Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052216\
Data File : BM005595.D
Acq On : 22 May 2016 20:15
Operator : UM/SJ
Sample : H3087-13
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHGK6

Quant Time: May 23 05:34:18 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon May 23 05:32:02 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	59296	20.00	ng/ul	0.00
18) Naphthalene-d8	10.60	136	294852	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.45	164	190605	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	481575	20.00	ng/ul	0.00
75) Chrysene-d12	21.36	240	658472	20.00	ng/ul	0.00
83) Perylene-d12	23.63	264	752077	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.29	96	4276	3.16	ng/uL	0.00
5) Phenol-d5	6.98	99	99180	20.41	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	63888	22.68	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	82385	20.32	ng/ul	0.00
13) 4-Methylphenol-d8	8.51	113	73935	18.56	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	43506	19.30	ng/ul	0.00
22) 2-Nitrophenol-d4	9.69	143	49936	20.12	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	86889	18.59	ng/ul	0.00
29) 4-Chloroaniline-d4	10.73	131	119385	25.51	ng/ul	0.00
43) Dimethylphthalate-d6	13.85	166	324104	20.83	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	398053	20.46	ng/ul	0.00
51) 4-Nitrophenol-d4	14.64	143	44174	15.01	ng/ul	-0.01
57) Fluorene-d10	15.43	176	299632	22.13	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.55	200	31428	11.35	ng/ul	0.00
70) Anthracene-d10	17.28	188	488891	21.31	ng/ul	0.00
76) Pyrene-d10	19.57	212	604662	20.28	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.49	264	742835	21.15	ng/ul	-0.01
Target Compounds						Qvalue
14) Acetophenone	8.63	105	8709	1.45	ng/ul	94
44) Dimethylphthalate	13.90	163	57431	3.74	ng/ul	99
69) Phenanthrene	17.23	178	101038	3.75	ng/ul	99
74) Fluoranthene	19.24	202	867092	28.62	ng/ul	97
77) Pyrene	19.60	202	494434	13.06	ng/ul	99
80) Benzo(a)anthracene	21.34	228	115710	2.99	ng/ul	97
82) Chrysene	21.39	228	269767	7.33	ng/ul	97
85) Benzo(b)fluoranthene	22.94	252	346310	7.81	ng/ul	96
86) Benzo(k)fluoranthene	22.94	252	346310	8.25	ng/ul	97
88) Benzo(a)pyrene	23.53	252	133700	3.11	ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	25.92	276	104227	2.04	ng/ul	98
91) Benzo(g,h,i)perylene	26.63	276	83207	1.94	ng/ul	97

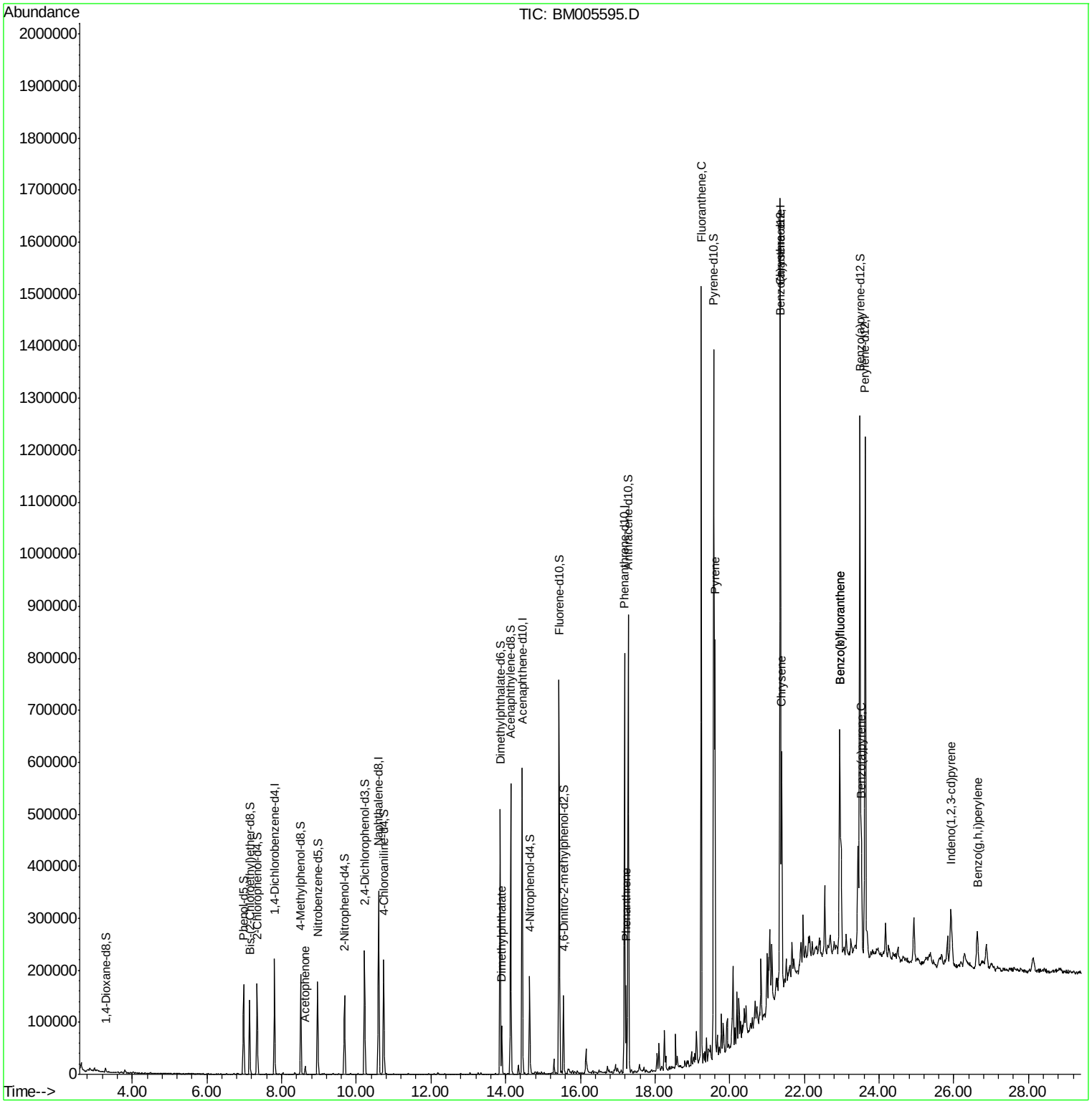
(#) = qualifier out of range (m) = manual integration (+) = signals summed

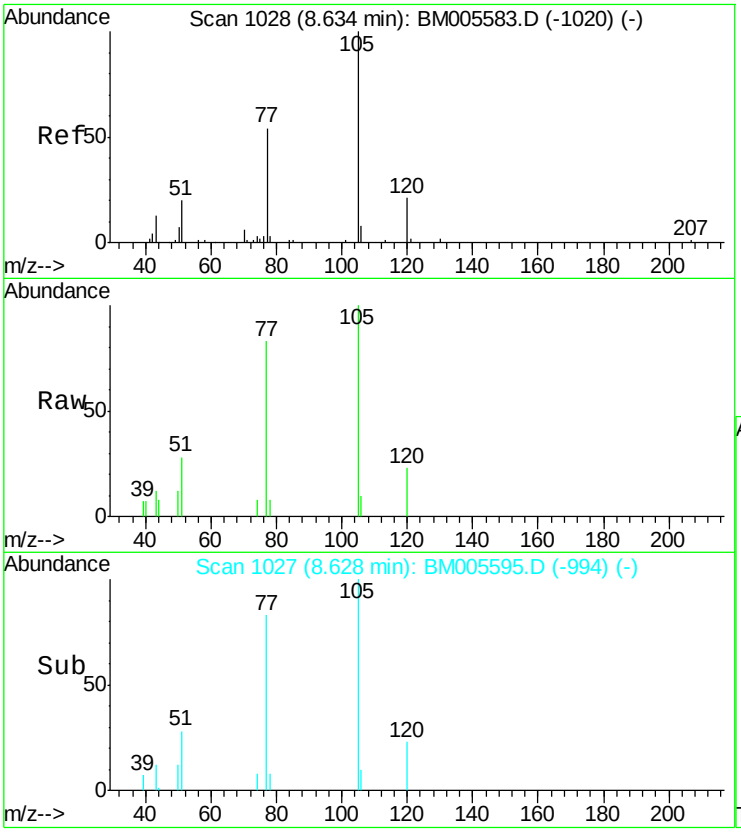
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052216\
Data File : BM005595.D
Acq On : 22 May 2016 20:15
Operator : UM/SJ
Sample : H3087-13
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHGK6

Quant Time: May 23 05:34:18 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon May 23 05:32:02 2016
Response via : Initial Calibration



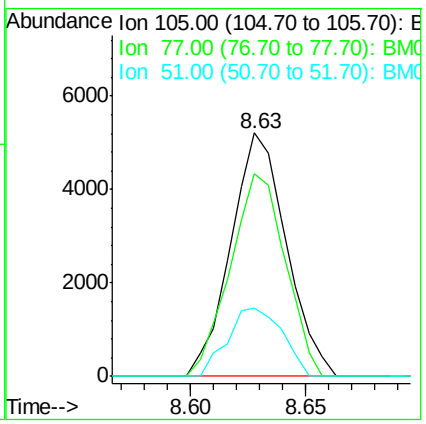


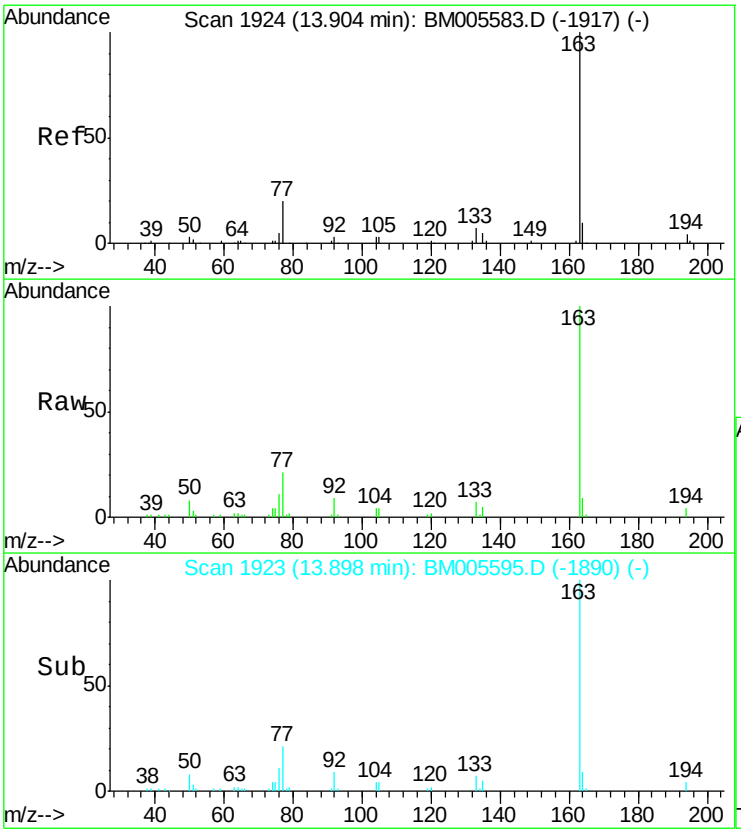
#14
Acetophenone
Concen: 1.45 ng/ul
RT: 8.63 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BM005595.D
Acq: 22 May 2016 20:15

Instrument :
BNA_M
ClientSampleId :
JHGK6

Tgt Ion:105 Resp: 8709

Ion	Ratio	Lower	Upper
105	100		
77	83.3	60.8	91.2
51	28.0	22.2	33.2

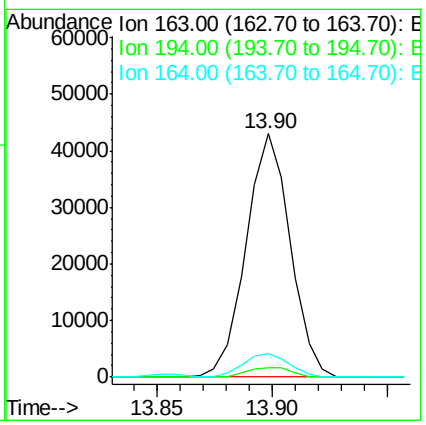


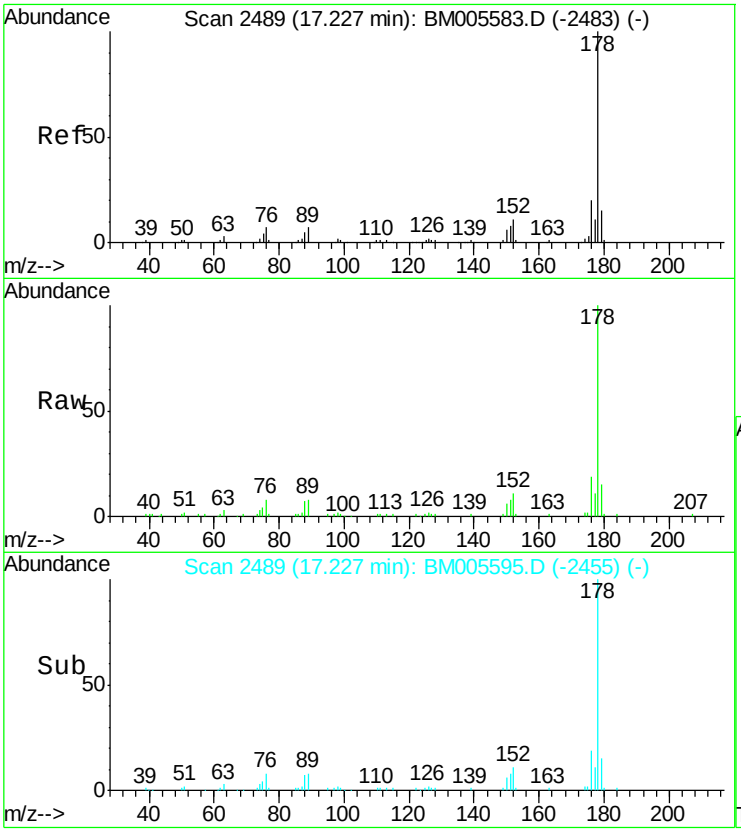


#44
Dimethylphthalate
Concen: 3.74 ng/ul
RT: 13.90 min Scan# 1923
Delta R.T. -0.01 min
Lab File: BM005595.D
Acq: 22 May 2016 20:15

Tgt Ion:163 Resp: 57431

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.4	5.0
164	9.4	8.0	12.0



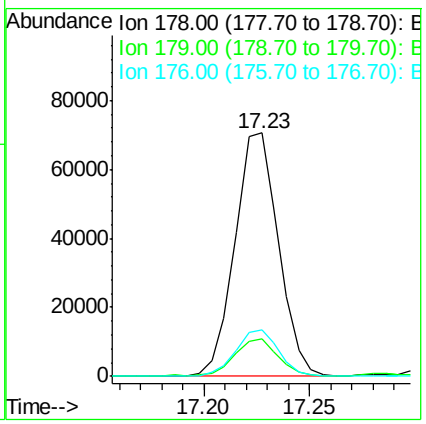


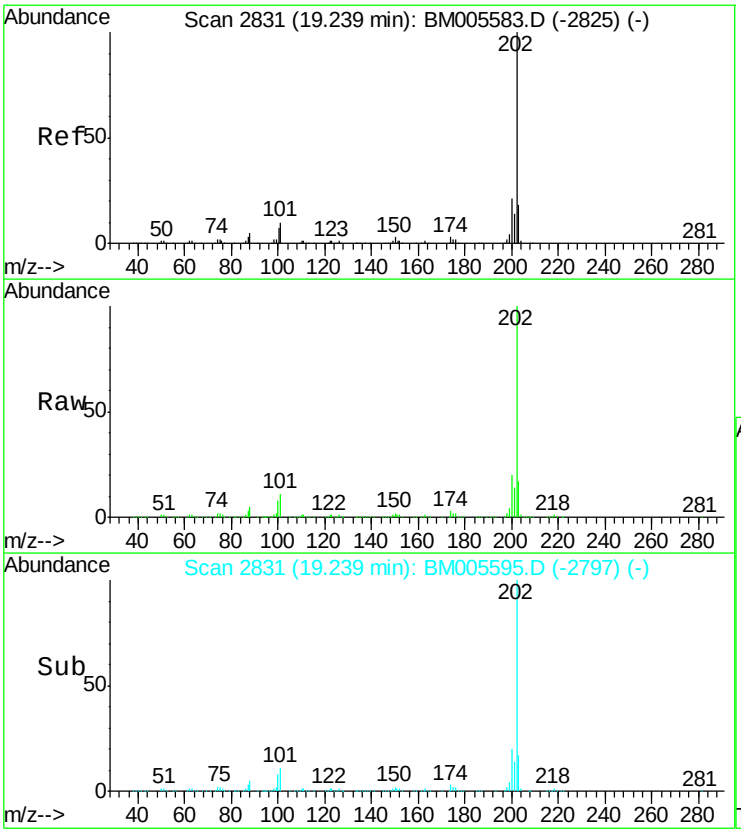
#69
Phenanthrene
Concen: 3.75 ng/ul
RT: 17.23 min Scan# 2489
Delta R.T. -0.00 min
Lab File: BM005595.D
Acq: 22 May 2016 20:15

Instrument :
BNA_M
ClientSampleId :
JHGK6

Tgt Ion:178 Resp: 101038

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.2	18.2
176	19.0	15.8	23.6

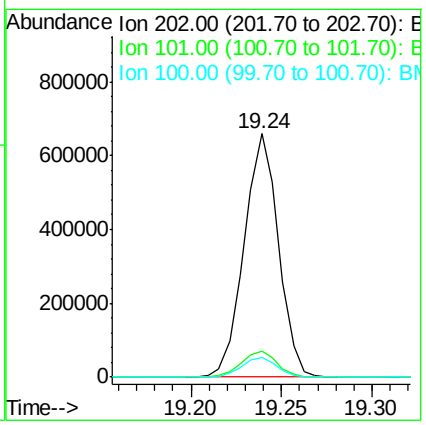


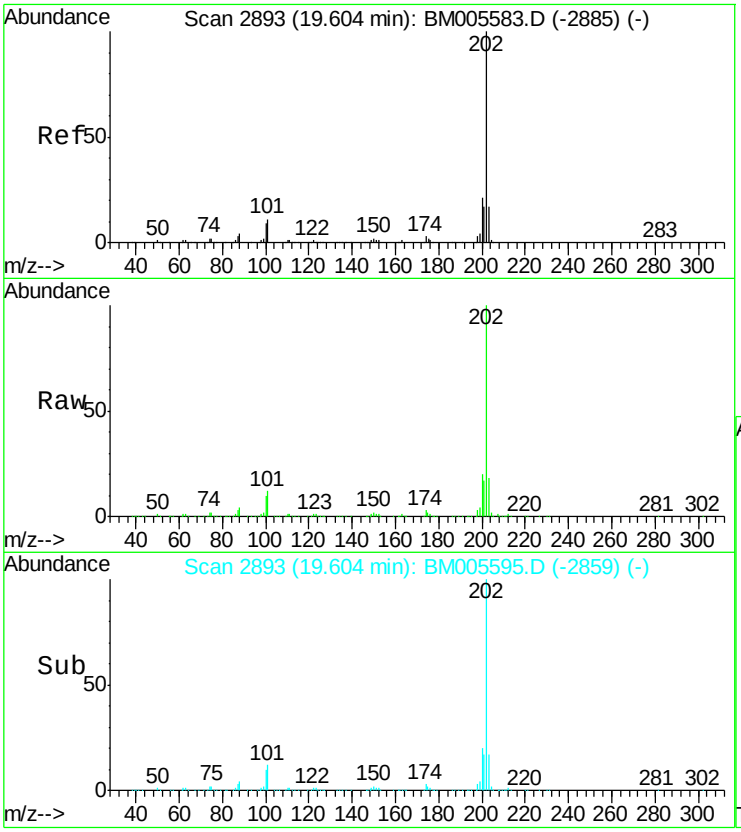


#74
Fluoranthene
Concen: 28.62 ng/ul
RT: 19.24 min Scan# 2831
Delta R.T. -0.00 min
Lab File: BM005595.D
Acq: 22 May 2016 20:15

Tgt Ion:202 Resp: 867092

Ion	Ratio	Lower	Upper
202	100		
101	10.9	7.9	11.9
100	7.9	5.6	8.4



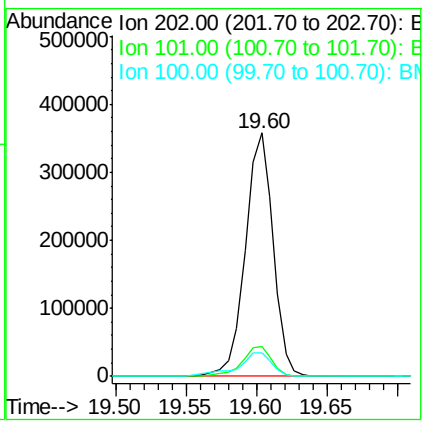


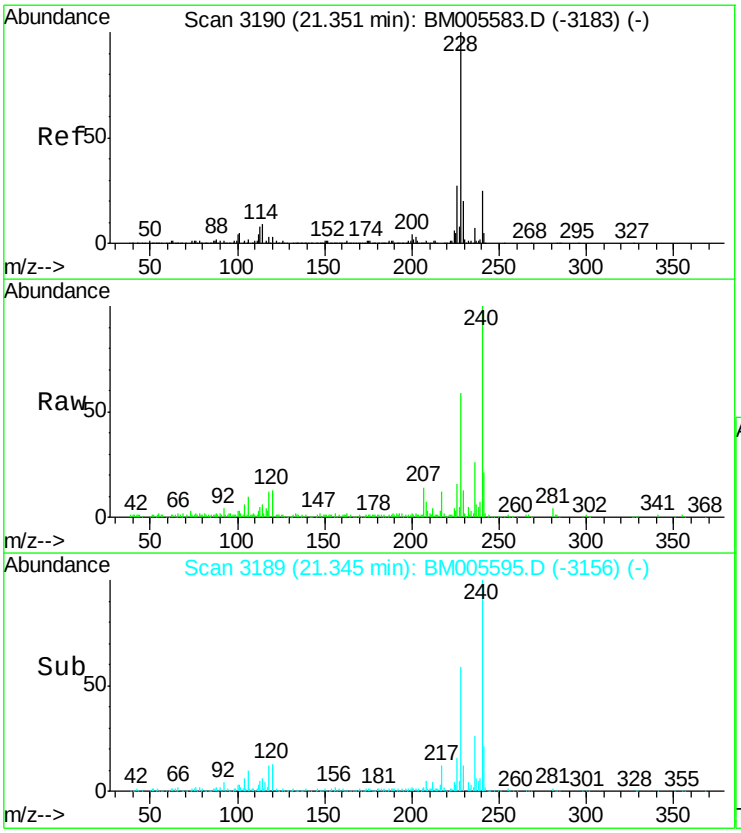
#77
Pyrene
Concen: 13.06 ng/ul
RT: 19.60 min Scan# 2893
Delta R.T. -0.00 min
Lab File: BM005595.D
Acq: 22 May 2016 20:15

Instrument :
BNA_M
ClientSampleId :
JHGK6

Tgt Ion:202 Resp: 494434

Ion	Ratio	Lower	Upper
202	100		
101	12.4	9.6	14.4
100	9.8	7.8	11.6

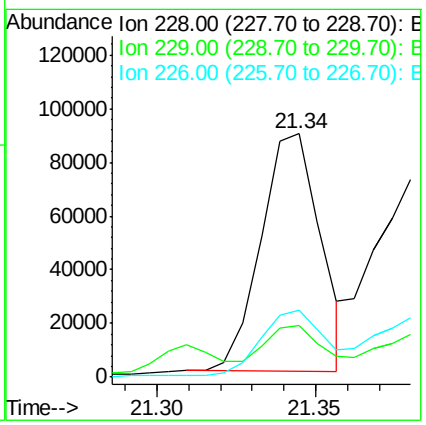


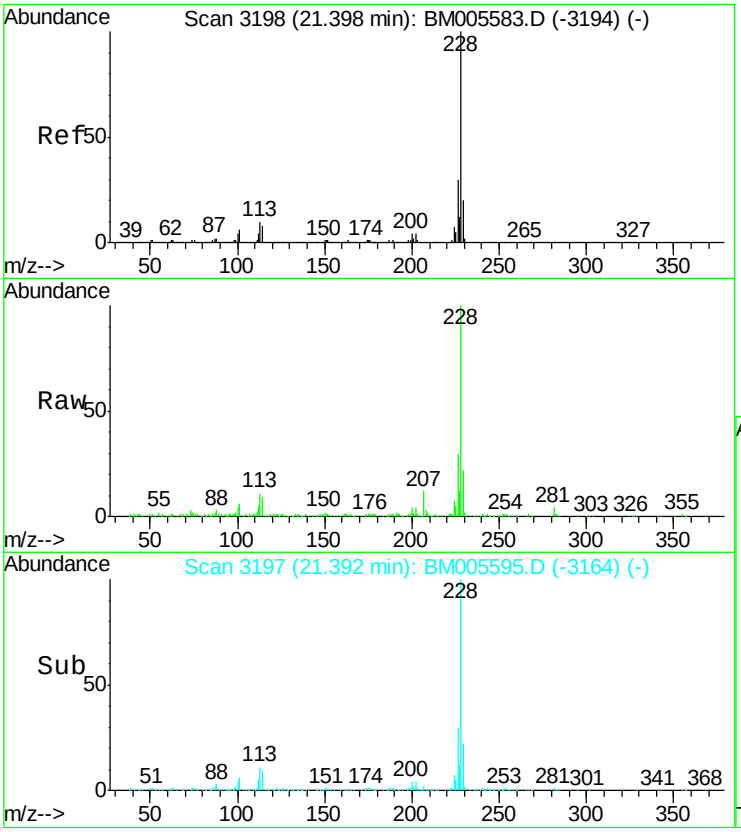


#80
Benzo(a)anthracene
Concen: 2.99 ng/ul
RT: 21.34 min Scan# 3189
Delta R.T. -0.01 min
Lab File: BM005595.D
Acq: 22 May 2016 20:15

Tgt Ion:228 Resp: 115710

Ion	Ratio	Lower	Upper
228	100		
229	21.3	15.4	23.2
226	27.5	21.0	31.4



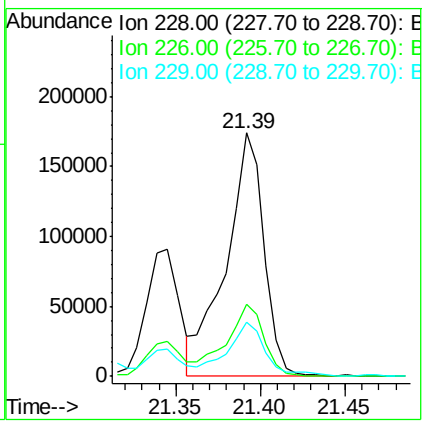


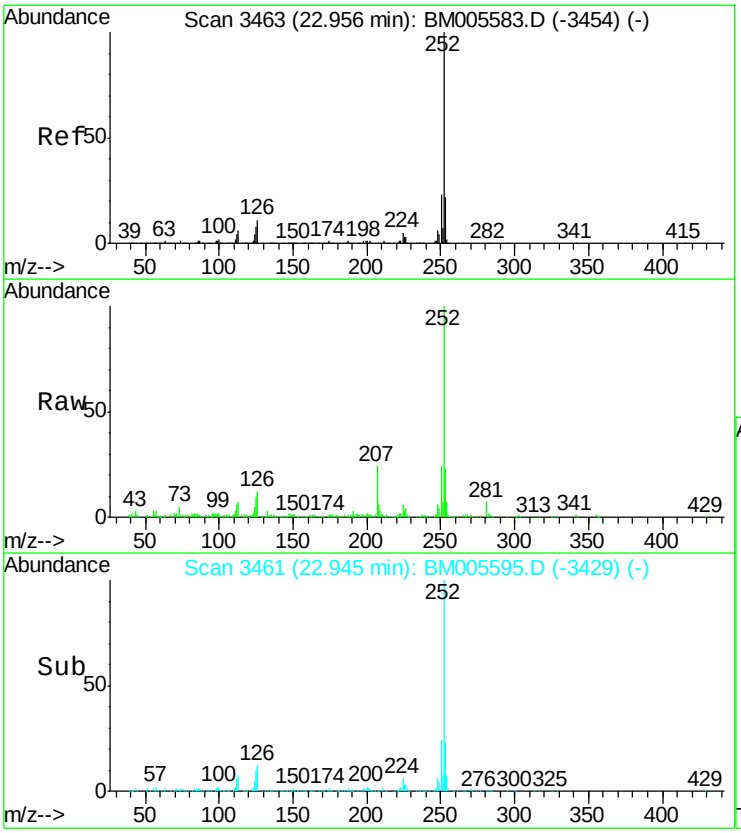
#82
Chrysene
Concen: 7.33 ng/ul
RT: 21.39 min Scan# 3197
Delta R.T. -0.01 min
Lab File: BM005595.D
Acq: 22 May 2016 20:15

Instrument :
BNA_M
ClientSampleId :
JHGK6

Tgt Ion:228 Resp: 269767

Ion	Ratio	Lower	Upper
228	100		
226	29.7	23.7	35.5
229	22.2	15.5	23.3

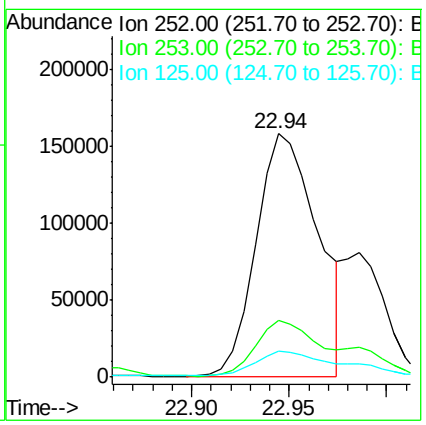


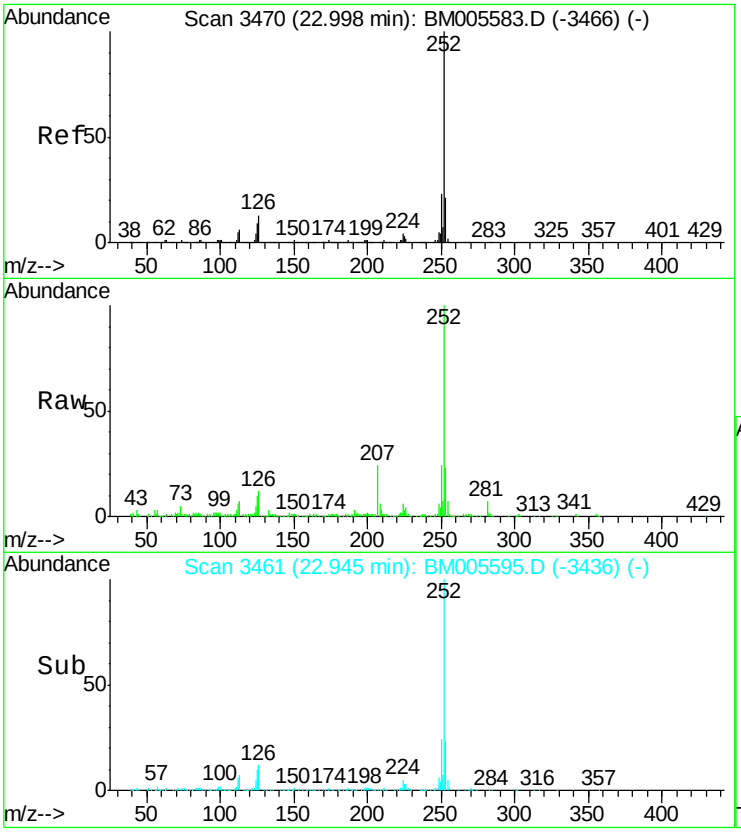


#85
Benzo(b)fluoranthene
Concen: 7.81 ng/ul
RT: 22.94 min Scan# 3461
Delta R.T. -0.01 min
Lab File: BM005595.D
Acq: 22 May 2016 20:15

Tgt Ion:252 Resp: 346310

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.3	25.9
125	10.4	7.0	10.4



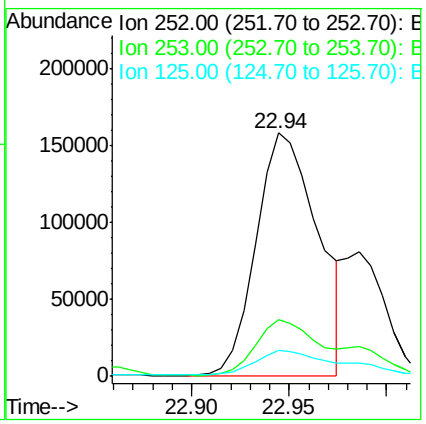


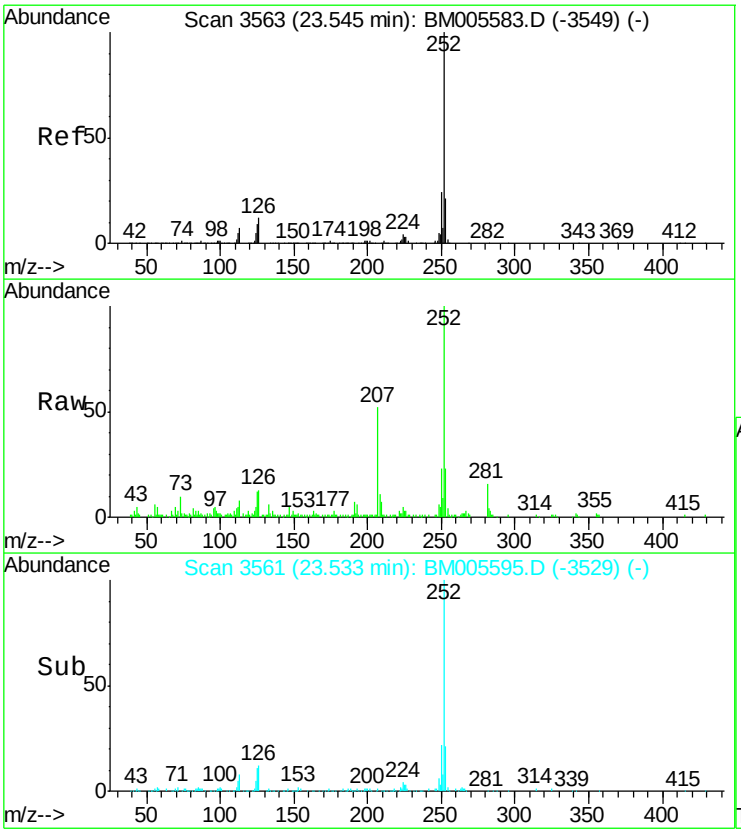
#86
Benzo(k)fluoranthene
Concen: 8.25 ng/ul
RT: 22.94 min Scan# 3461
Delta R.T. -0.05 min
Lab File: BM005595.D
Acq: 22 May 2016 20:15

Instrument :
BNA_M
ClientSampleId :
JHGK6

Tgt Ion:252 Resp: 346310

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.5	26.3
125	10.4	7.0	10.6

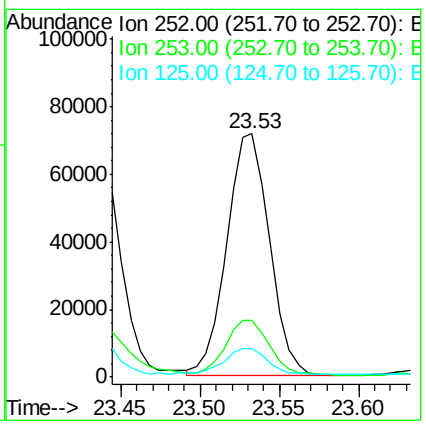


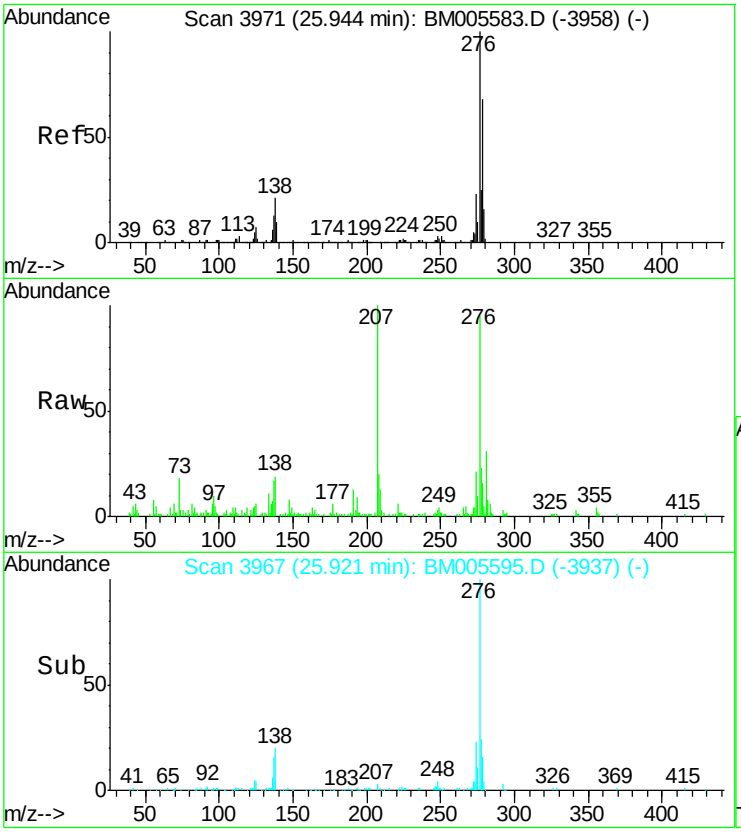


#88
Benzo(a)pyrene
Concen: 3.11 ng/ul
RT: 23.53 min Scan# 3561
Delta R.T. -0.01 min
Lab File: BM005595.D
Acq: 22 May 2016 20:15

Tgt Ion:252 Resp: 133700

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.6	26.4
125	11.8	7.6	11.4#



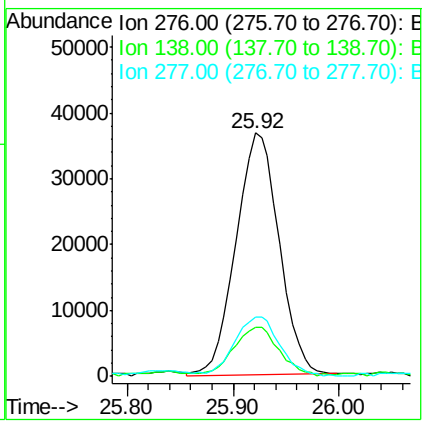


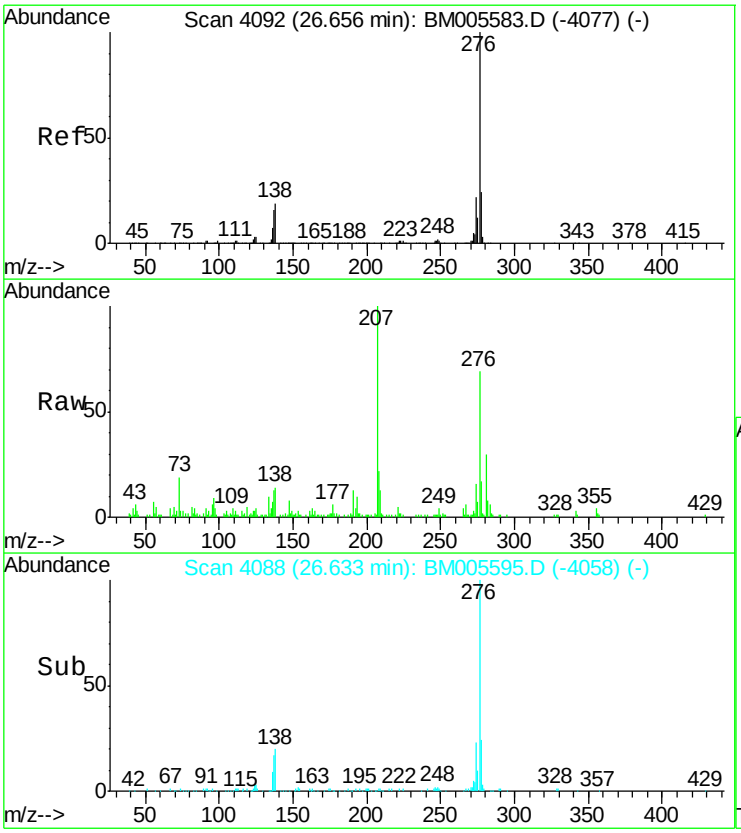
#89
Indeno(1,2,3-cd)pyrene
Concen: 2.04 ng/ul
RT: 25.92 min Scan# 3967
Delta R.T. -0.02 min
Lab File: BM005595.D
Acq: 22 May 2016 20:15

Instrument :
BNA_M
ClientSampleId :
JHGK6

Tgt Ion:276 Resp: 104227

Ion	Ratio	Lower	Upper
276	100		
138	20.2	16.9	25.3
277	24.4	20.2	30.4





#91
Benzo(g,h,i)perylene
Concen: 1.94 ng/ul
RT: 26.63 min Scan# 4088
Delta R.T. -0.02 min
Lab File: BM005595.D
Acq: 22 May 2016 20:15

Tgt Ion:276 Resp: 83207

Ion	Ratio	Lower	Upper
276	100		
138	19.9	15.0	22.6
277	25.1	18.6	28.0