Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM060616\
Data File : BM005680.D
Acq On : 06 Jun 2016 21:28
Operator : UM/SJ
Sample : H3412-09
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9XS8

Quant Time: Jun 07 04:28:01 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	86379	20.00	ng/ul	0.00
7) Naphthalene-d8	10.55	136	359892	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.40	164	191929	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.14	188	403442	20.00	ng/ul	0.00
29) Chrysene-d12	21.33	240	411548	20.00	ng/ul	0.00
34) Perylene-d12	23.59	264	429751	20.00	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.22	96	2840	1.38	ng/uL	0.00
3) Phenol-d5	6.94	99	84325	11.10	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.09	67	71481	15.47	ng/ul	0.00
5) 2-Chlorophenol-d4	7.30	132	83946	13.40	ng/ul	0.00
6) 4-Methylphenol-d8	8.47	113	23907	3.98	ng/ul	0.00
8) Nitrobenzene-d5	8.92	128	41778	15.12	ng/ul	0.00
9) 2-Nitrophenol-d4	9.64	143	43181	14.60	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.18	165	64332	12.24	ng/ul	0.00
12) 4-Chloroaniline-d4	10.69	131	51964	8.32	ng/ul	0.00
16) Dimethylphthalate-d6	13.81	166	219726	14.89	ng/ul	0.00
17) Acenaphthylene-d8	14.09	160	285086	14.86	ng/ul	0.00
20) 4-Nitrophenol-d4	14.63	143	10577	5.01	ng/ul	0.01
21) Fluorene-d10	15.39	176	193323	15.25	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.53	200	10126	5.33	ng/ul	0.00
26) Anthracene-d10	17.24	188	268658	14.02	ng/ul	0.00
30) Pyrene-d10	19.54	212	293159	14.17	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.44	264	279973	14.16	ng/ul	0.00
Target Compounds						Qvalue
18) Acenaphthylene	14.12	152	35139	1.77	ng/ul	96
25) Phenanthrene	17.19	178	45445	2.04	ng/ul	97
27) Anthracene	17.28	178	27419	1.21	ng/ul	99
28) Fluoranthene	19.20	202	143067	6.29	ng/ul	98
31) Pyrene	19.57	202	162721	6.27	ng/ul	97
32) Benzo(a)anthracene	21.31	228	112000	4.64	ng/ul	97
33) Chrysene	21.36	228	133364	5.85	ng/ul	96
35) Benzo(b)fluoranthene	22.91	252	273699	10.56	ng/ul	98
36) Benzo(k)fluoranthene	22.91	252	273699	11.26	ng/ul	98
38) Benzo(a)pyrene	23.49	252	153774	6.16	ng/ul	96
41) Benzo(g,h,i)perylene	26.58	276	114763	4.63	ng/ul#	94

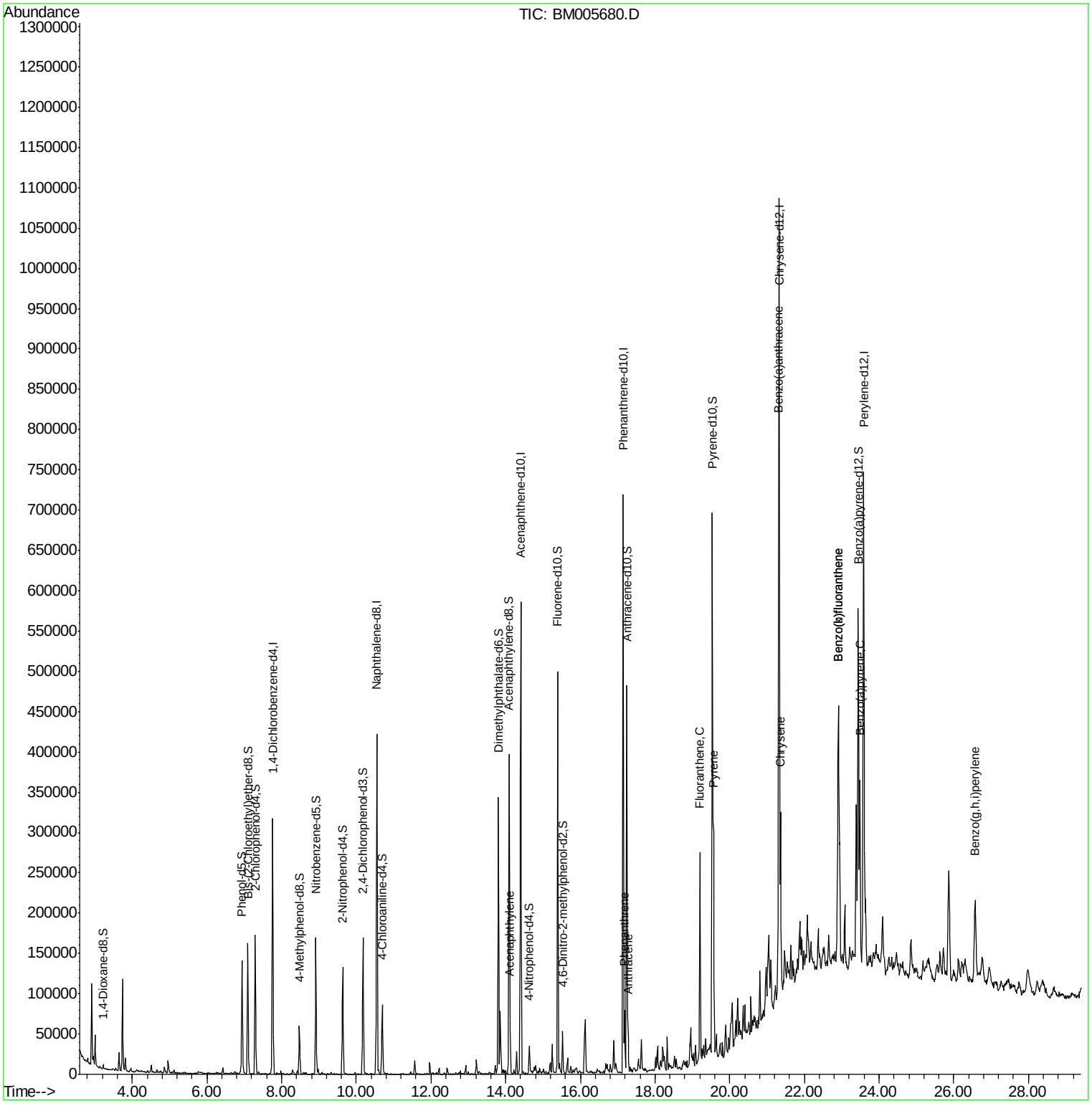
(#) = qualifier out of range (m) = manual integration (+) = signals summed

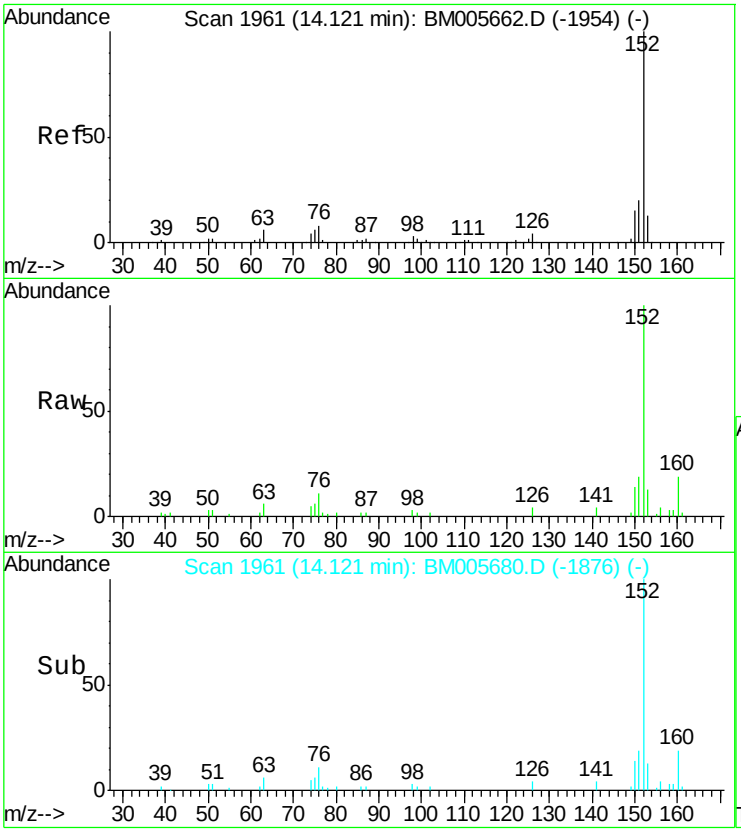
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM060616\
Data File : BM005680.D
Acq On : 06 Jun 2016 21:28
Operator : UM/SJ
Sample : H3412-09
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9XS8

Quant Time: Jun 07 04:28:01 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



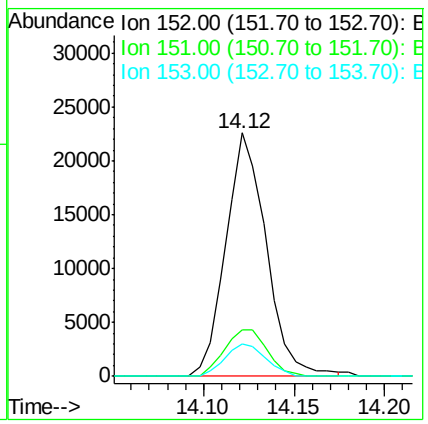


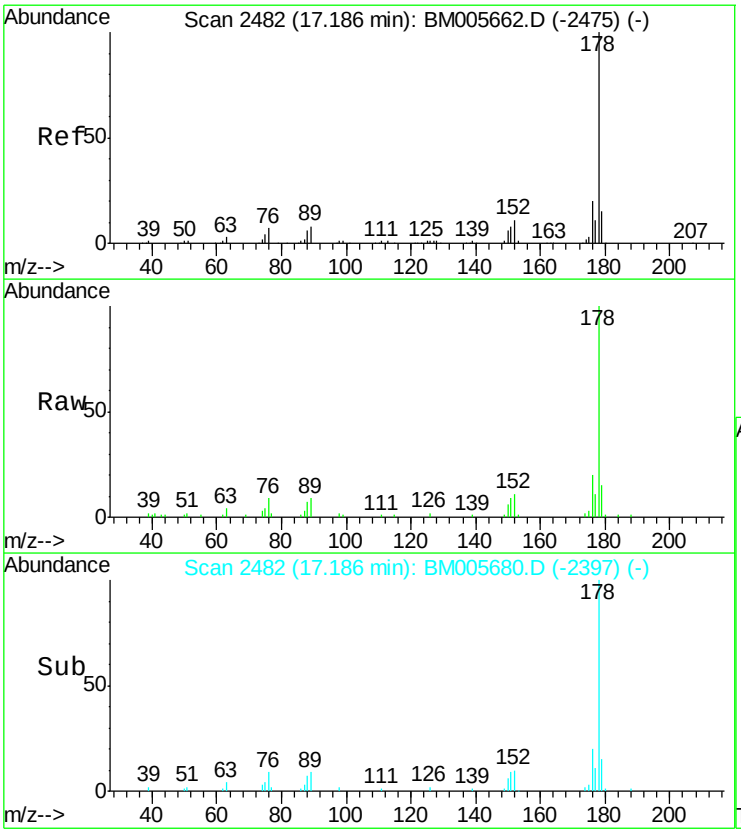
#18
Acenaphthylene
Concen: 1.77 ng/ul
RT: 14.12 min Scan# 1961
Delta R.T. -0.00 min
Lab File: BM005680.D
Acq: 06 Jun 2016 21:28

Instrument :
BNA_M
ClientSampleId :
D9XS8

Tgt Ion:152 Resp: 35139

Ion	Ratio	Lower	Upper
152	100		
151	19.0	17.3	25.9
153	13.3	11.1	16.7

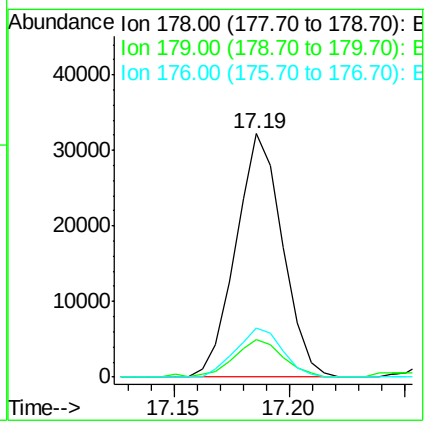


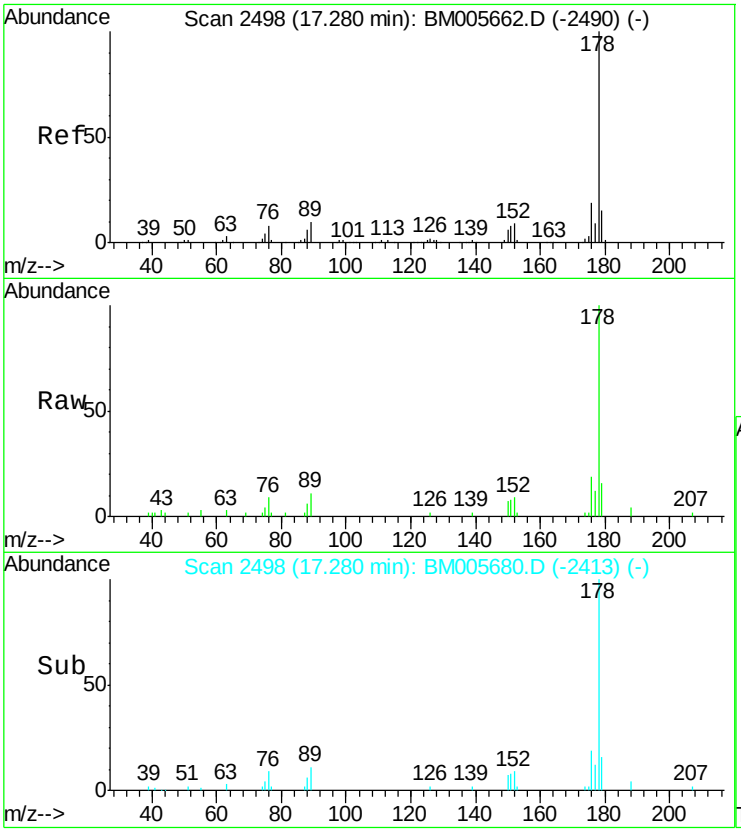


#25
Phenanthrene
Concen: 2.04 ng/ul
RT: 17.19 min Scan# 2482
Delta R.T. -0.00 min
Lab File: BM005680.D
Acq: 06 Jun 2016 21:28

Tgt Ion:178 Resp: 45445

Ion	Ratio	Lower	Upper
178	100		
179	15.4	11.8	17.8
176	20.2	14.8	22.2



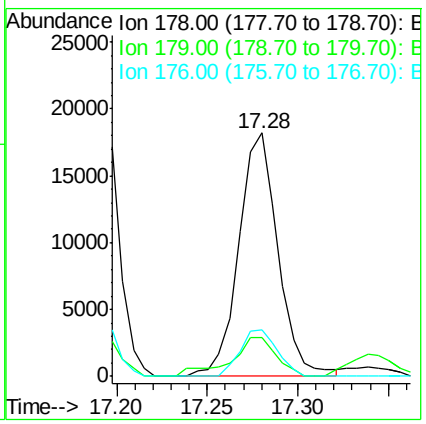


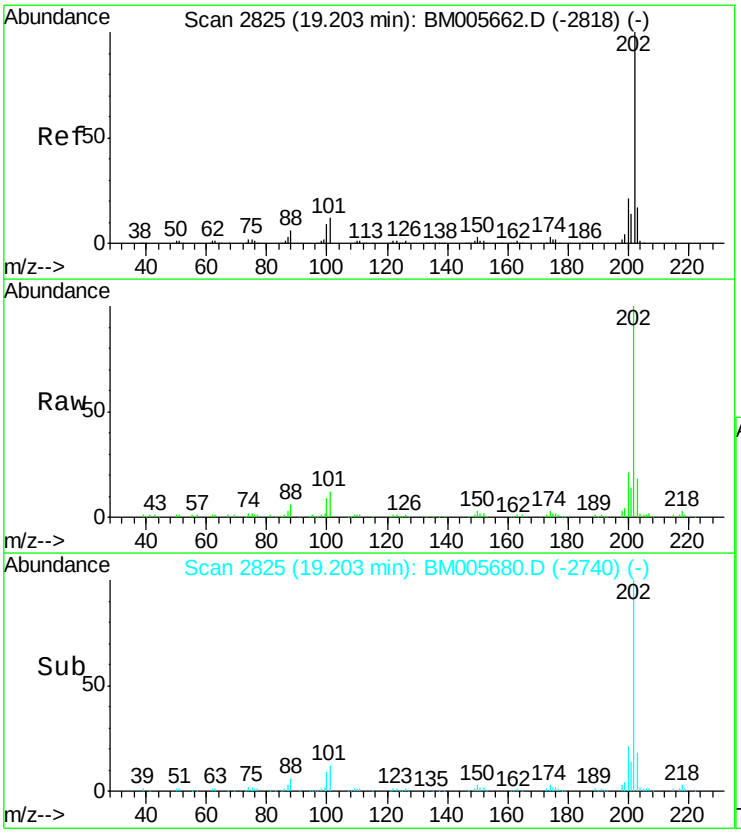
#27
Anthracene
Concen: 1.21 ng/ul
RT: 17.28 min Scan# 2498
Delta R.T. -0.00 min
Lab File: BM005680.D
Acq: 06 Jun 2016 21:28

Instrument :
BNA_M
ClientSampleId :
D9XS8

Tgt Ion:178 Resp: 27419

Ion	Ratio	Lower	Upper
178	100		
179	16.2	12.9	19.3
176	19.0	15.6	23.4

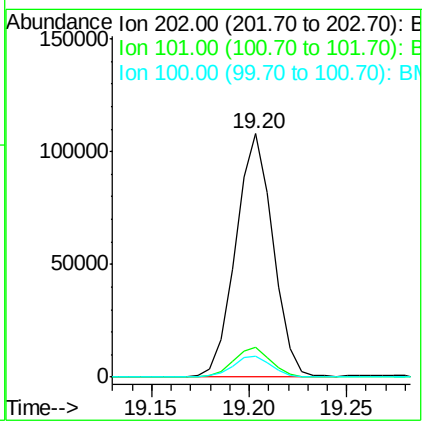


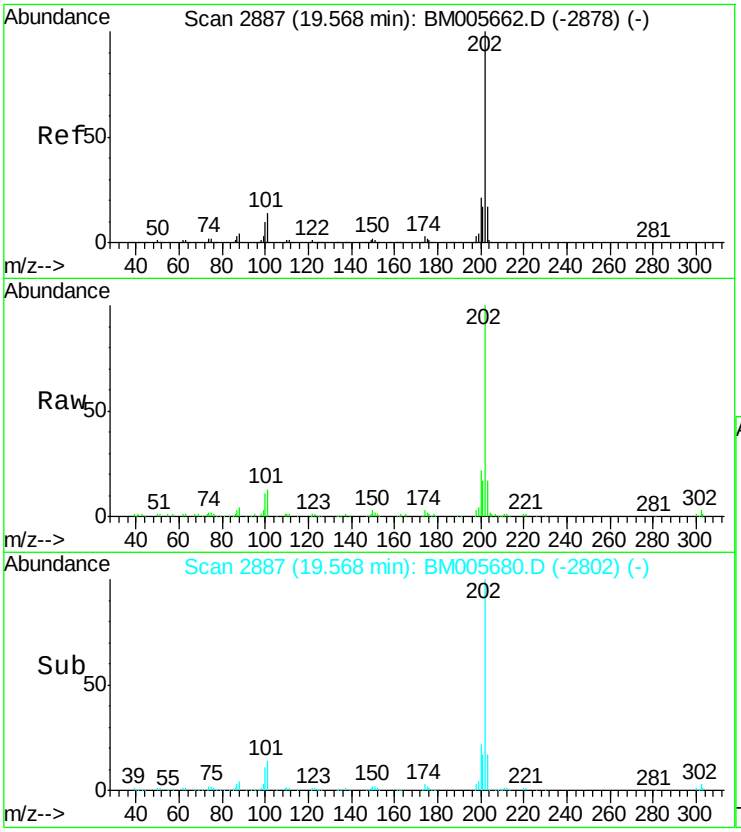


#28
Fluoranthene
Concen: 6.29 ng/ul
RT: 19.20 min Scan# 2825
Delta R.T. -0.00 min
Lab File: BM005680.D
Acq: 06 Jun 2016 21:28

Tgt Ion:202 Resp: 143067

Ion	Ratio	Lower	Upper
202	100		
101	12.2	8.9	13.3
100	8.8	7.0	10.4



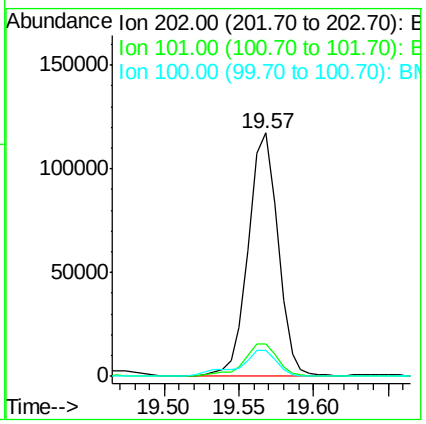


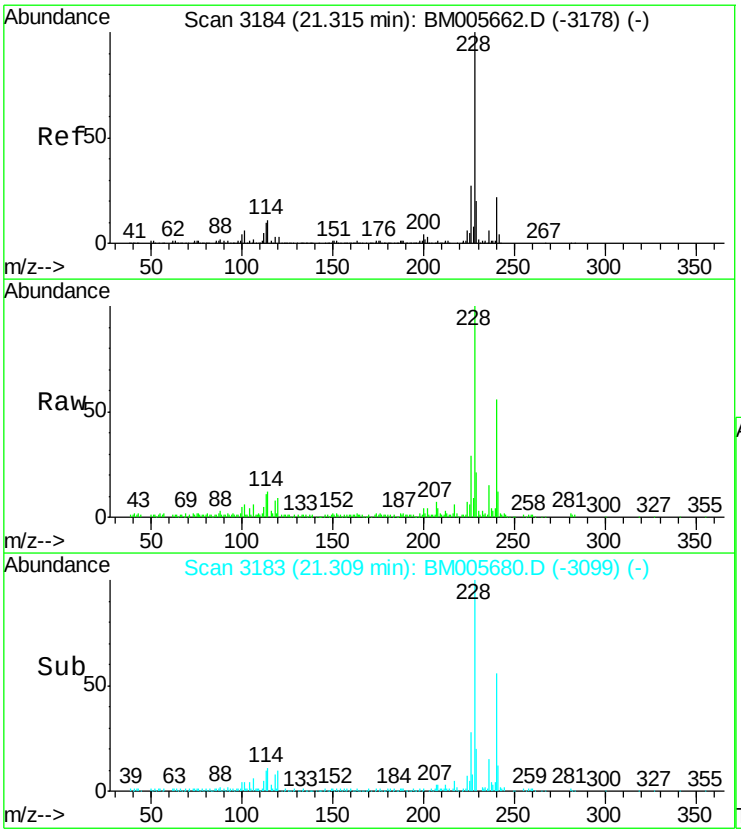
#31
Pyrene
Concen: 6.27 ng/ul
RT: 19.57 min Scan# 2887
Delta R.T. -0.00 min
Lab File: BM005680.D
Acq: 06 Jun 2016 21:28

Instrument :
BNA_M
ClientSampleId :
D9XS8

Tgt Ion:202 Resp: 162721

Ion	Ratio	Lower	Upper
202	100		
101	13.5	9.8	14.8
100	10.5	9.3	13.9

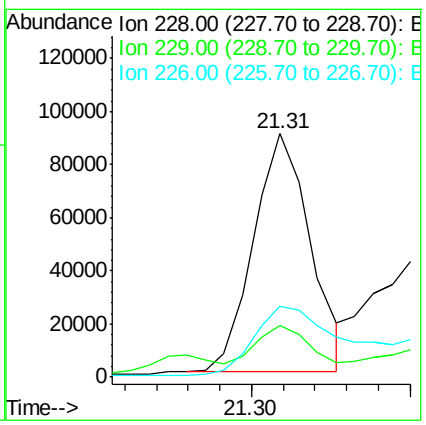


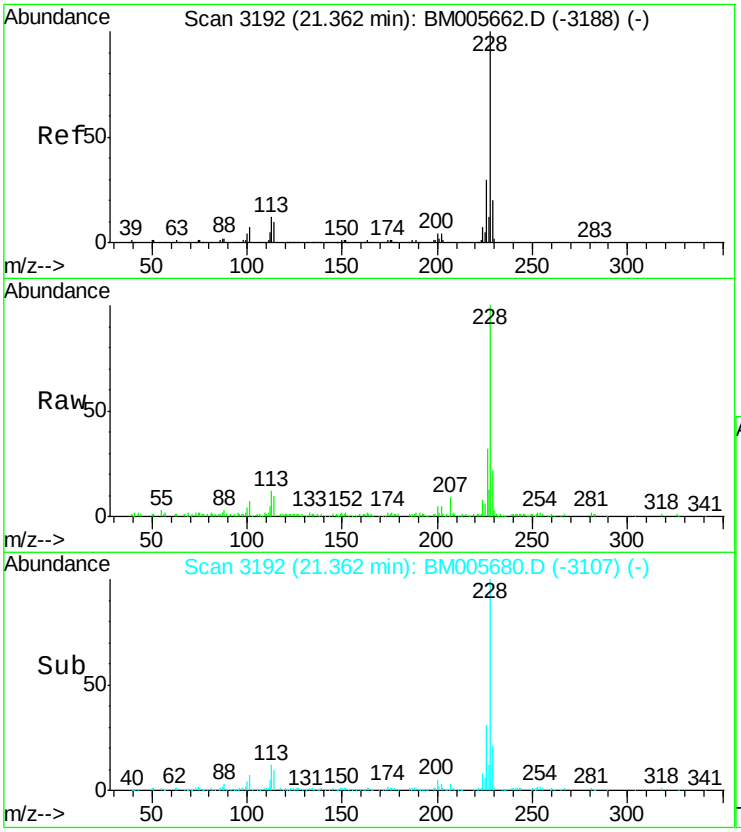


#32
Benzo(a)anthracene
Concen: 4.64 ng/ul
RT: 21.31 min Scan# 3183
Delta R.T. -0.01 min
Lab File: BM005680.D
Acq: 06 Jun 2016 21:28

Tgt Ion:228 Resp: 112000

Ion	Ratio	Lower	Upper
228	100		
229	21.4	16.6	25.0
226	28.8	21.0	31.4



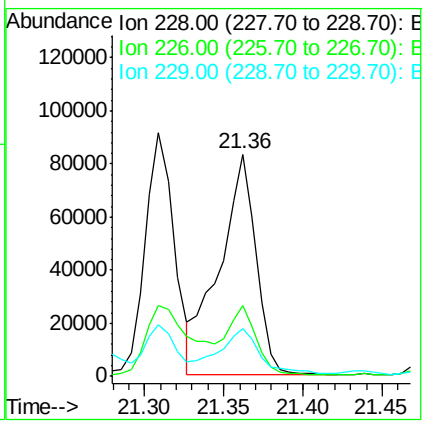


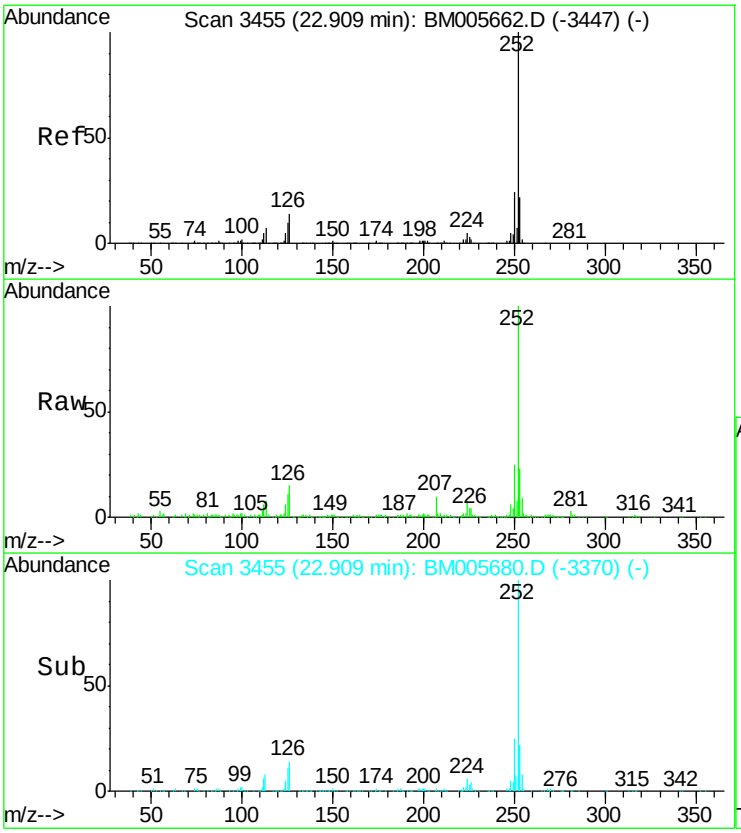
#33
Chrysene
Concen: 5.85 ng/ul
RT: 21.36 min Scan# 3192
Delta R.T. -0.00 min
Lab File: BM005680.D
Acq: 06 Jun 2016 21:28

Instrument :
BNA_M
ClientSampleId :
D9XS8

Tgt Ion:228 Resp: 133364

Ion	Ratio	Lower	Upper
228	100		
226	31.6	23.4	35.2
229	21.6	16.2	24.2

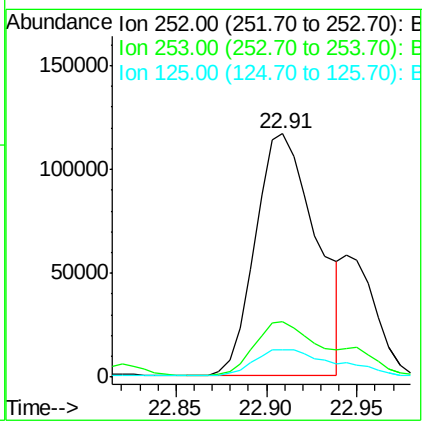


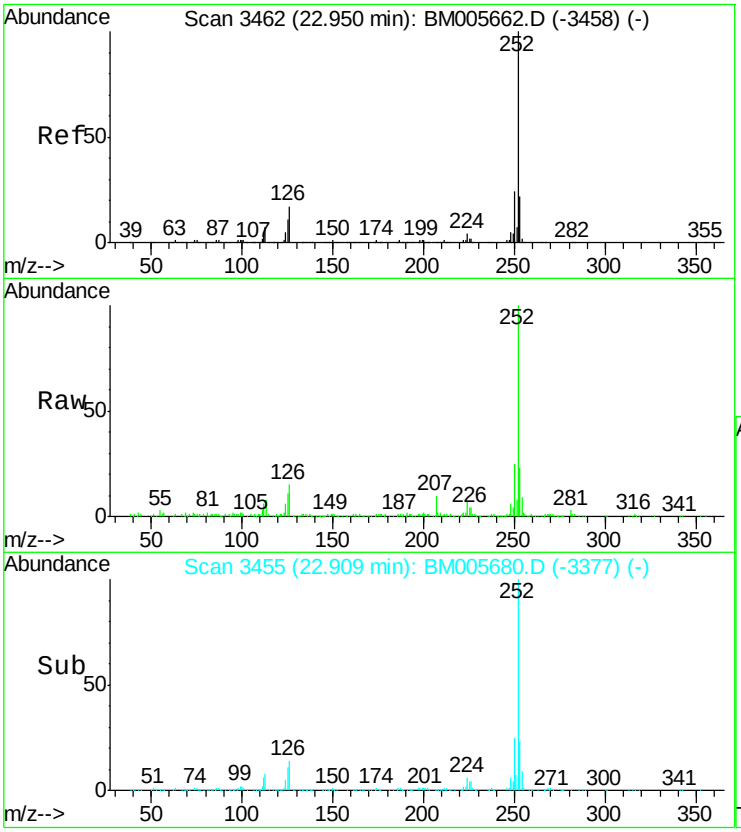


#35
Benzo(b)fluoranthene
Concen: 10.56 ng/ul
RT: 22.91 min Scan# 3455
Delta R.T. -0.00 min
Lab File: BM005680.D
Acq: 06 Jun 2016 21:28

Tgt Ion:252 Resp: 273699

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.1	27.1
125	11.3	7.6	11.4



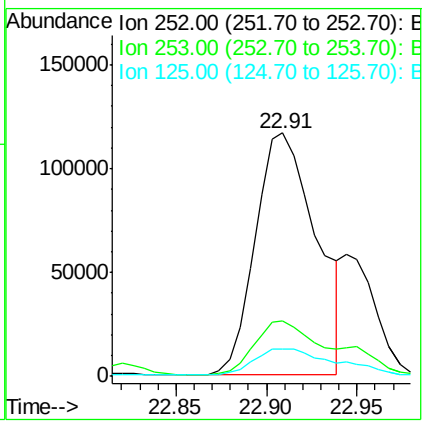


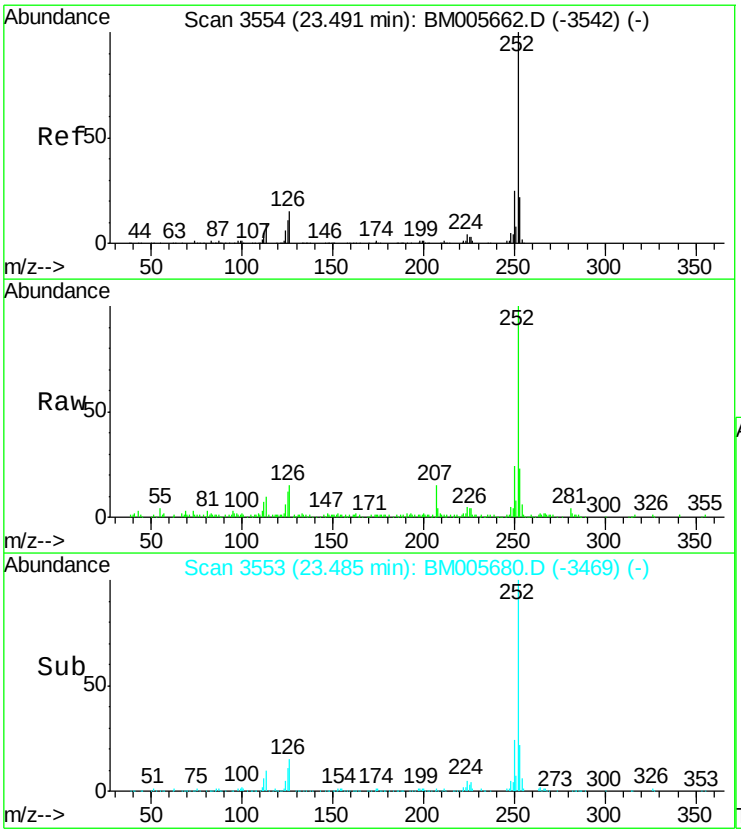
#36
Benzo(k)fluoranthene
Concen: 11.26 ng/ul
RT: 22.91 min Scan# 3455
Delta R.T. -0.04 min
Lab File: BM005680.D
Acq: 06 Jun 2016 21:28

Instrument :
BNA_M
ClientSampleId :
D9XS8

Tgt Ion:252 Resp: 273699

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.8	26.8
125	11.3	7.7	11.5

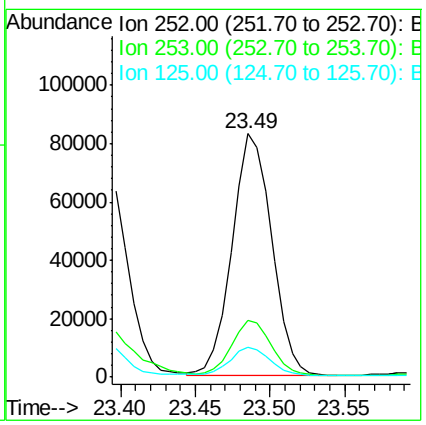


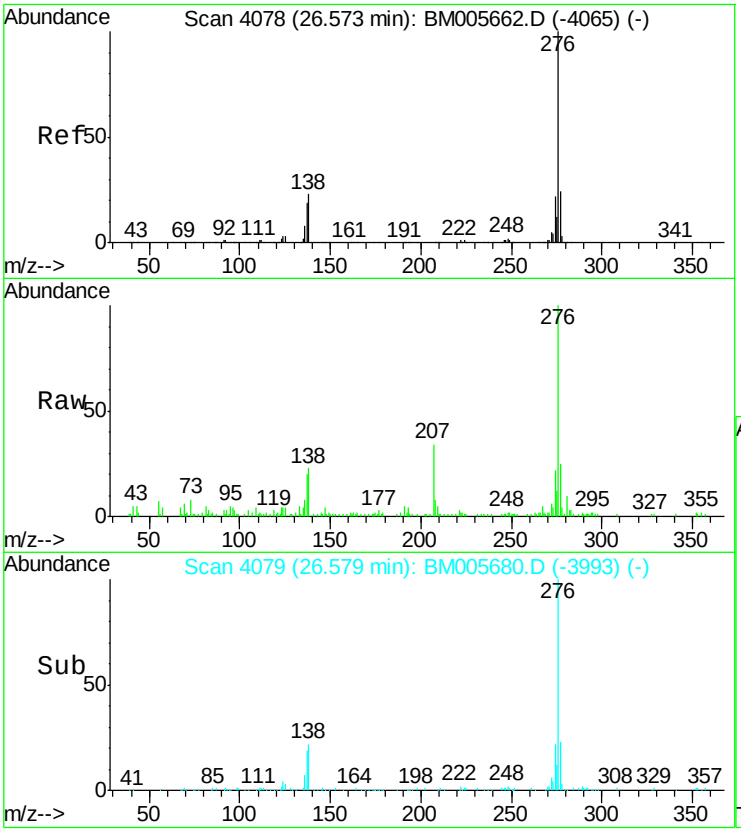


#38
Benzo(a)pyrene
Concen: 6.16 ng/ul
RT: 23.49 min Scan# 3553
Delta R.T. -0.01 min
Lab File: BM005680.D
Acq: 06 Jun 2016 21:28

Tgt Ion:252 Resp: 153774

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.4	26.0
125	12.0	8.2	12.2





#41
Benzo(g,h,i)perylene
Concen: 4.63 ng/ul
RT: 26.58 min Scan# 4079
Delta R.T. 0.01 min
Lab File: BM005680.D
Acq: 06 Jun 2016 21:28

Instrument :
BNA_M
ClientSampleId :
D9XS8

Tgt Ion:276 Resp: 114763

Ion	Ratio	Lower	Upper
276	100		
138	23.2	13.9	20.9#
277	24.6	19.8	29.6