	ng/ul#	72
21) Benzo(b)fluoranthene	23.17	252	2222m	0.049	ng/ul	
23) Benzo(a)pyrene	23.83	252	1535	0.033	ng/ul#	42
24) Indeno(1,2,3-cd)pyrene	26.63	276	1017	0.021	ng/ul#	80
26) Benzo(g,h,i)perylene	27.46	276	945	0.023	ng/ul#	29

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

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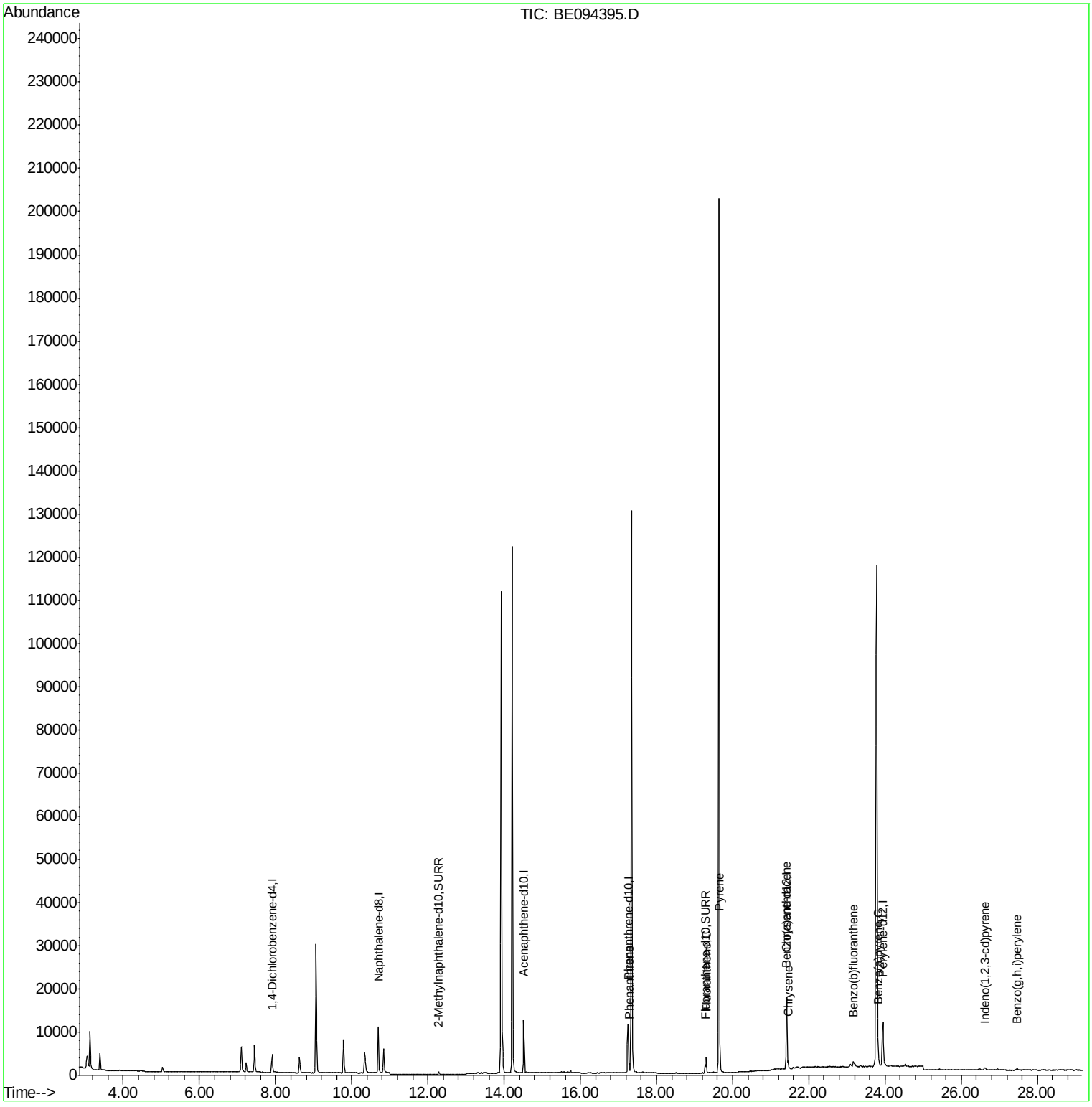
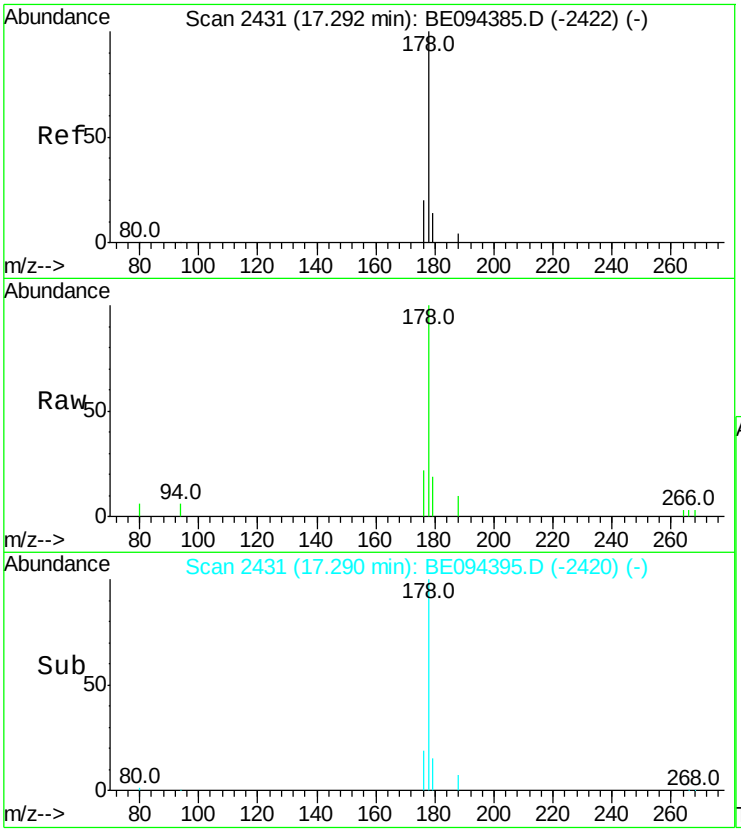
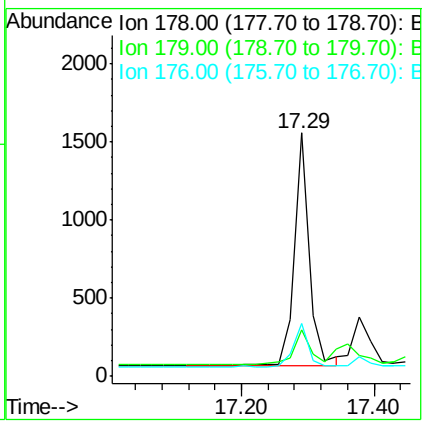




#12
Phenanthrene
Concen: 0.054 ng/ul
RT: 17.29 min Scan# 2431
Delta R.T. -0.00 min
Lab File: BE094395.D
Acq: 15 Oct 2017 16:18

Tgt Ion:178 Resp: 2284

Ion	Ratio	Lower	Upper
178	100		
179	19.2	18.4	27.6
176	21.9	13.6	20.4#



Instrument :
BNA_E
ClientSampleId :
C0AF5DL

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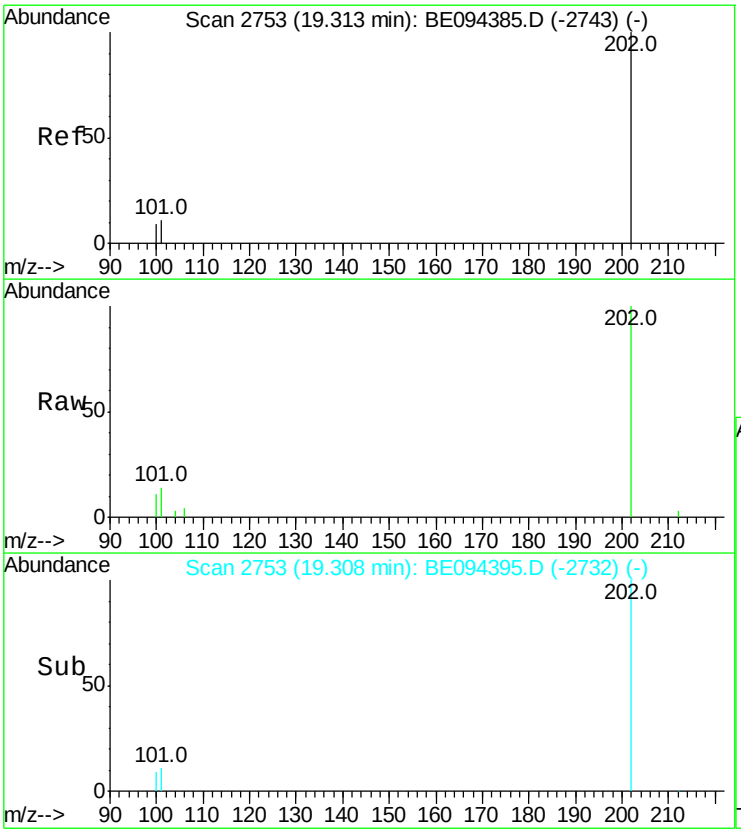
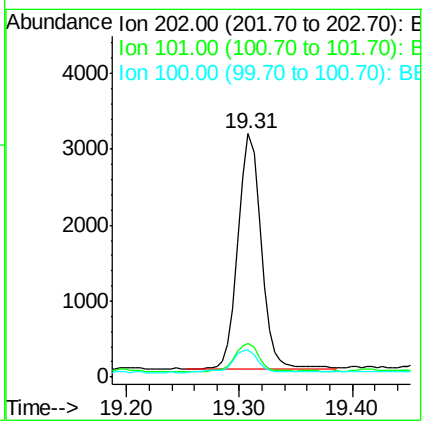
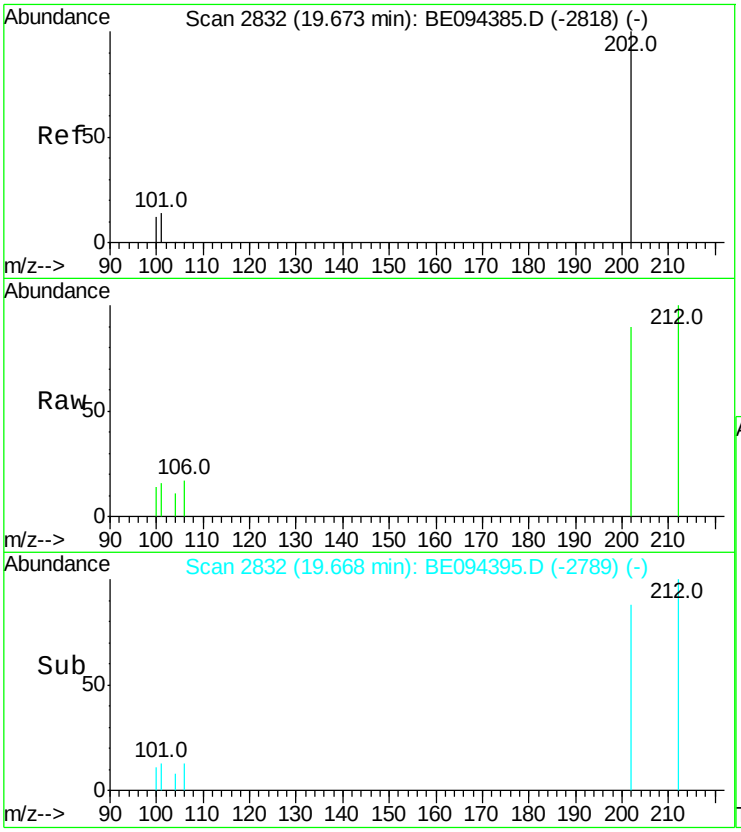


#15
Fluoranthene
Concen: 0.076 ng/ul
RT: 19.31 min Scan# 2753
Delta R.T. -0.00 min
Lab File: BE094395.D
Acq: 15 Oct 2017 16:18

Tgt Ion:202 Resp: 4263

Ion	Ratio	Lower	Upper
202	100		
101	13.6	0.0	30.3
100	11.1	0.0	39.5





#17
Pyrene
Concen: 0.087 ng/ul
RT: 19.67 min Scan# 2832
Delta R.T. -0.00 min
Lab File: BE094395.D
Acq: 15 Oct 2017 16:18

Tgt Ion:202 Resp: 4012

Ion	Ratio	Lower	Upper
202	100		
101	17.2	18.2	27.4#
100	15.0	15.6	23.4#

Instrument :
BNA_E
ClientSampleId :
C0AF5DL

Manual Integrations APPROVED
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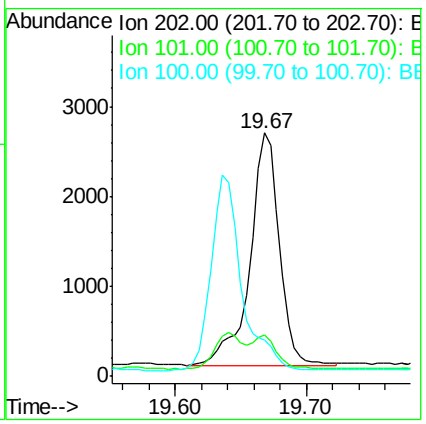
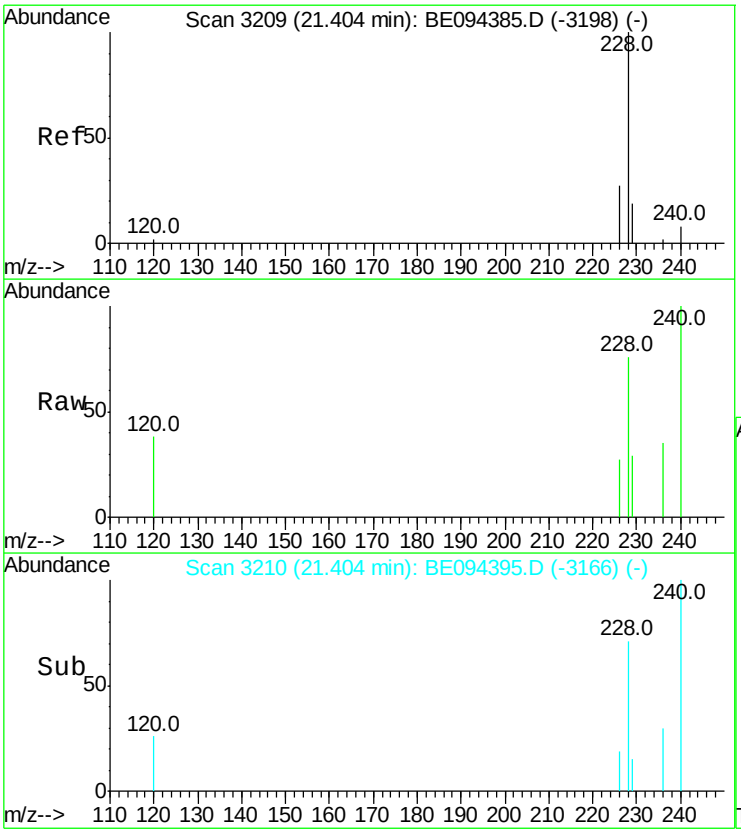
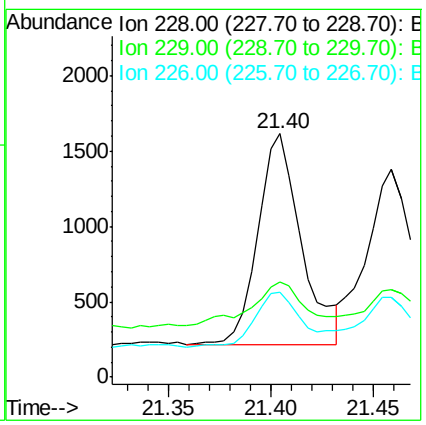


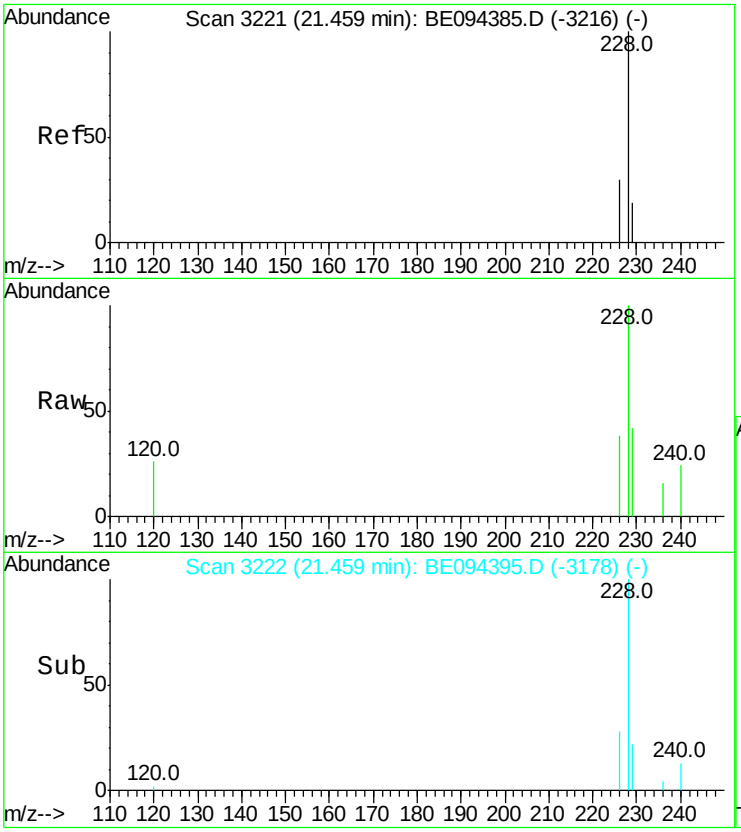


#18
Benzo(a)anthracene
Concen: 0.047 ng/ul
RT: 21.40 min Scan# 3210
Delta R.T. -0.00 min
Lab File: BE094395.D
Acq: 15 Oct 2017 16:18

Tgt Ion:228 Resp: 2074

Ion	Ratio	Lower	Upper
228	100		
229	39.0	22.8	34.2#
226	35.1	17.0	25.6#





#19
Chrysene
Concen: 0.036 ng/ul
RT: 21.46 min Scan# 3222
Delta R.T. -0.00 min
Lab File: BE094395.D
Acq: 15 Oct 2017 16:18

Tgt Ion:228 Resp: 1809

Ion	Ratio	Lower	Upper
228	100		
226	38.4	23.4	35.0#
229	42.3	17.7	26.5#

Instrument :
BNA_E
ClientSampleId :
C0AF5DL

Manual Integrations APPROVED
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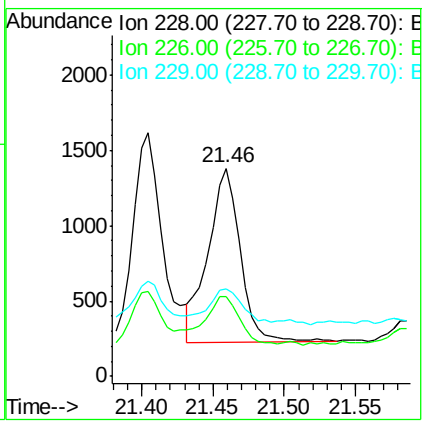
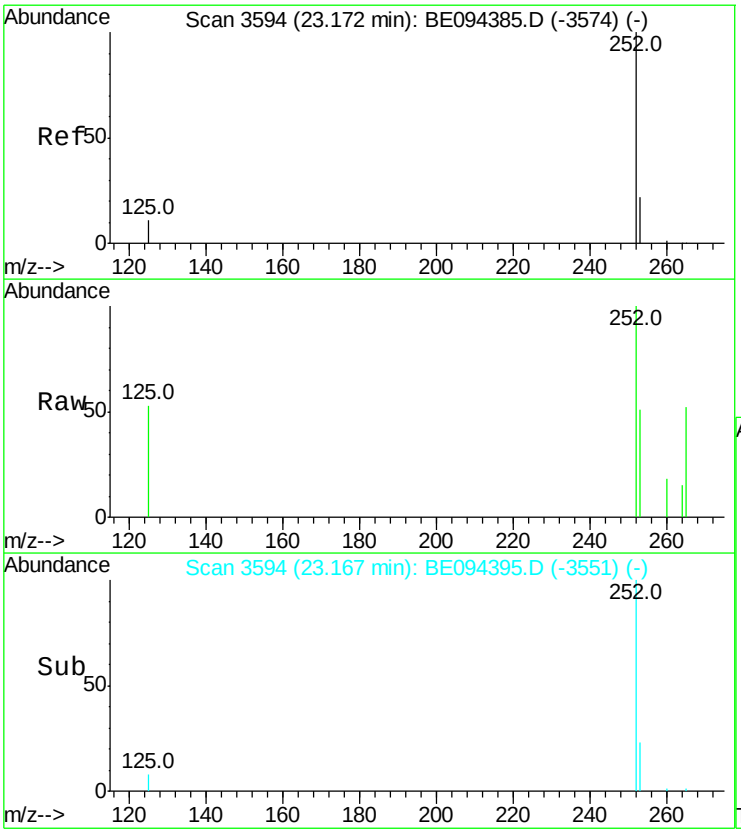
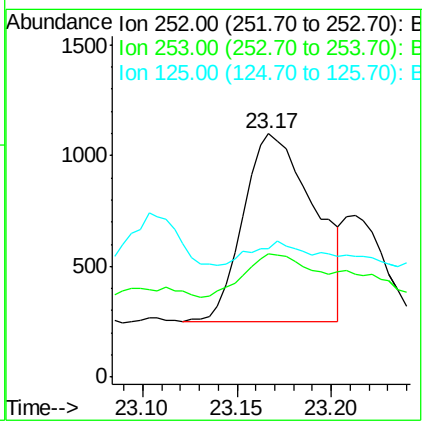


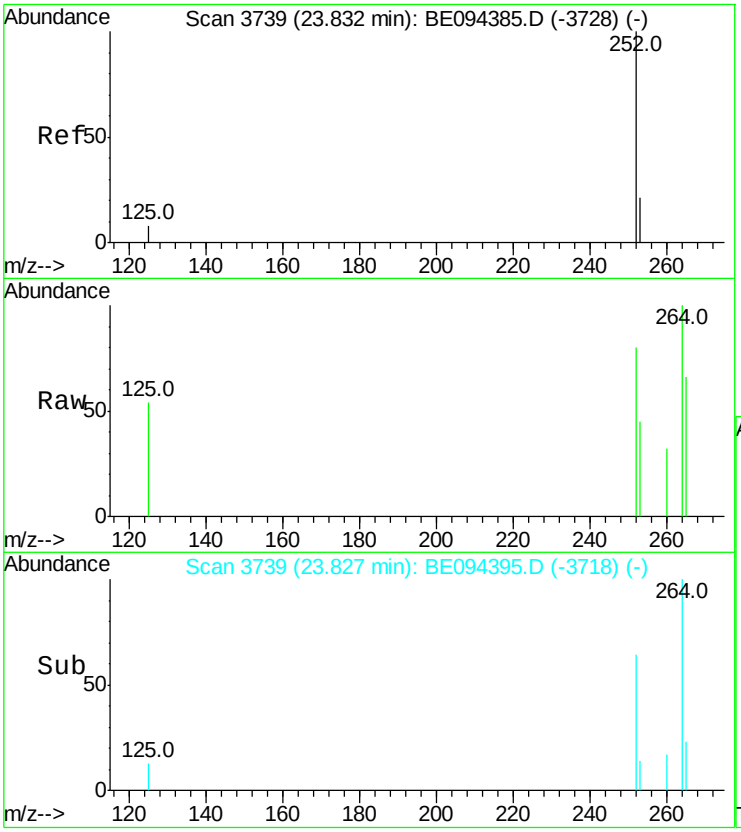


#21
Benzo(b)fluoranthene
Concen: 0.049 ng/ul m
RT: 23.17 min Scan# 3594
Delta R.T. -0.00 min
Lab File: BE094395.D
Acq: 15 Oct 2017 16:18

Tgt Ion:252 Resp: 2222

Ion	Ratio	Lower	Upper
252	100		
253	50.9	0.0	64.2
125	52.7	0.0	35.0#





#23
Benzo(a)pyrene
Concen: 0.033 ng/ul
RT: 23.83 min Scan# 3739
Delta R.T. -0.00 min
Lab File: BE094395.D
Acq: 15 Oct 2017 16:18

Tgt Ion:252 Resp: 1535

Ion	Ratio	Lower	Upper
252	100		
253	56.4	28.5	42.7#
125	67.5	18.1	27.1#

Instrument :
BNA_E
ClientSampleId :
C0AF5DL

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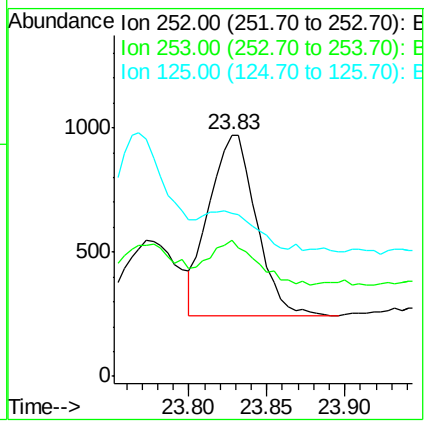
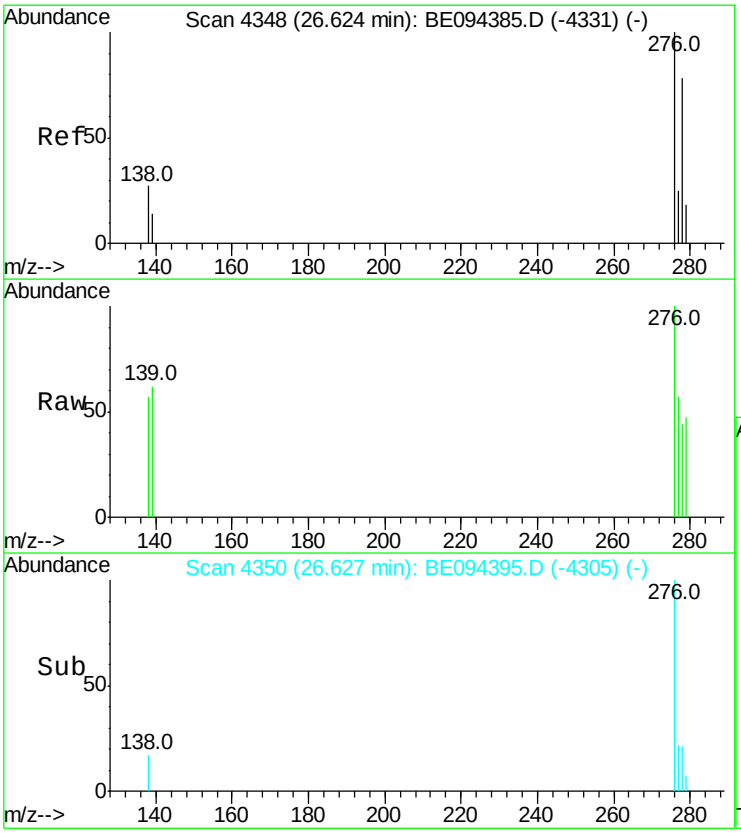
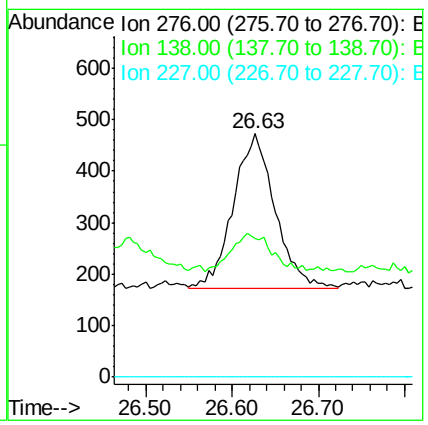


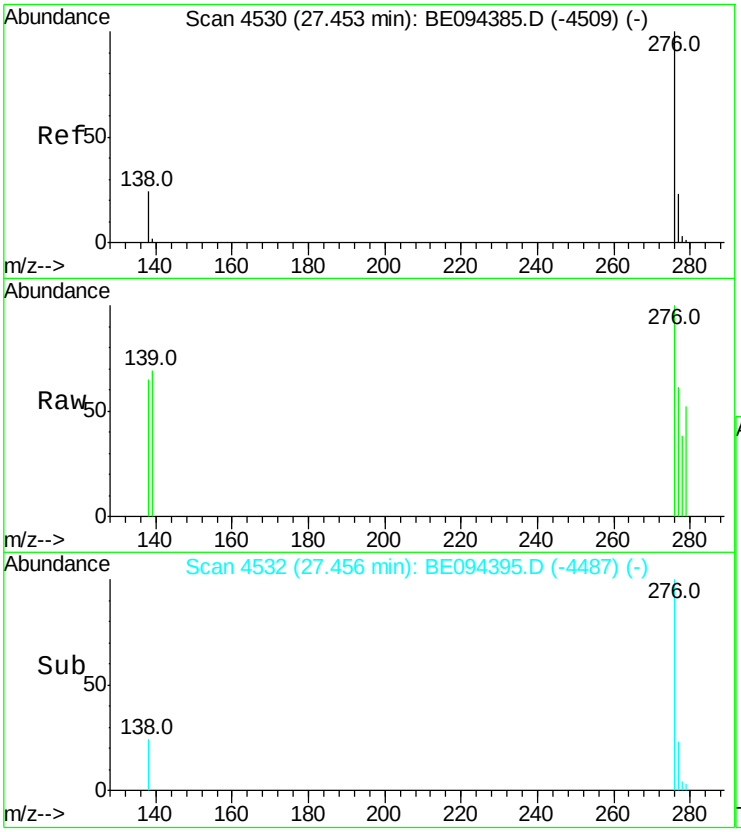


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.021 ng/ul
RT: 26.63 min Scan# 4350
Delta R.T. 0.00 min
Lab File: BE094395.D
Acq: 15 Oct 2017 16:18

Tgt Ion:276 Resp: 1017

Ion	Ratio	Lower	Upper
276	100		
138	24.4	28.0	42.0#
227	0.0	8.0	12.0#

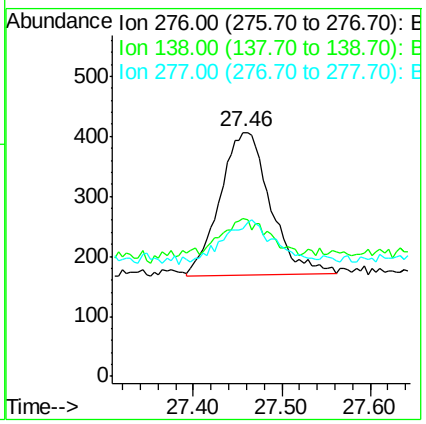




#26
Benzo(g,h,i)perylene
Concen: 0.023 ng/ul
RT: 27.46 min Scan# 4532
Delta R.T. 0.00 min
Lab File: BE094395.D
Acq: 15 Oct 2017 16:18

Tgt Ion:276 Resp: 945

Ion	Ratio	Lower	Upper
276	100		
138	65.0	21.8	32.8#
277	60.8	20.5	30.7#



Instrument :
BNA_E
ClientSampleId :
C0AF5DL

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