Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE042318\
Data File : BE096092.D
Acq On : 23 Apr 2018 19:24
Operator : SJ/JU
Sample : J2355-12
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Apr 24 07:00:37 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 24 06:59:54 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.38	152	2111	0.40	ng/ul	0.00
2) Naphthalene-d8	11.20	136	6080	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.97	164	3534	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.77	188	398124	0.40	ng/ul	0.10
16) Chrysene-d12	21.93	240	18	0.40	ng/ul	0.16
20) Perylene-d12	24.58	264	219	0.40	ng/ul	0.21
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.76	152	2458	0.22	ng/ul	0.00
14) Fluoranthene-d10	19.74	212	39	0.00	ng/ul	0.09
Target Compounds						Qvalue
7) Acenaphthylene	14.70	152	748	0.041	ng/ul#	82
8) Acenaphthene	15.03	153	359	0.027	ng/ul#	85
9) Fluorene	15.99	166	903	0.061	ng/ul	90
17) Pyrene	20.04	202	30109	492.261	ng/ul#	80
18) Benzo(a)anthracene	21.94	228	638	8.773	ng/ul#	33
19) Chrysene	21.80	228	9237	176.487	ng/ul	96
21) Benzo(b)fluoranthene	23.77	252	1104	1.558	ng/ul#	47
22) Benzo(k)fluoranthene	23.77	252	1104	1.564	ng/ul#	44
23) Benzo(a)pyrene	24.44	252	1184	1.731	ng/ul#	70
24) Indeno(1,2,3-cd)pyrene	27.30	276	70	0.092	ng/ul#	61
25) Dibenzo(a,h)anthracene	27.49	278	721	1.178	ng/ul#	44
26) Benzo(g,h,i)perylene	28.27	276	15	0.024	ng/ul#	1

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

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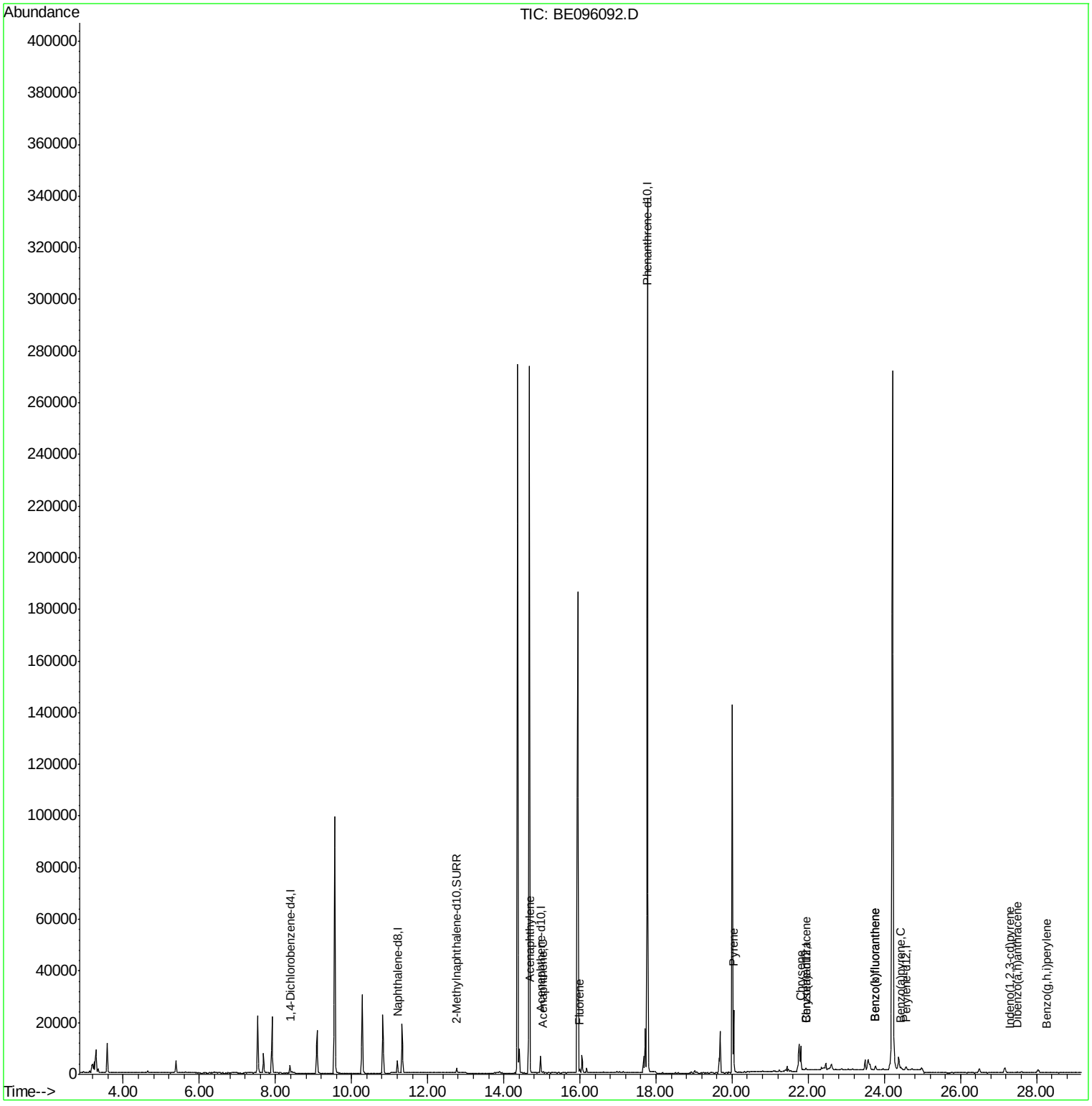
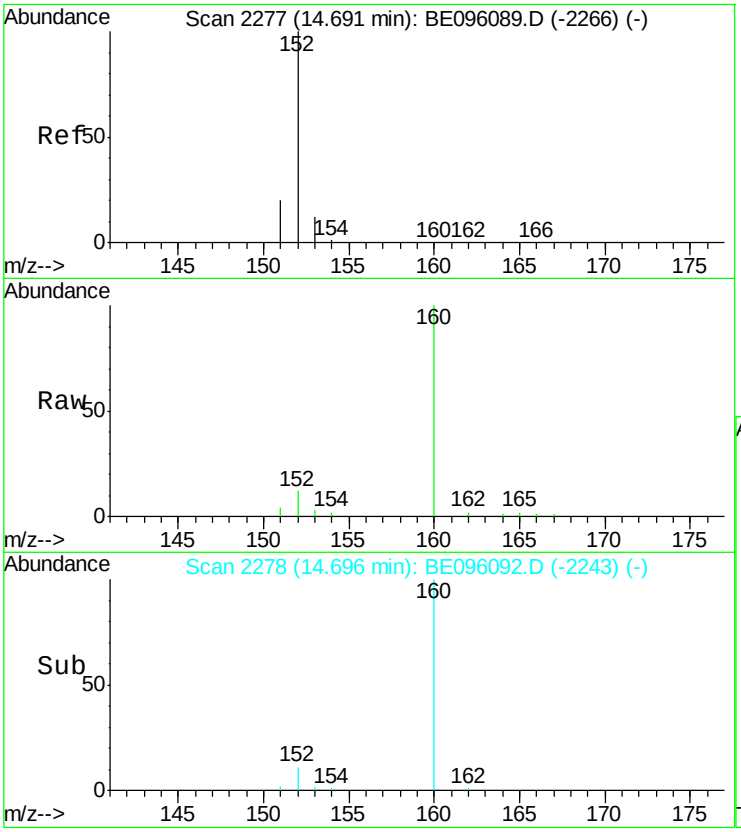


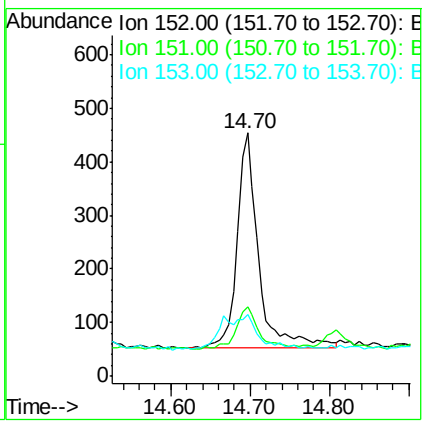


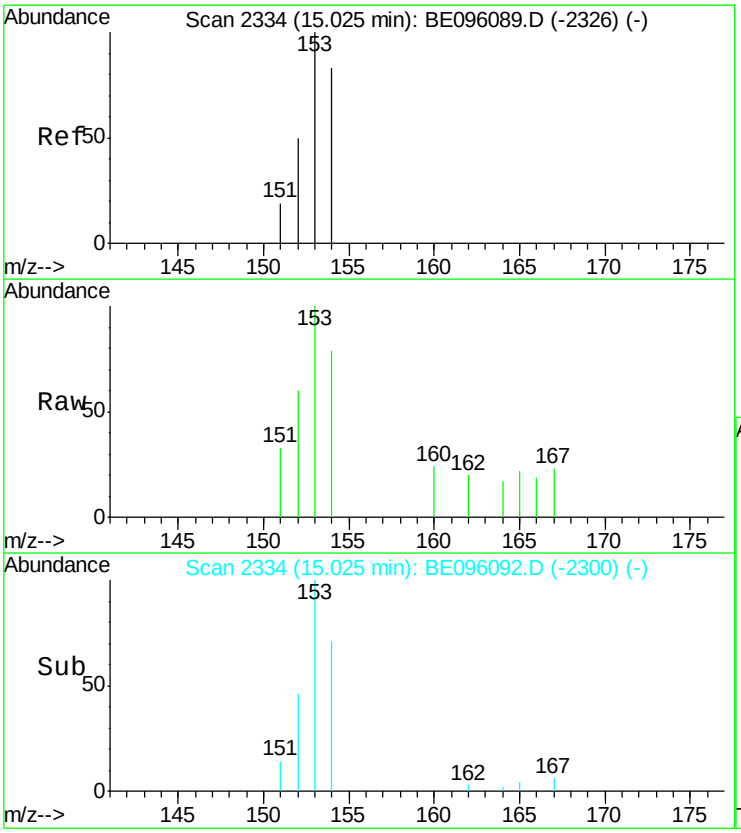
#7
Acenaphthylene
Concen: 0.041 ng/ul
RT: 14.70 min Scan# 2278
Delta R.T. 0.01 min
Lab File: BE096092.D
Acq: 23 Apr 2018 19:24

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 748

Ion	Ratio	Lower	Upper
152	100		
151	28.6	17.1	25.7#
153	25.1	12.8	19.2#

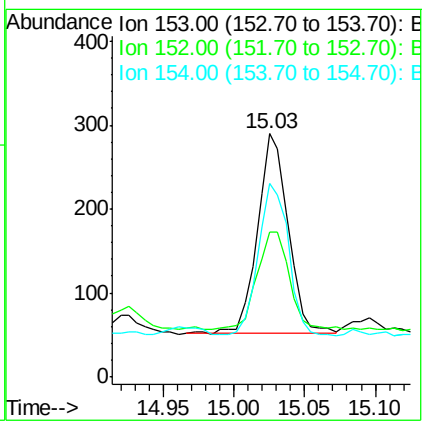


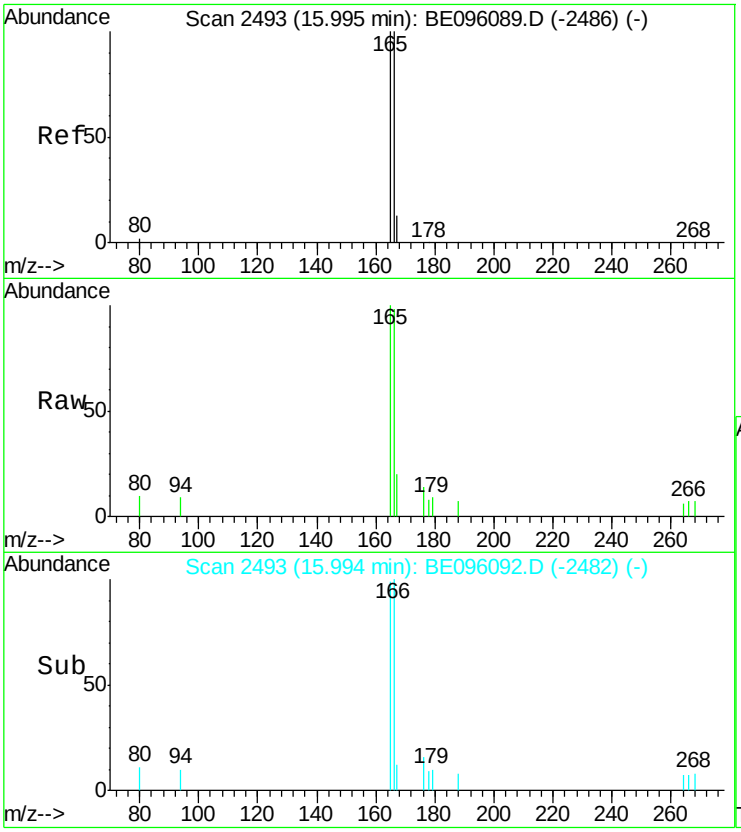


#8
Acenaphthene
Concen: 0.027 ng/ul
RT: 15.03 min Scan# 2334
Delta R.T. -0.00 min
Lab File: BE096092.D
Acq: 23 Apr 2018 19:24

Tgt Ion:153 Resp: 359

Ion	Ratio	Lower	Upper
153	100		
152	59.7	36.0	54.0#
154	79.3	72.0	108.0



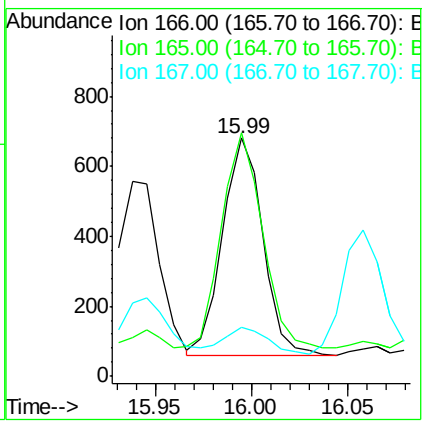


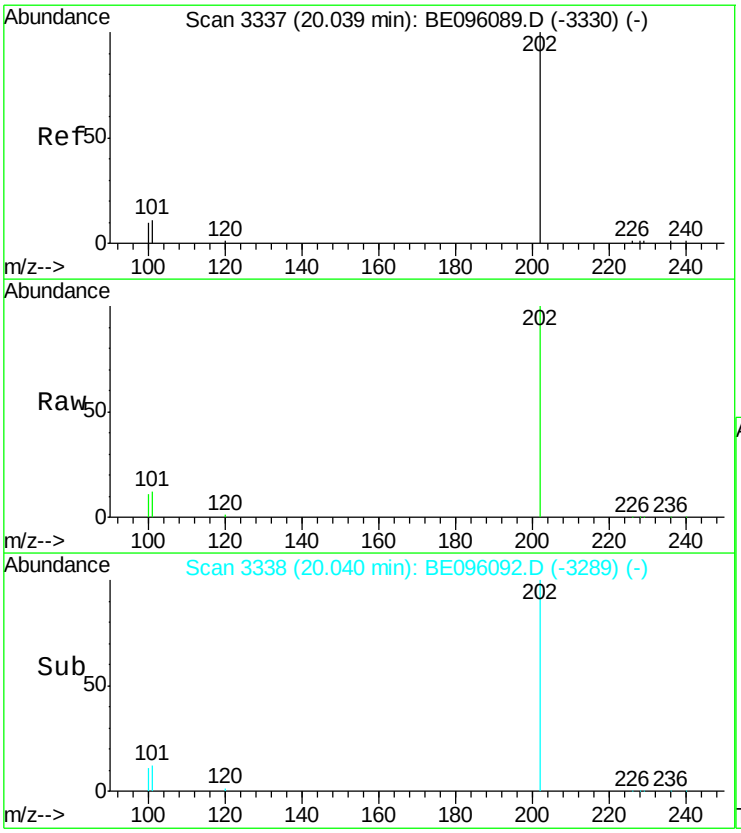
#9
Fluorene
Concen: 0.061 ng/ul
RT: 15.99 min Scan# 2493
Delta R.T. -0.00 min
Lab File: BE096092.D
Acq: 23 Apr 2018 19:24

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:166 Resp: 903

Ion	Ratio	Lower	Upper
166	100		
165	102.4	73.4	110.2
167	20.4	14.6	22.0

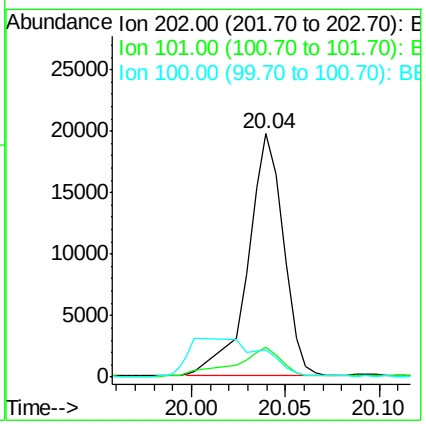


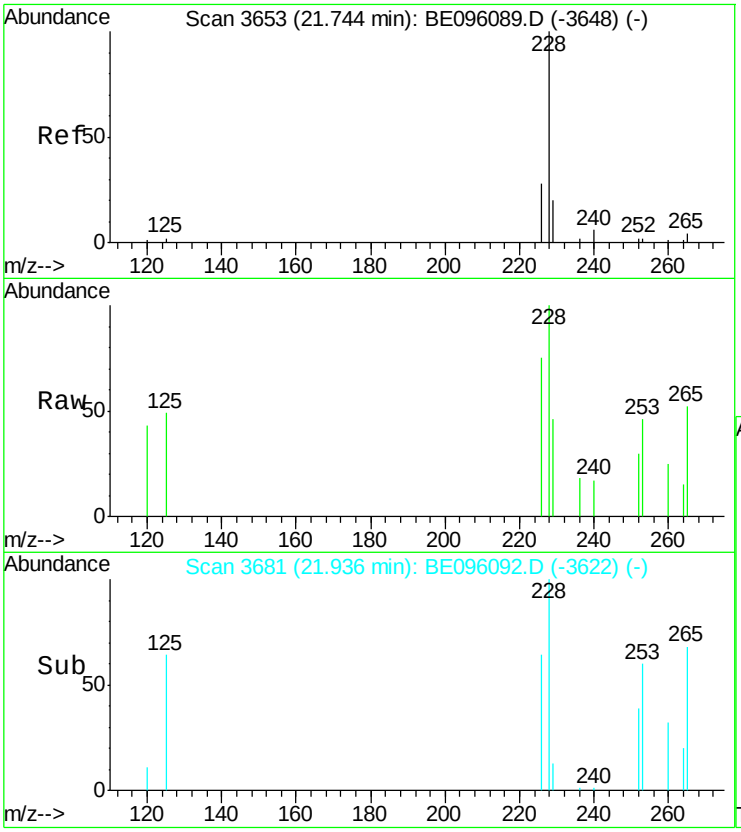


#17
Pyrene
Concen: 492.261 ng/ul
RT: 20.04 min Scan# 3338
Delta R.T. 0.00 min
Lab File: BE096092.D
Acq: 23 Apr 2018 19:24

Tgt Ion:202 Resp: 30109

Ion	Ratio	Lower	Upper
202	100		
101	12.3	18.2	27.4#
100	11.1	15.6	23.4#



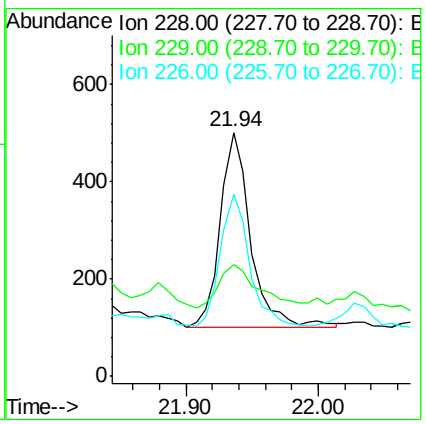


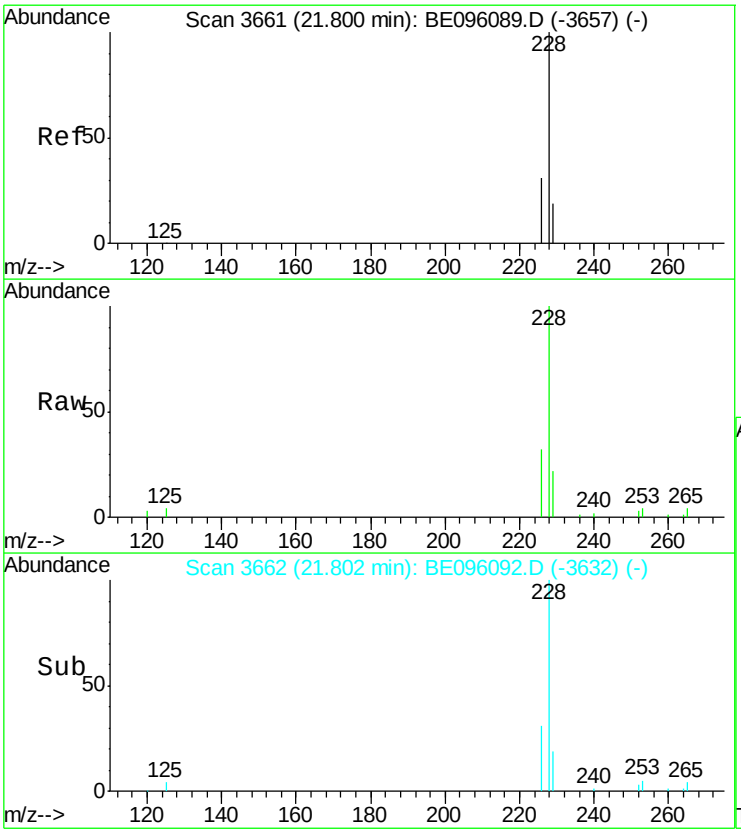
#18
Benzo(a)anthracene
Concen: 8.773 ng/ul
RT: 21.94 min Scan# 3681
Delta R.T. 0.19 min
Lab File: BE096092.D
Acq: 23 Apr 2018 19:24

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 638

Ion	Ratio	Lower	Upper
228	100		
229	45.7	22.8	34.2#
226	74.9	17.0	25.6#

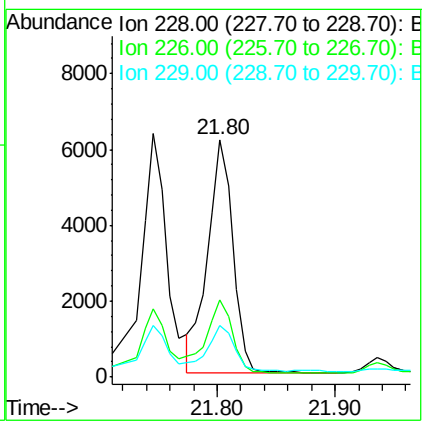


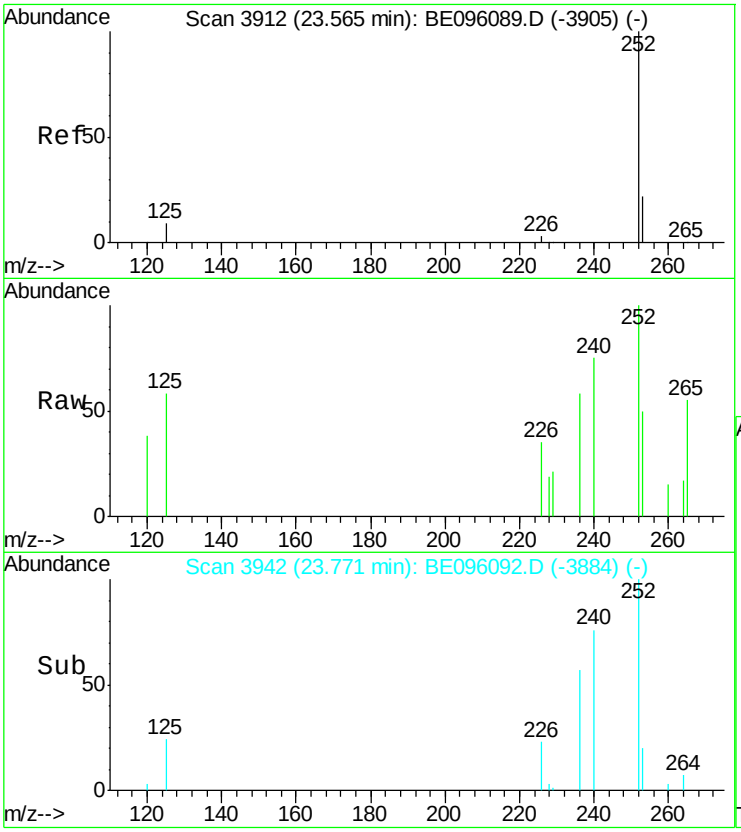


#19
Chrysene
Concen: 176.487 ng/ul
RT: 21.80 min Scan# 3662
Delta R.T. 0.00 min
Lab File: BE096092.D
Acq: 23 Apr 2018 19:24

Tgt Ion:228 Resp: 9237

Ion	Ratio	Lower	Upper
228	100		
226	32.4	23.4	35.0
229	21.6	17.7	26.5



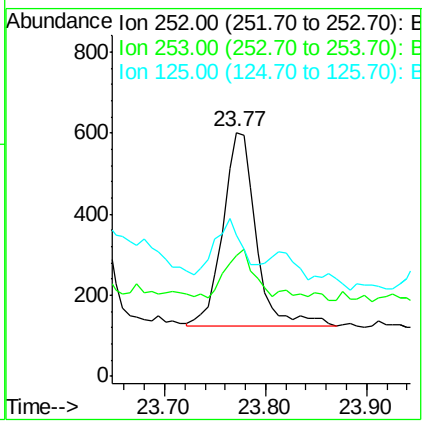


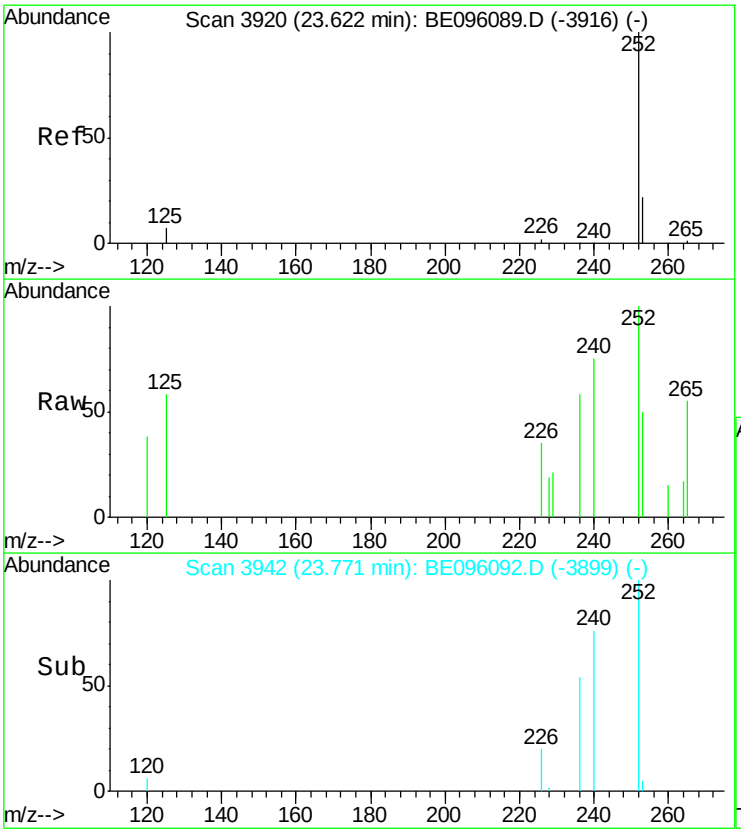
#21
Benzo(b)fluoranthene
Concen: 1.558 ng/ul
RT: 23.77 min Scan# 3942
Delta R.T. 0.21 min
Lab File: BE096092.D
Acq: 23 Apr 2018 19:24

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 1104

Ion	Ratio	Lower	Upper
252	100		
253	49.6	0.0	64.2
125	57.9	0.0	35.0#

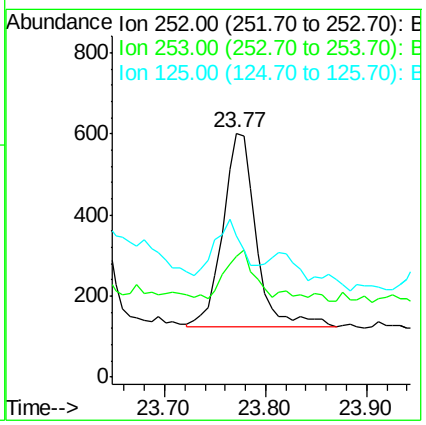


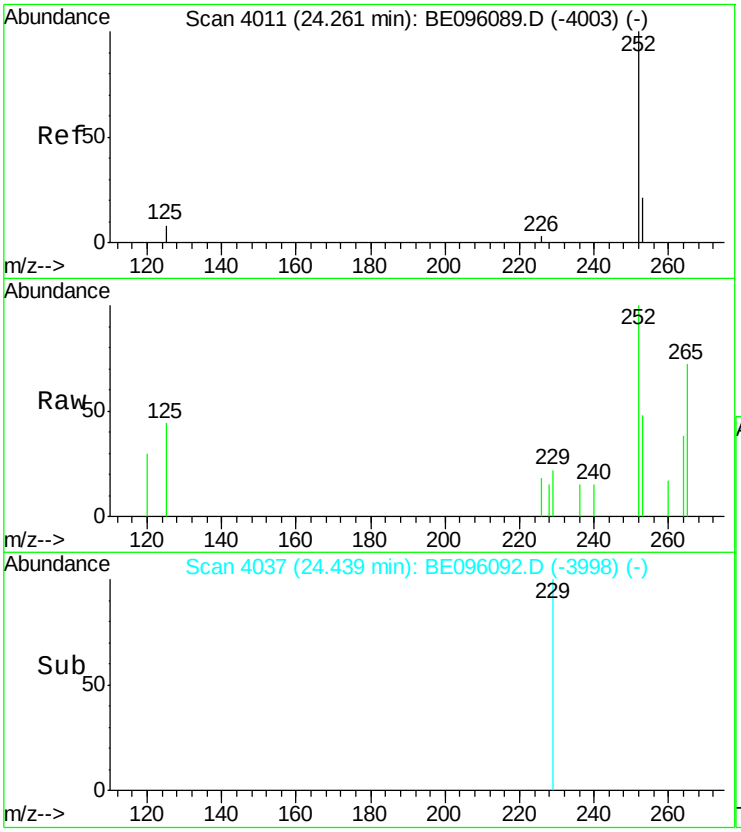


#22
Benzo(k)fluoranthene
Concen: 1.564 ng/ul
RT: 23.77 min Scan# 3942
Delta R.T. 0.15 min
Lab File: BE096092.D
Acq: 23 Apr 2018 19:24

Tgt Ion:252 Resp: 1104

Ion	Ratio	Lower	Upper
252	100		
253	49.6	24.5	36.7#
125	57.9	13.7	20.5#



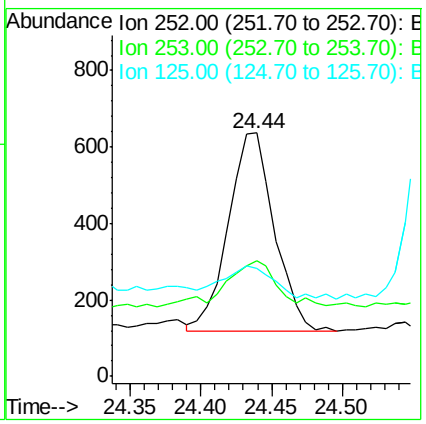


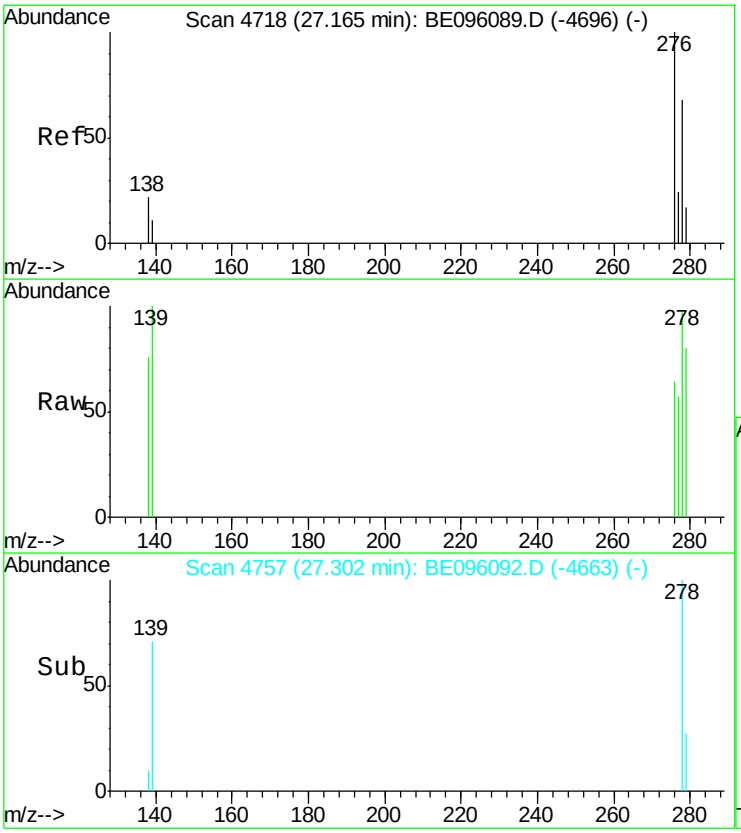
#23
Benzo(a)pyrene
Concen: 1.731 ng/ul
RT: 24.44 min Scan# 4037
Delta R.T. 0.18 min
Lab File: BE096092.D
Acq: 23 Apr 2018 19:24

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 1184

Ion	Ratio	Lower	Upper
252	100		
253	47.6	28.5	42.7#
125	44.3	18.1	27.1#

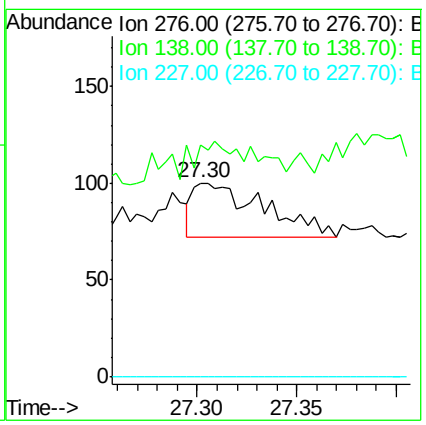


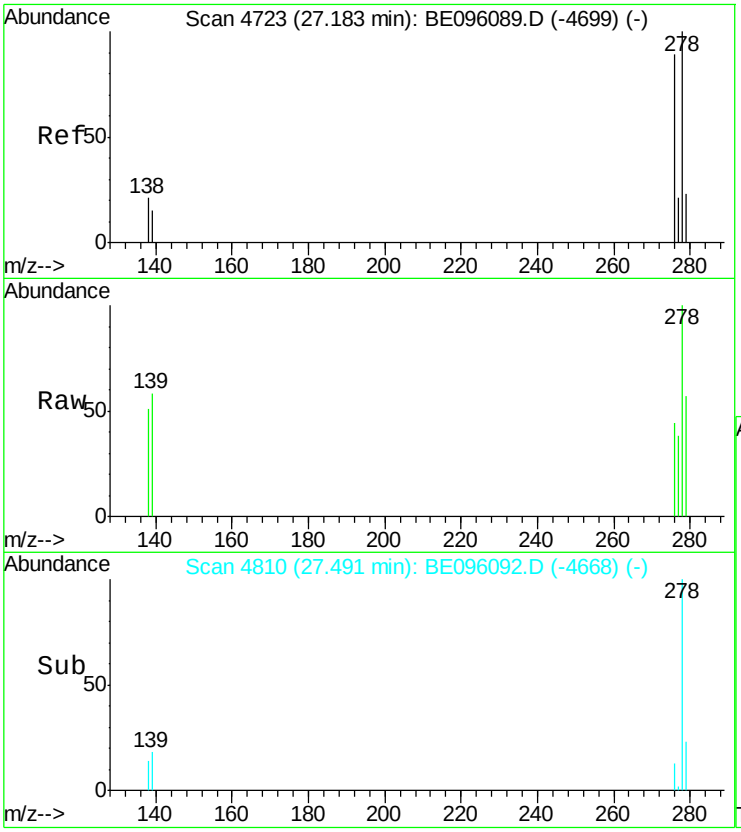


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.092 ng/ul
RT: 27.30 min Scan# 4757
Delta R.T. 0.14 min
Lab File: BE096092.D
Acq: 23 Apr 2018 19:24

Tgt Ion:276 Resp: 70

Ion	Ratio	Lower	Upper
276	100		
138	60.0	28.0	42.0#
227	0.0	8.0	12.0#



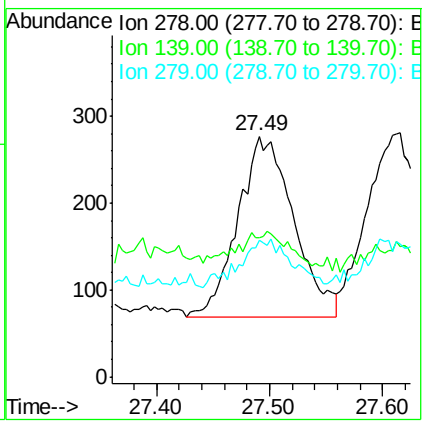


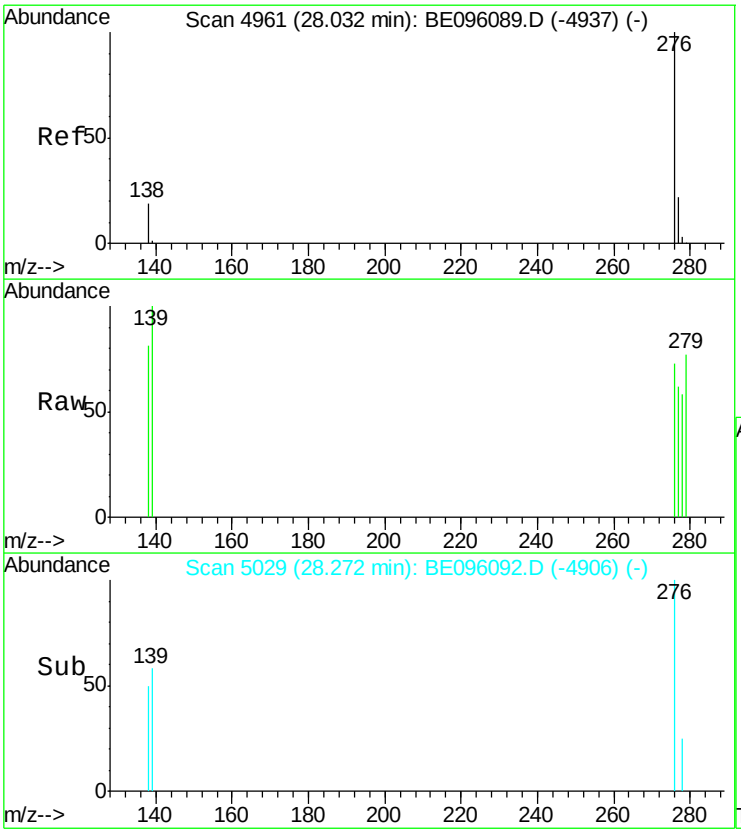
#25
Dibenzo(a,h)anthracene
Concen: 1.178 ng/ul
RT: 27.49 min Scan# 4810
Delta R.T. 0.31 min
Lab File: BE096092.D
Acq: 23 Apr 2018 19:24

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:278 Resp: 721

Ion	Ratio	Lower	Upper
278	100		
139	57.8	17.4	26.0#
279	56.7	25.9	38.9#





#26
Benzo(g,h,i)perylene
Concen: 0.024 ng/ul
RT: 28.27 min Scan# 5029
Delta R.T. 0.24 min
Lab File: BE096092.D
Acq: 23 Apr 2018 19:24

Tgt Ion:276 Resp: 15

Ion	Ratio	Lower	Upper
276	100		
138	111.0	21.8	32.8#
277	85.0	20.5	30.7#