Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE042418\
Data File : BE096124.D
Acq On : 24 Apr 2018 17:55
Operator : SJ/JU
Sample : PB108446BL
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Apr 25 05:28:07 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE042418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 25 05:27:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.36	152	762	0.40	ng/ul	0.00
2) Naphthalene-d8	11.18	136	3005	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.95	164	1862	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.76	188	436692	0.40	ng/ul	0.11
16) Chrysene-d12	21.91	240	12	0.40	ng/ul	0.16
20) Perylene-d12	24.66	264	11	0.40	ng/ul	0.30
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.74	152	2049	0.37	ng/ul	0.00
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	
Target Compounds						Qvalue
9) Fluorene	15.93	166	400	0.044	ng/ul#	23
17) Pyrene	20.00	202	820	34.062	ng/ul#	1
18) Benzo(a)anthracene	21.87	228	10	0.275	ng/ul#	1
19) Chrysene	21.97	228	9	0.270	ng/ul#	1
21) Benzo(b)fluoranthene	23.83	252	8	0.192	ng/ul#	1
22) Benzo(k)fluoranthene	23.89	252	23	0.578	ng/ul#	1
23) Benzo(a)pyrene	24.54	252	15	0.415	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	27.45	276	16	0.328	ng/ul#	91
25) Dibenzo(a,h)anthracene	27.47	278	14	0.343	ng/ul#	1
26) Benzo(g,h,i)perylene	28.35	276	3	0.071	ng/ul#	1

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

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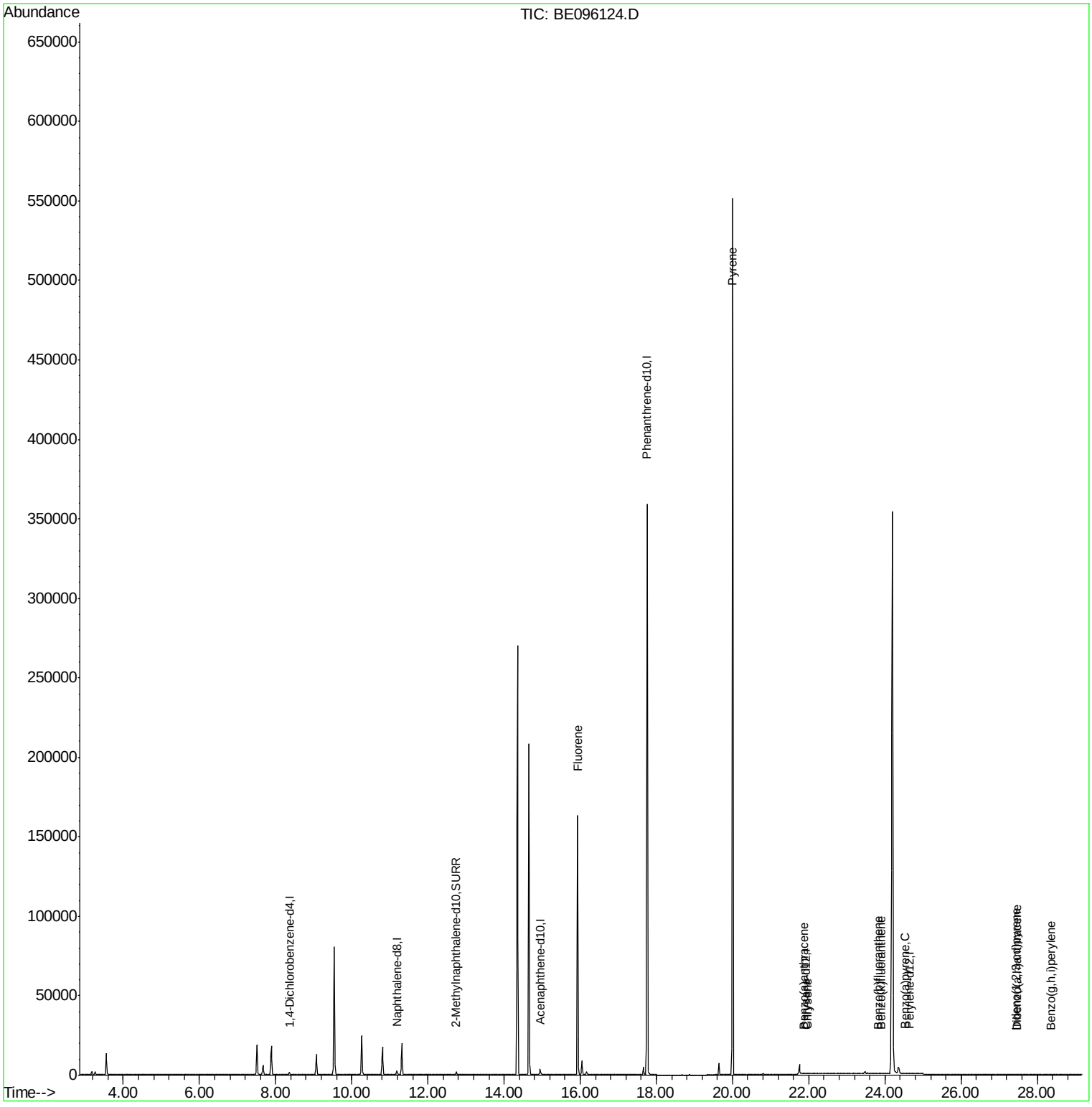
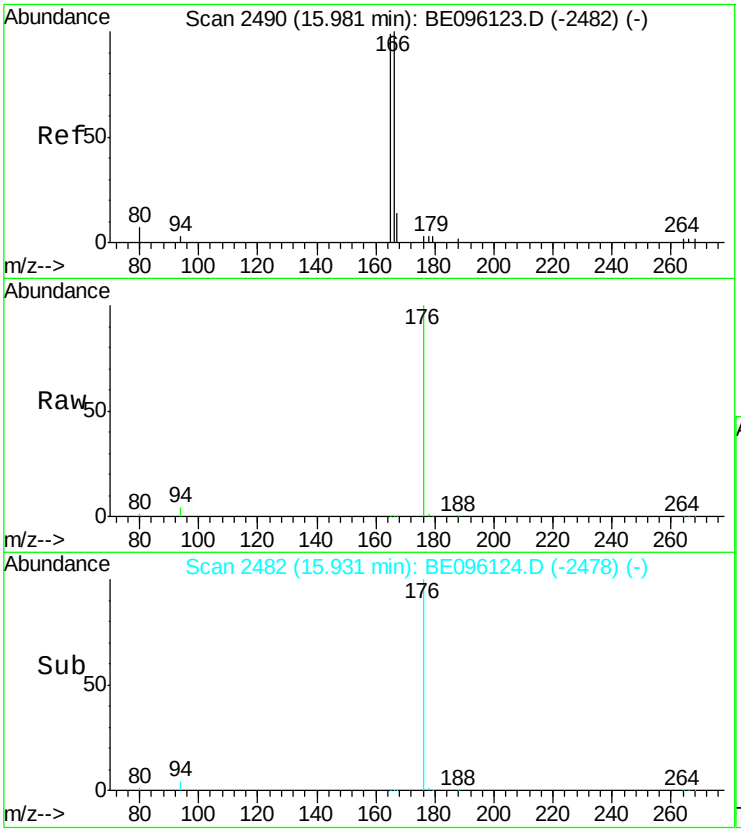
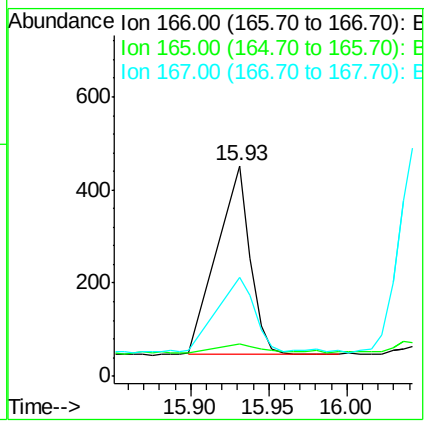


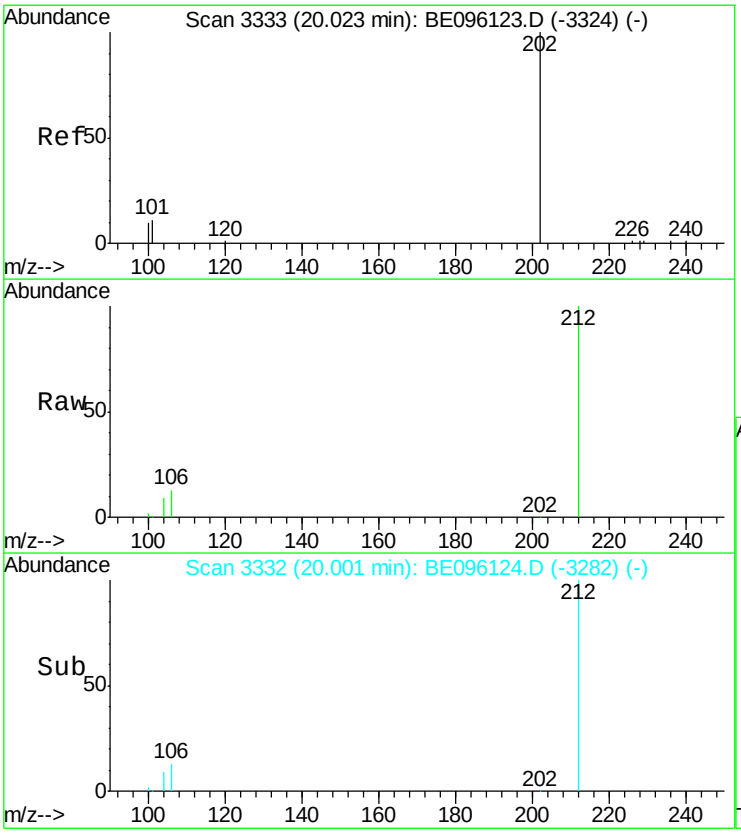


#9
Fluorene
Concen: 0.044 ng/ul
RT: 15.93 min Scan# 2482
Delta R.T. -0.05 min
Lab File: BE096124.D
Acq: 24 Apr 2018 17:55

Tgt Ion:166 Resp: 400

Ion	Ratio	Lower	Upper
166	100		
165	15.5	73.4	110.2#
167	46.9	14.6	22.0#

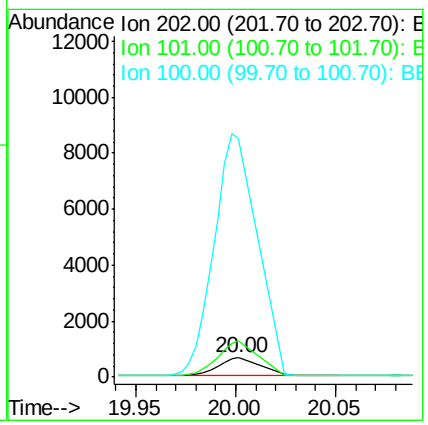


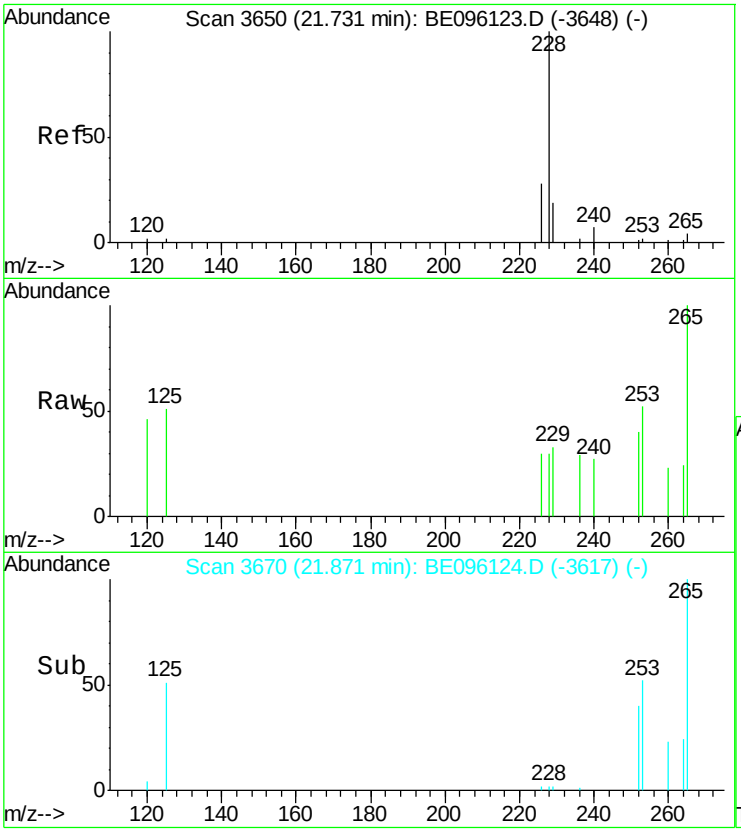


#17
Pyrene
Concen: 34.062 ng/ul
RT: 20.00 min Scan# 3332
Delta R.T. -0.02 min
Lab File: BE096124.D
Acq: 24 Apr 2018 17:55

Tgt Ion:202 Resp: 820

Ion	Ratio	Lower	Upper
202	100		
101	185.7	18.2	27.4#
100	1231.9	15.6	23.4#

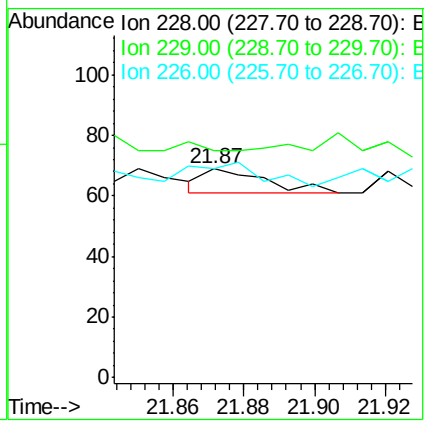


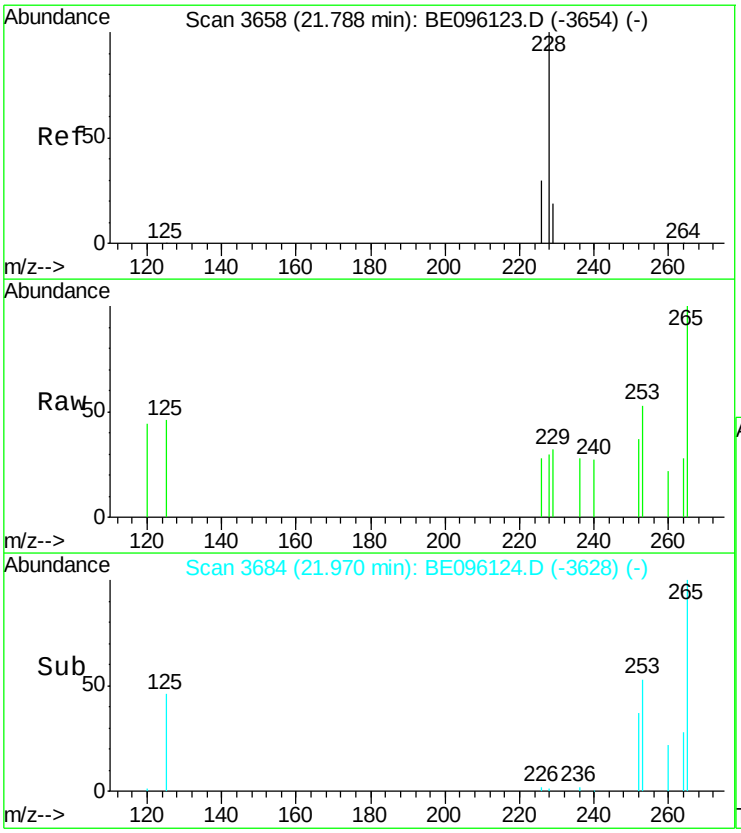


#18
Benzo(a)anthracene
Concen: 0.275 ng/ul
RT: 21.87 min Scan# 3670
Delta R.T. 0.14 min
Lab File: BE096124.D
Acq: 24 Apr 2018 17:55

Tgt Ion:228 Resp: 10

Ion	Ratio	Lower	Upper
228	100		
229	108.7	22.8	34.2#
226	100.0	17.0	25.6#

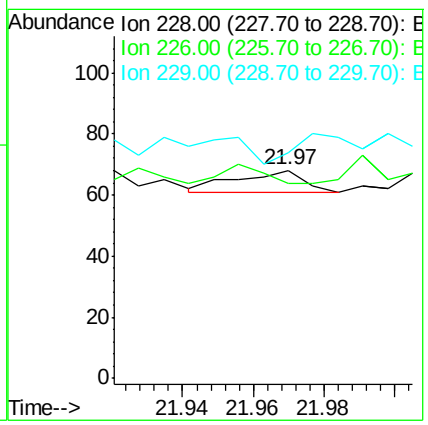


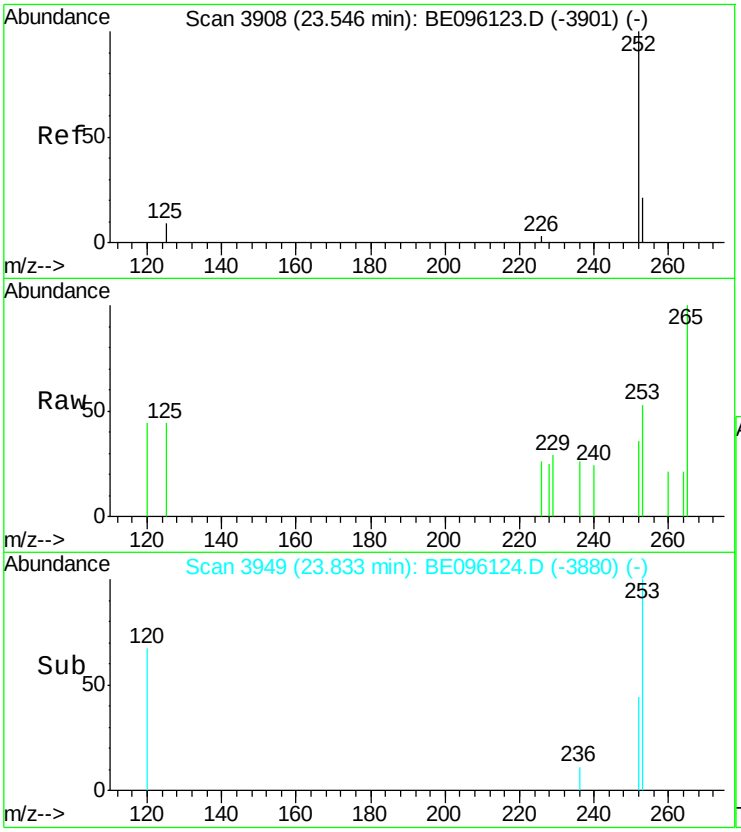


#19
Chrysene
Concen: 0.270 ng/ul
RT: 21.97 min Scan# 3684
Delta R.T. 0.18 min
Lab File: BE096124.D
Acq: 24 Apr 2018 17:55

Tgt Ion:228 Resp: 9

Ion	Ratio	Lower	Upper
228	100		
226	94.1	23.4	35.0#
229	108.8	17.7	26.5#

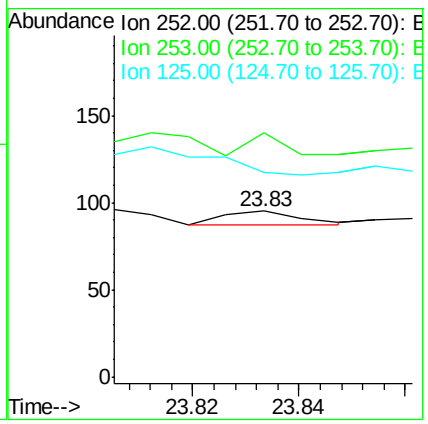


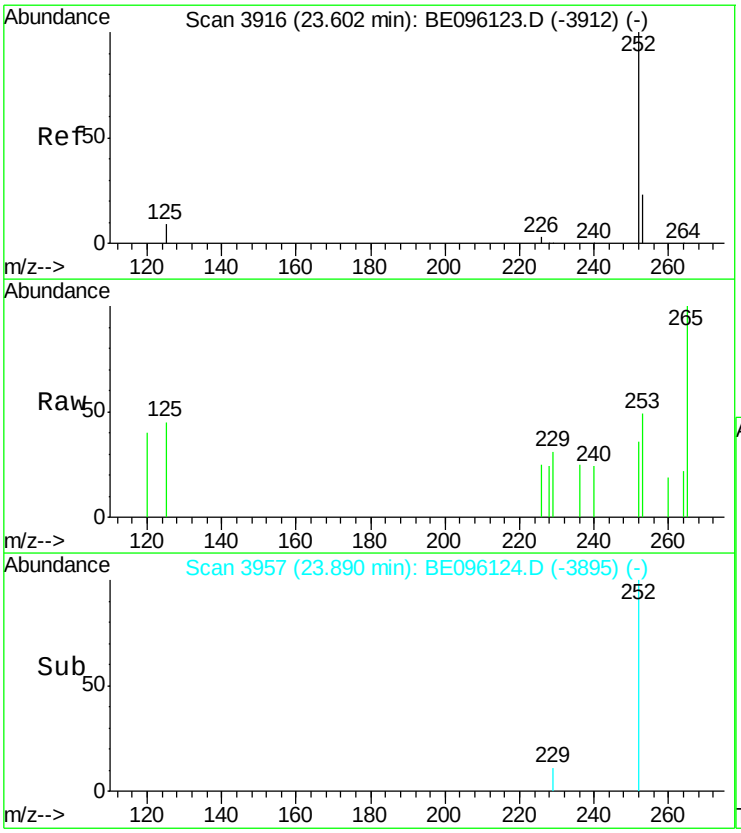


#21
Benzo(b)fluoranthene
Concen: 0.192 ng/ul
RT: 23.83 min Scan# 3949
Delta R.T. 0.29 min
Lab File: BE096124.D
Acq: 24 Apr 2018 17:55

Tgt Ion:252 Resp: 8

Ion	Ratio	Lower	Upper
252	100		
253	147.4	0.0	64.2#
125	123.2	0.0	35.0#

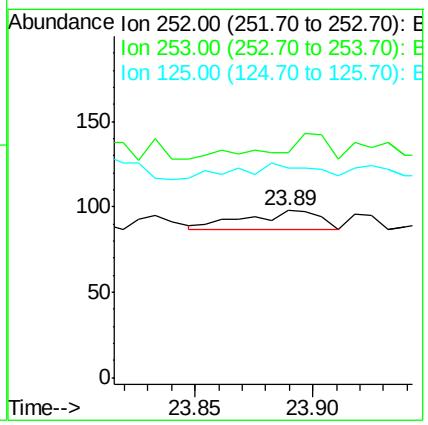


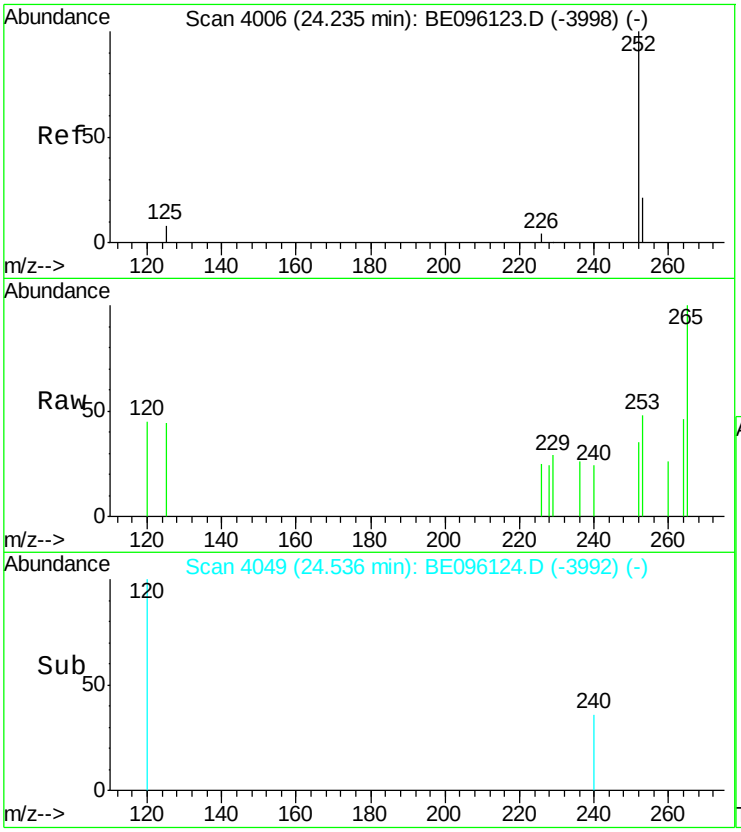


#22
Benzo(k)fluoranthene
Concen: 0.578 ng/ul
RT: 23.89 min Scan# 3957
Delta R.T. 0.29 min
Lab File: BE096124.D
Acq: 24 Apr 2018 17:55

Tgt Ion:252 Resp: 23

Ion	Ratio	Lower	Upper
252	100		
253	134.7	24.5	36.7#
125	125.5	13.7	20.5#

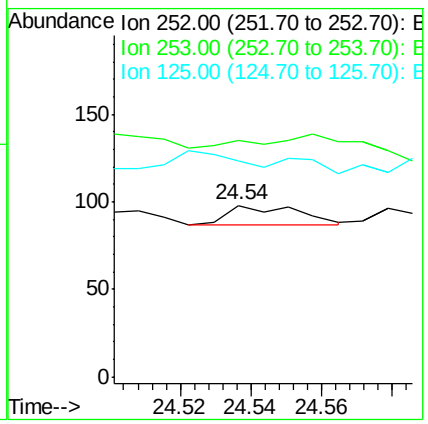


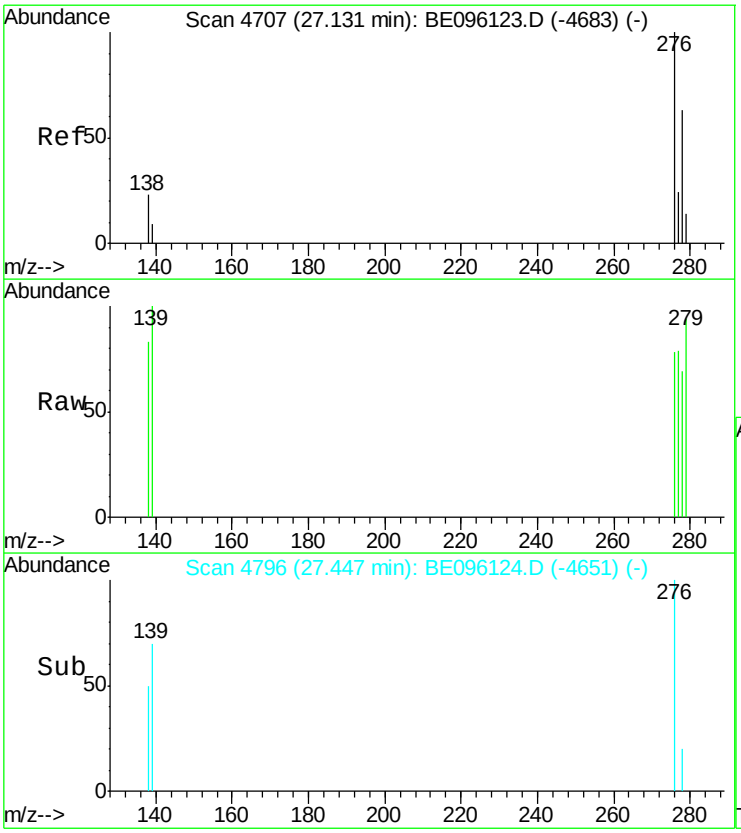


#23
Benzo(a)pyrene
Concen: 0.415 ng/ul
RT: 24.54 min Scan# 4049
Delta R.T. 0.30 min
Lab File: BE096124.D
Acq: 24 Apr 2018 17:55

Tgt Ion:252 Resp: 15

Ion	Ratio	Lower	Upper
252	100		
253	137.8	28.5	42.7#
125	125.5	18.1	27.1#

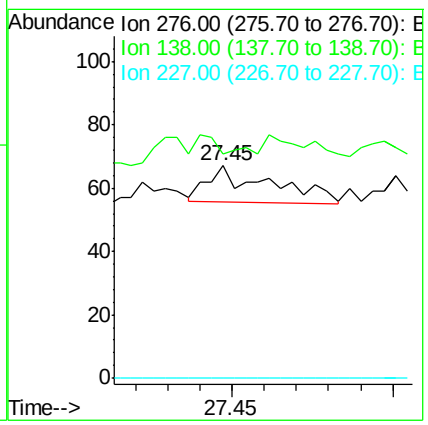


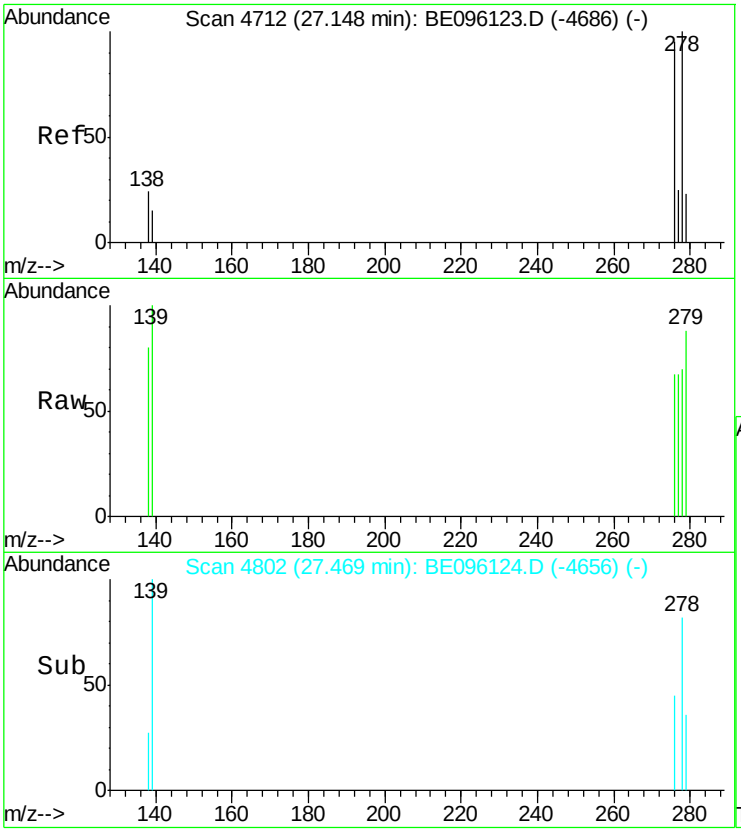


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.328 ng/ul
RT: 27.45 min Scan# 4796
Delta R.T. 0.32 min
Lab File: BE096124.D
Acq: 24 Apr 2018 17:55

Tgt Ion:276 Resp: 16

Ion	Ratio	Lower	Upper
276	100		
138	37.5	28.0	42.0
227	0.0	8.0	12.0#

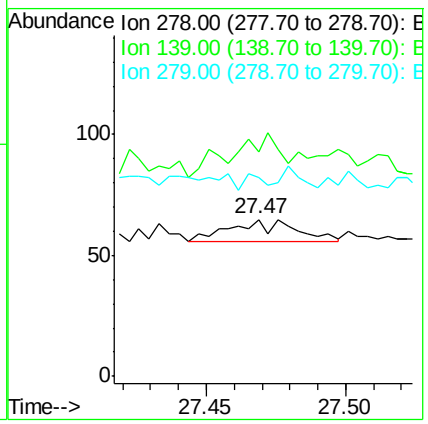


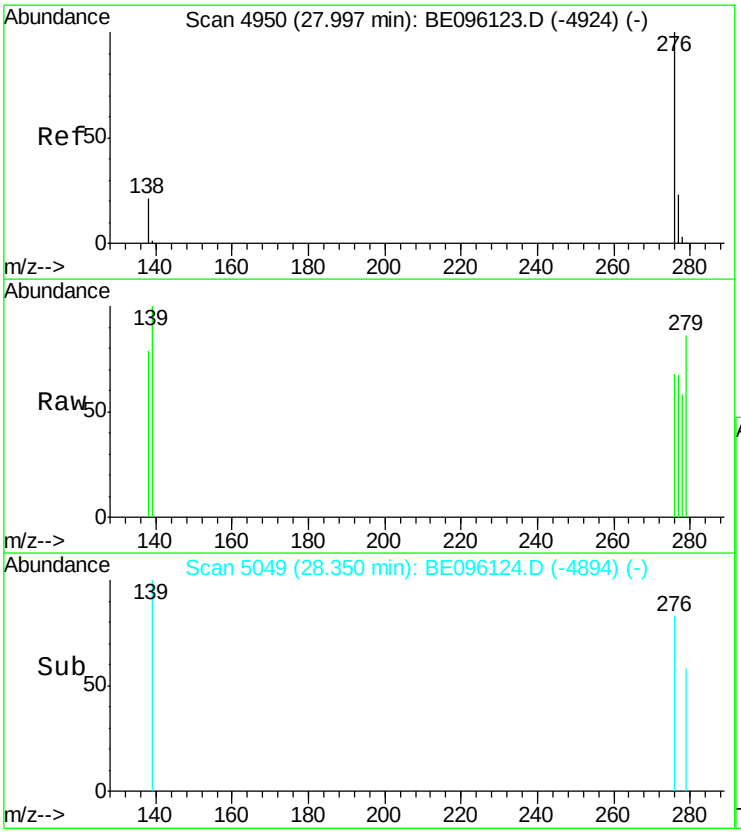


#25
Dibenzo(a,h)anthracene
Concen: 0.343 ng/ul
RT: 27.47 min Scan# 4802
Delta R.T. 0.32 min
Lab File: BE096124.D
Acq: 24 Apr 2018 17:55

Tgt Ion:278 Resp: 14

Ion	Ratio	Lower	Upper
278	100		
139	143.1	17.4	26.0#
279	126.2	25.9	38.9#





#26
Benzo(g,h,i)perylene
Concen: 0.071 ng/ul
RT: 28.35 min Scan# 5049
Delta R.T. 0.35 min
Lab File: BE096124.D
Acq: 24 Apr 2018 17:55

Tgt Ion:276 Resp: 3

Ion	Ratio	Lower	Upper
276	100		
138	116.9	21.8	32.8#
277	98.5	20.5	30.7#