Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM090316\
Data File : BM007407.D
Acq On : 03 Sep 2016 14:57
Operator : UM/SJ
Sample : H4655-01
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0001

Quant Time: Sep 05 04:07:02 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM082316.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 05 01:45:04 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	293195	20.00	ng/ul	0.00
18) Naphthalene-d8	10.58	136	1326235	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.43	164	908442	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.17	188	2229797	20.00	ng/ul	0.00
75) Chrysene-d12	21.36	240	2600548	20.00	ng/ul	0.00
83) Perylene-d12	23.63	264	2211117	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.30	96	12676	2.21	ng/uL	0.00
5) Phenol-d5	6.96	99	315004	11.37	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	176104	12.10	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	250646	12.24	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	253931	10.51	ng/ul	0.00
19) Nitrobenzene-d5	8.95	128	128101	13.16	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	149326	13.13	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.20	165	280121	12.38	ng/ul	0.00
29) 4-Chloroaniline-d4	10.72	131	296122	10.49	ng/ul	0.00
43) Dimethylphthalate-d6	13.83	166	970083	12.38	ng/ul	0.00
46) Acenaphthylene-d8	14.12	160	1191195	13.11	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	150621	10.18	ng/ul	0.00
57) Fluorene-d10	15.42	176	893260	13.18	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.55	200	132609	9.46	ng/ul	0.00
70) Anthracene-d10	17.27	188	1485245	14.26	ng/ul	0.00
76) Pyrene-d10	19.56	212	1780698	16.38	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.48	264	1445197	14.19	ng/ul	0.00
Target Compounds						Qvalue
44) Dimethylphthalate	13.88	163	497991	6.38	ng/ul	99
69) Phenanthrene	17.21	178	198449	1.66	ng/ul	98
74) Fluoranthene	19.23	202	528509	3.52	ng/ul	99
77) Pyrene	19.59	202	459892	3.30	ng/ul	98
80) Benzo(a)anthracene	21.34	228	273482	1.78	ng/ul	94
81) Bis(2-ethylhexyl)phthalate	21.26	149	1267059	15.05	ng/ul	99
82) Chrysene	21.39	228	327807	2.36	ng/ul	95
85) Benzo(b)fluoranthene	22.94	252	385931	2.95	ng/ul#	91
88) Benzo(a)pyrene	23.53	252	232642	1.86	ng/ul#	91
91) Benzo(g,h,i)perylene	26.63	276	137192	1.05	ng/ul	98

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

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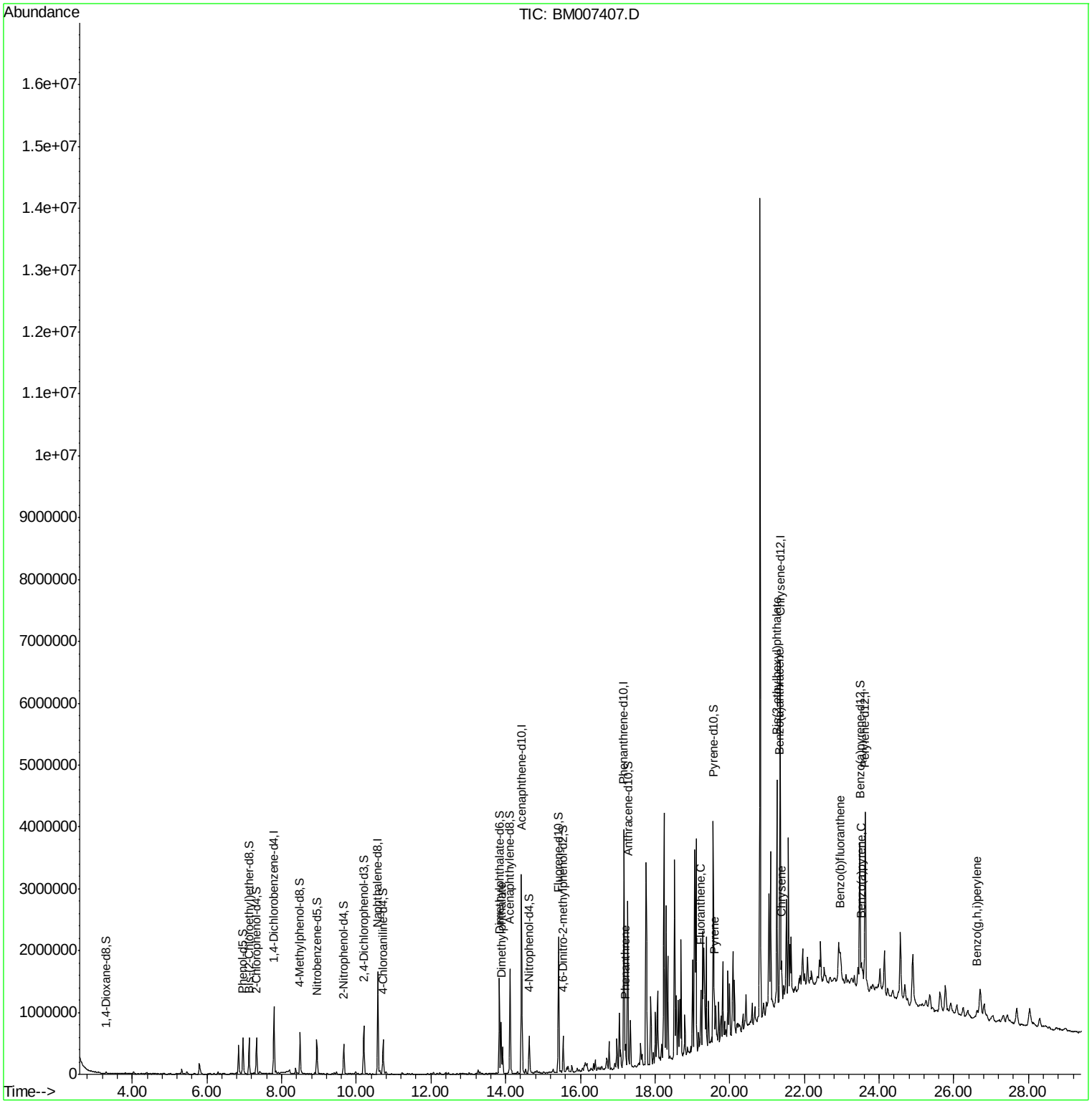
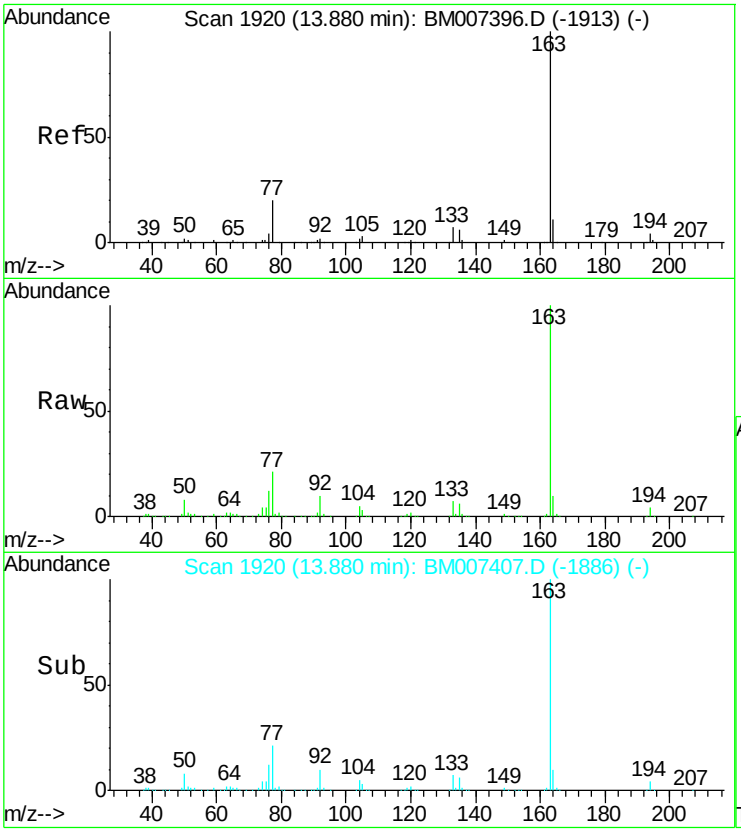


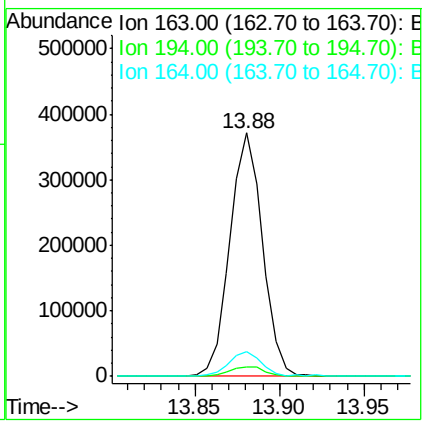


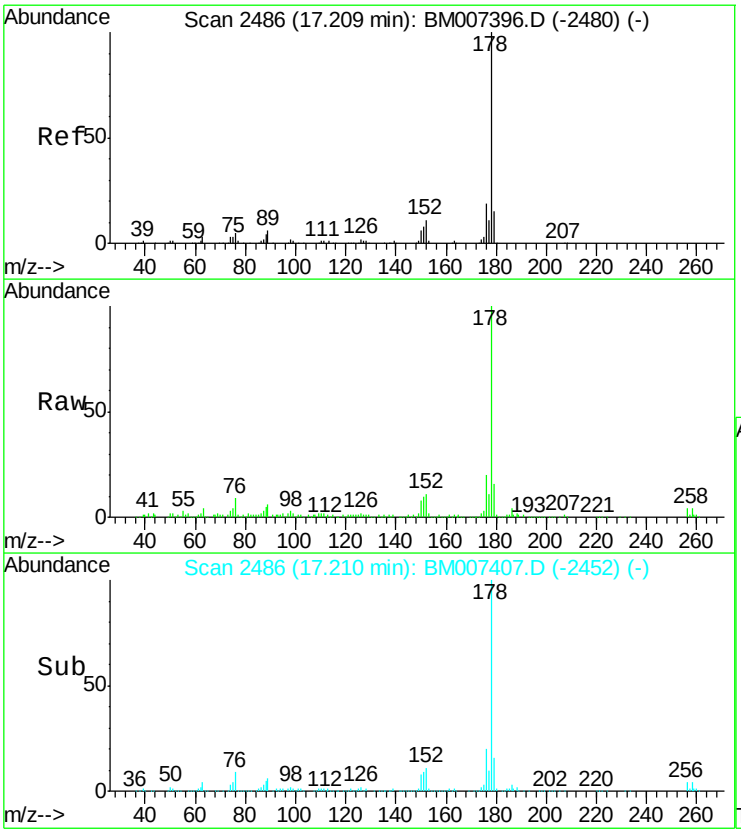
#44
Dimethylphthalate
Concen: 6.38 ng/ul
RT: 13.88 min Scan# 1920
Delta R.T. 0.00 min
Lab File: BM007407.D
Acq: 03 Sep 2016 14:57

Instrument :
BNA_M
ClientSampleId :
C0001

Tgt Ion:163 Resp: 497991

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.4	5.2
164	10.0	7.8	11.8

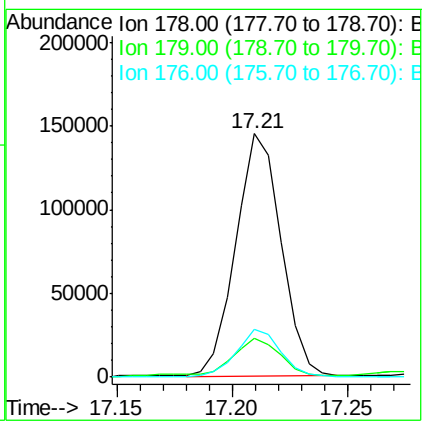


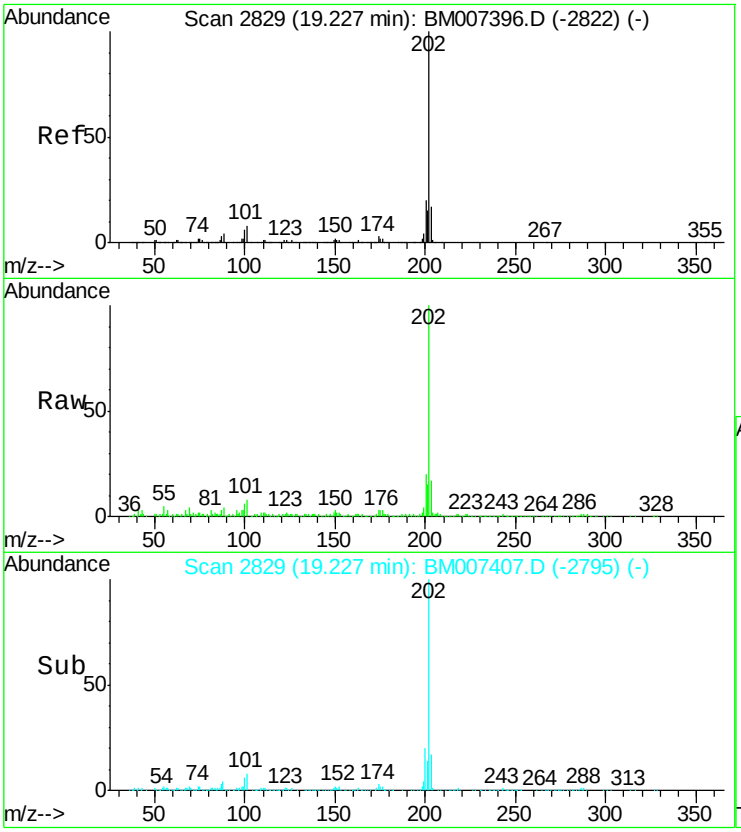


#69
Phenanthrene
Concen: 1.66 ng/ul
RT: 17.21 min Scan# 2486
Delta R.T. 0.00 min
Lab File: BM007407.D
Acq: 03 Sep 2016 14:57

Tgt Ion:178 Resp: 198449

Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.2	18.2
176	19.6	15.1	22.7



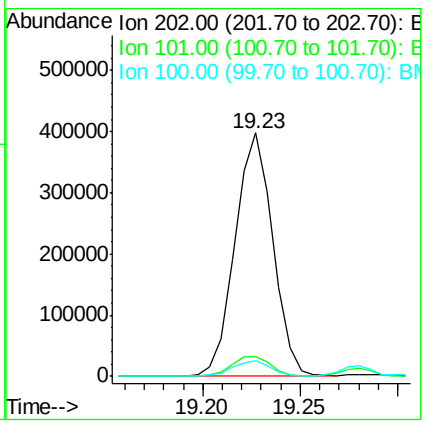


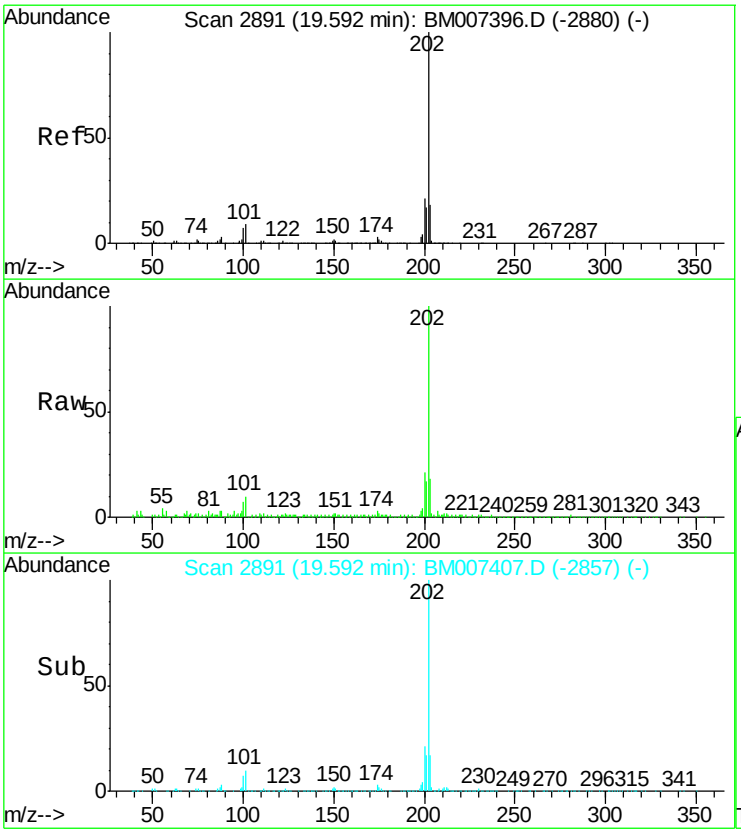
#74
Fluoranthene
Concen: 3.52 ng/ul
RT: 19.23 min Scan# 2829
Delta R.T. 0.00 min
Lab File: BM007407.D
Acq: 03 Sep 2016 14:57

Instrument :
BNA_M
ClientSampleId :
C0001

Tgt Ion:202 Resp: 528509

Ion	Ratio	Lower	Upper
202	100		
101	8.3	6.9	10.3
100	6.4	5.4	8.0

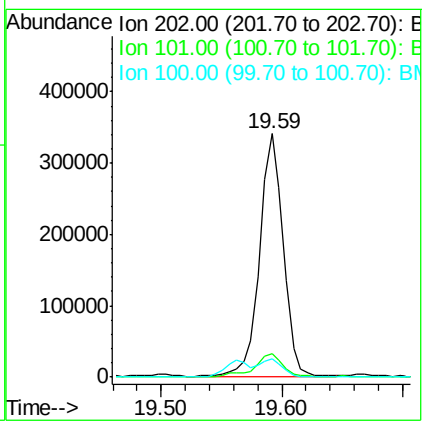


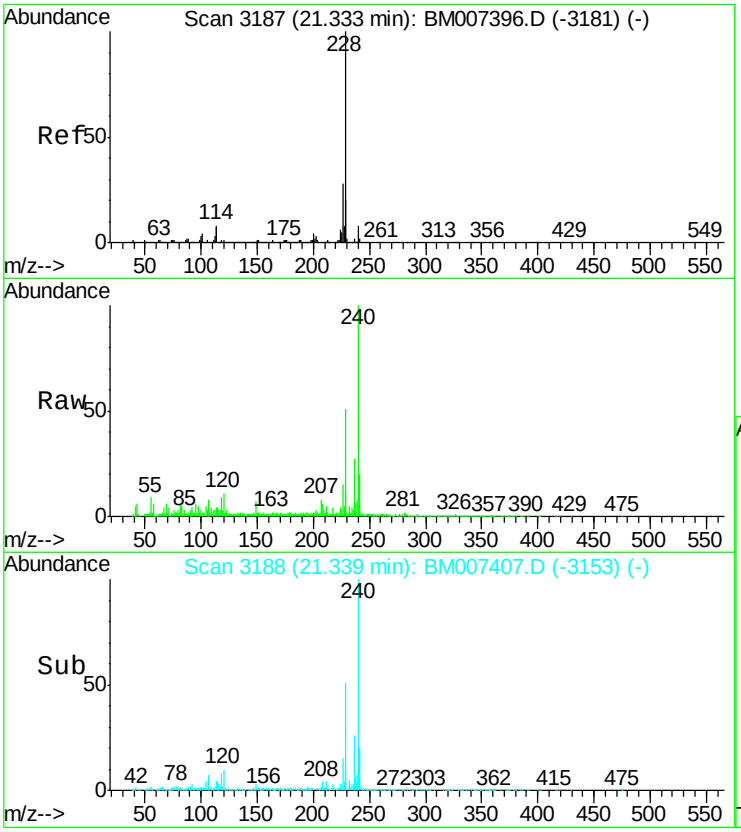


#77
Pyrene
Concen: 3.30 ng/ul
RT: 19.59 min Scan# 2891
Delta R.T. 0.00 min
Lab File: BM007407.D
Acq: 03 Sep 2016 14:57

Tgt Ion:202 Resp: 459892

Ion	Ratio	Lower	Upper
202	100		
101	9.9	8.4	12.6
100	7.4	6.9	10.3



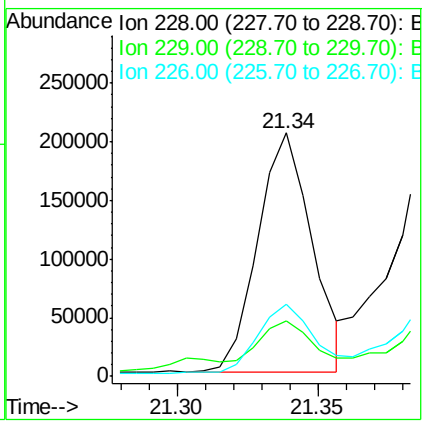


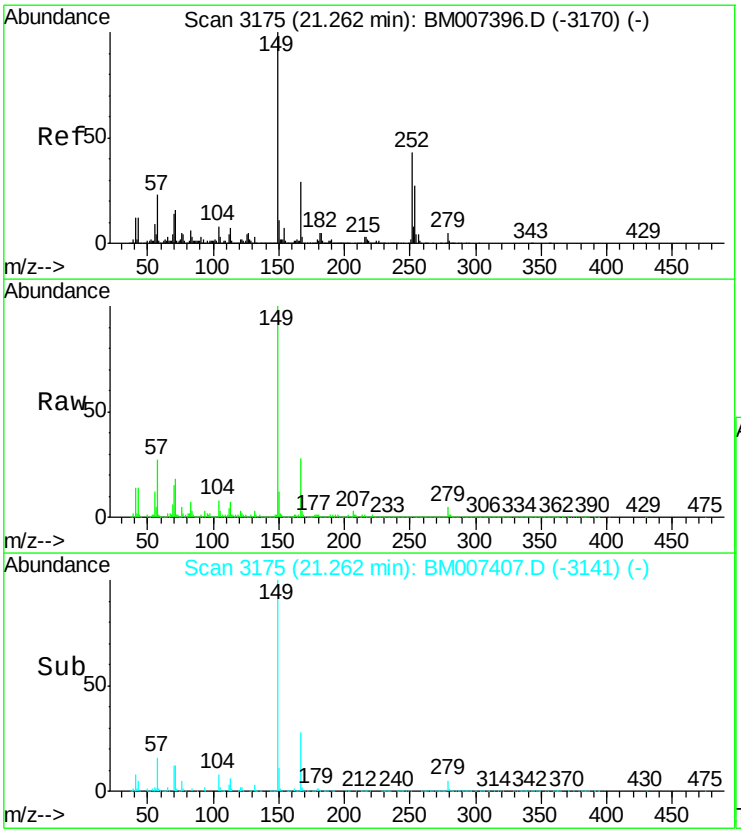
#80
Benzo(a)anthracene
Concen: 1.78 ng/ul
RT: 21.34 min Scan# 3188
Delta R.T. 0.01 min
Lab File: BM007407.D
Acq: 03 Sep 2016 14:57

Instrument :
BNA_M
ClientSampleId :
C0001

Tgt Ion:228 Resp: 273482

Ion	Ratio	Lower	Upper
228	100		
229	22.9	15.6	23.4
226	29.6	21.8	32.8

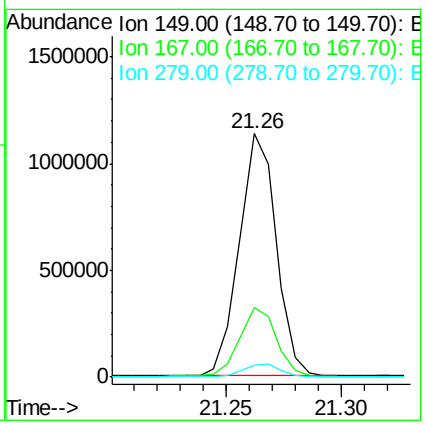


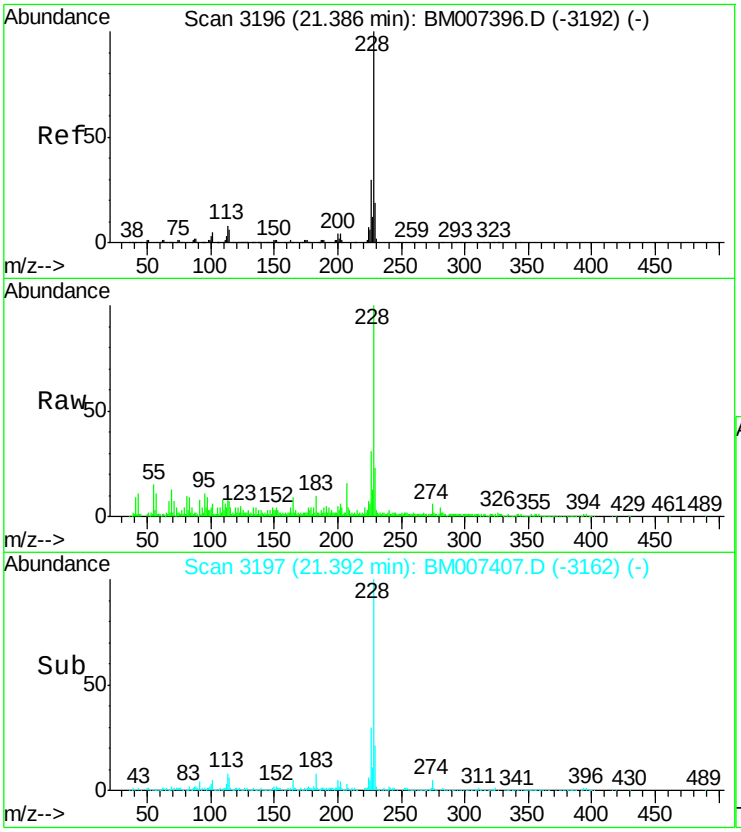


#81
Bis(2-ethylhexyl)phthalate
Concen: 15.05 ng/ul
RT: 21.26 min Scan# 3175
Delta R.T. 0.00 min
Lab File: BM007407.D
Acq: 03 Sep 2016 14:57

Tgt Ion:149 Resp: 1267059

Ion	Ratio	Lower	Upper
149	100		
167	28.3	23.2	34.8
279	4.9	4.1	6.1



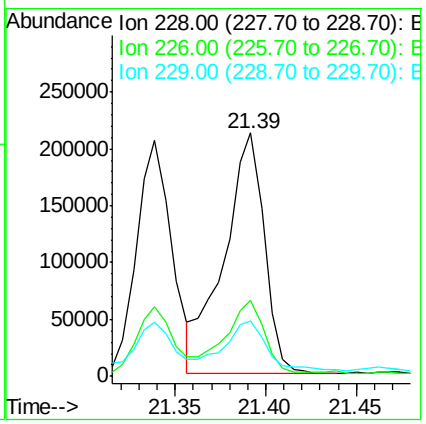


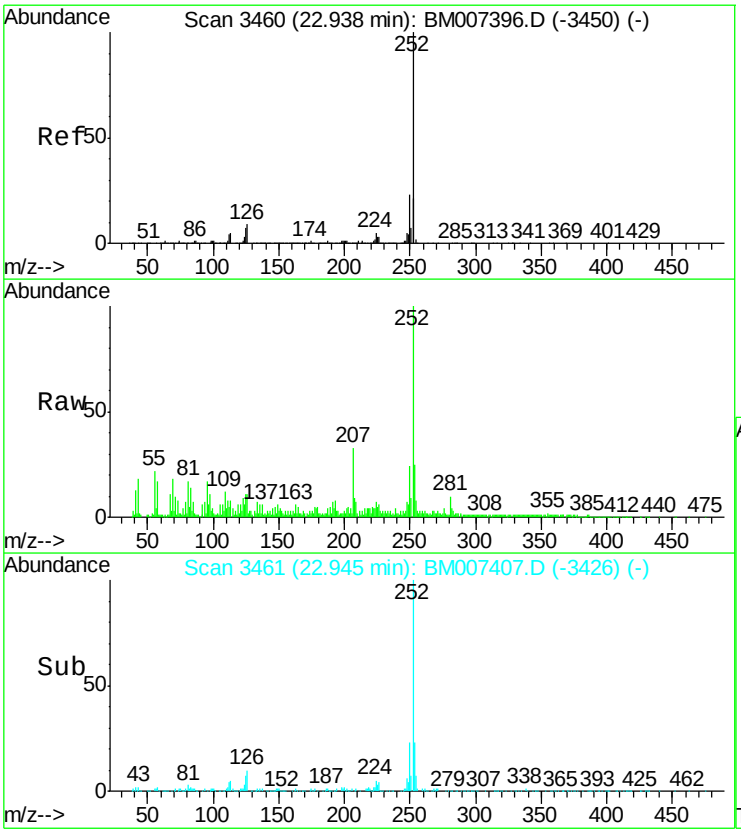
#82
Chrysene
Concen: 2.36 ng/ul
RT: 21.39 min Scan# 3197
Delta R.T. 0.01 min
Lab File: BM007407.D
Acq: 03 Sep 2016 14:57

Instrument :
BNA_M
ClientSampleId :
C0001

Tgt Ion:228 Resp: 327807

Ion	Ratio	Lower	Upper
228	100		
226	31.2	23.4	35.2
229	22.7	15.5	23.3

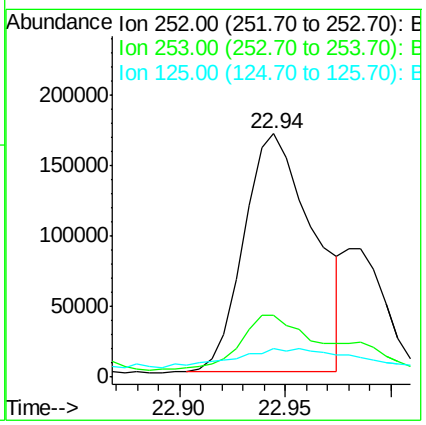


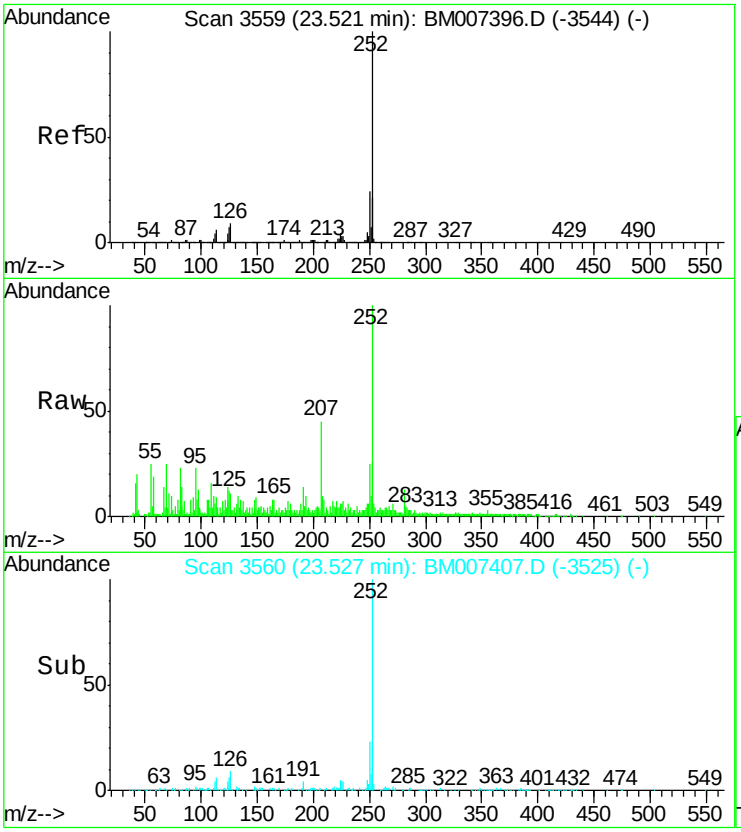


#85
Benzo(b)fluoranthene
Concen: 2.95 ng/ul
RT: 22.94 min Scan# 3461
Delta R.T. 0.01 min
Lab File: BM007407.D
Acq: 03 Sep 2016 14:57

Tgt Ion:252 Resp: 385931

Ion	Ratio	Lower	Upper
252	100		
253	25.2	17.1	25.7
125	11.5	5.8	8.8#



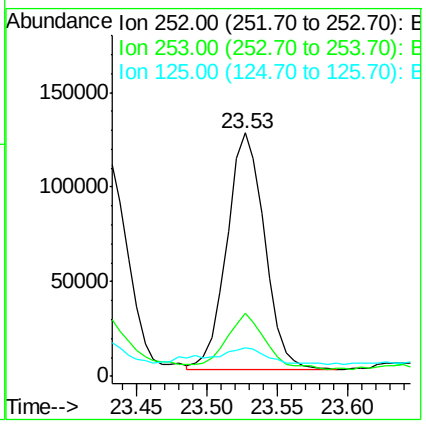


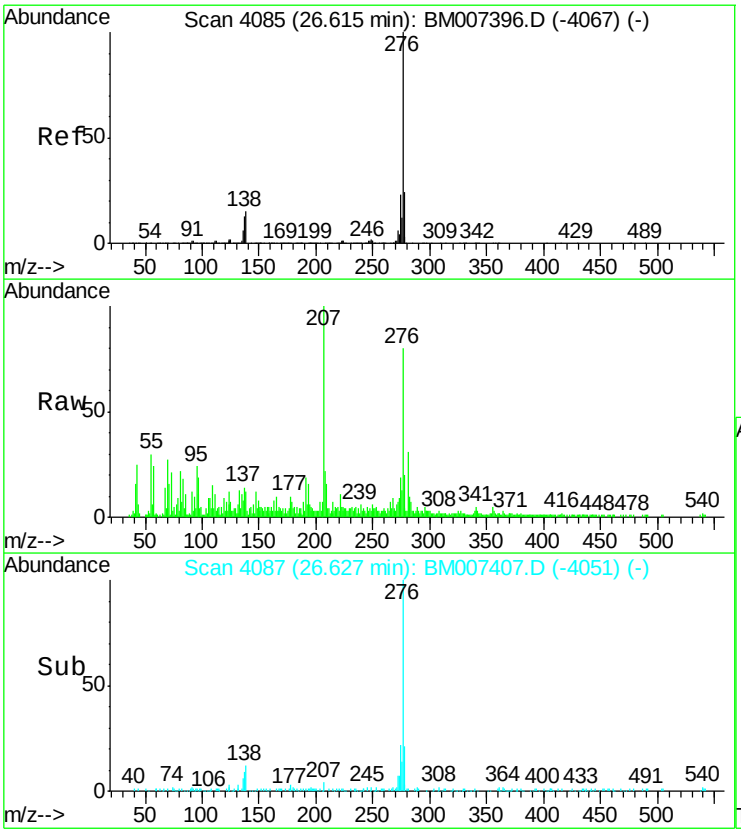
#88
Benzo(a)pyrene
Concen: 1.86 ng/ul
RT: 23.53 min Scan# 3560
Delta R.T. 0.01 min
Lab File: BM007407.D
Acq: 03 Sep 2016 14:57

Instrument :
BNA_M
ClientSampleId :
C0001

Tgt Ion:252 Resp: 232642

Ion	Ratio	Lower	Upper
252	100		
253	25.9	17.7	26.5
125	11.9	6.6	9.8#





#91
Benzo(g,h,i)perylene
Concen: 1.05 ng/ul
RT: 26.63 min Scan# 4087
Delta R.T. 0.01 min
Lab File: BM007407.D
Acq: 03 Sep 2016 14:57

Tgt Ion:276 Resp: 137192

Ion	Ratio	Lower	Upper
276	100		
138	15.4	13.5	20.3
277	24.6	19.3	28.9