Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE071718\
Data File : BE096978.D
Acq On : 18 Jul 2018 4:00
Operator : SJ/JU
Sample : J3967-05DL 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Jul 18 07:15:55 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE071718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 18 07:15:45 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	2068	0.40	ng/ul	0.00
2) Naphthalene-d8	10.14	136	10393	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.02	164	6174	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.78	188	17419	0.40	ng/ul	0.00
16) Chrysene-d12	20.98	240	25849	0.40	ng/ul	0.00
20) Perylene-d12	23.21	264	28275	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.73	152	1194	0.07	ng/ul	0.00
14) Fluoranthene-d10	18.81	212	3641	0.07	ng/ul	0.00
Target Compounds						Qvalue
11) Pentachlorophenol	16.43	266	35884	18.224	ng/ul	97
12) Phenanthrene	16.81	178	2624	0.057	ng/ul#	91
15) Fluoranthene	18.84	202	15720	0.261	ng/ul	84
17) Pyrene	19.21	202	16041	0.215	ng/ul#	81
18) Benzo(a)anthracene	20.96	228	9380	0.137	ng/ul#	85
19) Chrysene	21.01	228	12474	0.161	ng/ul	97
21) Benzo(b)fluoranthene	22.54	252	30398	0.379	ng/ul	84
22) Benzo(k)fluoranthene	22.54	252	30398	0.367	ng/ul#	86
23) Benzo(a)pyrene	23.11	252	15243	0.216	ng/ul#	78
24) Indeno(1,2,3-cd)pyrene	25.50	276	10724	0.136	ng/ul#	73
25) Dibenzo(a,h)anthracene	25.52	278	2367	0.036	ng/ul#	95
26) Benzo(g,h,i)perylene	26.20	276	11217	0.159	ng/ul	95

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

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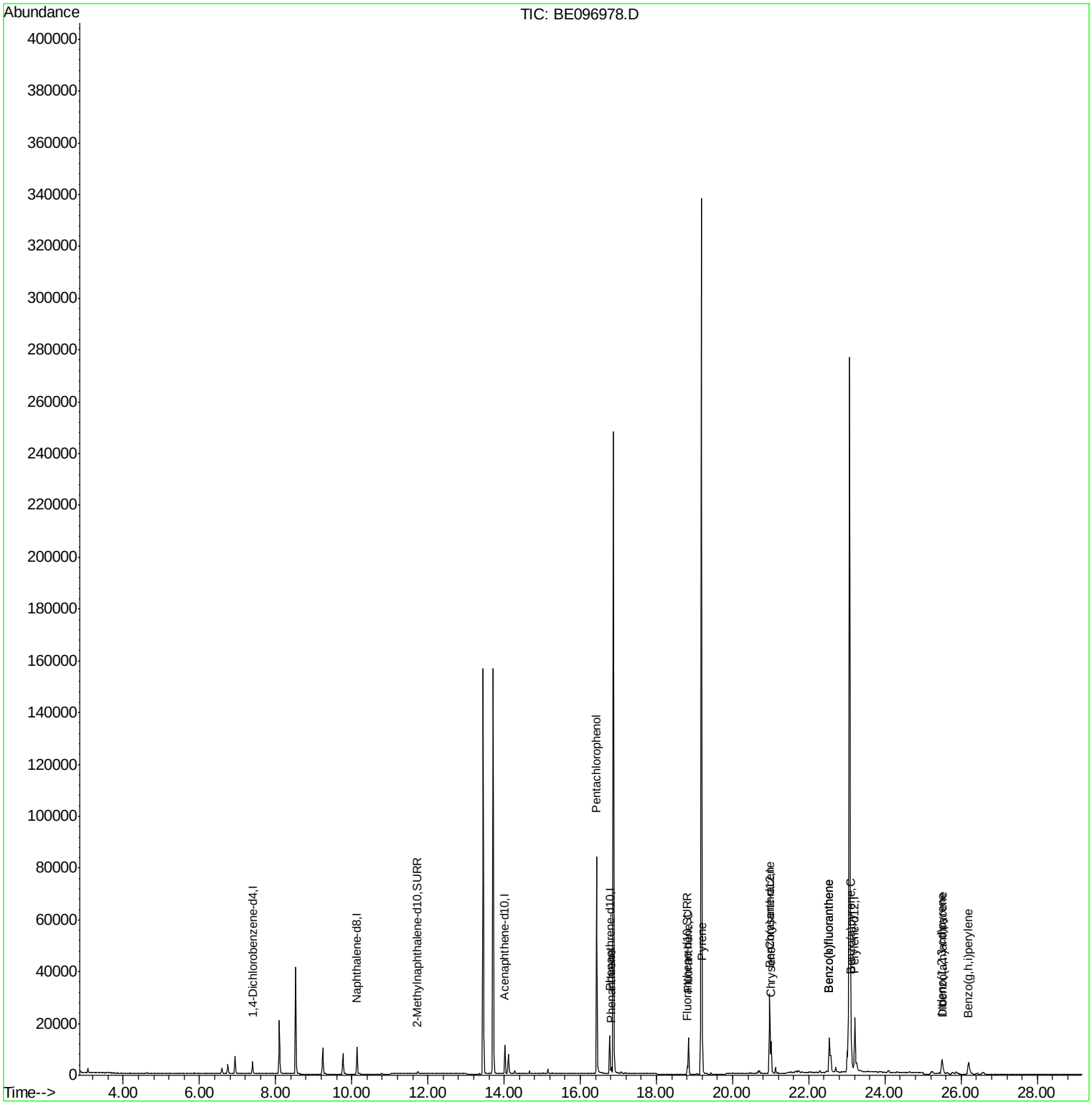
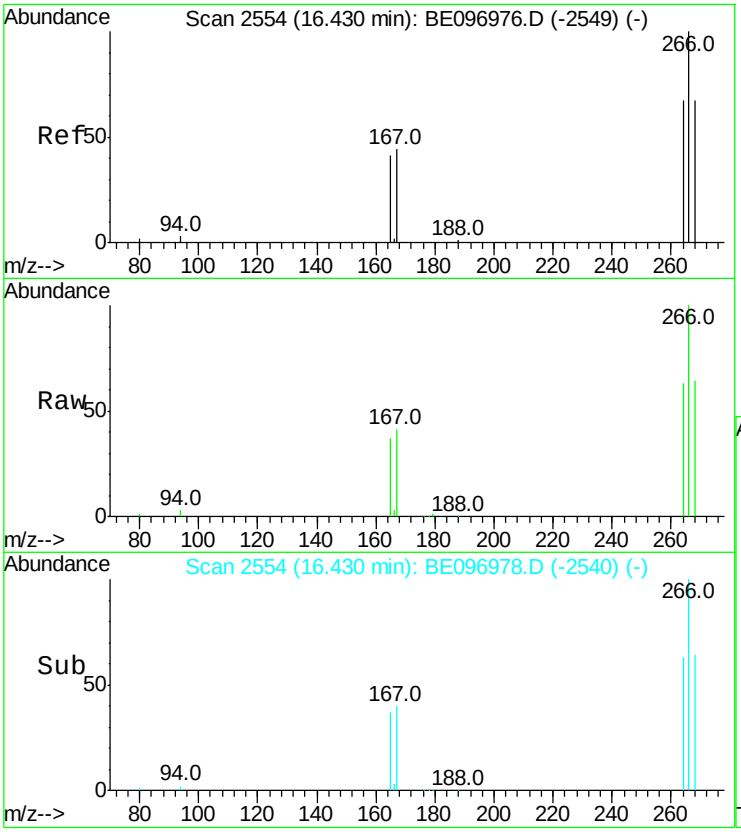


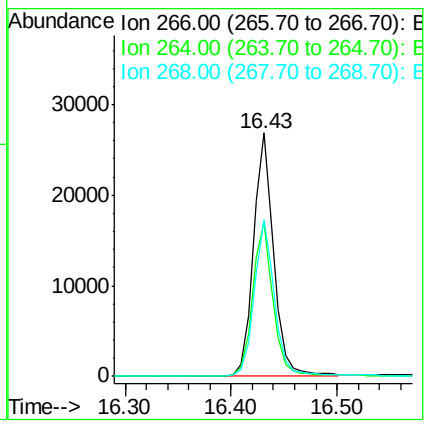


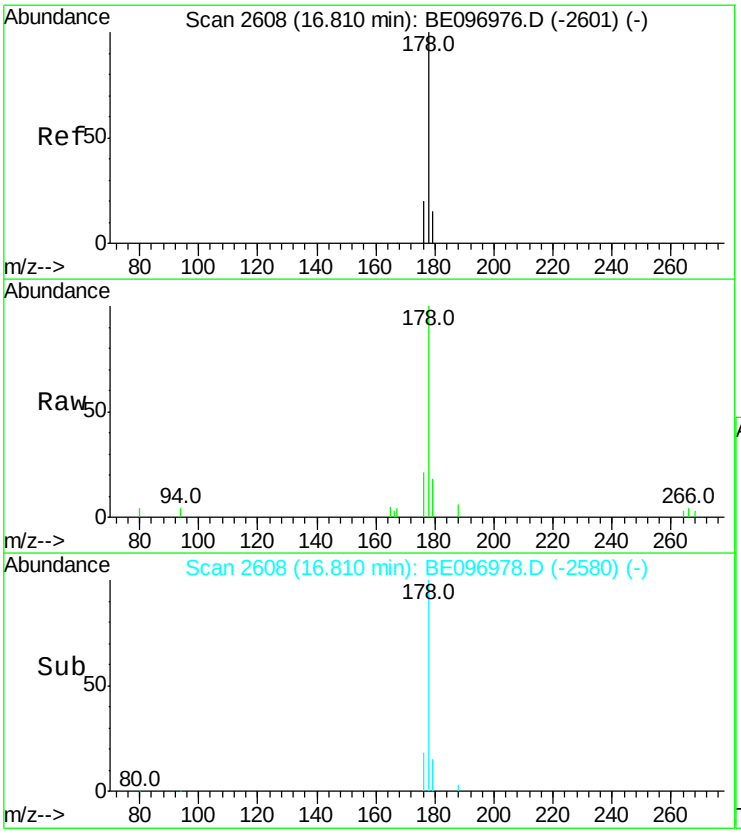
#11
Pentachlorophenol
Concen: 18.224 ng/ul
RT: 16.43 min Scan# 2554
Delta R.T. 0.00 min
Lab File: BE096978.D
Acq: 18 Jul 2018 4:00

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:266 Resp: 35884

Ion	Ratio	Lower	Upper
266	100		
264	63.2	47.9	71.9
268	64.0	49.8	74.8

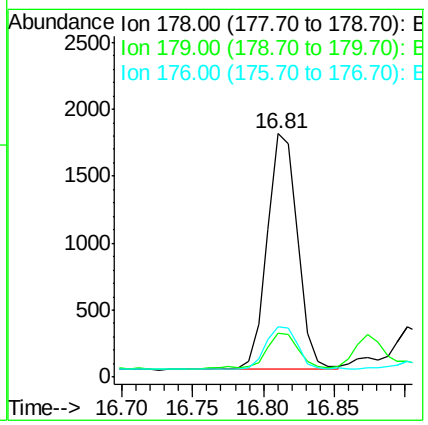


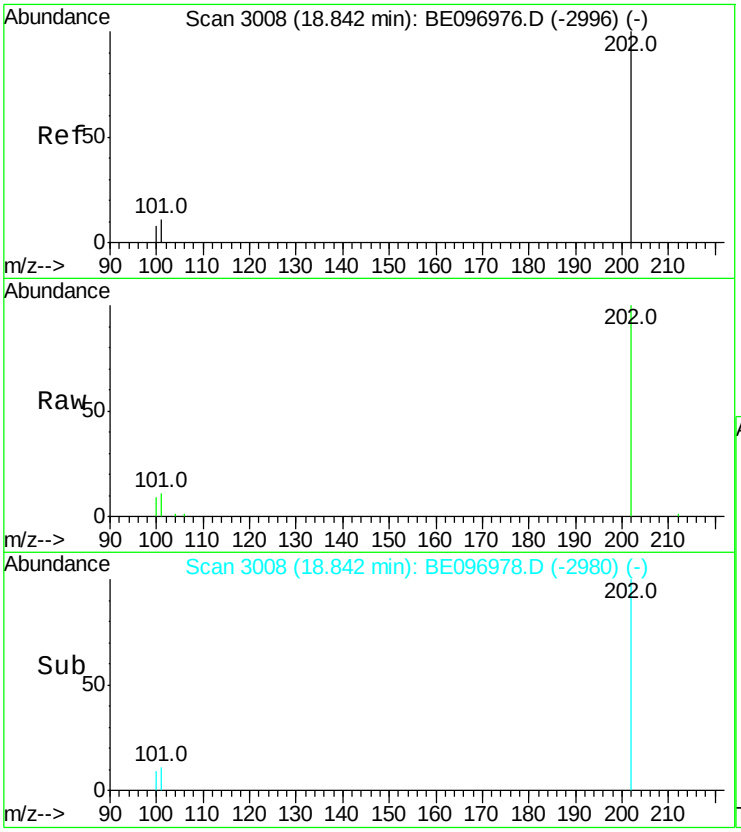


#12
Phenanthrene
Concen: 0.057 ng/ul
RT: 16.81 min Scan# 2608
Delta R.T. 0.00 min
Lab File: BE096978.D
Acq: 18 Jul 2018 4:00

Tgt Ion:178 Resp: 2624

Ion	Ratio	Lower	Upper
178	100		
179	18.3	18.4	27.6#
176	20.9	13.6	20.4#



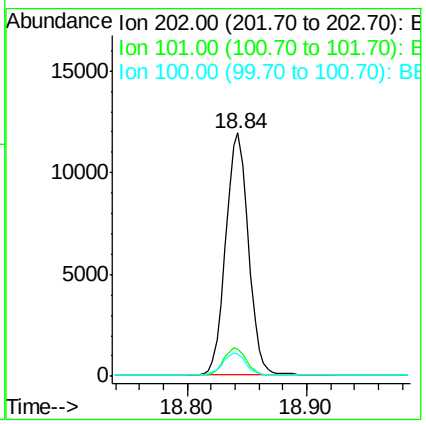


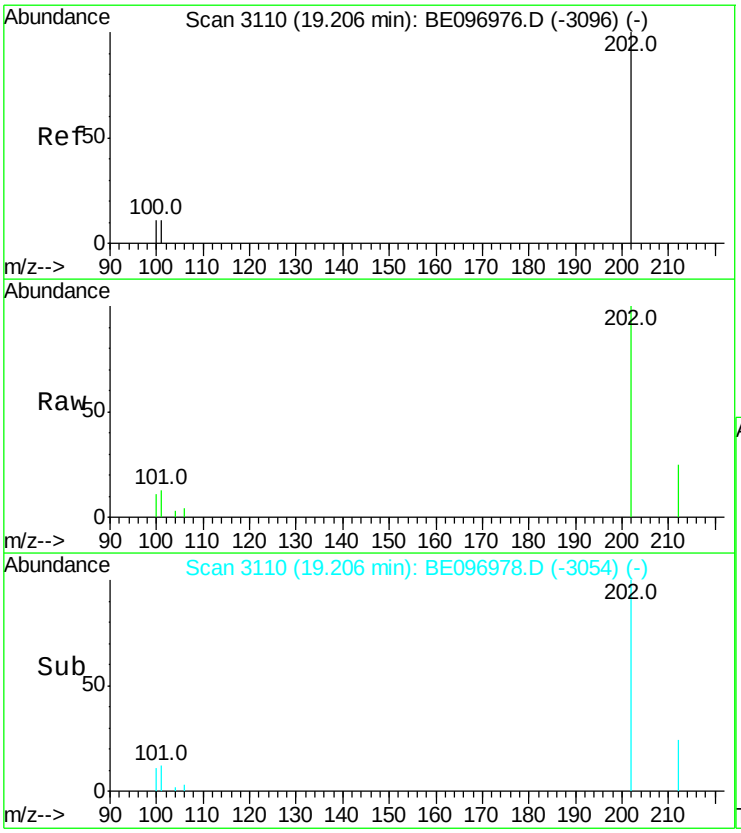
#15
Fluoranthene
Concen: 0.261 ng/ul
RT: 18.84 min Scan# 3008
Delta R.T. 0.00 min
Lab File: BE096978.D
Acq: 18 Jul 2018 4:00

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:202 Resp: 15720

Ion	Ratio	Lower	Upper
202	100		
101	11.4	0.0	30.3
100	9.1	0.0	39.5

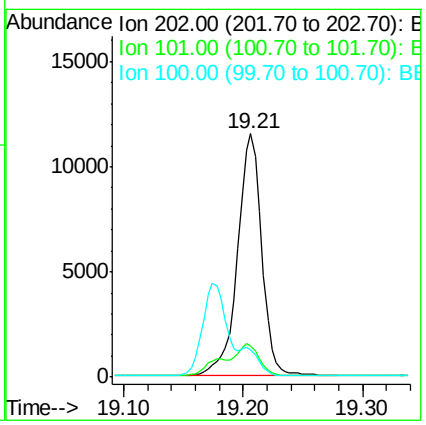


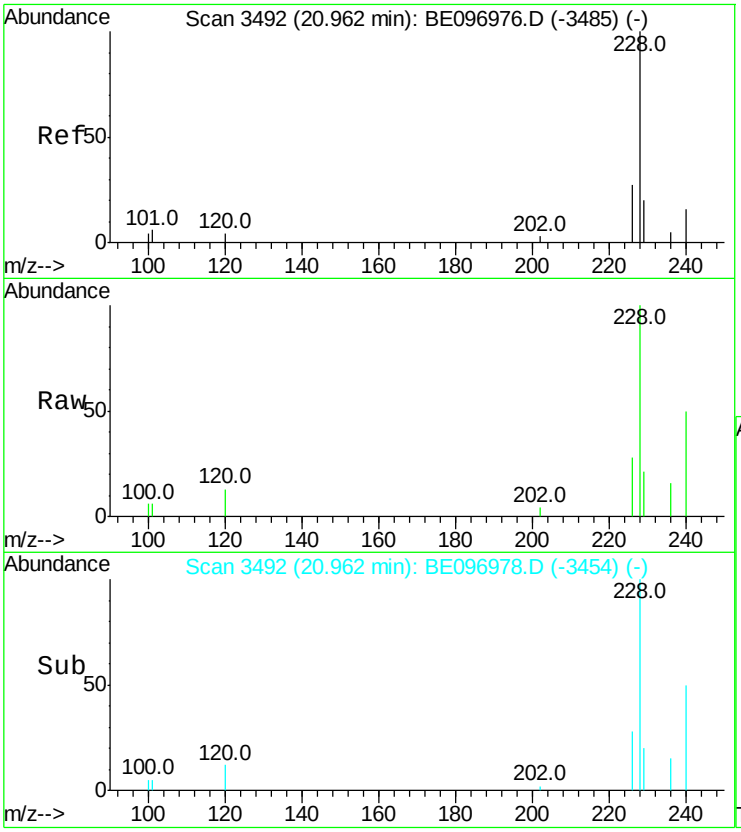


#17
Pyrene
Concen: 0.215 ng/ul
RT: 19.21 min Scan# 3110
Delta R.T. 0.00 min
Lab File: BE096978.D
Acq: 18 Jul 2018 4:00

Tgt Ion:202 Resp: 16041

Ion	Ratio	Lower	Upper
202	100		
101	13.0	18.2	27.4#
100	11.5	15.6	23.4#



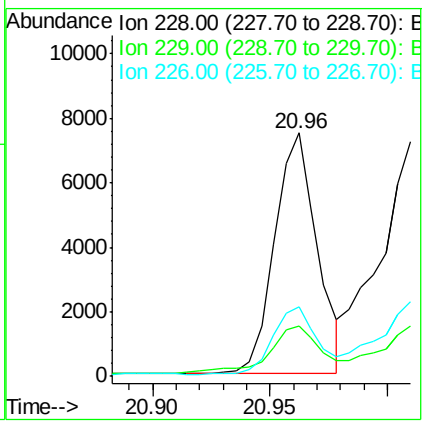


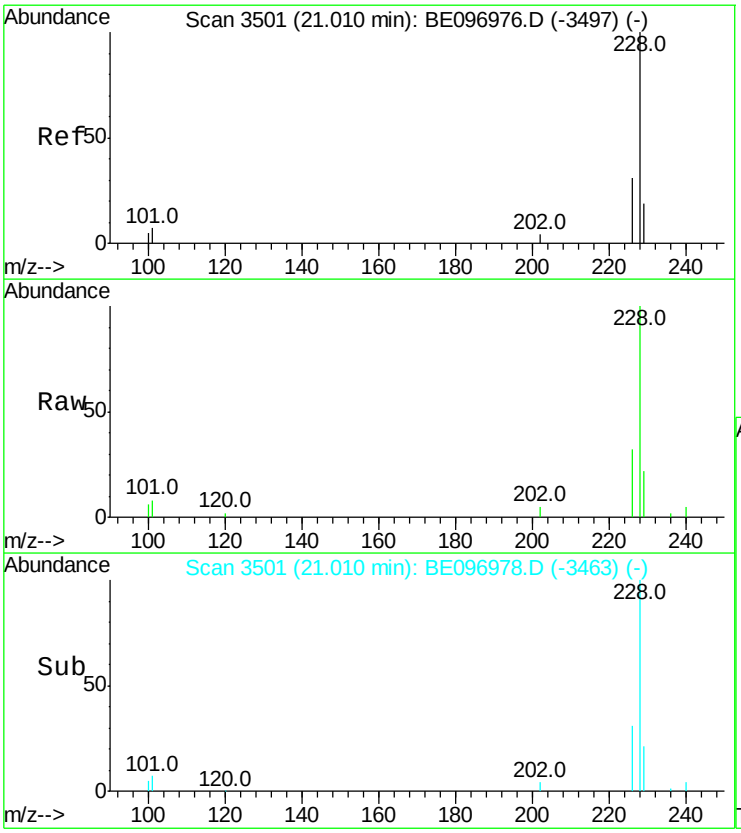
#18
Benzo(a)anthracene
Concen: 0.137 ng/ul
RT: 20.96 min Scan# 3492
Delta R.T. -0.00 min
Lab File: BE096978.D
Acq: 18 Jul 2018 4:00

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 9380

Ion	Ratio	Lower	Upper
228	100		
229	20.9	22.8	34.2#
226	28.4	17.0	25.6#

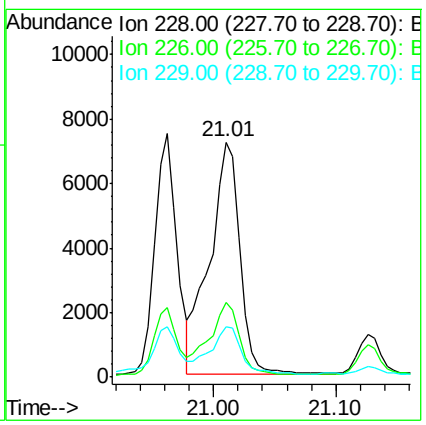


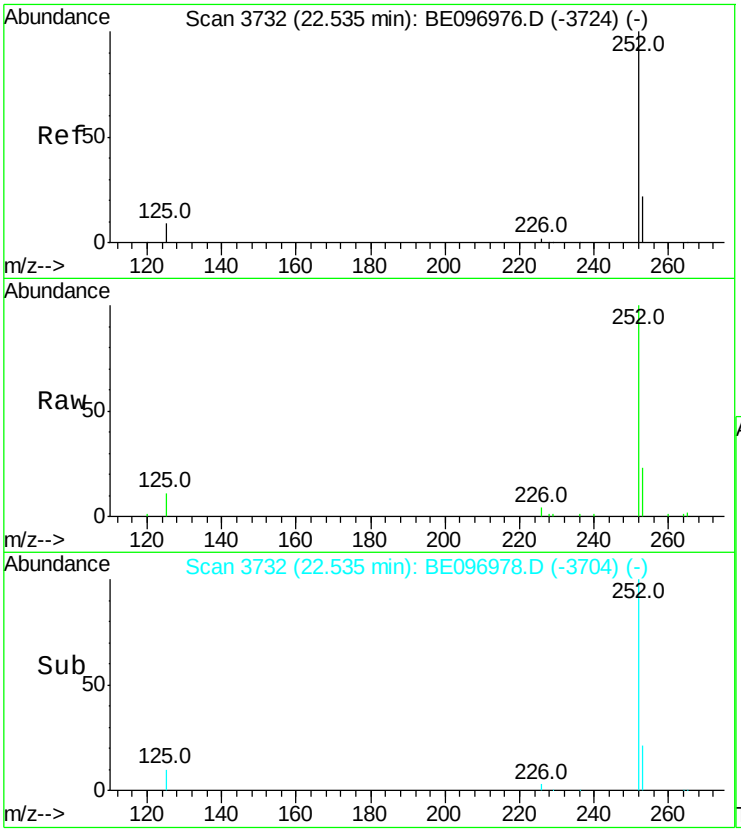


#19
Chrysene
Concen: 0.161 ng/ul
RT: 21.01 min Scan# 3501
Delta R.T. -0.00 min
Lab File: BE096978.D
Acq: 18 Jul 2018 4:00

Tgt Ion:228 Resp: 12474

Ion	Ratio	Lower	Upper
228	100		
226	31.6	23.4	35.0
229	21.6	17.7	26.5



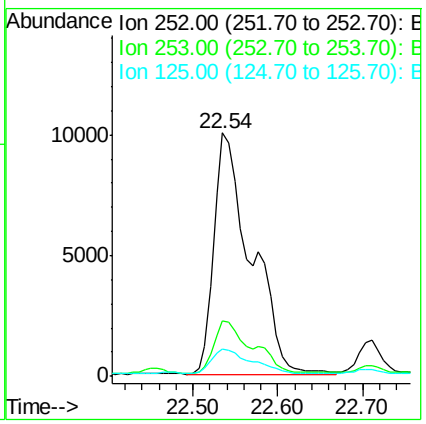


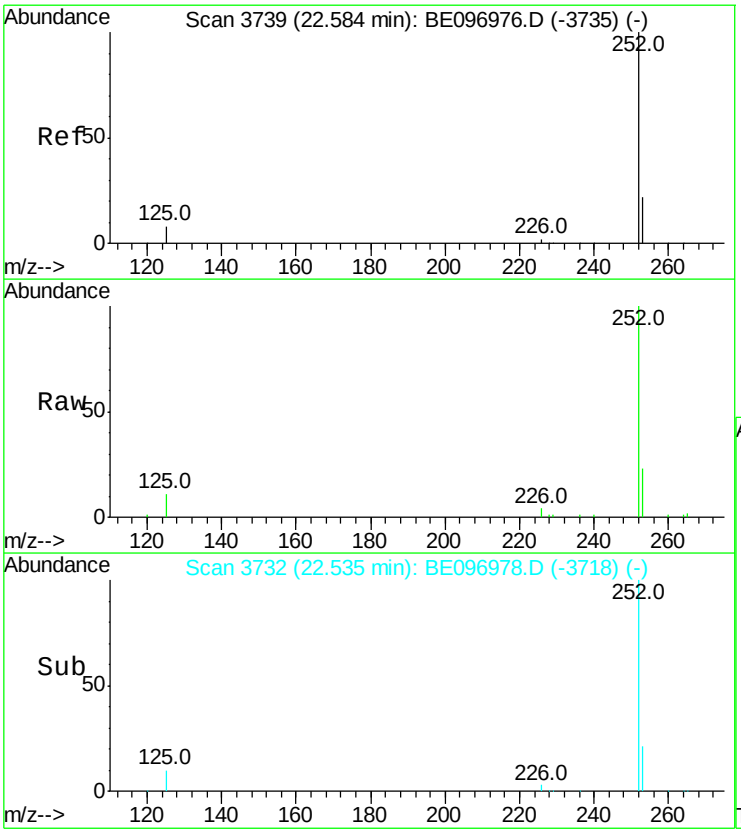
#21
Benzo(b)fluoranthene
Concen: 0.379 ng/ul
RT: 22.54 min Scan# 3732
Delta R.T. -0.00 min
Lab File: BE096978.D
Acq: 18 Jul 2018 4:00

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 30398

Ion	Ratio	Lower	Upper
252	100		
253	22.5	0.0	64.2
125	11.2	0.0	35.0

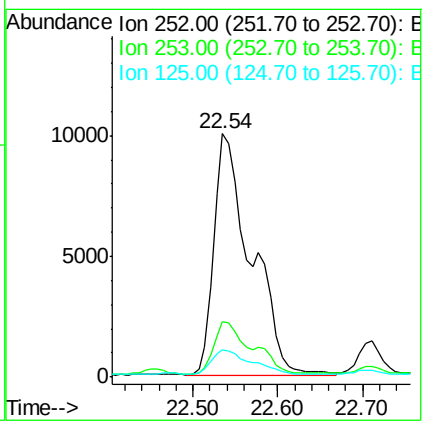


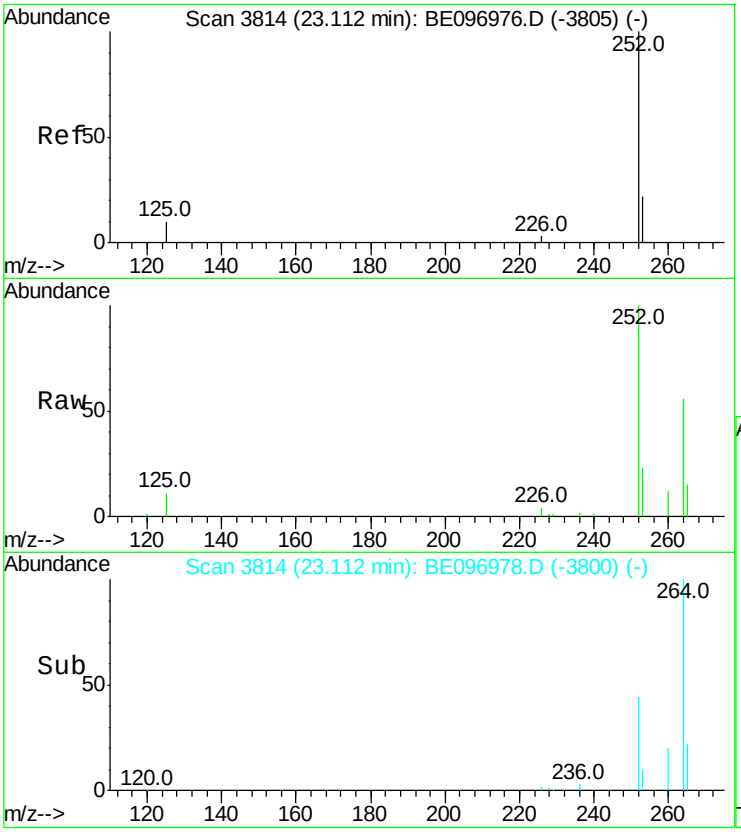


#22
Benzo(k)fluoranthene
Concen: 0.367 ng/ul
RT: 22.54 min Scan# 3732
Delta R.T. -0.05 min
Lab File: BE096978.D
Acq: 18 Jul 2018 4:00

Tgt Ion:252 Resp: 30398

Ion	Ratio	Lower	Upper
252	100		
253	22.5	24.5	36.7#
125	11.2	13.7	20.5#



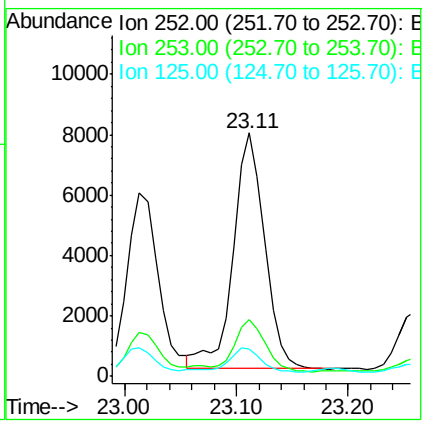


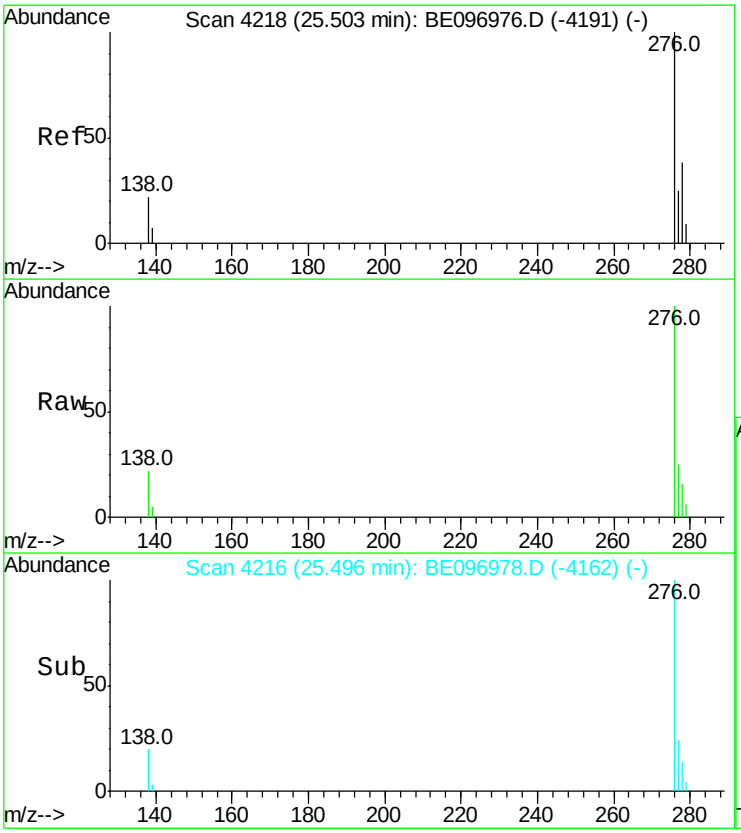
#23
Benzo(a)pyrene
Concen: 0.216 ng/ul
RT: 23.11 min Scan# 3814
Delta R.T. -0.00 min
Lab File: BE096978.D
Acq: 18 Jul 2018 4:00

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 15243

Ion	Ratio	Lower	Upper
252	100		
253	23.3	28.5	42.7#
125	11.3	18.1	27.1#

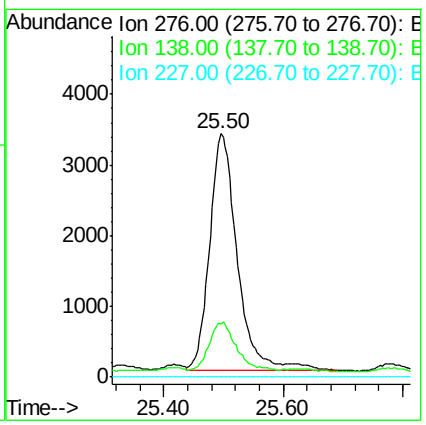


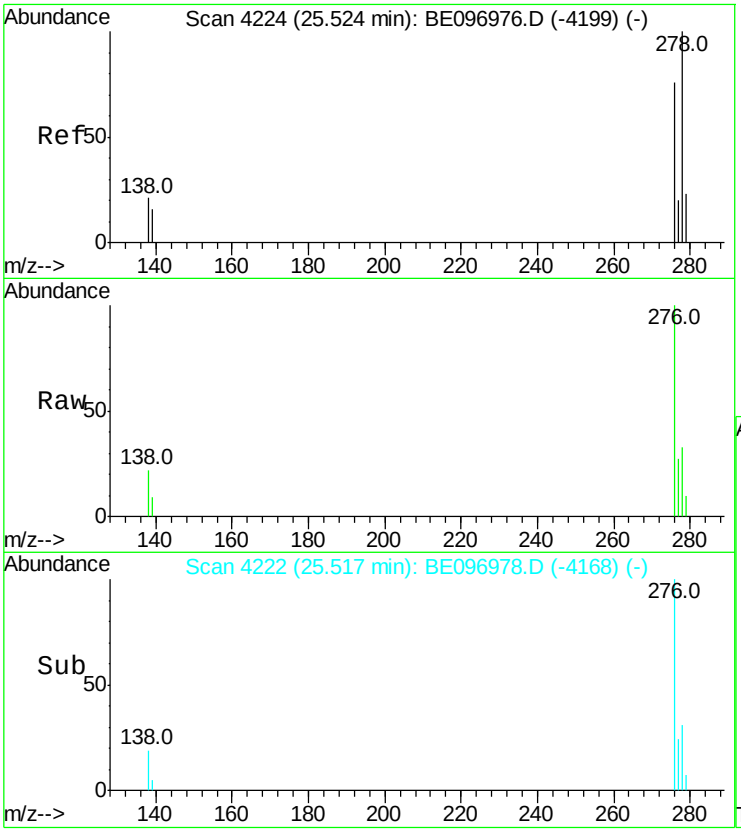


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.136 ng/ul
RT: 25.50 min Scan# 4216
Delta R.T. -0.01 min
Lab File: BE096978.D
Acq: 18 Jul 2018 4:00

Tgt Ion:276 Resp: 10724

Ion	Ratio	Lower	Upper
276	100		
138	19.5	28.0	42.0#
227	0.0	8.0	12.0#



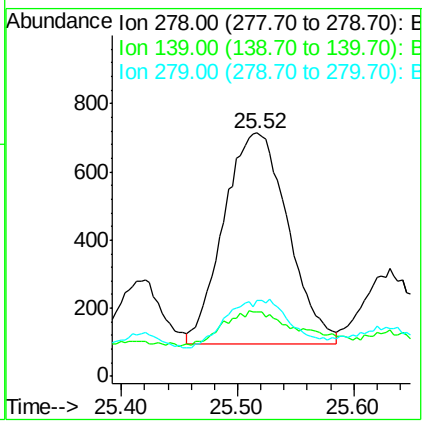


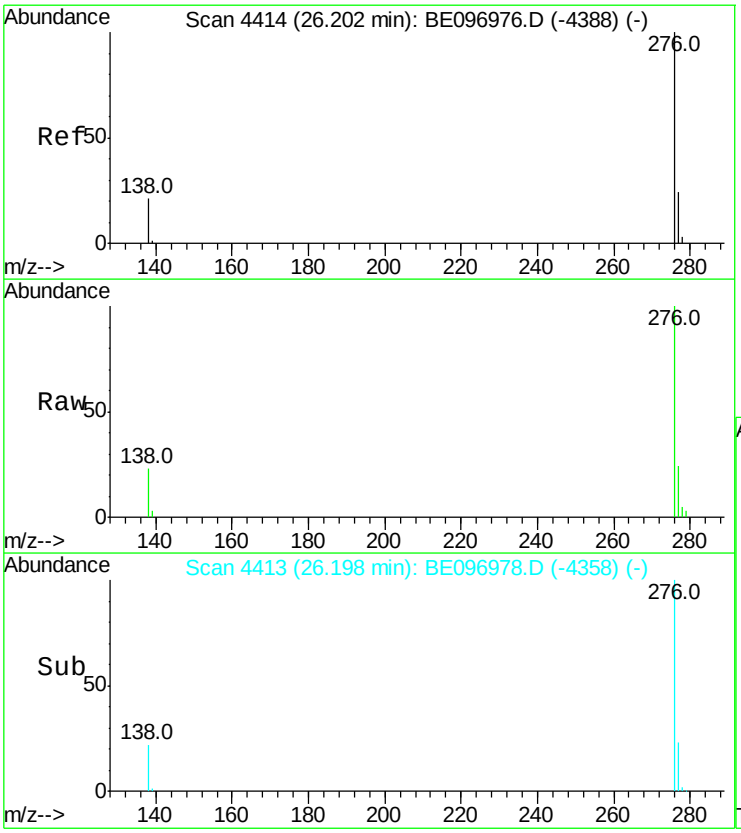
#25
Dibenzo(a,h)anthracene
Concen: 0.036 ng/ul
RT: 25.52 min Scan# 4222
Delta R.T. -0.01 min
Lab File: BE096978.D
Acq: 18 Jul 2018 4:00

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:278 Resp: 2367

Ion	Ratio	Lower	Upper
278	100		
139	26.3	17.4	26.0#
279	31.1	25.9	38.9





#26
Benzo(g,h,i)perylene
Concen: 0.159 ng/ul
RT: 26.20 min Scan# 4413
Delta R.T. -0.00 min
Lab File: BE096978.D
Acq: 18 Jul 2018 4:00

Tgt Ion:276 Resp: 11217

Ion	Ratio	Lower	Upper
276	100		
138	23.4	21.8	32.8
277	24.4	20.5	30.7