Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052216\
Data File : BM005590.D
Acq On : 22 May 2016 17:13
Operator : UM/SJ
Sample : H3087-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHGK1

Quant Time: May 23 05:33:11 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	37618	20.00	ng/ul	0.00
18) Naphthalene-d8	10.60	136	187558	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.45	164	130921	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	334846	20.00	ng/ul	0.00
75) Chrysene-d12	21.36	240	463375	20.00	ng/ul	0.00
83) Perylene-d12	23.64	264	521852	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.29	96	2731	3.18	ng/uL	0.00
5) Phenol-d5	6.98	99	69407	22.51	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	42742	23.92	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	57271	22.26	ng/ul	0.00
13) 4-Methylphenol-d8	8.52	113	62594	24.77	ng/ul	0.00
19) Nitrobenzene-d5	8.97	128	30078	20.97	ng/ul	0.00
22) 2-Nitrophenol-d4	9.69	143	34856	22.08	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	62831	21.13	ng/ul	0.00
29) 4-Chloroaniline-d4	10.73	131	90167	30.28	ng/ul	0.00
43) Dimethylphthalate-d6	13.85	166	252118	23.59	ng/ul	0.00
46) Acenaphthylene-d8	14.14	160	290950	21.78	ng/ul	0.00
51) 4-Nitrophenol-d4	14.65	143	41325	20.44	ng/ul	0.00
57) Fluorene-d10	15.44	176	218895	23.54	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.55	200	29619	15.38	ng/ul	0.00
70) Anthracene-d10	17.29	188	365715	22.93	ng/ul	0.00
76) Pyrene-d10	19.57	212	452883	21.58	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.49	264	548545	22.51	ng/ul	0.00
Target Compounds						Qvalue
44) Dimethylphthalate	13.90	163	154314	14.61	ng/ul	99
69) Phenanthrene	17.23	178	36024	1.92	ng/ul	99
74) Fluoranthene	19.24	202	74140	3.52	ng/ul	99
77) Pyrene	19.60	202	70988	2.66	ng/ul	97
80) Benzo(a)anthracene	21.34	228	30818	1.13	ng/ul	97
82) Chrysene	21.34	228	31884	1.23	ng/ul	96
85) Benzo(b)fluoranthene	22.95	252	41117	1.34	ng/ul#	79
86) Benzo(k)fluoranthene	22.95	252	41117	1.41	ng/ul#	79
88) Benzo(a)pyrene	23.54	252	31416	1.05	ng/ul#	78

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

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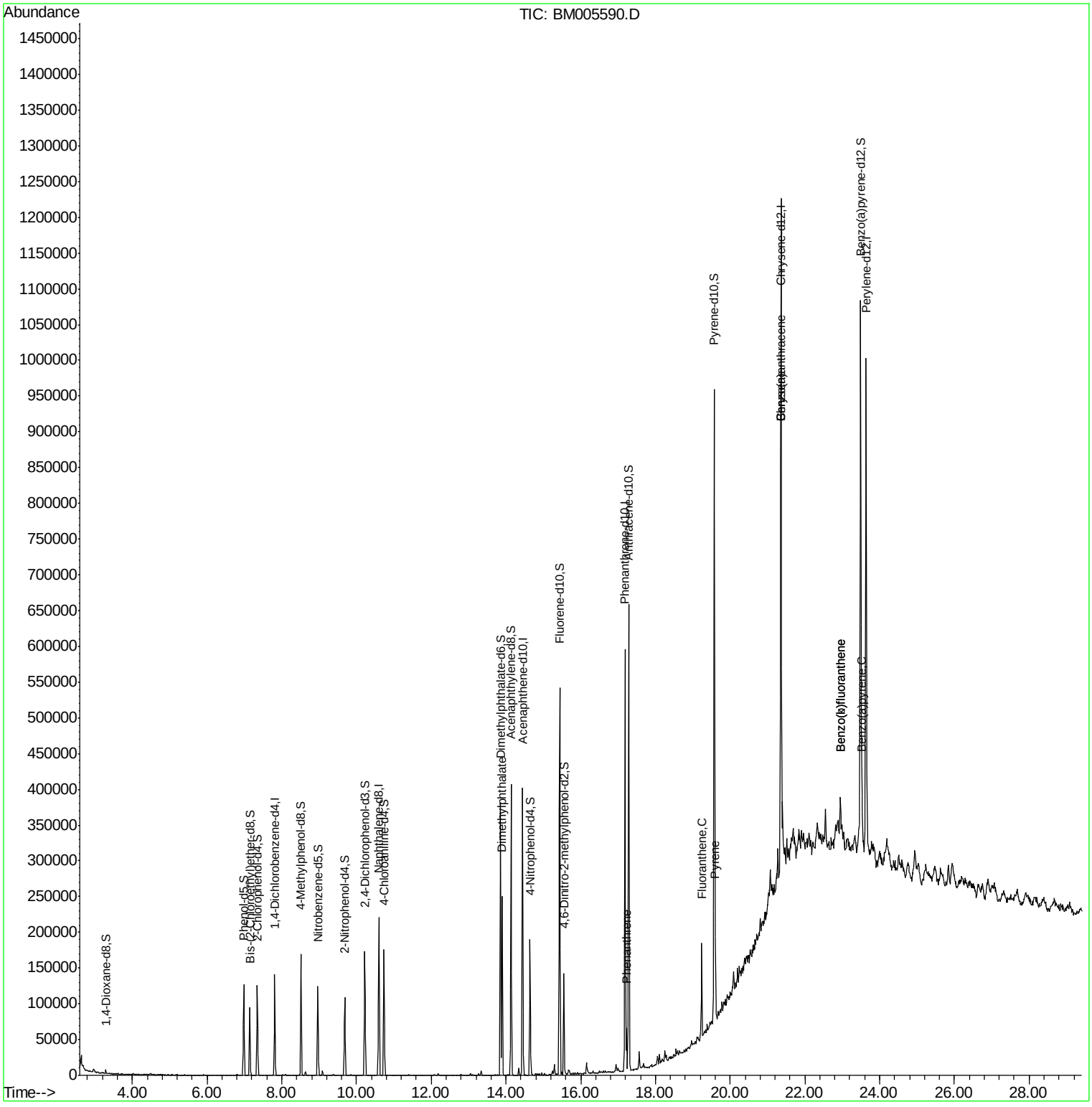
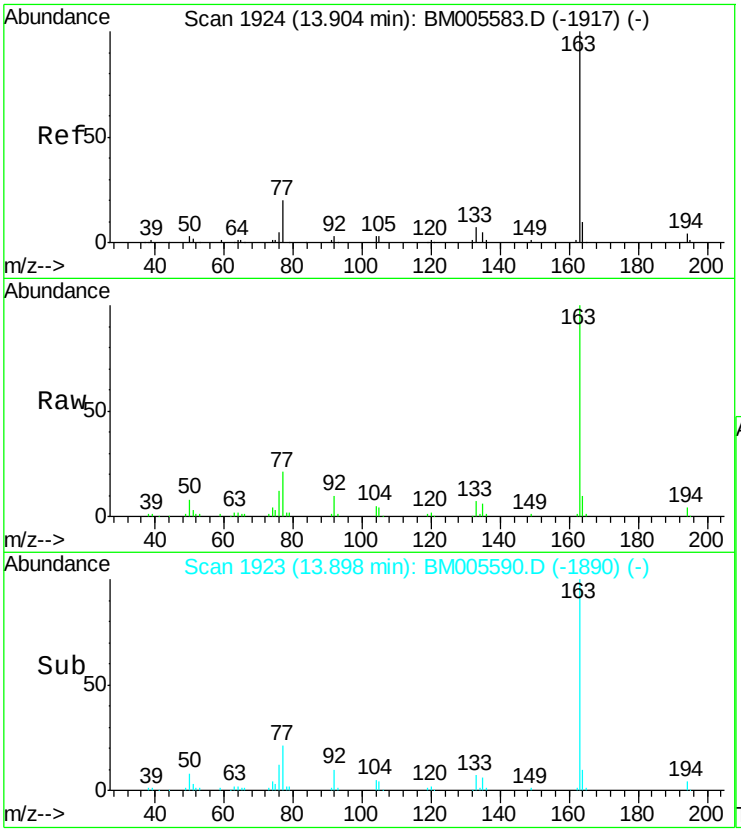


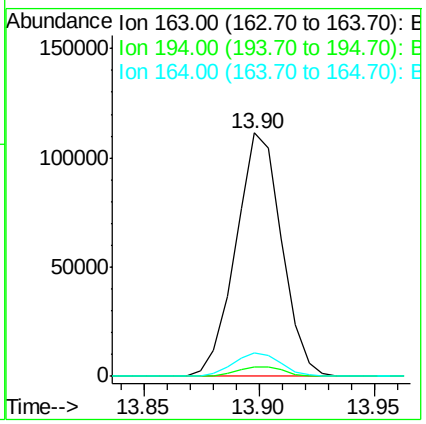


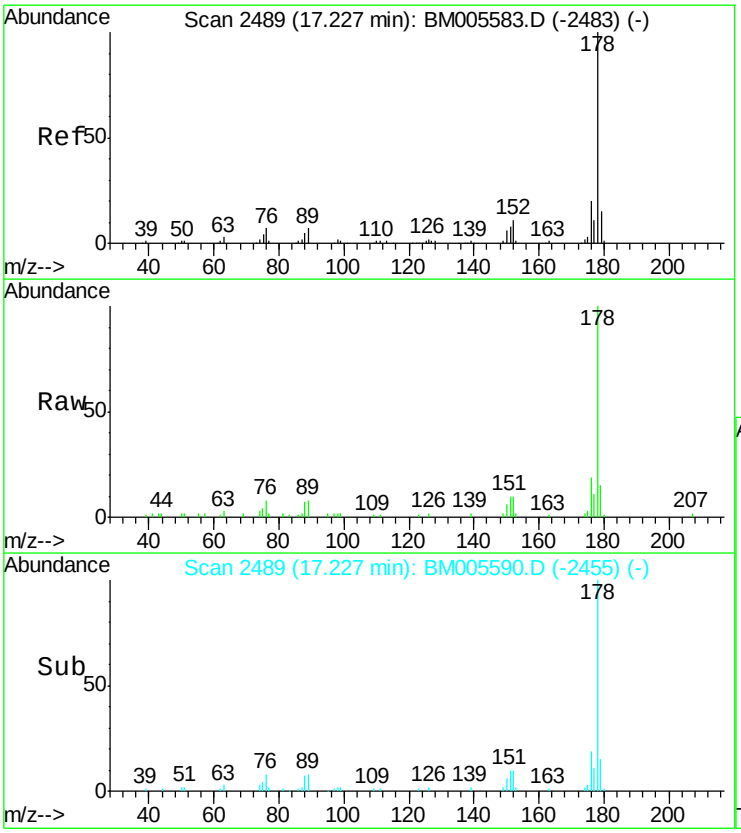
#44
Dimethylphthalate
Concen: 14.61 ng/ul
RT: 13.90 min Scan# 1923
Delta R.T. -0.01 min
Lab File: BM005590.D
Acq: 22 May 2016 17:13

Instrument :
BNA_M
ClientSampleId :
JHGK1

Tgt Ion:163 Resp: 154314

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.4	5.0
164	9.7	8.0	12.0

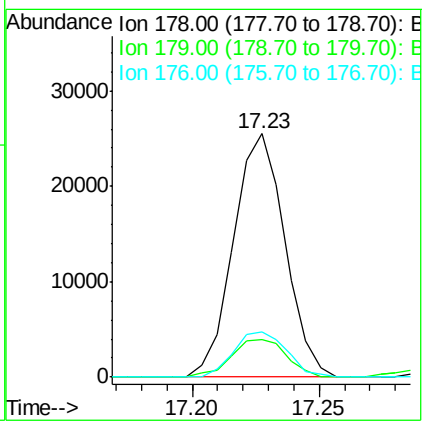


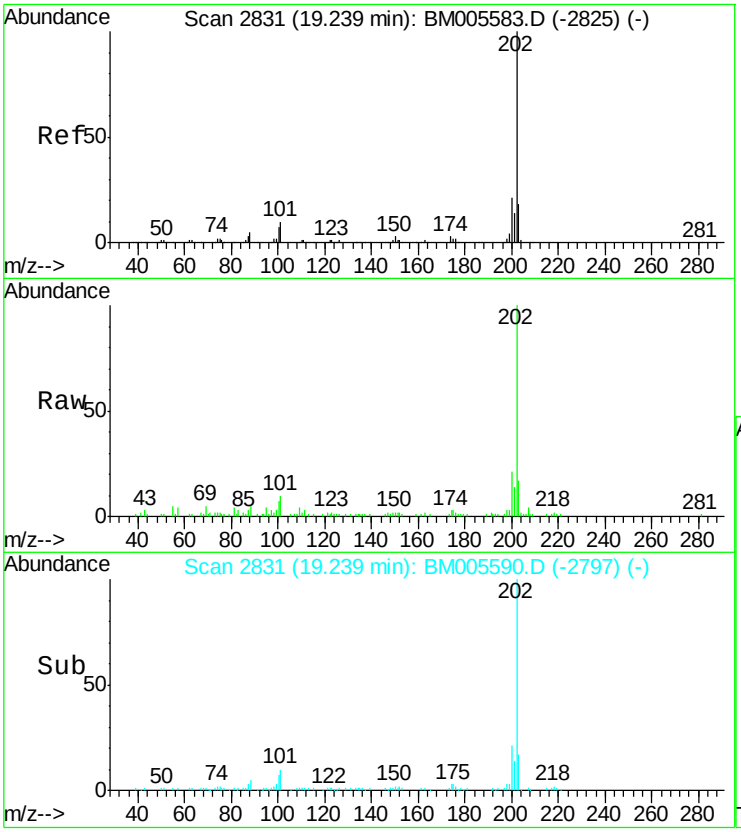


#69
Phenanthrene
Concen: 1.92 ng/ul
RT: 17.23 min Scan# 2489
Delta R.T. -0.00 min
Lab File: BM005590.D
Acq: 22 May 2016 17:13

Tgt Ion:178 Resp: 36024

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.2	18.2
176	18.7	15.8	23.6



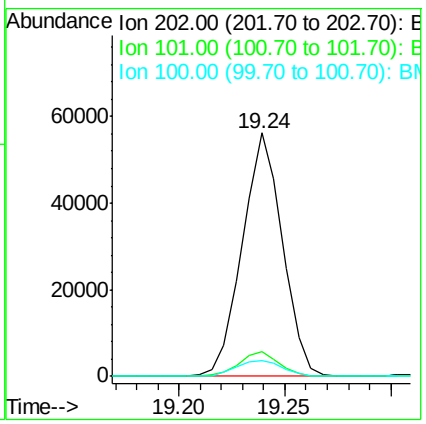


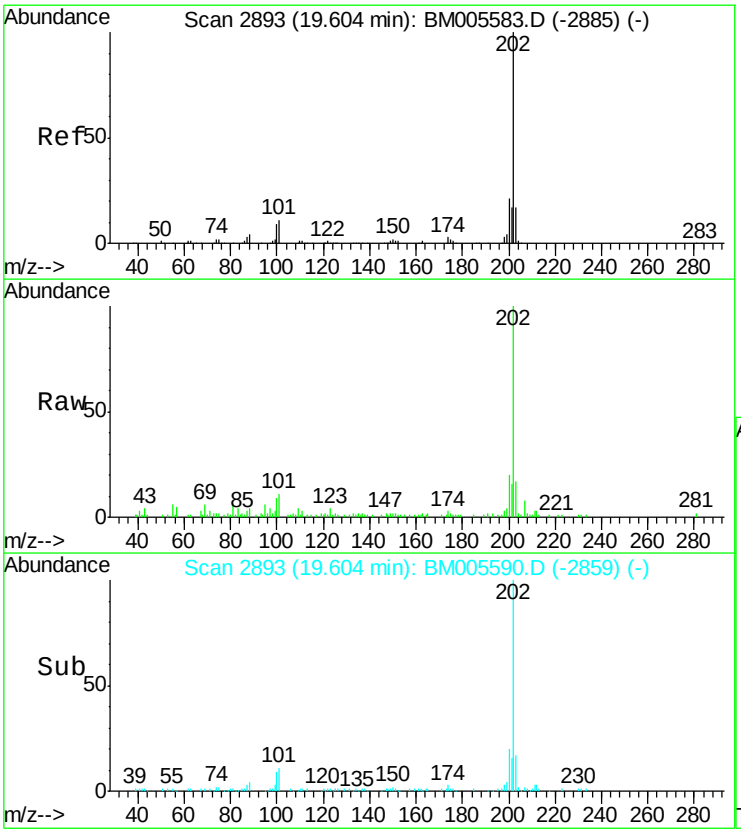
#74
Fluoranthene
Concen: 3.52 ng/ul
RT: 19.24 min Scan# 2831
Delta R.T. -0.00 min
Lab File: BM005590.D
Acq: 22 May 2016 17:13

Instrument :
BNA_M
ClientSampleId :
JHGK1

Tgt Ion:202 Resp: 74140

Ion	Ratio	Lower	Upper
202	100		
101	10.1	7.9	11.9
100	6.7	5.6	8.4

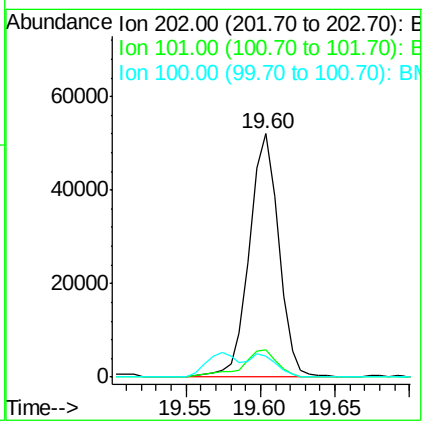


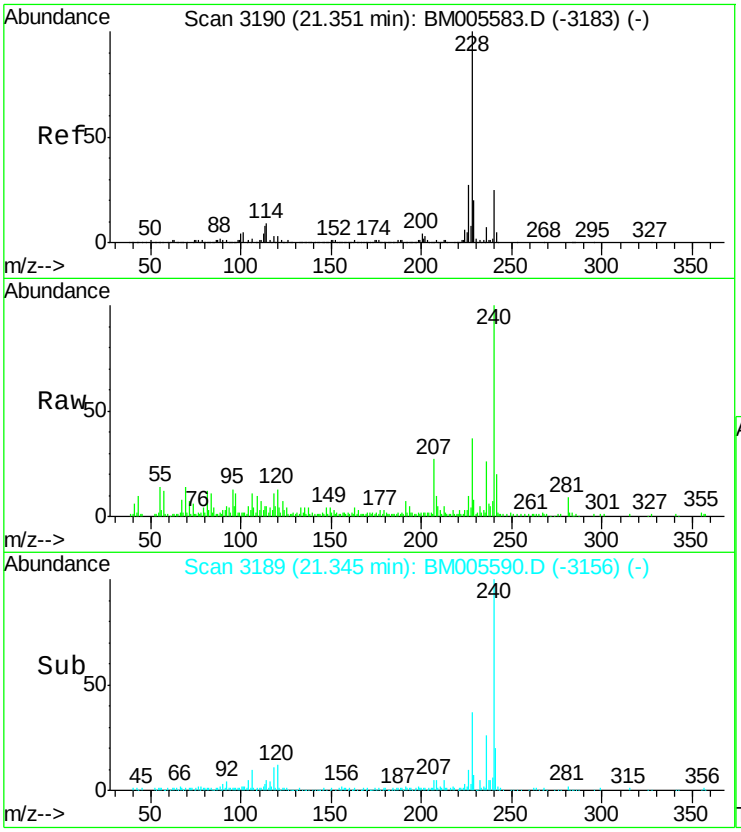


#77
Pyrene
Concen: 2.66 ng/ul
RT: 19.60 min Scan# 2893
Delta R.T. -0.00 min
Lab File: BM005590.D
Acq: 22 May 2016 17:13

Tgt Ion:202 Resp: 70988

Ion	Ratio	Lower	Upper
202	100		
101	11.0	9.6	14.4
100	8.6	7.8	11.6



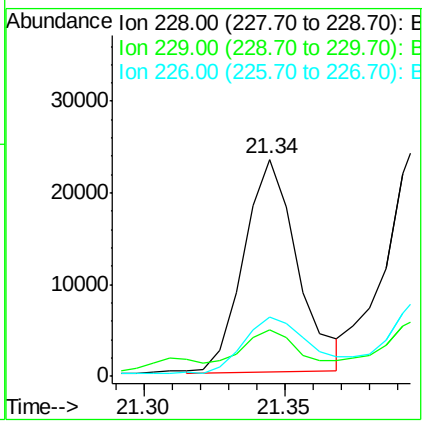


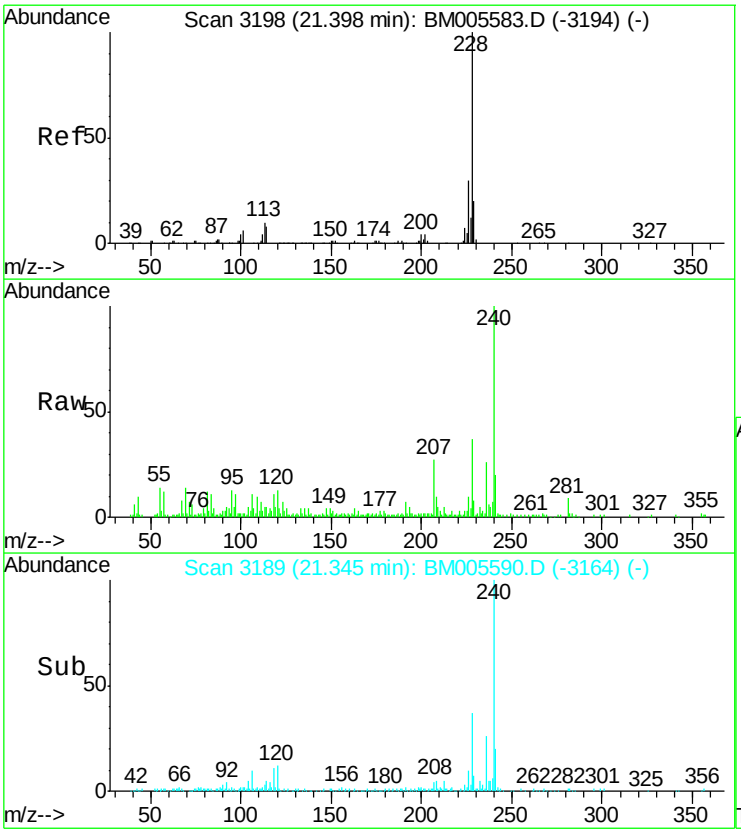
#80
Benzo(a)anthracene
Concen: 1.13 ng/ul
RT: 21.34 min Scan# 3189
Delta R.T. -0.01 min
Lab File: BM005590.D
Acq: 22 May 2016 17:13

Instrument :
BNA_M
ClientSampleId :
JHGK1

Tgt Ion:228 Resp: 30818

Ion	Ratio	Lower	Upper
228	100		
229	21.3	15.4	23.2
226	27.1	21.0	31.4

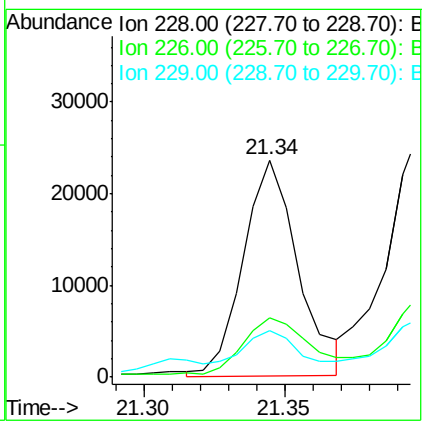


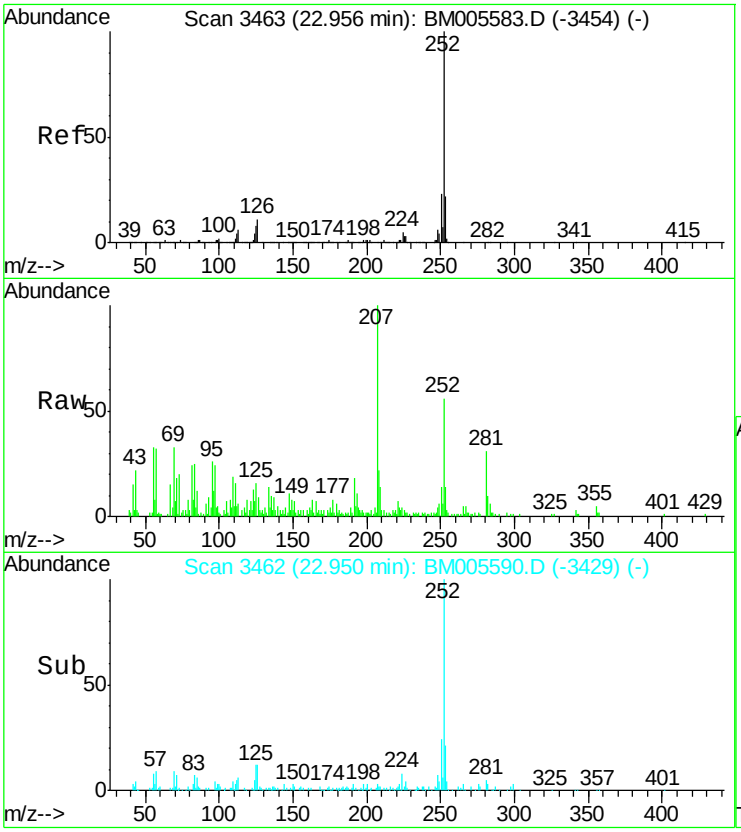


#82
Chrysene
Concen: 1.23 ng/ul
RT: 21.34 min Scan# 3189
Delta R.T. -0.05 min
Lab File: BM005590.D
Acq: 22 May 2016 17:13

Tgt Ion:228 Resp: 31884

Ion	Ratio	Lower	Upper
228	100		
226	27.1	23.7	35.5
229	21.3	15.5	23.3



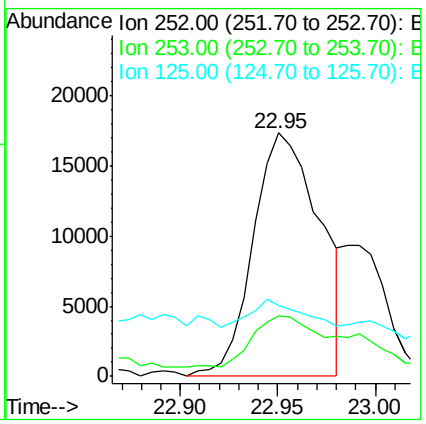


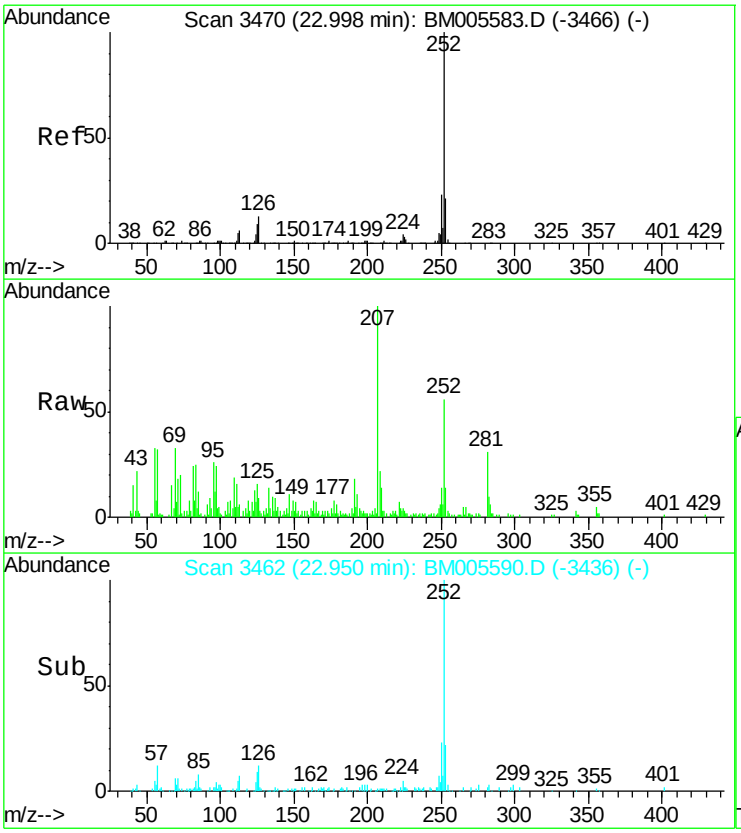
#85
Benzo(b)fluoranthene
Concen: 1.34 ng/ul
RT: 22.95 min Scan# 3462
Delta R.T. -0.01 min
Lab File: BM005590.D
Acq: 22 May 2016 17:13

Instrument :
BNA_M
ClientSampleId :
JHGK1

Tgt Ion:252 Resp: 41117

Ion	Ratio	Lower	Upper
252	100		
253	24.9	17.3	25.9
125	29.0	7.0	10.4#

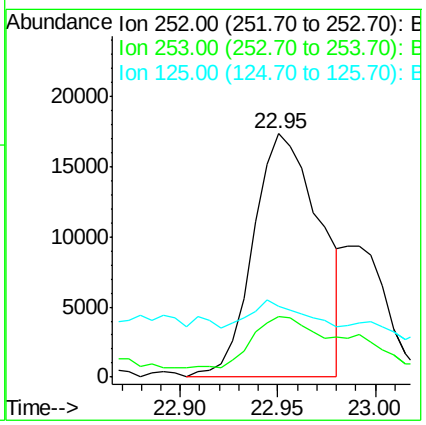


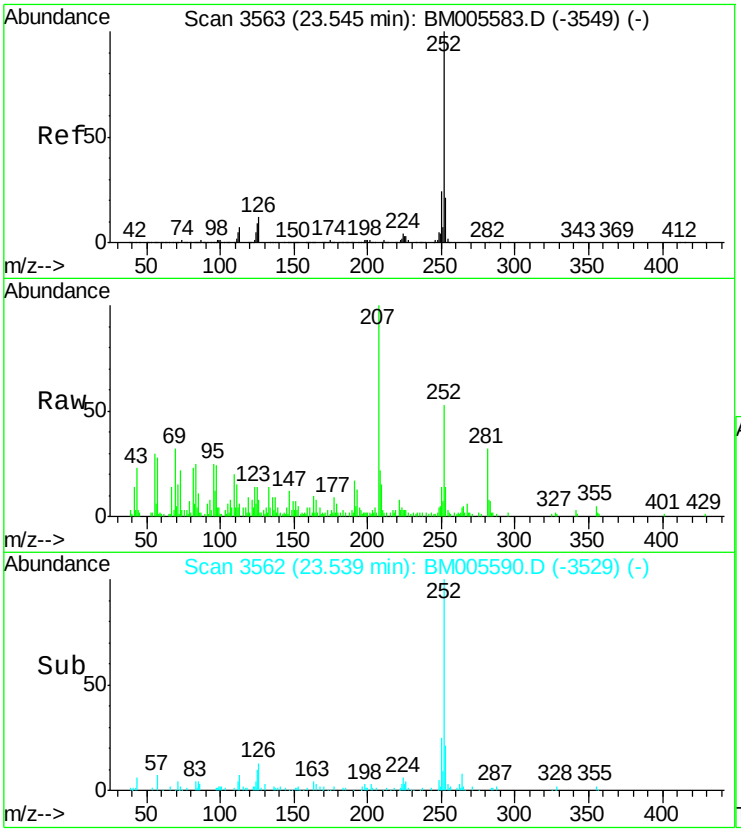


#86
Benzo(k)fluoranthene
Concen: 1.41 ng/ul
RT: 22.95 min Scan# 3462
Delta R.T. -0.05 min
Lab File: BM005590.D
Acq: 22 May 2016 17:13

Tgt Ion:252 Resp: 41117

Ion	Ratio	Lower	Upper
252	100		
253	24.9	17.5	26.3
125	29.0	7.0	10.6#





#88
Benzo(a)pyrene
Concen: 1.05 ng/ul
RT: 23.54 min Scan# 3562
Delta R.T. -0.01 min
Lab File: BM005590.D
Acq: 22 May 2016 17:13

Instrument :
BNA_M
ClientSampleId :
JHGK1

Tgt Ion:252 Resp: 31416

Ion	Ratio	Lower	Upper
252	100		
253	26.8	17.6	26.4#
125	27.4	7.6	11.4#