Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE101117\
Data File : BE094289.D
Acq On : 11 Oct 2017 21:06
Operator : SJ/JU
Sample : I5490-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Oct 12 07:36:25 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 12 07:31:23 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	1991	0.40	ng/ul	0.00
2) Naphthalene-d8	10.70	136	9637	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	6163	0.40	ng/ul	0.00
10) Phenanthrene-d10	0.00	188	0	0.00	ng/ul	-17.26
16) Chrysene-d12	21.43	240	10862	0.40	ng/ul	0.02
20) Perylene-d12	23.81	264	645347	0.40	ng/ul	-0.12
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	4302	0.29	ng/ul	0.00
14) Fluoranthene-d10	19.28	212	8444	0.00	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.74	128	112954	4.785	ng/ul#	91
5) 2-Methylnaphthalene	12.35	142	58220	3.802	ng/ul	98
7) Acenaphthylene	14.24	152	12968	0.540	ng/ul#	88
8) Acenaphthene	14.58	153	133924	6.770	ng/ul	98
9) Fluorene	15.57	166	210440	9.085	ng/ul#	93
17) Pyrene	19.68	202	3351235	110.888	ng/ul#	84
18) Benzo(a)anthracene	21.41	228	2160691	74.983	ng/ul#	86
19) Chrysene	21.47	228	2009068	60.374	ng/ul	97
21) Benzo(b)fluoranthene	23.20	252	2257235	1.288	ng/ul	86
22) Benzo(k)fluoranthene	23.20	252	2097025	1.035	ng/ul#	88
23) Benzo(a)pyrene	23.74	252	1118123	0.614	ng/ul#	83

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

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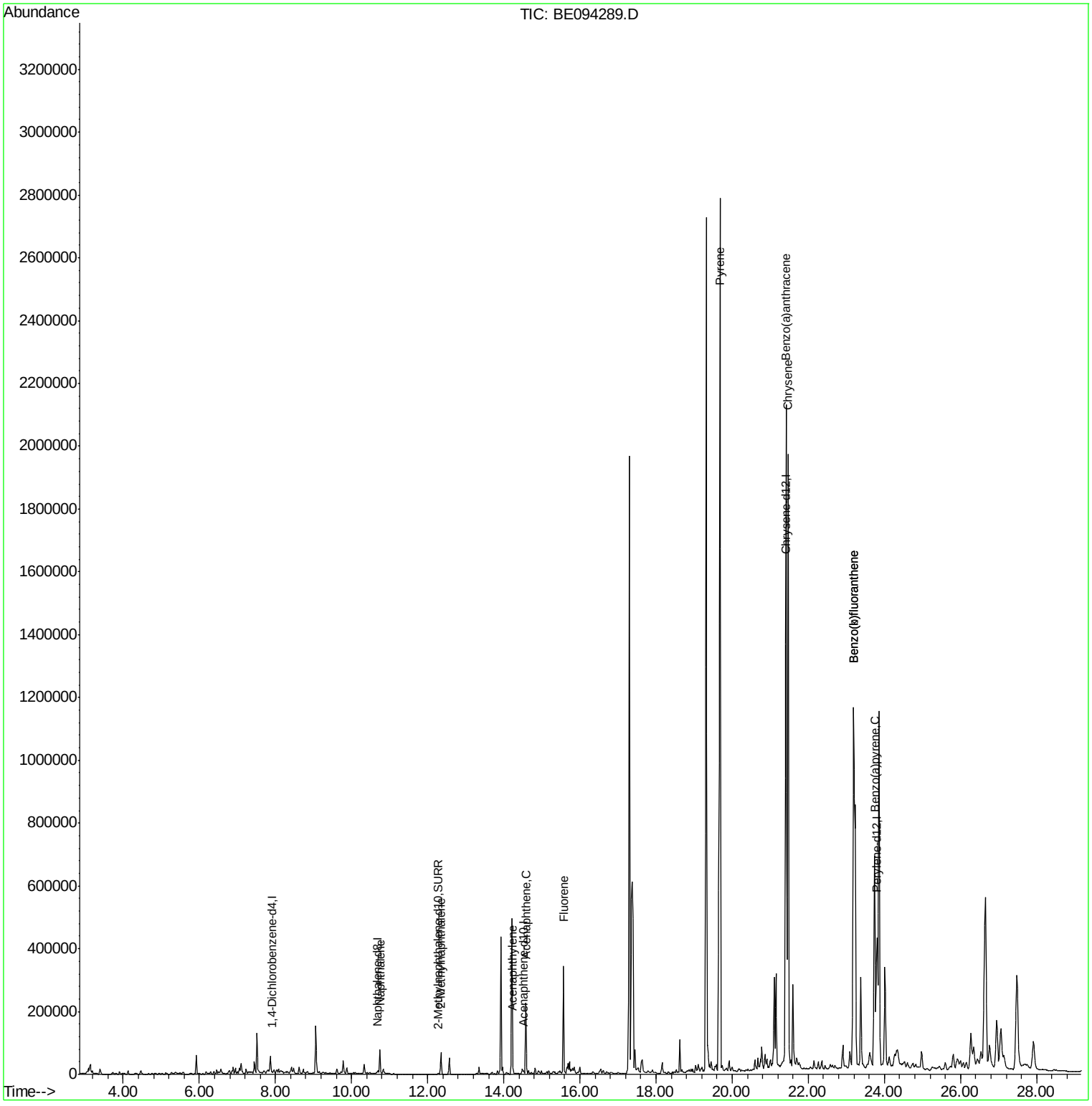
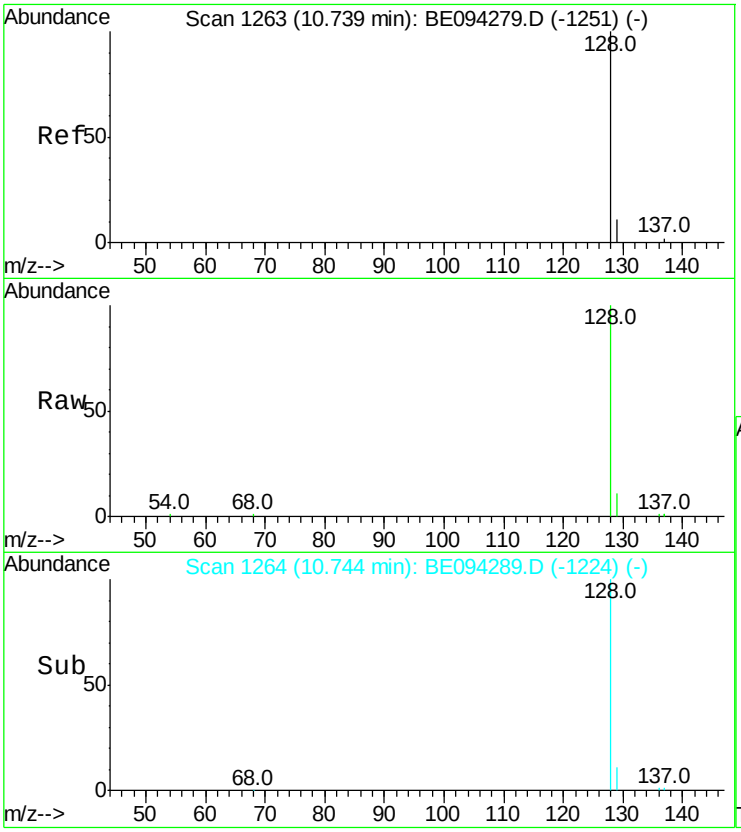


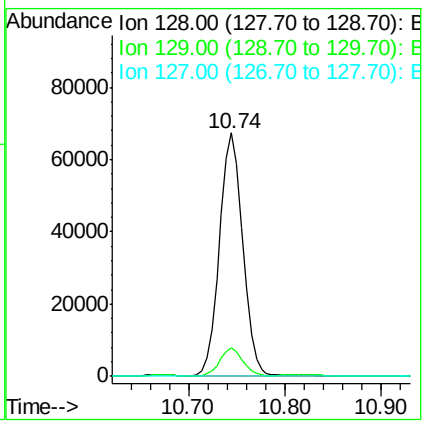


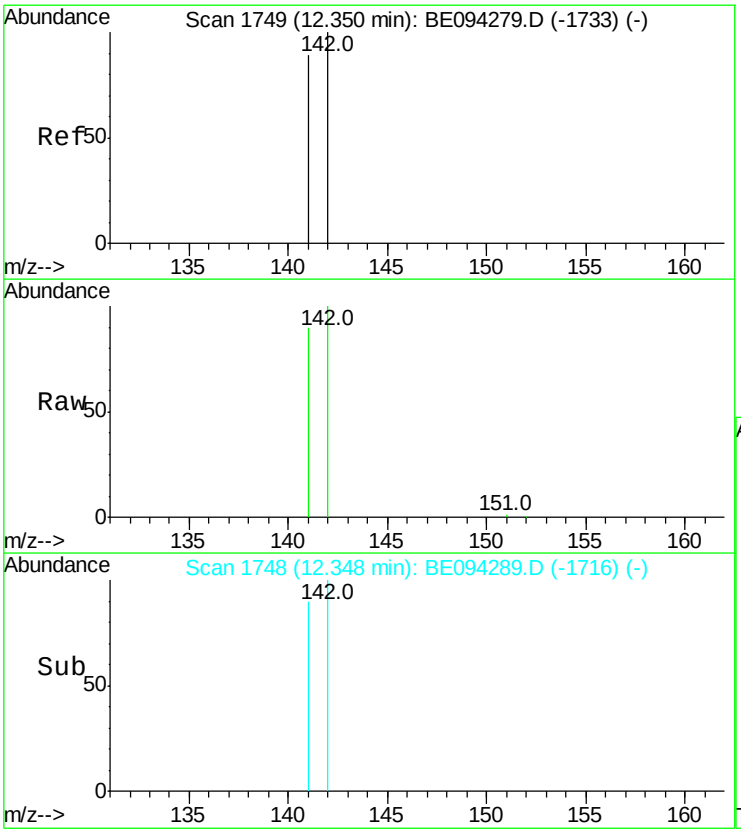
#3
Naphthalene
Concen: 4.785 ng/ul
RT: 10.74 min Scan# 1264
Delta R.T. 0.01 min
Lab File: BE094289.D
Acq: 11 Oct 2017 21:06

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 112954

Ion	Ratio	Lower	Upper
128	100		
129	11.5	11.3	16.9
127	0.0	4.0	6.0#

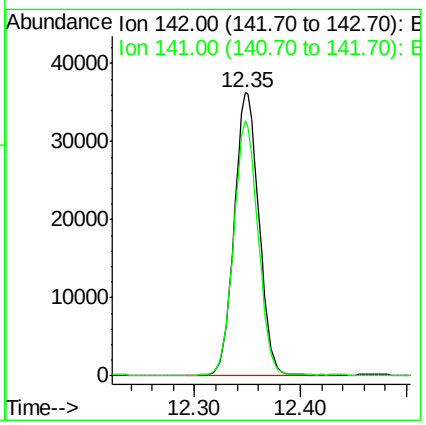


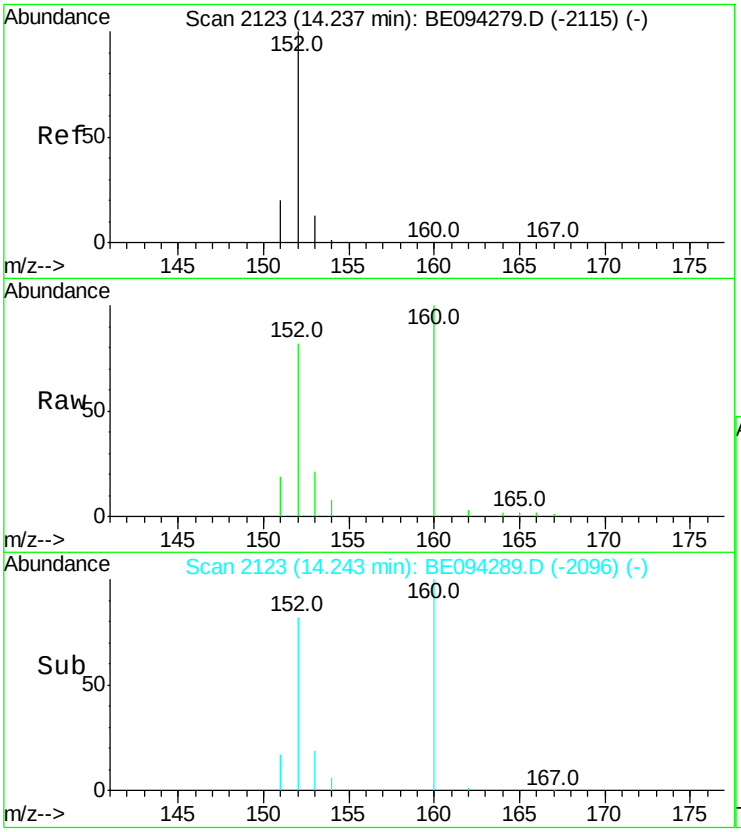


#5
2-Methylnaphthalene
Concen: 3.802 ng/ul
RT: 12.35 min Scan# 1748
Delta R.T. -0.00 min
Lab File: BE094289.D
Acq: 11 Oct 2017 21:06

Tgt Ion:142 Resp: 58220

Ion	Ratio	Lower	Upper
142	100		
141	89.2	72.6	108.8



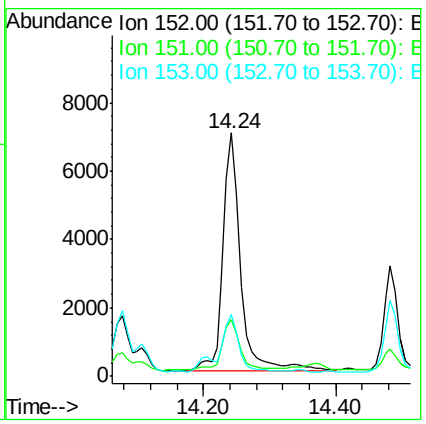


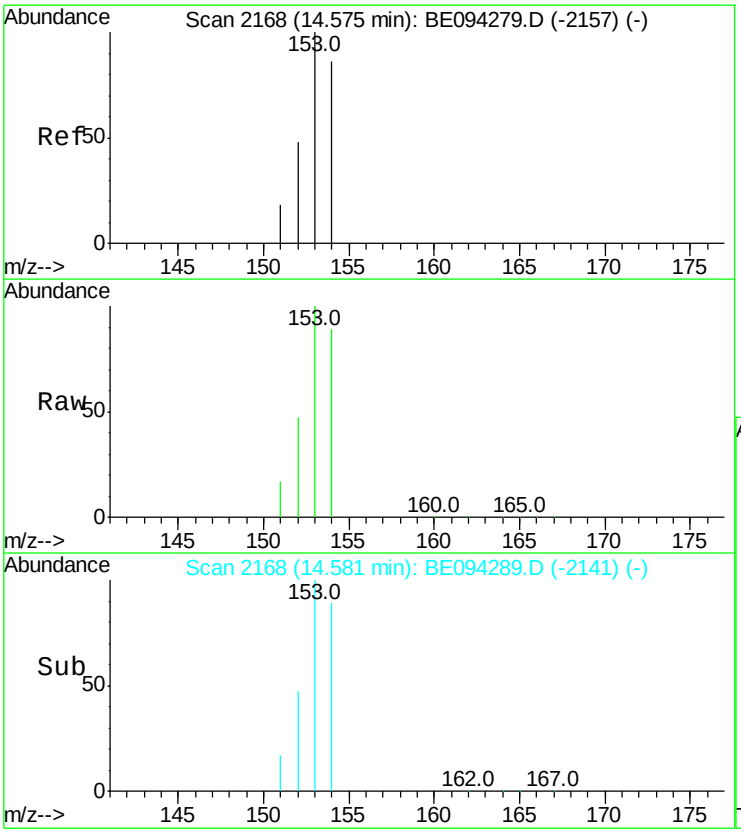
#7
Acenaphthylene
Concen: 0.540 ng/ul
RT: 14.24 min Scan# 2123
Delta R.T. 0.01 min
Lab File: BE094289.D
Acq: 11 Oct 2017 21:06

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 12968

Ion	Ratio	Lower	Upper
152	100		
151	23.5	17.1	25.7
153	25.2	12.8	19.2#

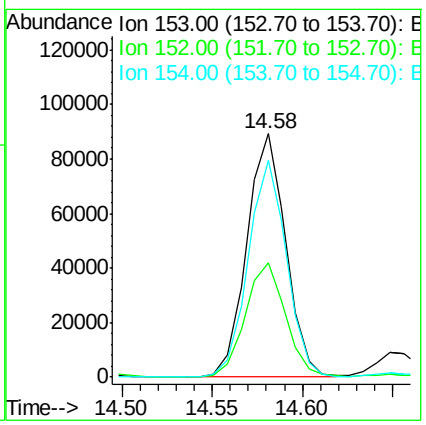


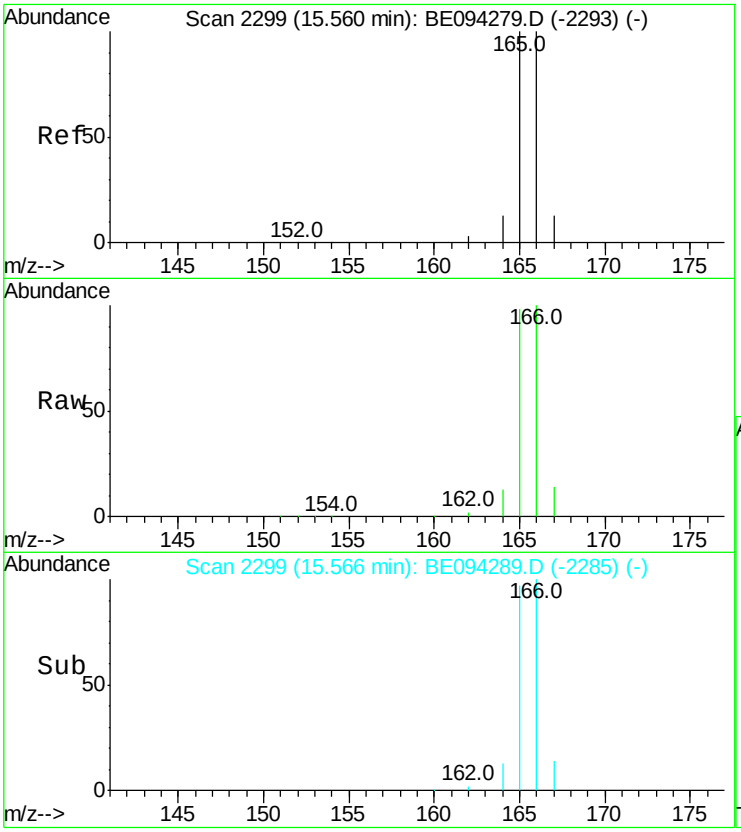


#8
Acenaphthene
Concen: 6.770 ng/ul
RT: 14.58 min Scan# 2168
Delta R.T. 0.01 min
Lab File: BE094289.D
Acq: 11 Oct 2017 21:06

Tgt Ion:153 Resp: 133924

Ion	Ratio	Lower	Upper
153	100		
152	46.7	40.3	60.5
154	89.1	71.4	107.2



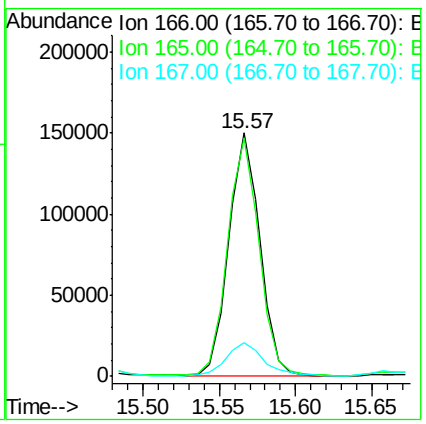


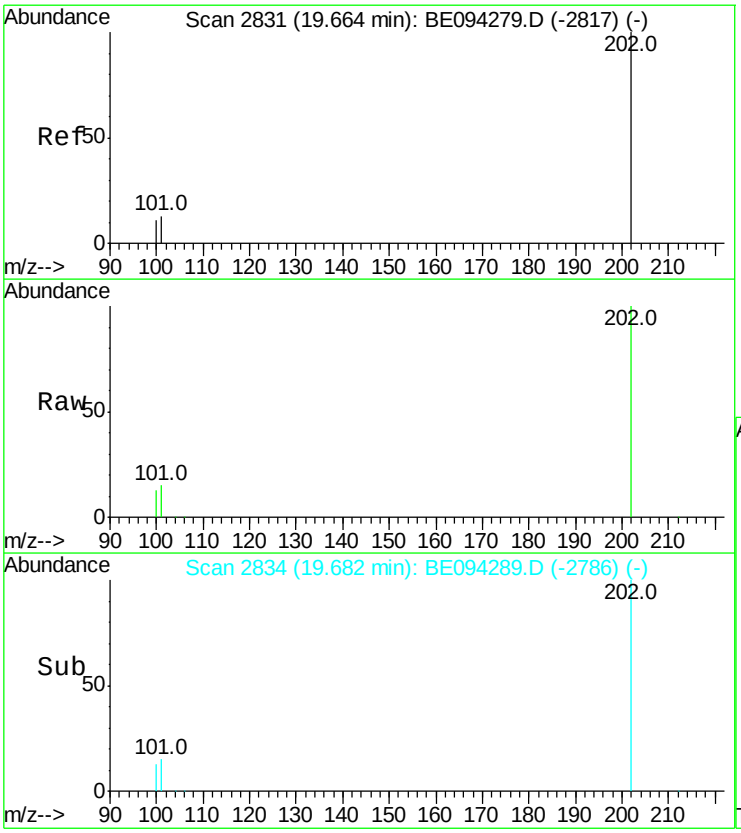
#9
Fluorene
Concen: 9.085 ng/ul
RT: 15.57 min Scan# 2299
Delta R.T. 0.01 min
Lab File: BE094289.D
Acq: 11 Oct 2017 21:06

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:166 Resp: 210440

Ion	Ratio	Lower	Upper
166	100		
165	97.7	73.4	110.2
167	14.1	14.6	22.0#

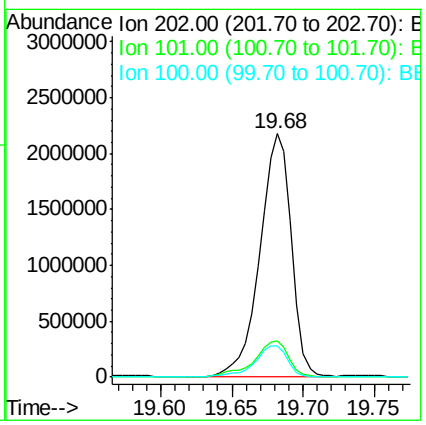


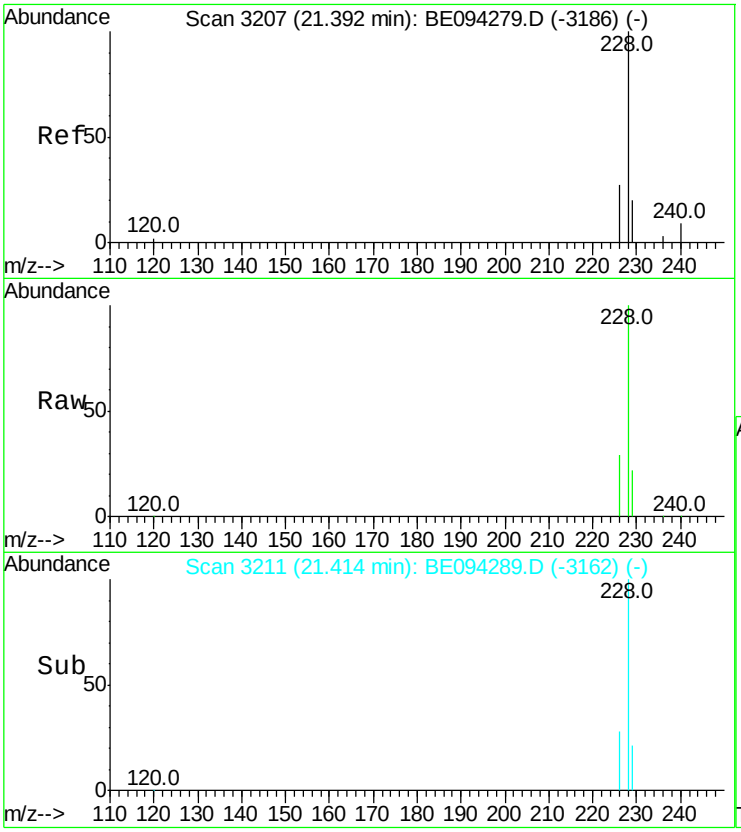


#17
Pyrene
Concen: 110.888 ng/ul
RT: 19.68 min Scan# 2834
Delta R.T. 0.02 min
Lab File: BE094289.D
Acq: 11 Oct 2017 21:06

Tgt Ion:202 Resp: 3351235

Ion	Ratio	Lower	Upper
202	100		
101	14.9	18.2	27.4#
100	12.8	15.6	23.4#



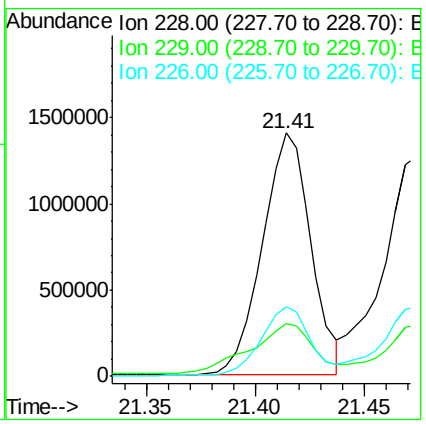


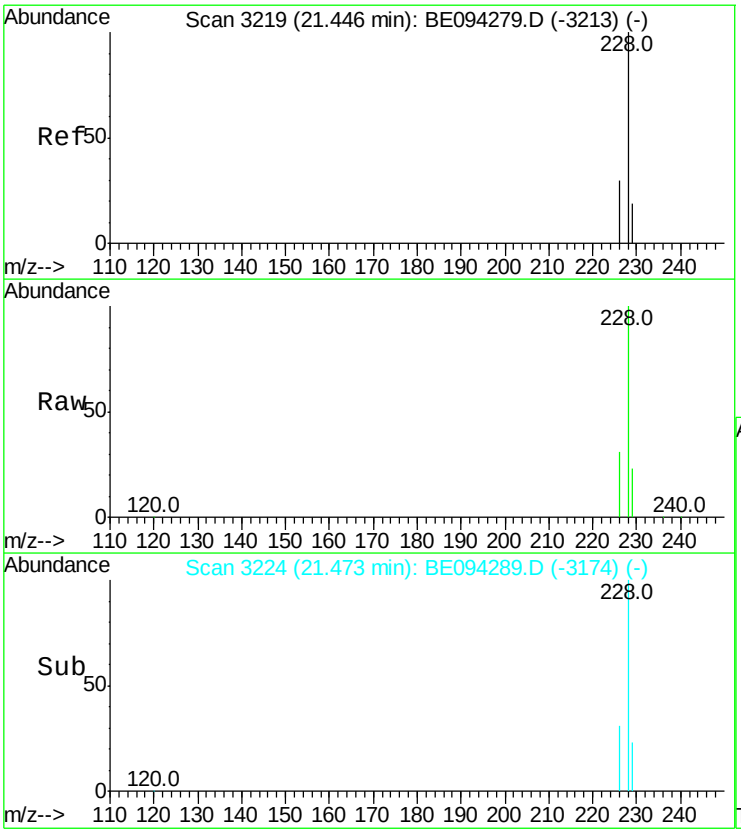
#18
Benzo(a)anthracene
Concen: 74.983 ng/ul
RT: 21.41 min Scan# 3211
Delta R.T. 0.02 min
Lab File: BE094289.D
Acq: 11 Oct 2017 21:06

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 2160691

Ion	Ratio	Lower	Upper
228	100		
229	21.6	22.8	34.2#
226	28.7	17.0	25.6#

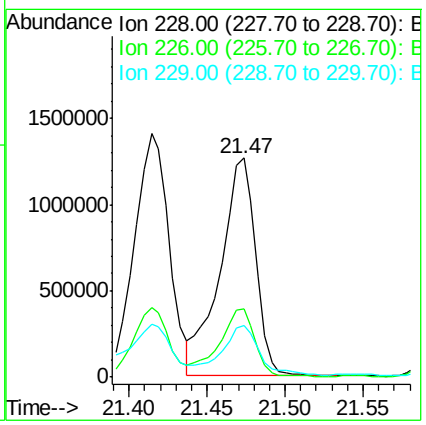


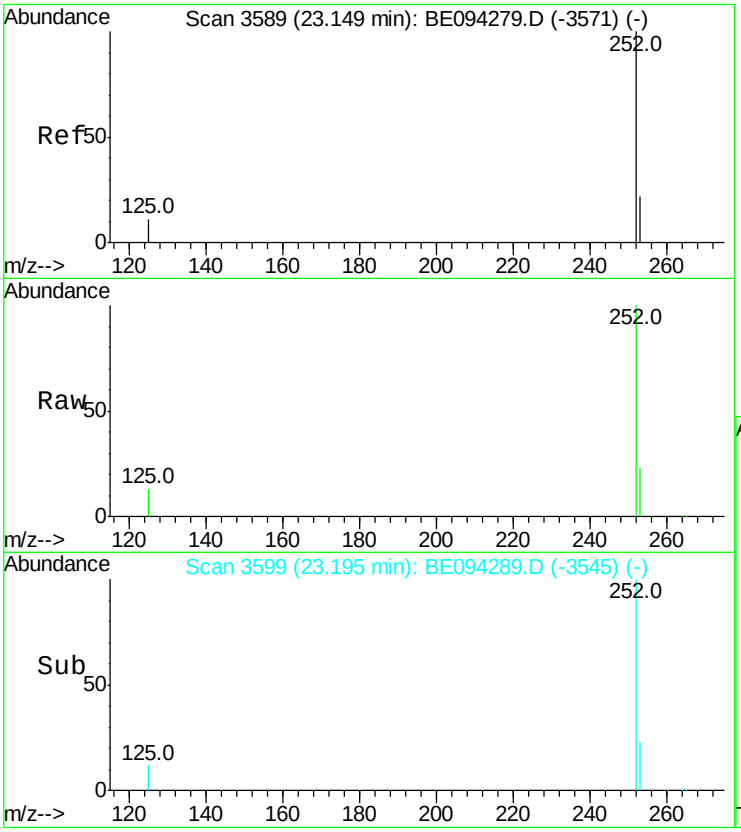


#19
Chrysene
Concen: 60.374 ng/ul
RT: 21.47 min Scan# 3224
Delta R.T. 0.03 min
Lab File: BE094289.D
Acq: 11 Oct 2017 21:06

Tgt Ion:228 Resp: 2009068

Ion	Ratio	Lower	Upper
228	100		
226	31.1	23.4	35.0
229	23.4	17.7	26.5



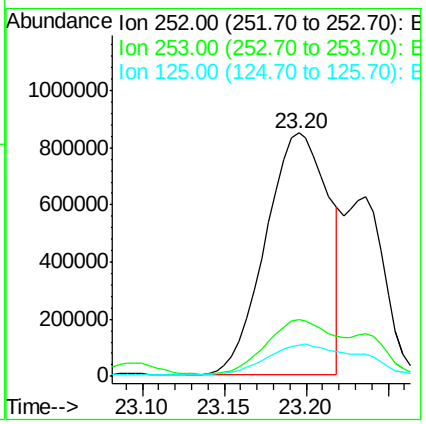


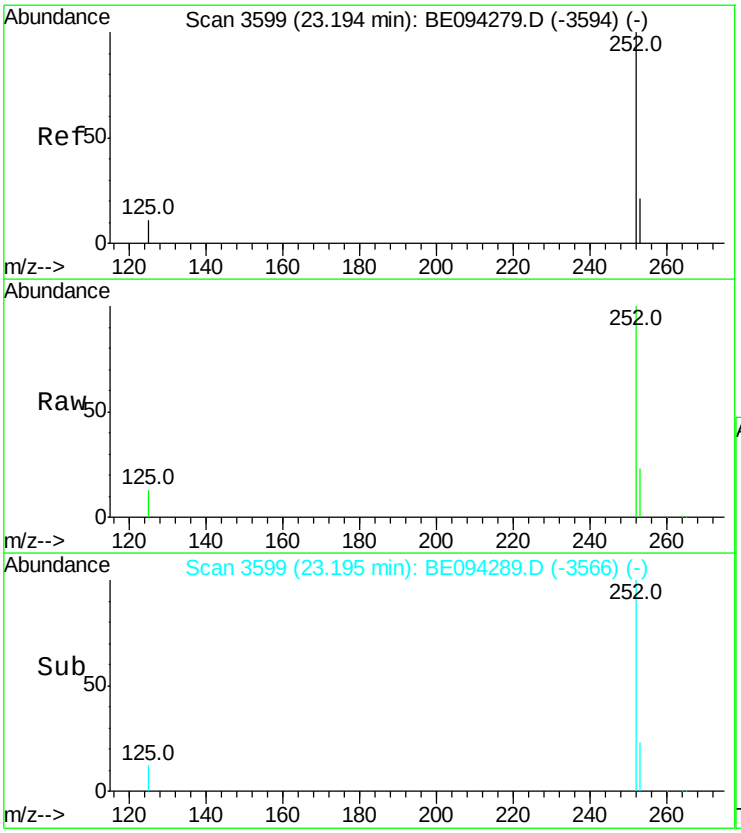
#21
Benzo(b)fluoranthene
Concen: 1.288 ng/ul
RT: 23.20 min Scan# 3599
Delta R.T. 0.05 min
Lab File: BE094289.D
Acq: 11 Oct 2017 21:06

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 2257235

Ion	Ratio	Lower	Upper
252	100		
253	23.3	0.0	64.2
125	12.9	0.0	35.0

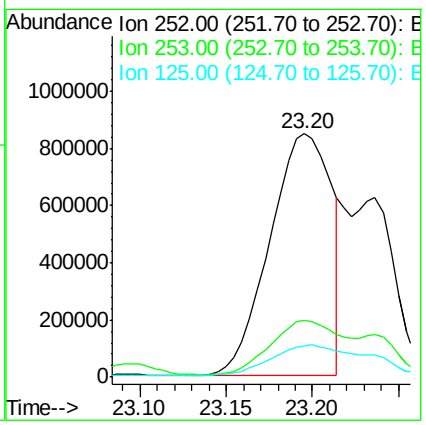


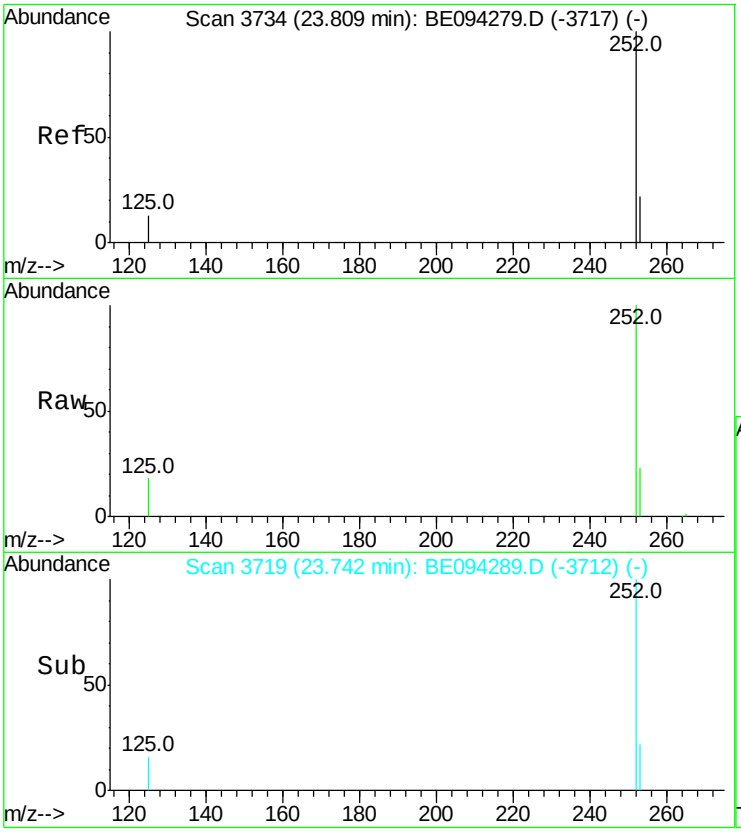


#22
Benzo(k)fluoranthene
Concen: 1.035 ng/ul
RT: 23.20 min Scan# 3599
Delta R.T. 0.00 min
Lab File: BE094289.D
Acq: 11 Oct 2017 21:06

Tgt Ion:252 Resp: 2097025

Ion	Ratio	Lower	Upper
252	100		
253	23.3	24.5	36.7#
125	12.9	13.7	20.5#





#23
Benzo(a)pyrene
Concen: 0.614 ng/ul
RT: 23.74 min Scan# 3719
Delta R.T. -0.07 min
Lab File: BE094289.D
Acq: 11 Oct 2017 21:06

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 1118123

Ion	Ratio	Lower	Upper
252	100		
253	22.9	28.5	42.7#
125	17.6	18.1	27.1#