Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM060616\
Data File : BM005671.D
Acq On : 06 Jun 2016 15:53
Operator : UM/SJ
Sample : H3412-22
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9XW1

Quant Time: Jun 07 04:26:28 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	80938	20.00	ng/ul	0.00
7) Naphthalene-d8	10.55	136	349716	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.40	164	182399	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.14	188	378041	20.00	ng/ul	0.00
29) Chrysene-d12	21.33	240	377831	20.00	ng/ul	0.00
34) Perylene-d12	23.59	264	389482	20.00	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.22	96	1860	0.97	ng/uL	0.00
3) Phenol-d5	6.94	99	57889	8.14	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.09	67	60127	13.89	ng/ul	0.00
5) 2-Chlorophenol-d4	7.29	132	60796	10.36	ng/ul	0.00
6) 4-Methylphenol-d8	8.47	113	20474	3.64	ng/ul	0.00
8) Nitrobenzene-d5	8.92	128	35361	13.17	ng/ul	0.00
9) 2-Nitrophenol-d4	9.64	143	29265	10.18	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.18	165	49179	9.63	ng/ul	0.00
12) 4-Chloroaniline-d4	10.69	131	14795	2.44	ng/ul	0.00
16) Dimethylphthalate-d6	13.81	166	198197	14.13	ng/ul	0.00
17) Acenaphthylene-d8	14.09	160	271536	14.89	ng/ul	0.00
20) 4-Nitrophenol-d4	14.64	143	2282	1.14	ng/ul	0.02
21) Fluorene-d10	15.39	176	192626	15.99	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.53	200	3802	2.14	ng/ul	0.00
26) Anthracene-d10	17.24	188	279503	15.57	ng/ul	0.00
30) Pyrene-d10	19.53	212	316501	16.67	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.44	264	282637	15.77	ng/ul	0.00
Target Compounds						Qvalue
18) Acenaphthylene	14.12	152	25472	1.35	ng/ul	97
25) Phenanthrene	17.19	178	58975	2.83	ng/ul	98
28) Fluoranthene	19.20	202	154326	7.24	ng/ul	99
31) Pyrene	19.56	202	166267	6.97	ng/ul	97
32) Benzo(a)anthracene	21.31	228	109827	4.96	ng/ul	97
33) Chrysene	21.36	228	137522	6.57	ng/ul	98
35) Benzo(b)fluoranthene	22.91	252	254782	10.85	ng/ul#	98
36) Benzo(k)fluoranthene	22.91	252	254782	11.56	ng/ul#	98
38) Benzo(a)pyrene	23.49	252	135890	6.01	ng/ul#	97
41) Benzo(g,h,i)perylene	26.57	276	104532	4.66	ng/ul#	94

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

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Instrument :
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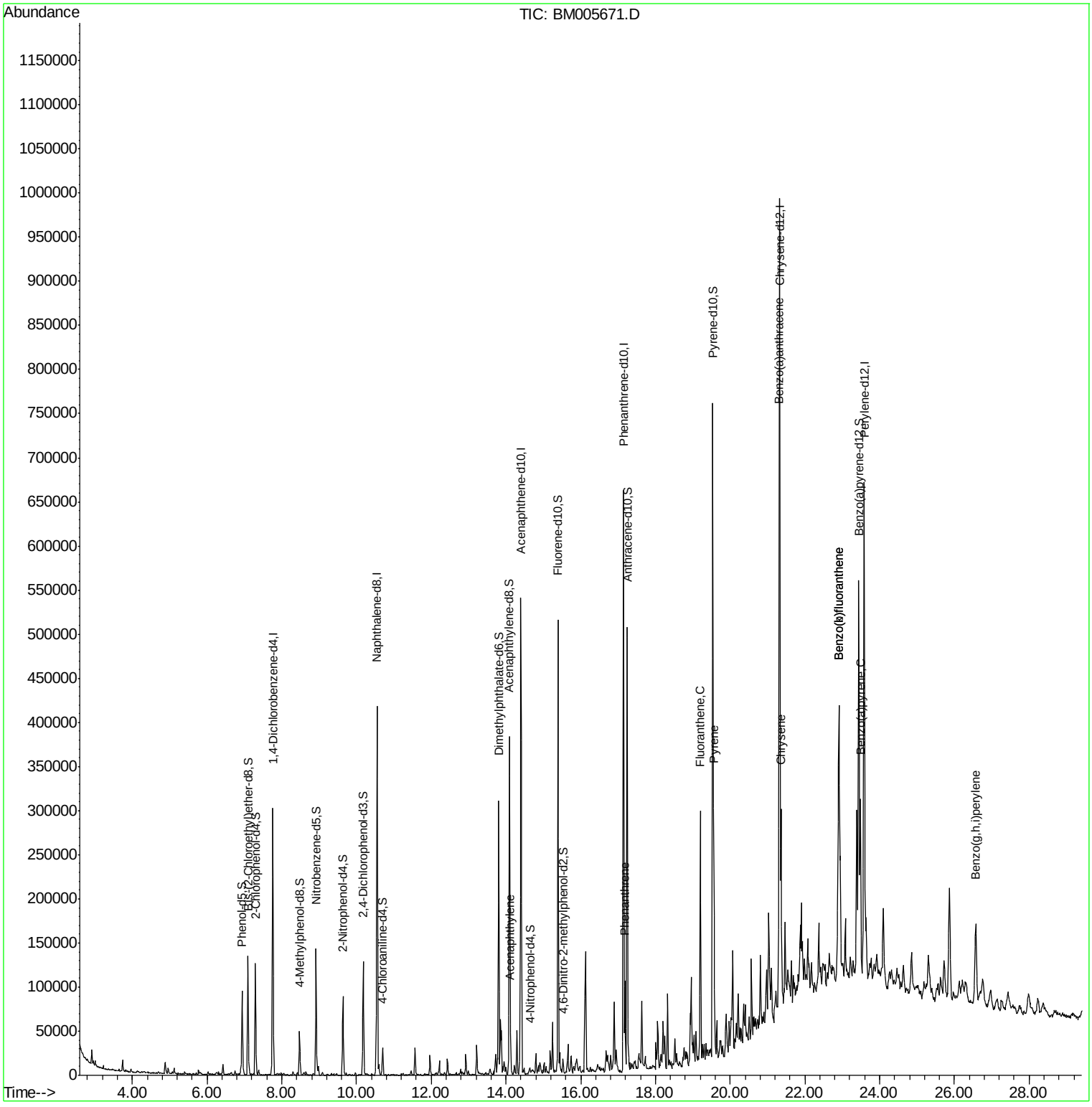
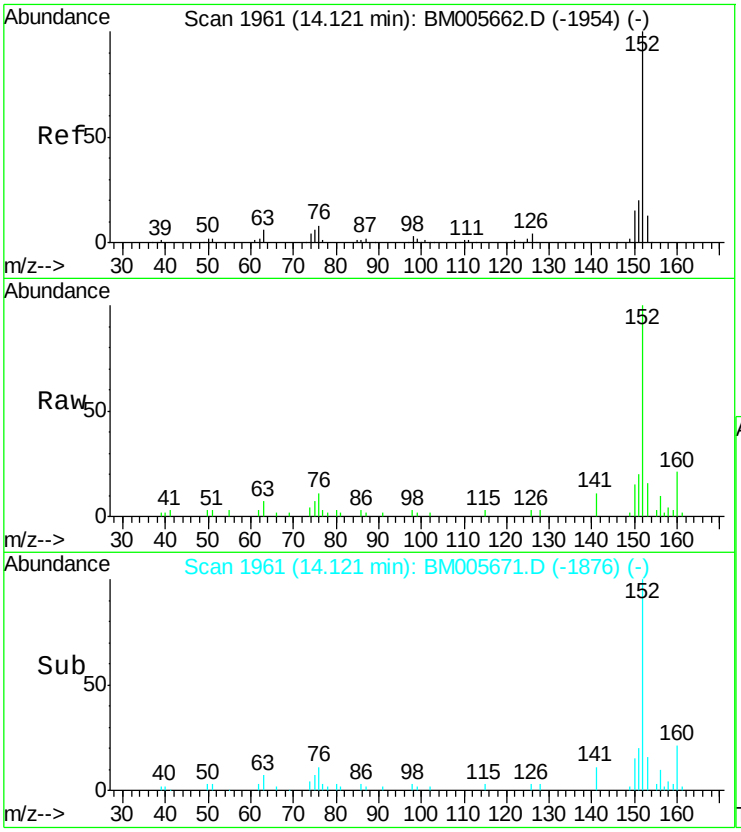


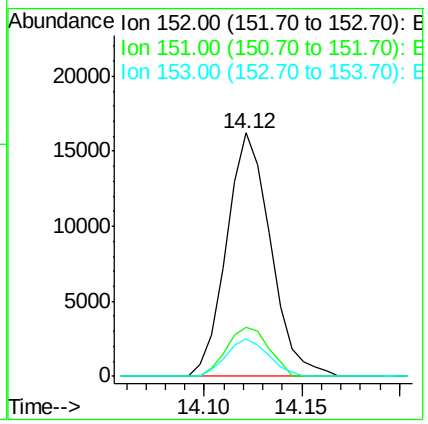


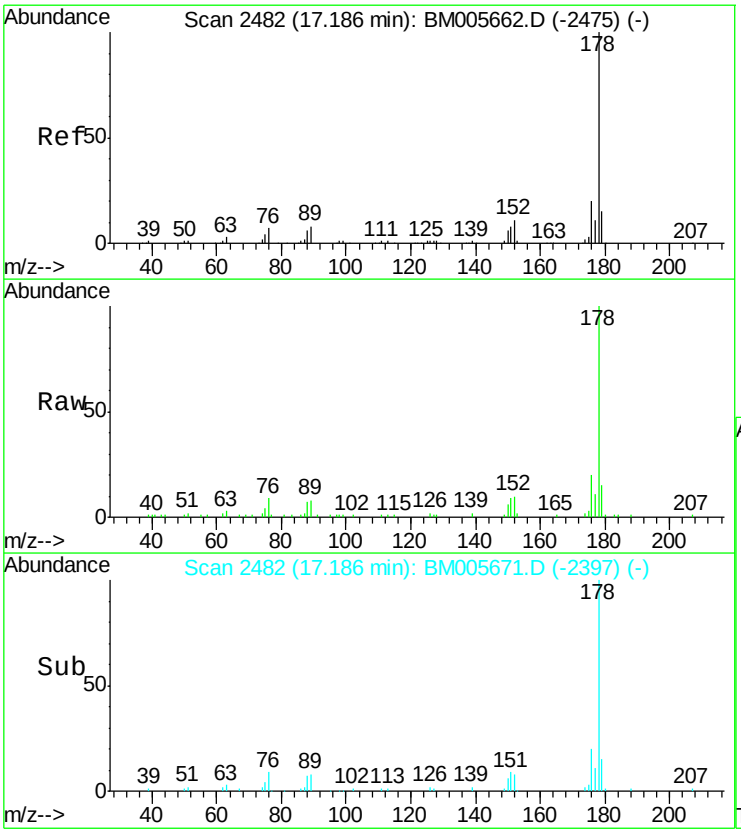
#18
Acenaphthylene
Concen: 1.35 ng/ul
RT: 14.12 min Scan# 1961
Delta R.T. 0.00 min
Lab File: BM005671.D
Acq: 06 Jun 2016 15:53

Instrument :
BNA_M
ClientSampleId :
D9XW1

Tgt Ion:152 Resp: 25472

Ion	Ratio	Lower	Upper
152	100		
151	20.3	17.3	25.9
153	15.5	11.1	16.7

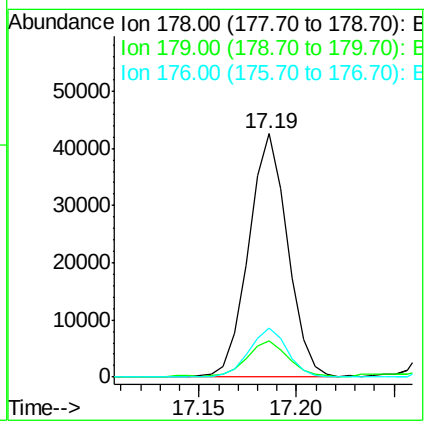


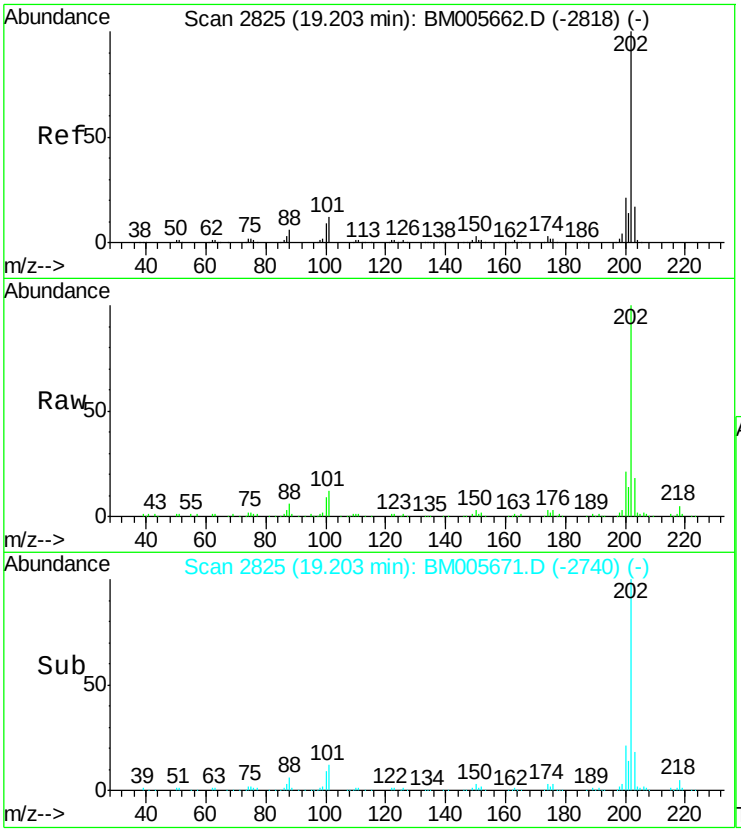


#25
Phenanthrene
Concen: 2.83 ng/ul
RT: 17.19 min Scan# 2482
Delta R.T. 0.00 min
Lab File: BM005671.D
Acq: 06 Jun 2016 15:53

Tgt Ion:178 Resp: 58975

Ion	Ratio	Lower	Upper
178	100		
179	14.8	11.8	17.8
176	20.0	14.8	22.2



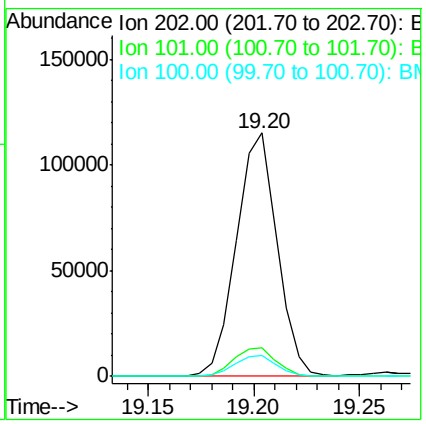


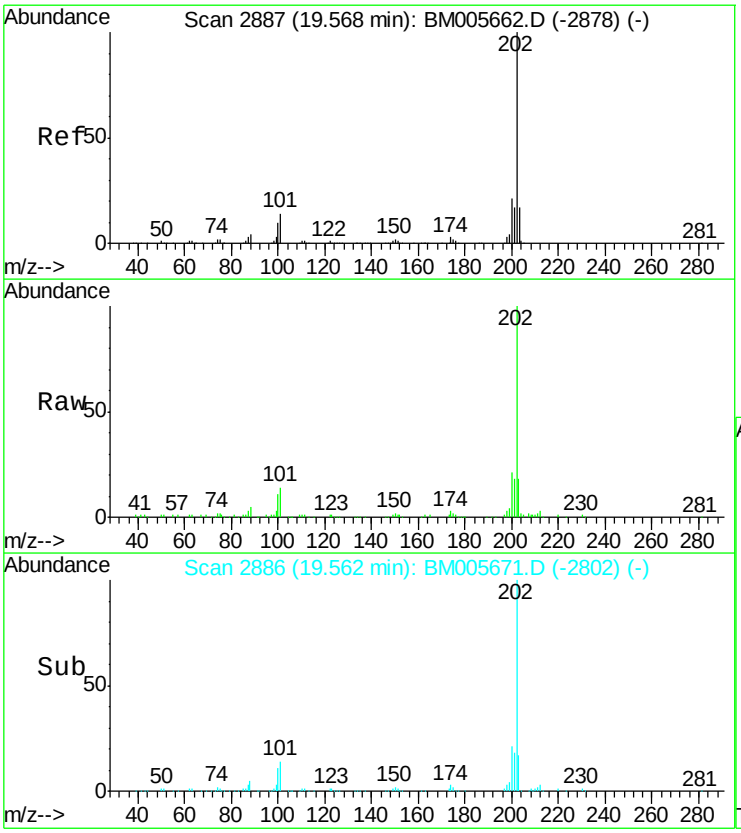
#28
Fluoranthene
Concen: 7.24 ng/ul
RT: 19.20 min Scan# 2825
Delta R.T. 0.00 min
Lab File: BM005671.D
Acq: 06 Jun 2016 15:53

Instrument :
BNA_M
ClientSampleId :
D9XW1

Tgt Ion:202 Resp: 154326

Ion	Ratio	Lower	Upper
202	100		
101	11.6	8.9	13.3
100	8.5	7.0	10.4

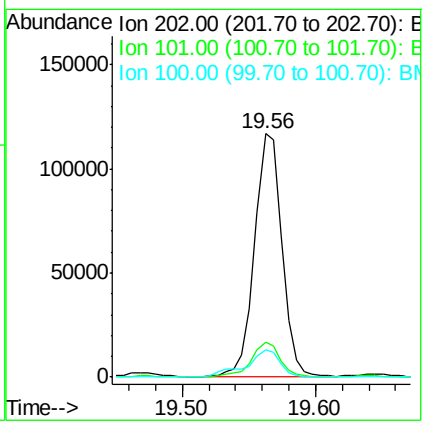


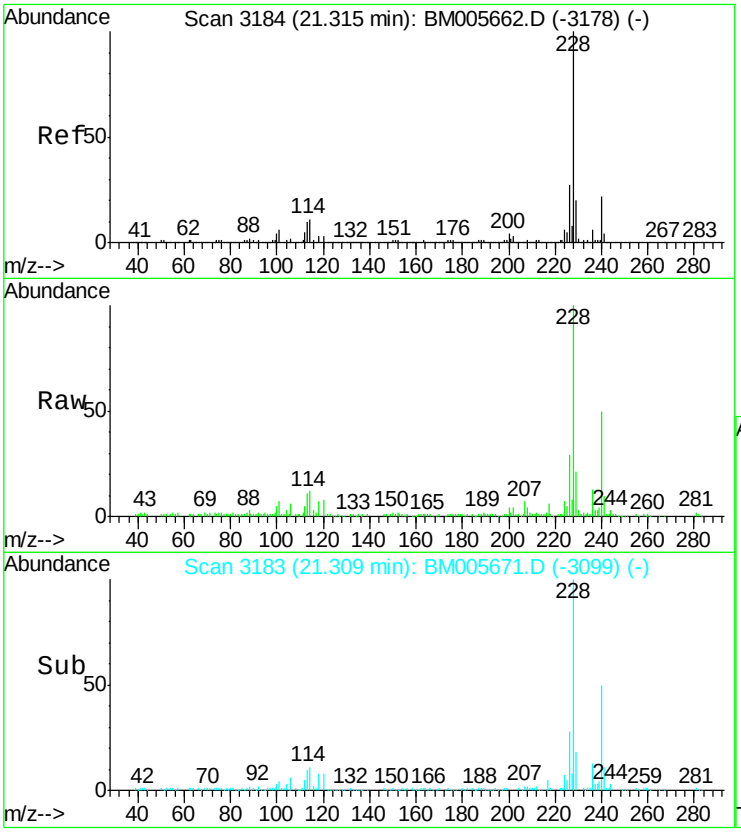


#31
Pyrene
Concen: 6.97 ng/ul
RT: 19.56 min Scan# 2886
Delta R.T. -0.01 min
Lab File: BM005671.D
Acq: 06 Jun 2016 15:53

Tgt Ion:202 Resp: 166267

Ion	Ratio	Lower	Upper
202	100		
101	14.4	9.8	14.8
100	11.4	9.3	13.9



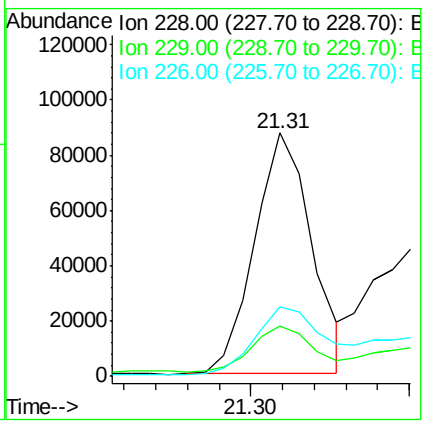


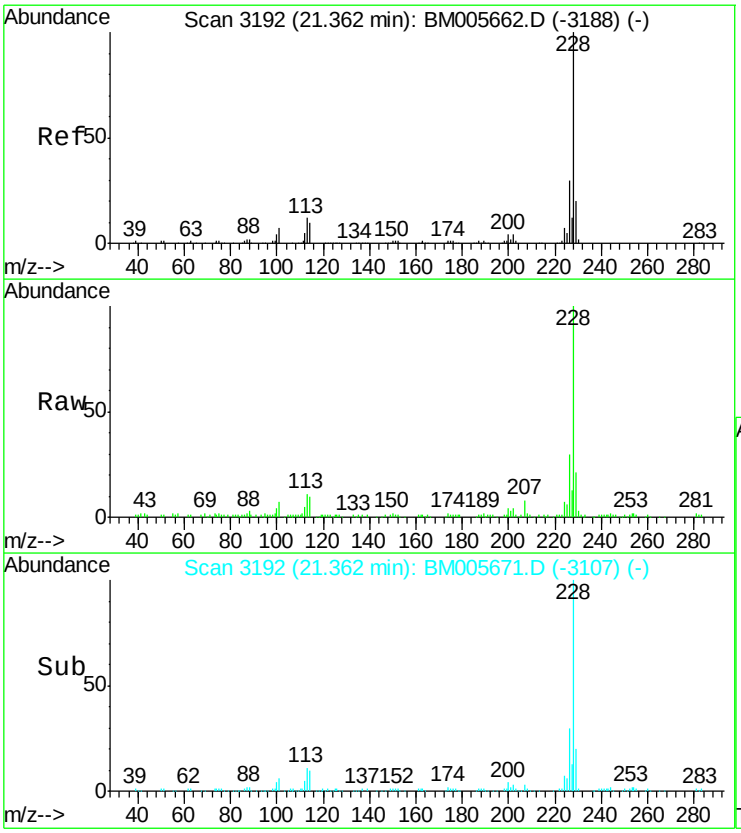
#32
Benzo(a)anthracene
Concen: 4.96 ng/ul
RT: 21.31 min Scan# 3183
Delta R.T. -0.01 min
Lab File: BM005671.D
Acq: 06 Jun 2016 15:53

Instrument :
BNA_M
ClientSampleId :
D9XW1

Tgt Ion:228 Resp: 109827

Ion	Ratio	Lower	Upper
228	100		
229	20.8	16.6	25.0
226	28.8	21.0	31.4

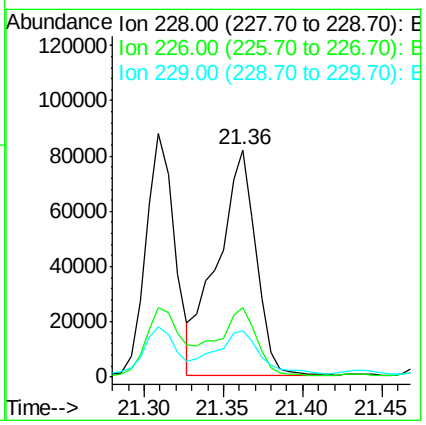


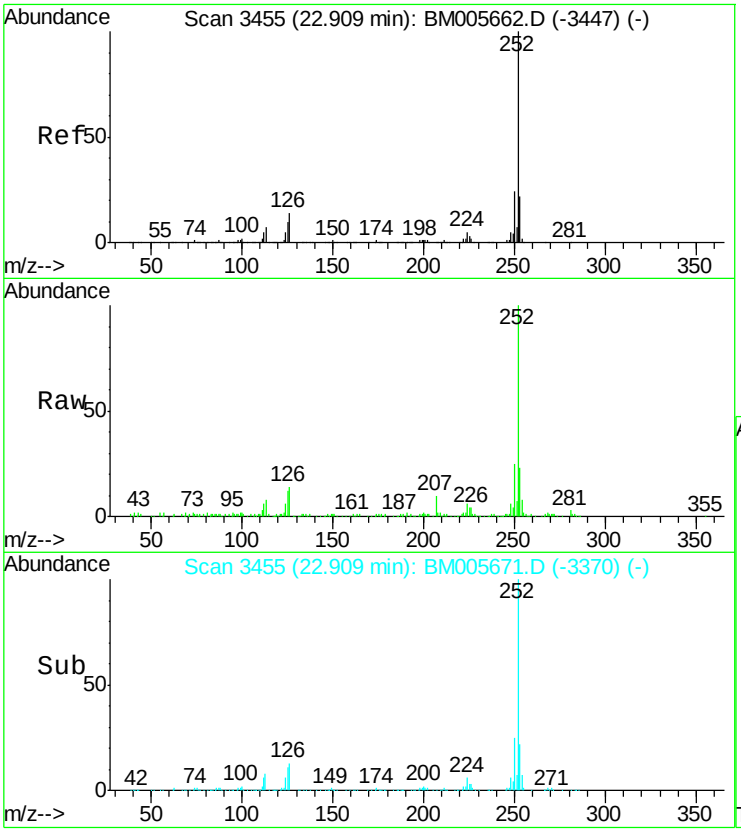


#33
Chrysene
Concen: 6.57 ng/ul
RT: 21.36 min Scan# 3192
Delta R.T. 0.00 min
Lab File: BM005671.D
Acq: 06 Jun 2016 15:53

Tgt Ion:228 Resp: 137522

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



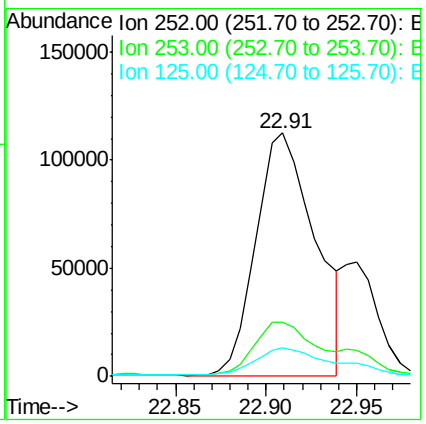


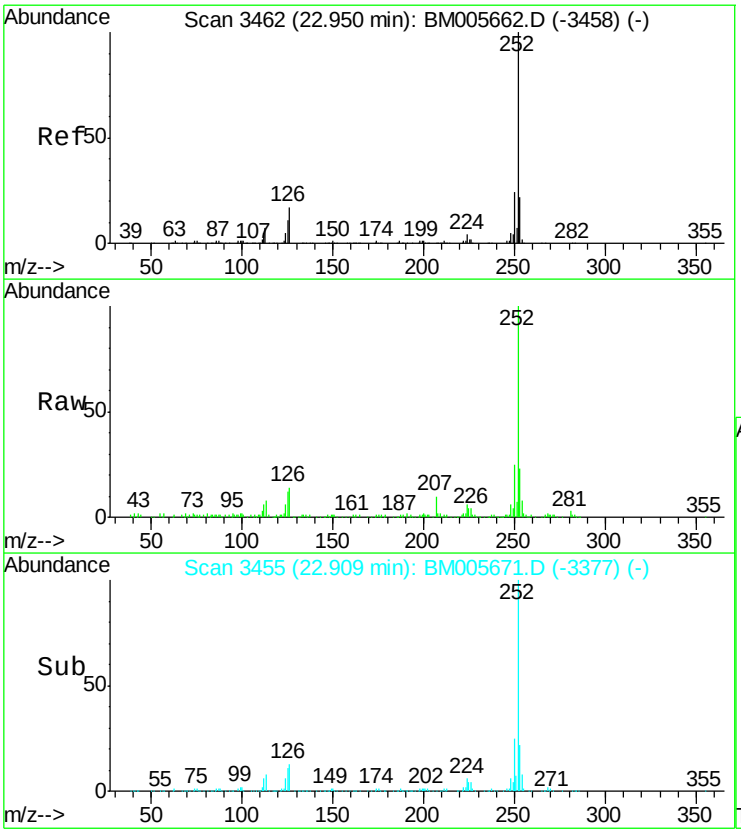
#35
Benzo(b)fluoranthene
Concen: 10.85 ng/ul
RT: 22.91 min Scan# 3455
Delta R.T. 0.00 min
Lab File: BM005671.D
Acq: 06 Jun 2016 15:53

Instrument :
BNA_M
ClientSampleId :
D9XW1

Tgt Ion:252 Resp: 254782

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.1	27.1
125	11.6	7.6	11.4#

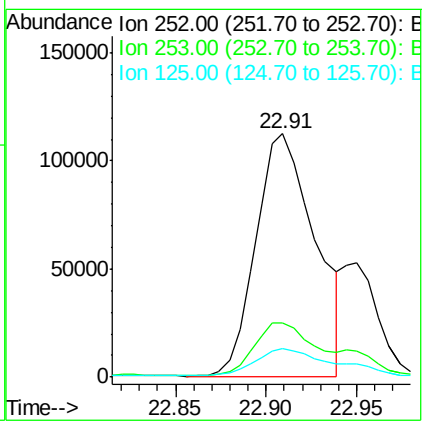


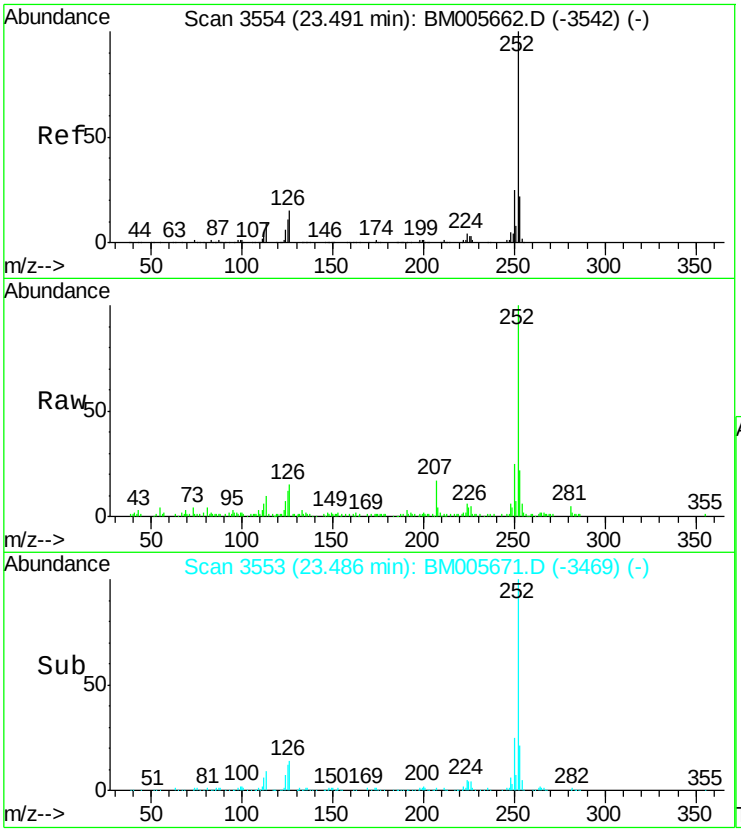


#36
Benzo(k)fluoranthene
Concen: 11.56 ng/ul
RT: 22.91 min Scan# 3455
Delta R.T. -0.04 min
Lab File: BM005671.D
Acq: 06 Jun 2016 15:53

Tgt Ion:252 Resp: 254782

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.8	26.8
125	11.6	7.7	11.5#



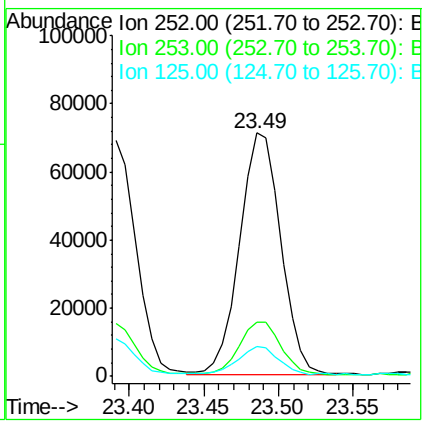


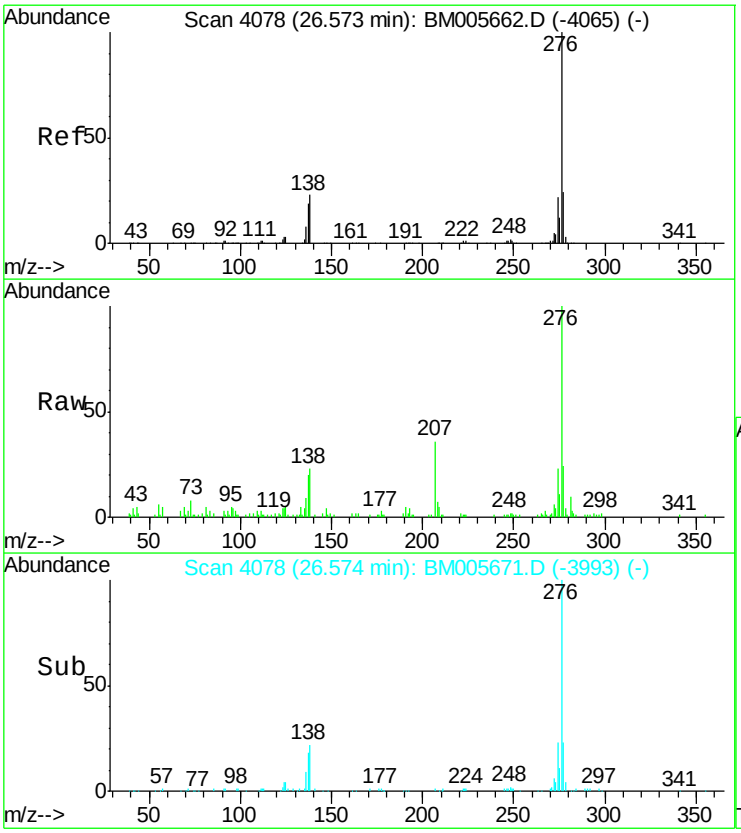
#38
Benzo(a)pyrene
Concen: 6.01 ng/ul
RT: 23.49 min Scan# 3553
Delta R.T. -0.01 min
Lab File: BM005671.D
Acq: 06 Jun 2016 15:53

Instrument :
BNA_M
ClientSampleId :
D9XW1

Tgt Ion:252 Resp: 135890

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.4	26.0
125	12.4	8.2	12.2#





#41
Benzo(g,h,i)perylene
Concen: 4.66 ng/ul
RT: 26.57 min Scan# 4078
Delta R.T. 0.00 min
Lab File: BM005671.D
Acq: 06 Jun 2016 15:53

Tgt Ion:276 Resp: 104532

Ion	Ratio	Lower	Upper
276	100		
138	23.1	13.9	20.9#
277	23.9	19.8	29.6