Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM060616\
Data File : BM005665.D
Acq On : 06 Jun 2016 12:11
Operator : UM/SJ
Sample : H3412-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9XS6

Quant Time: Jun 07 04:25:42 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM060216.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 07 04:25:20 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	86015	20.00	ng/ul	0.00
7) Naphthalene-d8	10.55	136	400749	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.40	164	212692	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.14	188	393132	20.00	ng/ul	0.00
29) Chrysene-d12	21.33	240	335940	20.00	ng/ul	0.00
34) Perylene-d12	23.59	264	353711	20.00	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.22	96	2709	1.32	ng/uL	0.00
3) Phenol-d5	6.94	99	87016	11.51	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.09	67	71292	15.49	ng/ul	0.00
5) 2-Chlorophenol-d4	7.29	132	82794	13.27	ng/ul	0.00
6) 4-Methylphenol-d8	8.47	113	32548	5.44	ng/ul	0.00
8) Nitrobenzene-d5	8.92	128	42824	13.92	ng/ul	0.00
9) 2-Nitrophenol-d4	9.64	143	42710	12.97	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.18	165	69666	11.90	ng/ul	0.00
12) 4-Chloroaniline-d4	10.69	131	85319	12.27	ng/ul	0.00
16) Dimethylphthalate-d6	13.81	166	247539	15.14	ng/ul	0.00
17) Acenaphthylene-d8	14.09	160	318715	14.99	ng/ul	0.00
20) 4-Nitrophenol-d4	14.63	143	11417	4.88	ng/ul	0.00
21) Fluorene-d10	15.39	176	214705	15.29	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.53	200	8518	4.60	ng/ul	0.00
26) Anthracene-d10	17.24	188	279378	14.96	ng/ul	0.00
30) Pyrene-d10	19.54	212	269249	15.95	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.44	264	226937	13.94	ng/ul	0.00
Target Compounds						Qvalue
25) Phenanthrene	17.19	178	27432	1.26	ng/ul	98
28) Fluoranthene	19.20	202	66768	3.01	ng/ul	98
31) Pyrene	19.56	202	59501	2.81	ng/ul	98
32) Benzo(a)anthracene	21.31	228	43862	2.23	ng/ul	97
33) Chrysene	21.36	228	48613	2.61	ng/ul	98
35) Benzo(b)fluoranthene	22.91	252	72237	3.39	ng/ul	97
36) Benzo(k)fluoranthene	22.91	252	72237	3.61	ng/ul	96
38) Benzo(a)pyrene	23.49	252	37356	1.82	ng/ul#	96
39) Indeno(1,2,3-cd)pyrene	25.87	276	29643	1.22	ng/ul#	93
41) Benzo(g,h,i)perylene	26.57	276	27802	1.36	ng/ul#	96

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

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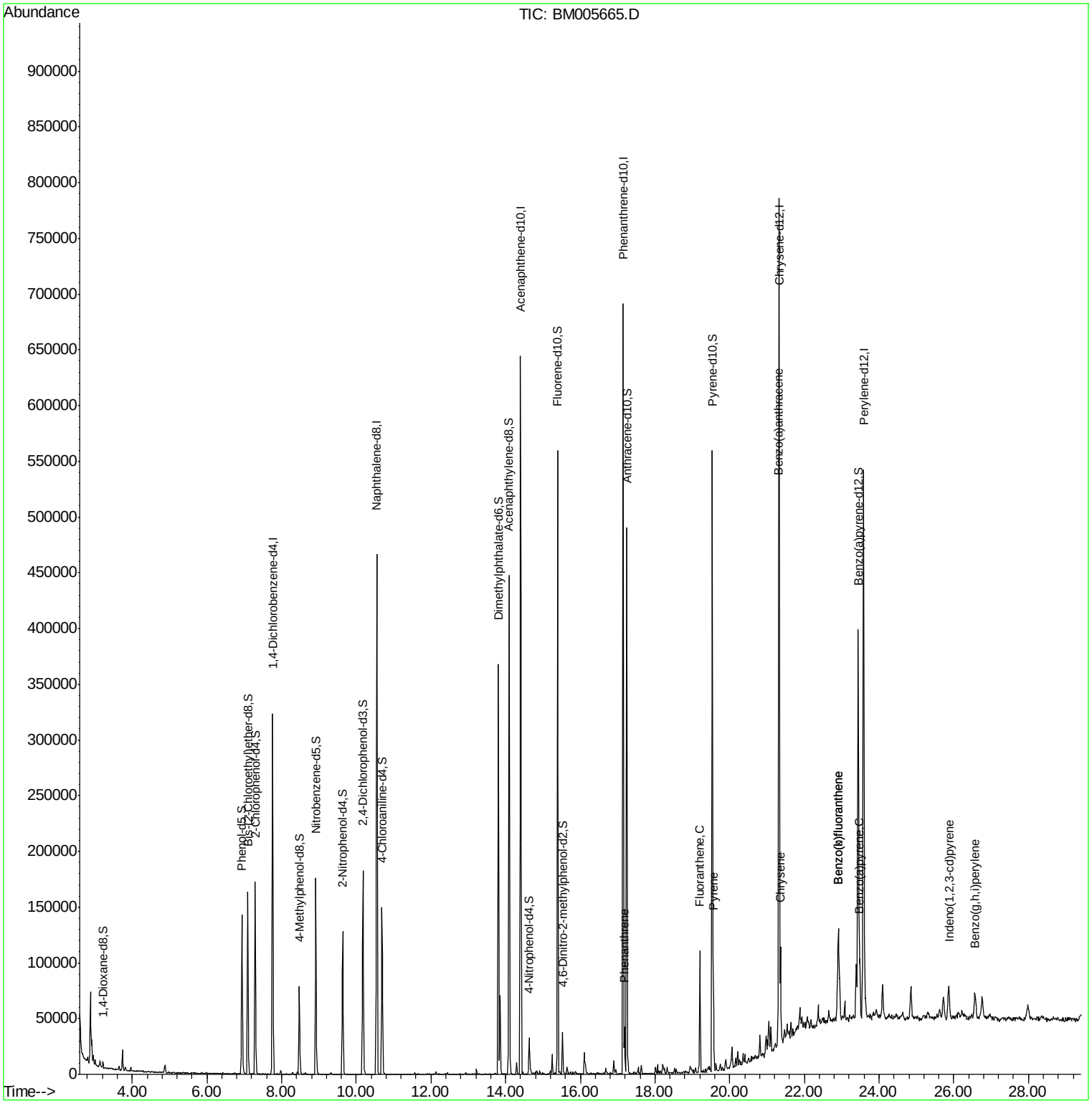
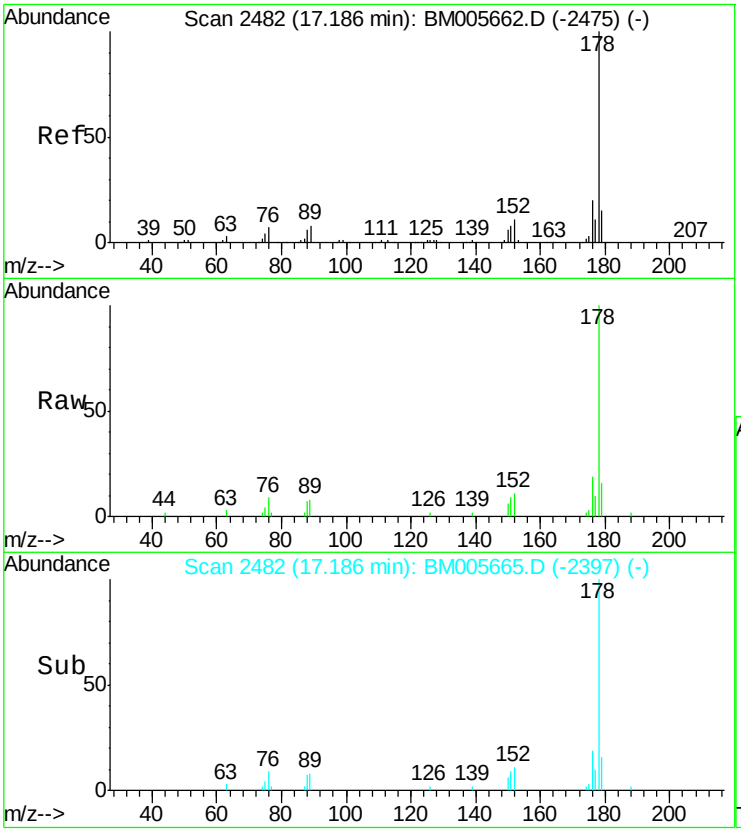


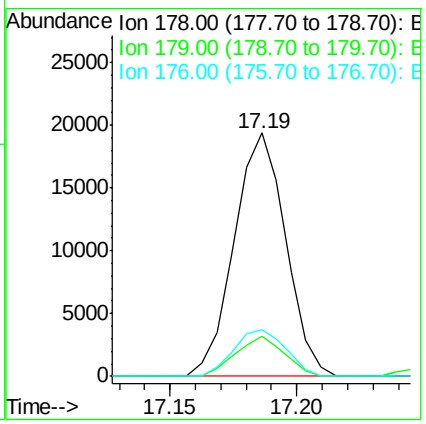


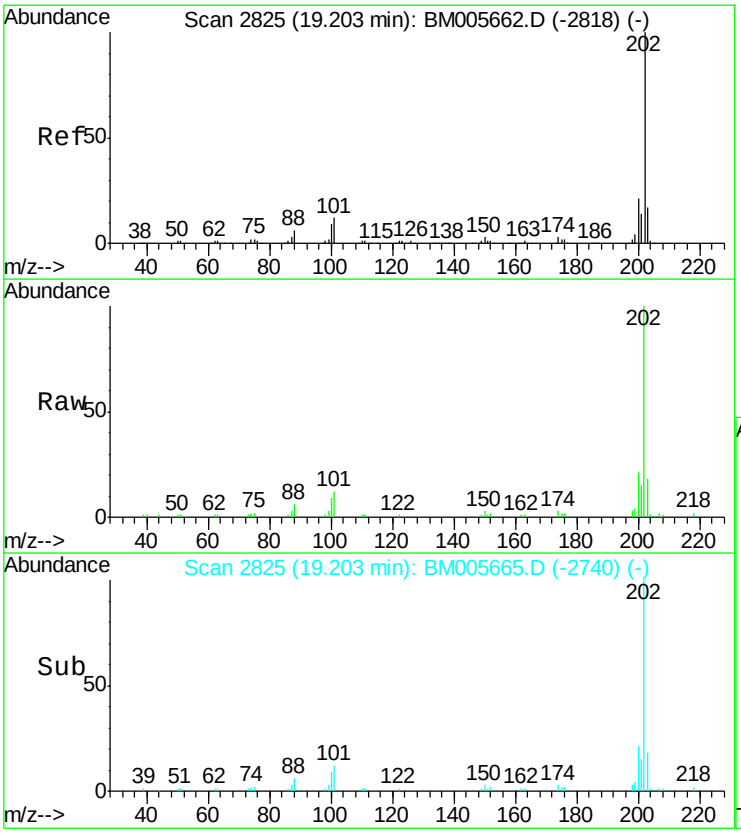
#25
Phenanthrene
Concen: 1.26 ng/ul
RT: 17.19 min Scan# 2482
Delta R.T. 0.00 min
Lab File: BM005665.D
Acq: 06 Jun 2016 12:11

Instrument :
BNA_M
ClientSampleId :
D9XS6

Tgt Ion:178 Resp: 27432

Ion	Ratio	Lower	Upper
178	100		
179	16.2	11.8	17.8
176	19.2	14.8	22.2

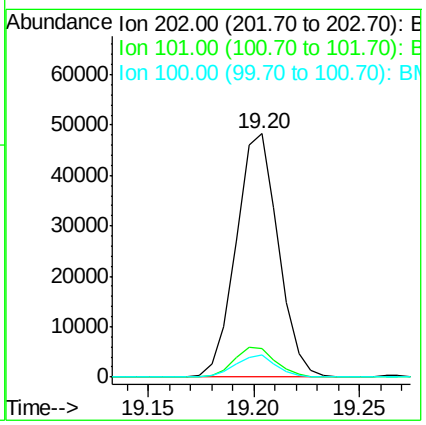


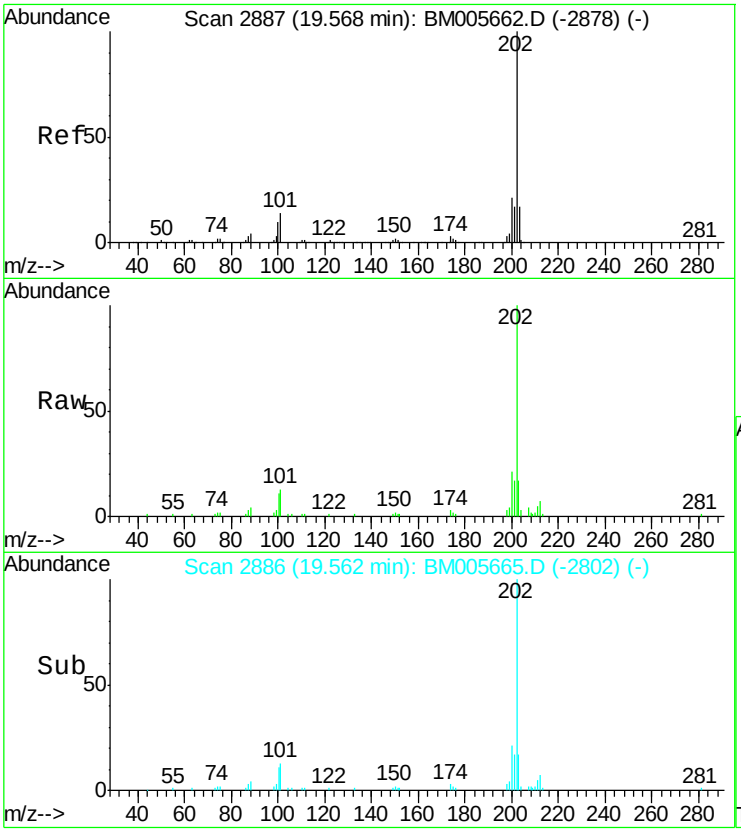


#28
Fluoranthene
Concen: 3.01 ng/ul
RT: 19.20 min Scan# 2825
Delta R.T. 0.00 min
Lab File: BM005665.D
Acq: 06 Jun 2016 12:11

Tgt Ion:202 Resp: 66768

Ion	Ratio	Lower	Upper
202	100		
101	11.9	8.9	13.3
100	9.0	7.0	10.4



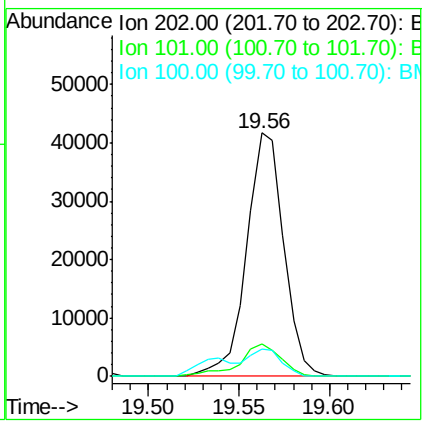


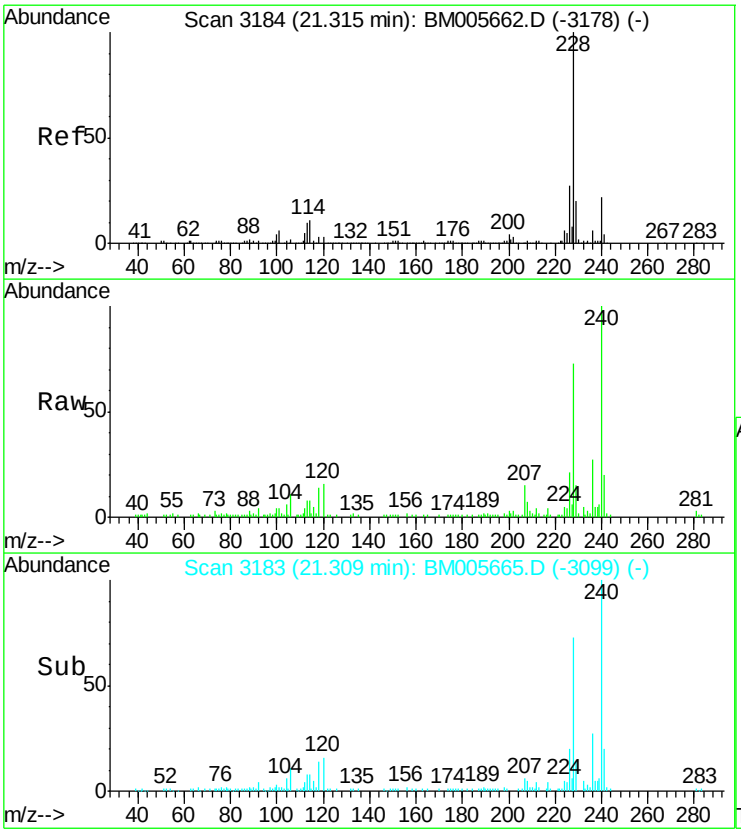
#31
Pyrene
Concen: 2.81 ng/ul
RT: 19.56 min Scan# 2886
Delta R.T. -0.01 min
Lab File: BM005665.D
Acq: 06 Jun 2016 12:11

Instrument :
BNA_M
ClientSampleId :
D9XS6

Tgt Ion:202 Resp: 59501

Ion	Ratio	Lower	Upper
202	100		
101	13.3	9.8	14.8
100	11.0	9.3	13.9

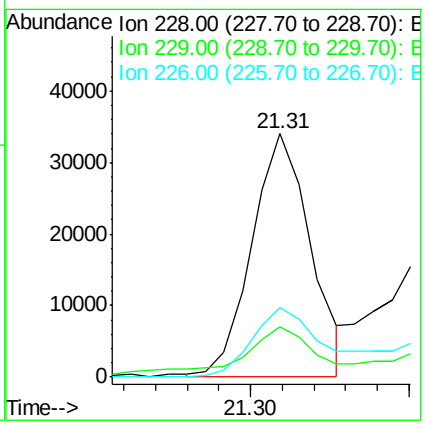


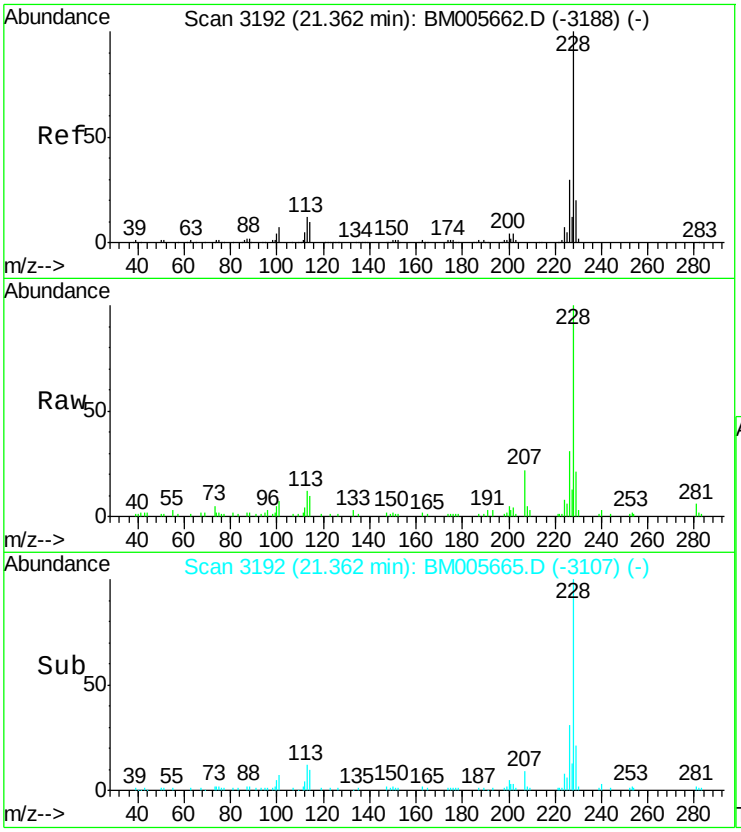


#32
Benzo(a)anthracene
Concen: 2.23 ng/ul
RT: 21.31 min Scan# 3183
Delta R.T. -0.01 min
Lab File: BM005665.D
Acq: 06 Jun 2016 12:11

Tgt Ion:228 Resp: 43862

Ion	Ratio	Lower	Upper
228	100		
229	20.6	16.6	25.0
226	28.6	21.0	31.4



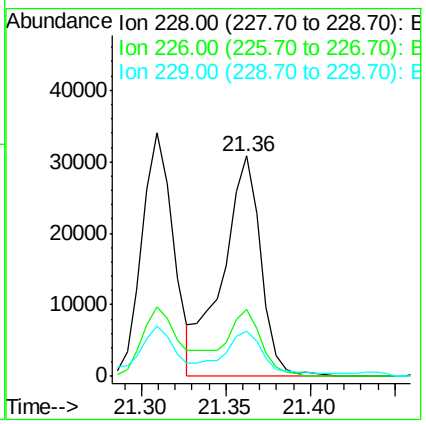


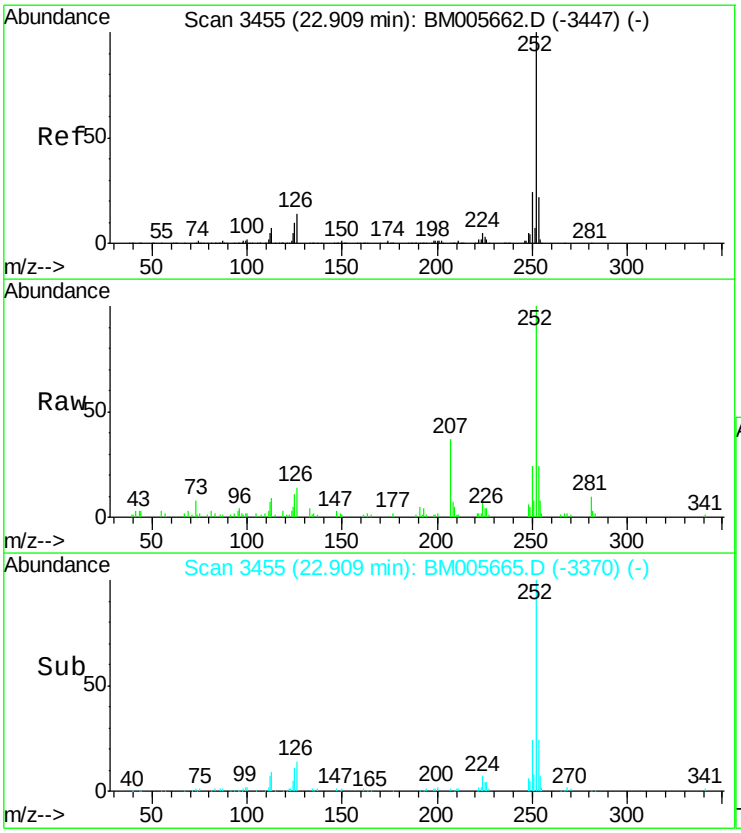
#33
Chrysene
Concen: 2.61 ng/ul
RT: 21.36 min Scan# 3192
Delta R.T. 0.00 min
Lab File: BM005665.D
Acq: 06 Jun 2016 12:11

Instrument :
BNA_M
ClientSampleId :
D9XS6

Tgt Ion:228 Resp: 48613

Ion	Ratio	Lower	Upper
228	100		
226	30.5	23.4	35.2
229	20.6	16.2	24.2

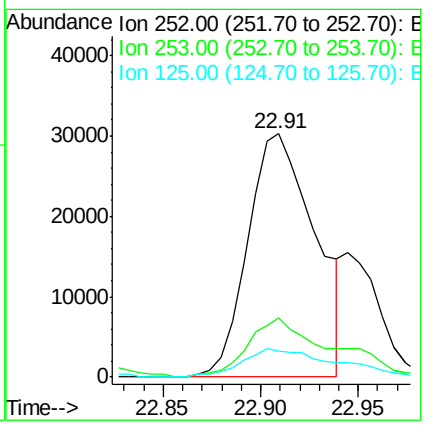


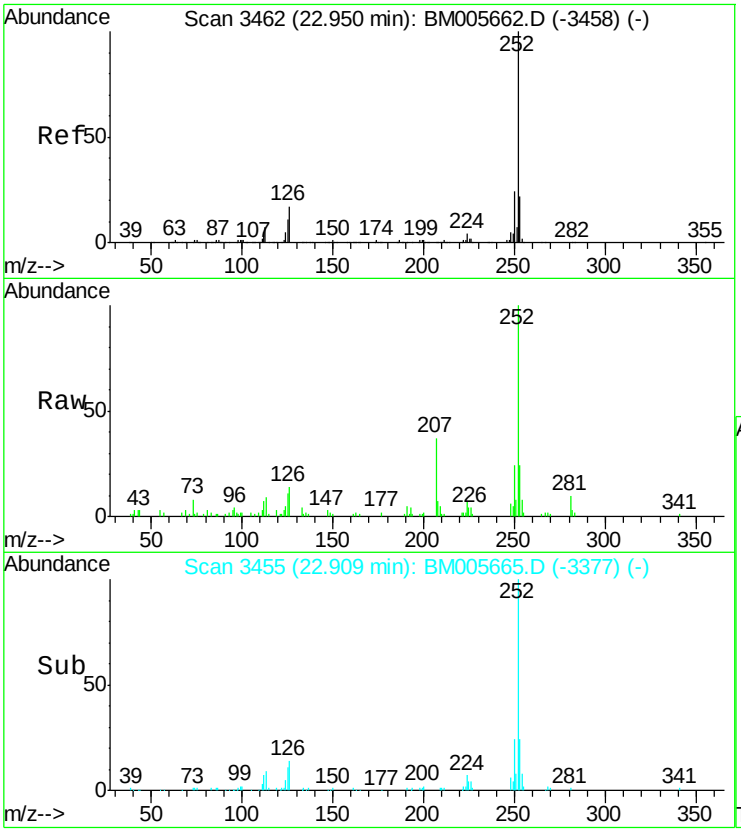


#35
Benzo(b)fluoranthene
Concen: 3.39 ng/ul
RT: 22.91 min Scan# 3455
Delta R.T. 0.00 min
Lab File: BM005665.D
Acq: 06 Jun 2016 12:11

Tgt Ion:252 Resp: 72237

Ion	Ratio	Lower	Upper
252	100		
253	24.3	18.1	27.1
125	10.8	7.6	11.4



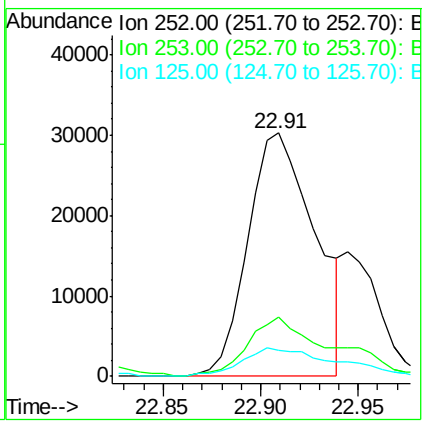


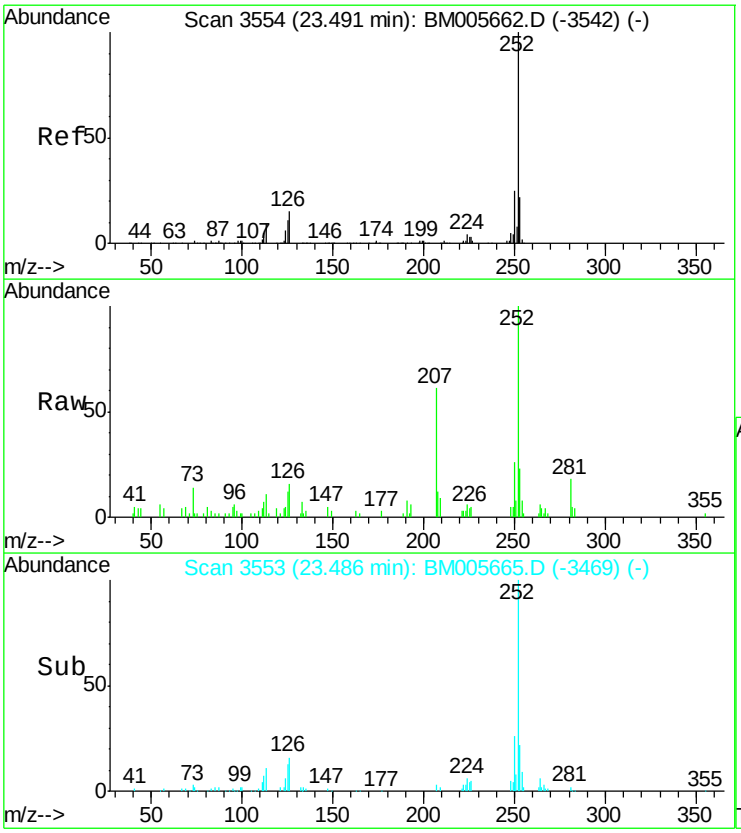
#36
Benzo(k)fluoranthene
Concen: 3.61 ng/ul
RT: 22.91 min Scan# 3455
Delta R.T. -0.04 min
Lab File: BM005665.D
Acq: 06 Jun 2016 12:11

Instrument :
BNA_M
ClientSampleId :
D9XS6

Tgt Ion:252 Resp: 72237

Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.8	26.8
125	10.8	7.7	11.5

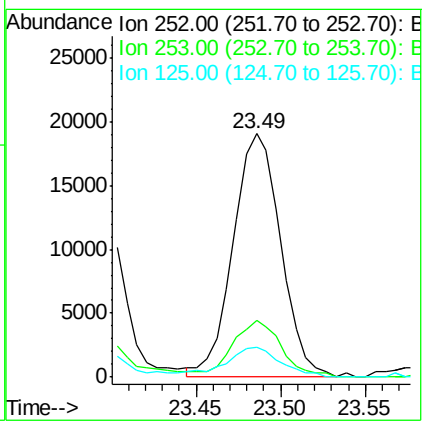


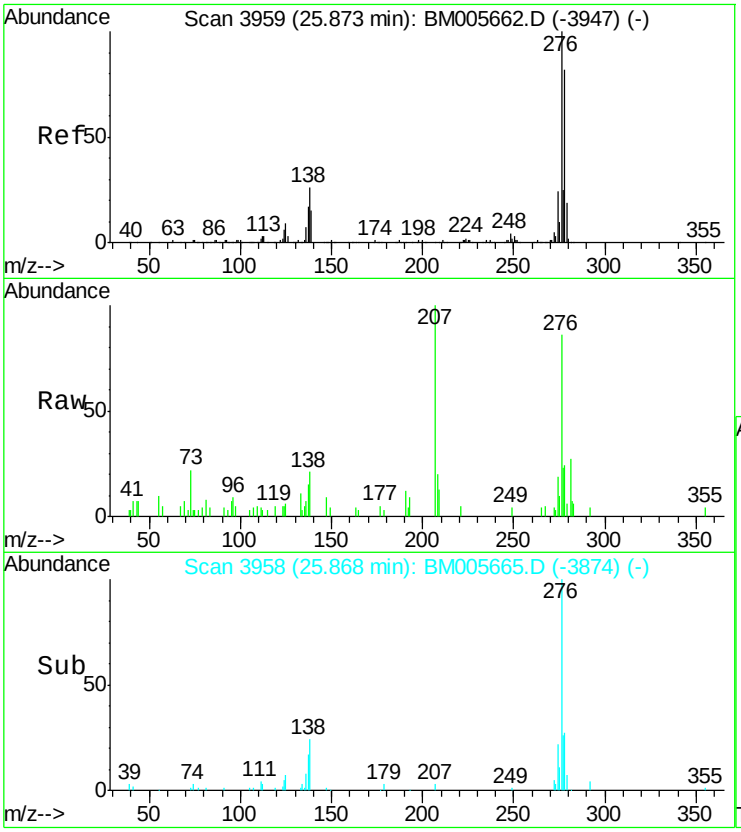


#38
Benzo(a)pyrene
Concen: 1.82 ng/ul
RT: 23.49 min Scan# 3553
Delta R.T. -0.01 min
Lab File: BM005665.D
Acq: 06 Jun 2016 12:11

Tgt Ion:252 Resp: 37356

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.4	26.0
125	12.5	8.2	12.2#



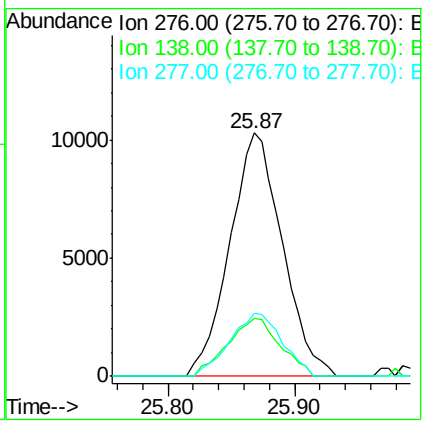


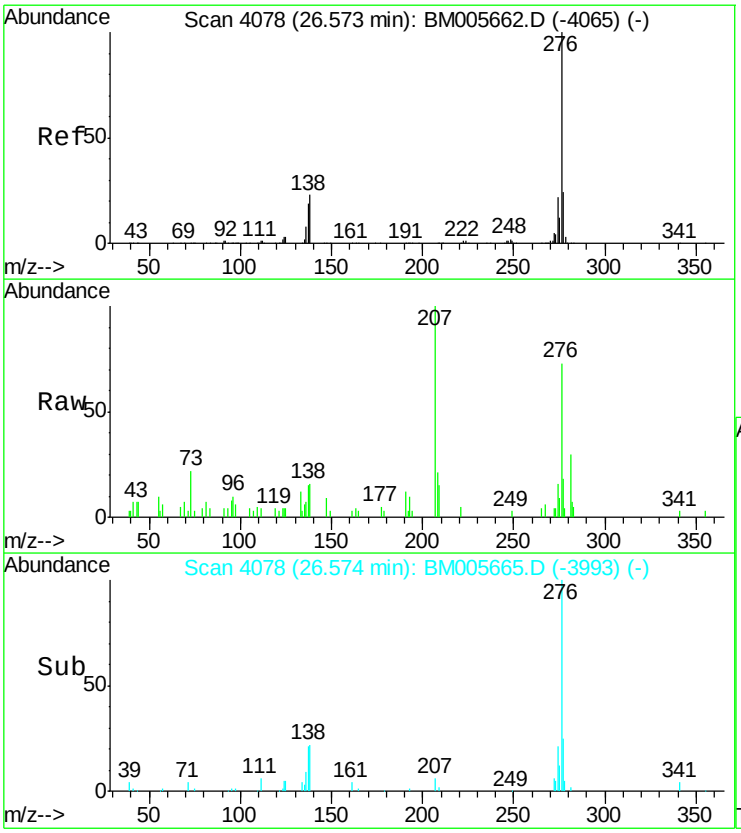
#39
Indeno(1,2,3-cd)pyrene
Concen: 1.22 ng/ul
RT: 25.87 min Scan# 3958
Delta R.T. -0.01 min
Lab File: BM005665.D
Acq: 06 Jun 2016 12:11

Instrument :
BNA_M
ClientSampleId :
D9XS6

Tgt Ion:276 Resp: 29643

Ion	Ratio	Lower	Upper
276	100		
138	23.8	15.8	23.6#
277	26.1	19.0	28.6





#41
Benzo(g,h,i)perylene
Concen: 1.36 ng/ul
RT: 26.57 min Scan# 4078
Delta R.T. 0.00 min
Lab File: BM005665.D
Acq: 06 Jun 2016 12:11

Tgt Ion:276 Resp: 27802

Ion	Ratio	Lower	Upper
276	100		
138	22.0	13.9	20.9#
277	24.7	19.8	29.6