

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081916\
 Data File : BM007217.D
 Acq On : 18 Aug 2016 21:51
 Operator : UM/SJ
 Sample : H4445-11
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E5N33

Quant Time: Aug 19 04:49:40 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081116.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Aug 19 04:48:28 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	287501	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	1164808	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.43	164	676404	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.17	188	1601852	20.00	ng/ul	0.00
75) Chrysene-d12	21.36	240	2045671	20.00	ng/ul	0.00
83) Perylene-d12	23.63	264	2086218	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.32	96	23649	3.59	ng/uL	0.00
5) Phenol-d5	6.97	99	489900	21.03	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.14	67	290266	21.74	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	398677	21.49	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	344408	17.97	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	194825	23.03	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	214416	23.72	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.20	165	407198	21.51	ng/ul	0.00
29) 4-Chloroaniline-d4	10.72	131	212942	9.45	ng/ul	0.00
43) Dimethylphthalate-d6	13.85	166	1276424	22.84	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	1556760	23.19	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	201553	20.12	ng/ul	0.00
57) Fluorene-d10	15.43	176	1121281	22.95	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.54	200	148645	16.79	ng/ul	0.00
70) Anthracene-d10	17.27	188	1769582	23.85	ng/ul	0.00
76) Pyrene-d10	19.57	212	2159563	25.01	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.49	264	2334231	24.46	ng/ul	0.00

Target Compounds

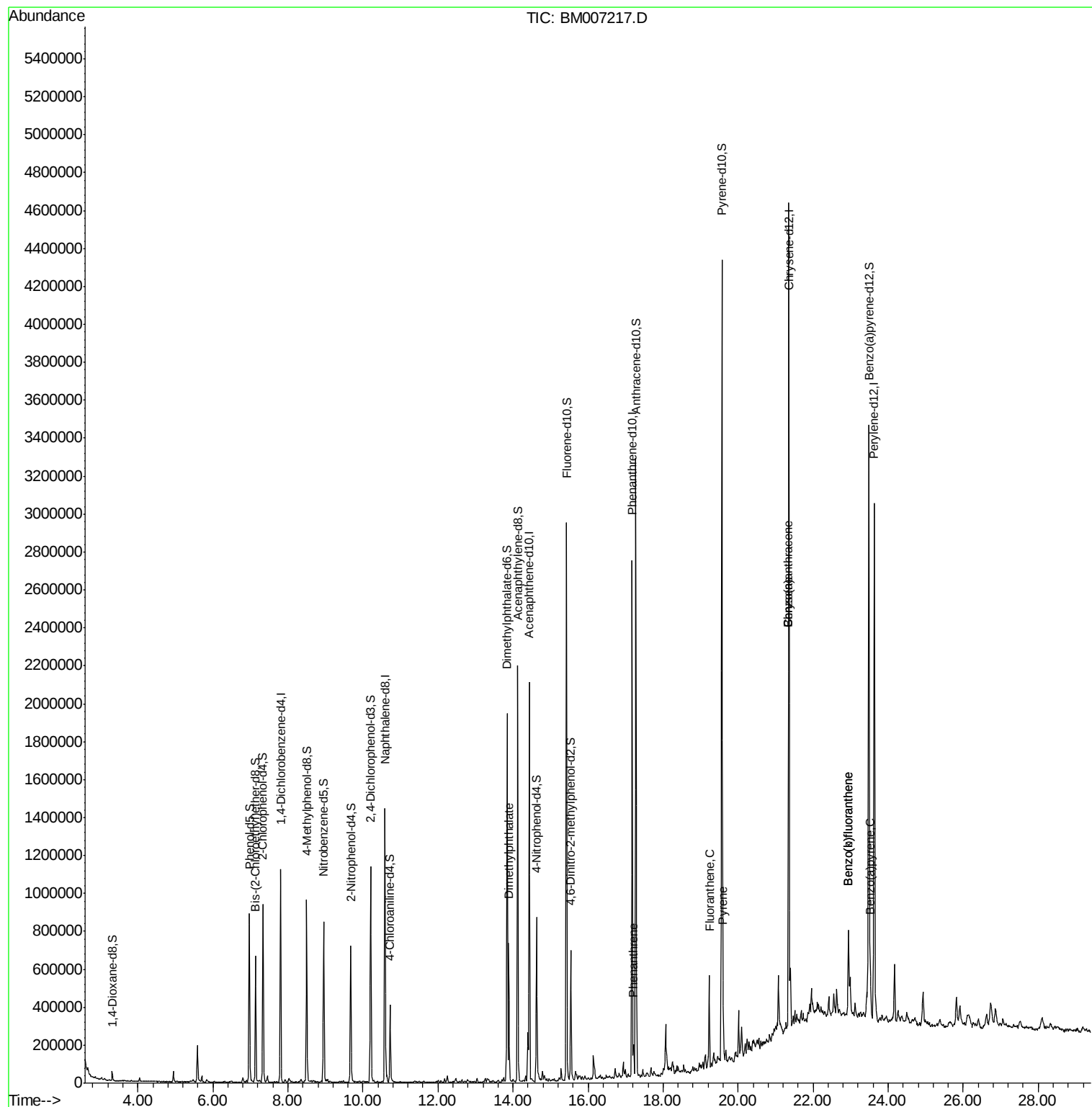
						Qvalue
44) Dimethylphthalate	13.89	163	458307	8.20	ng/ul	98
69) Phenanthrene	17.22	178	104409	1.21	ng/ul	98
74) Fluoranthene	19.23	202	278184	2.66	ng/ul	100
77) Pyrene	19.60	202	247538	2.19	ng/ul	97
80) Benzo(a)anthracene	21.34	228	167525	1.39	ng/ul	93
82) Chrysene	21.34	228	167525	1.52	ng/ul	95
85) Benzo(b)fluoranthene	22.94	252	219478	1.75	ng/ul#	95
86) Benzo(k)fluoranthene	22.94	252	219478	1.86	ng/ul#	96
88) Benzo(a)pyrene	23.53	252	150195	1.26	ng/ul	99

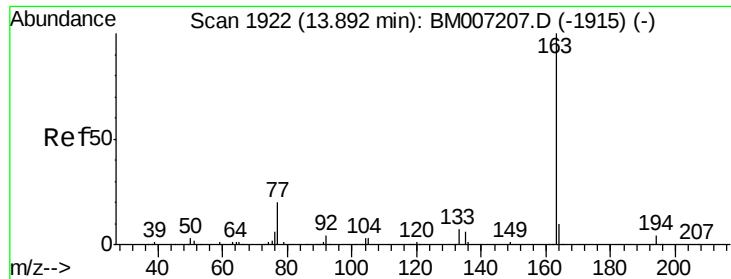
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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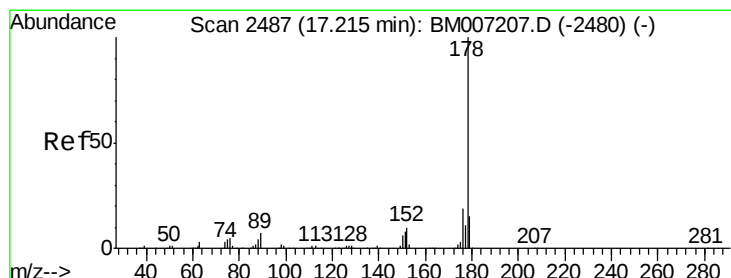
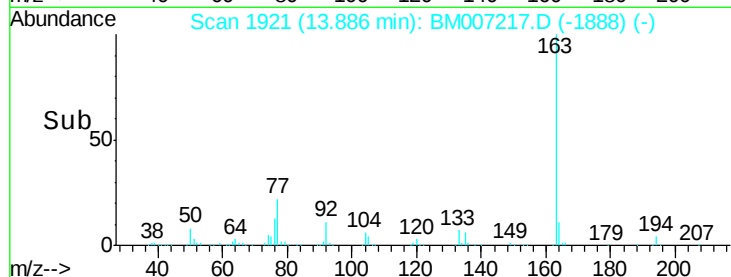
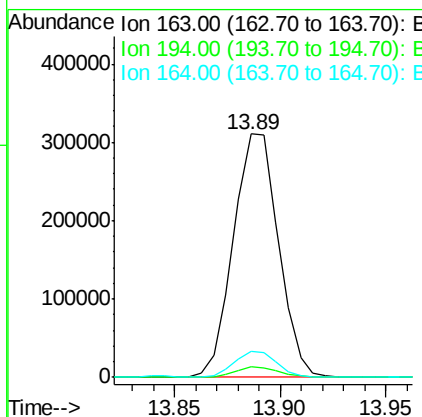
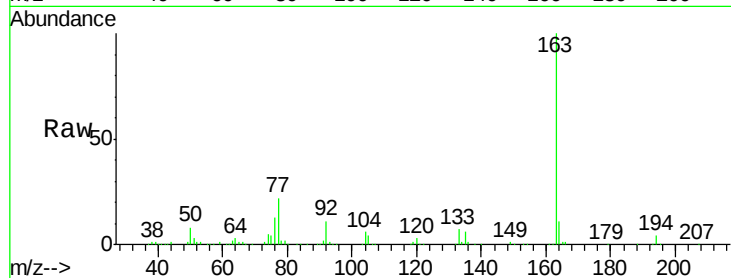




#44
Dimethylphthalate
Concen: 8.20 ng/ul
RT: 13.89 min Scan# 1921
Delta R.T. -0.01 min
Lab File: BM007217.D
Acq: 18 Aug 2016 21:51

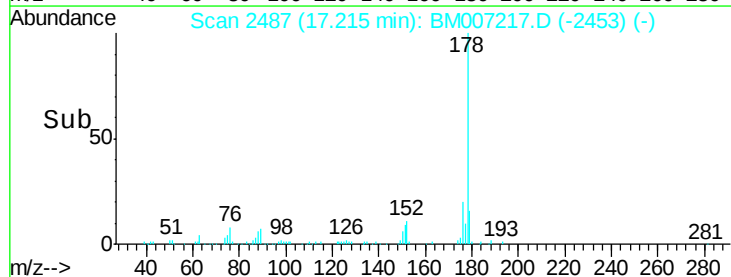
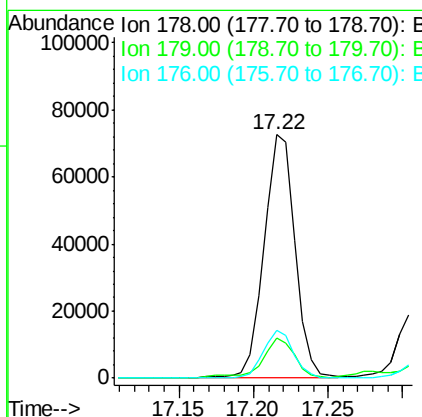
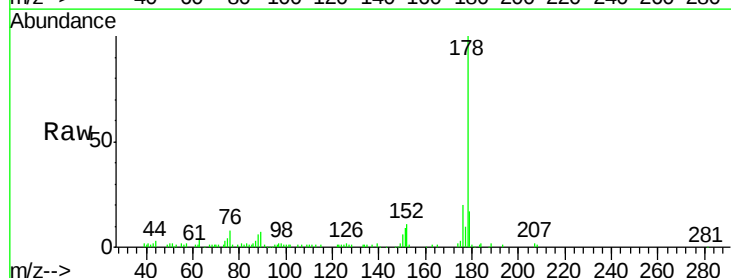
Instrument :
BNA_M
ClientSampleId :
E5N33

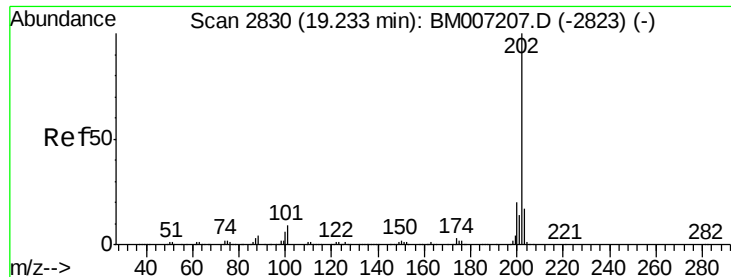
Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.2
164	10.6	7.8	11.8



#69
Phenanthrene
Concen: 1.21 ng/ul
RT: 17.22 min Scan# 2487
Delta R.T. 0.00 min
Lab File: BM007217.D
Acq: 18 Aug 2016 21:51

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.6	12.2	18.2
176	19.5	15.1	22.7





#74

Fluoranthene

Concen: 2.66 ng/ul

RT: 19.23 min Scan# 2830

Delta R.T. 0.00 min

Lab File: BM007217.D

Acq: 18 Aug 2016 21:51

Instrument :

BNA_M

ClientSampleId :

E5N33

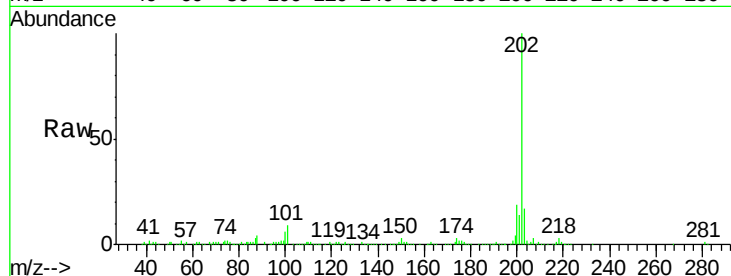
Tgt Ion:202 Resp: 278184

Ion Ratio Lower Upper

202 100

101 8.6 6.9 10.3

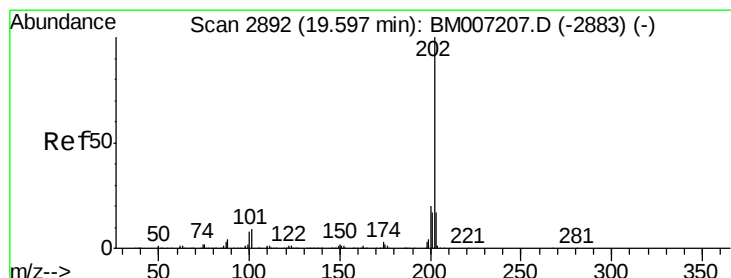
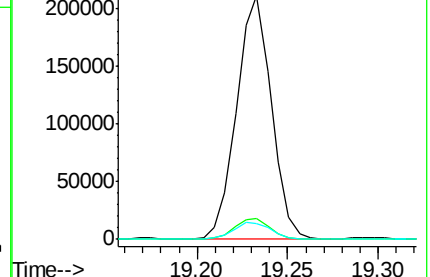
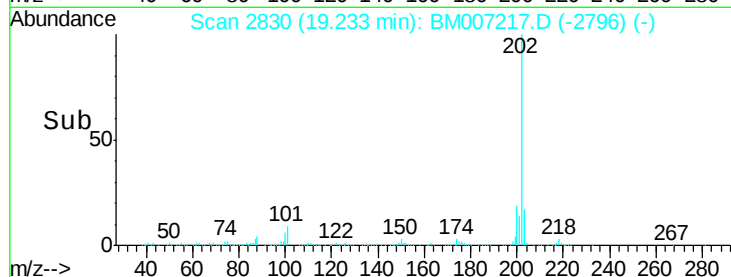
100 6.4 5.4 8.0



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#77

Pyrene

Concen: 2.19 ng/ul

RT: 19.60 min Scan# 2892

Delta R.T. 0.00 min

Lab File: BM007217.D

Acq: 18 Aug 2016 21:51

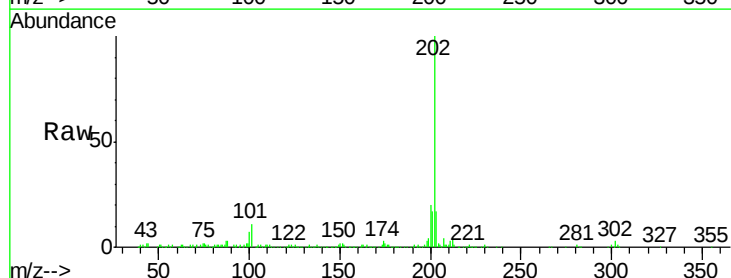
Tgt Ion:202 Resp: 247538

Ion Ratio Lower Upper

202 100

101 11.3 8.4 12.6

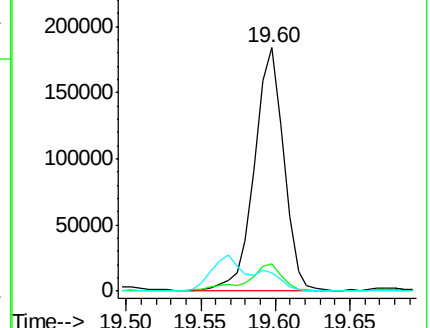
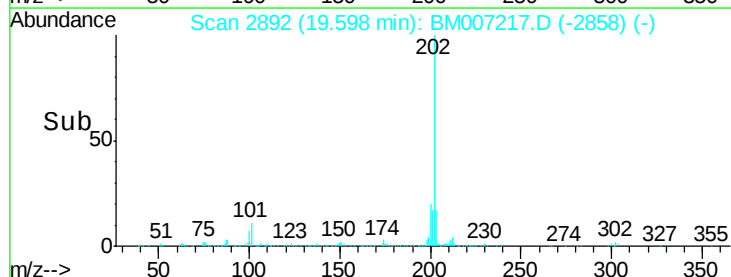
100 7.4 6.9 10.3

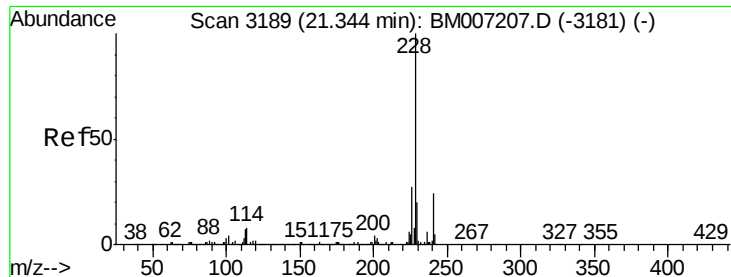


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#80

Benzo(a)anthracene

Concen: 1.39 ng/ul

RT: 21.34 min Scan# 3188

Delta R.T. -0.01 min

Lab File: BM007217.D

Acq: 18 Aug 2016 21:51

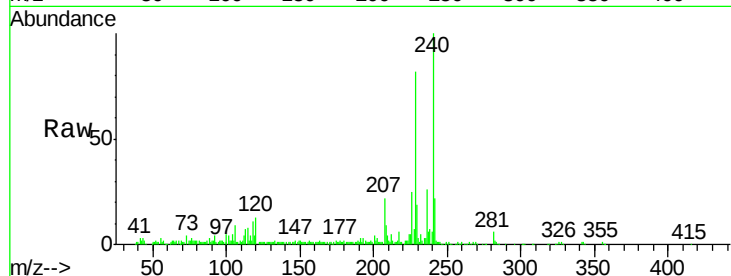
Instrument :

BNA_M

ClientSampleId :

E5N33

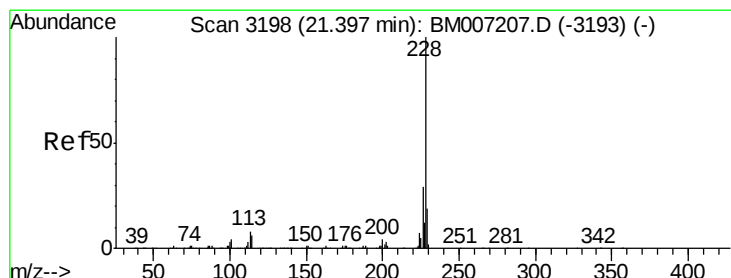
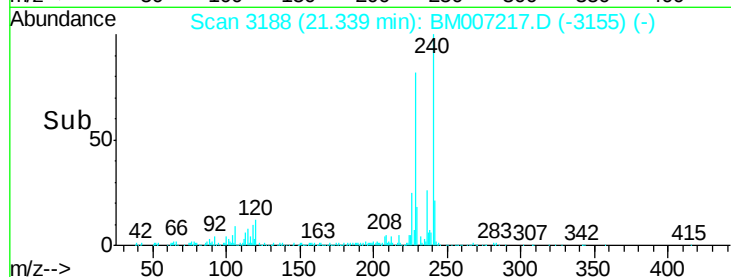
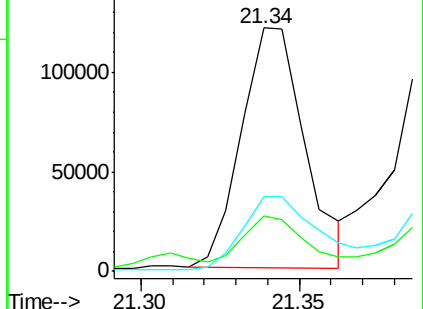
Tgt Ion:	228	Resp:	167525
Ion	Ratio	Lower	Upper
228	100		
229	22.7	15.6	23.4
226	30.8	21.8	32.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E



#82

Chrysene

Concen: 1.52 ng/ul

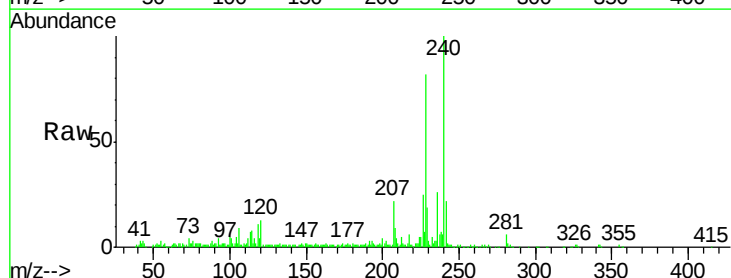
RT: 21.34 min Scan# 3188

Delta R.T. -0.06 min

Lab File: BM007217.D

Acq: 18 Aug 2016 21:51

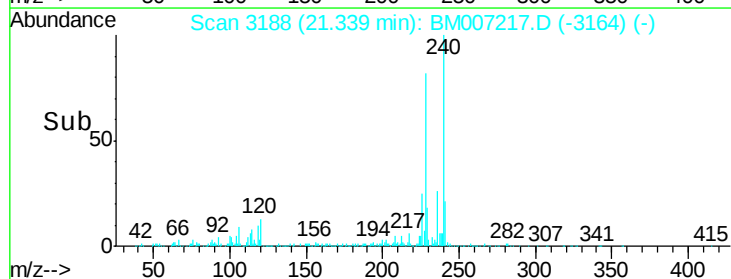
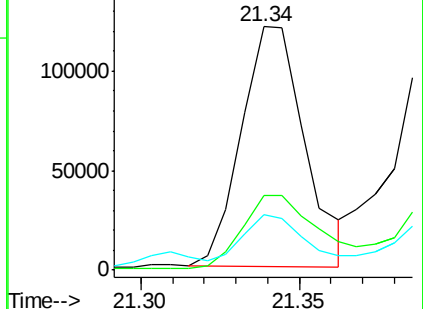
Tgt Ion:	228	Resp:	167525
Ion	Ratio	Lower	Upper
228	100		
226	30.8	23.4	35.2
229	22.7	15.5	23.3

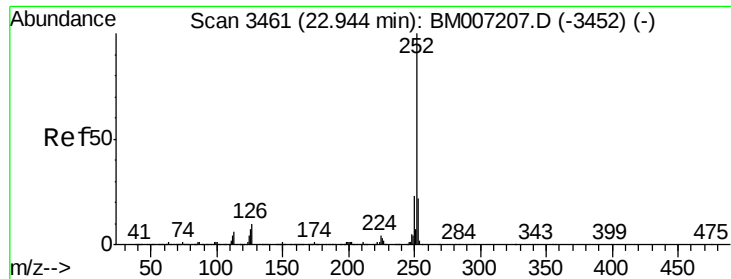


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#85

Benzo(b)fluoranthene

Concen: 1.75 ng/ul

RT: 22.94 min Scan# 3461

Delta R.T. 0.00 min

Lab File: BM007217.D

Acq: 18 Aug 2016 21:51

Instrument :

BNA_M

ClientSampleId :

E5N33

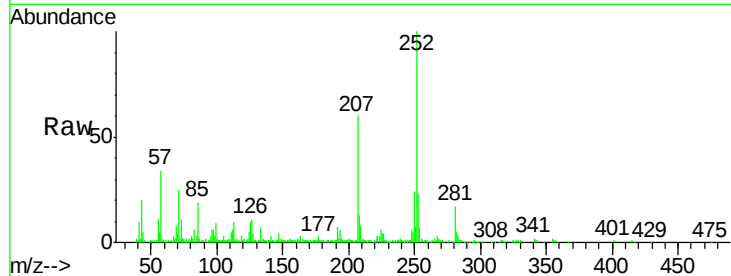
Tgt Ion:252 Resp: 219478

Ion Ratio Lower Upper

252 100

253 23.1 17.1 25.7

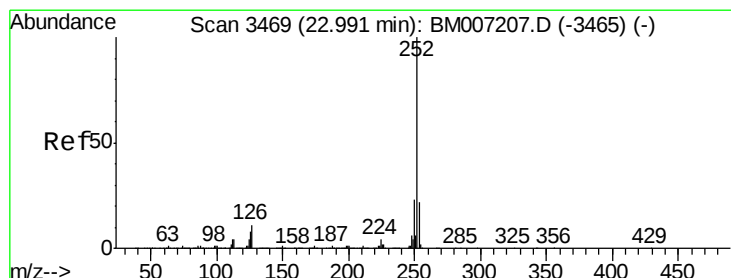
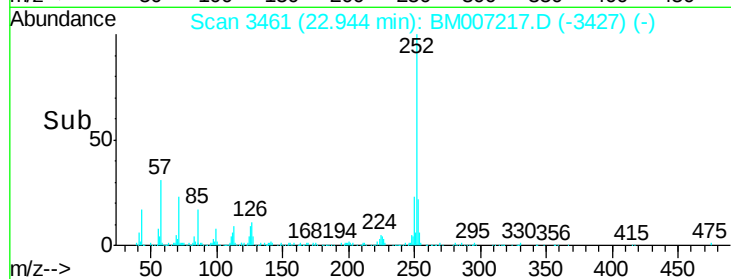
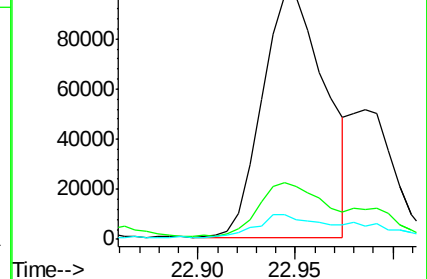
125 10.1 5.8 8.8#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#86

Benzo(k)fluoranthene

Concen: 1.86 ng/ul

RT: 22.94 min Scan# 3461

Delta R.T. -0.05 min

Lab File: BM007217.D

Acq: 18 Aug 2016 21:51

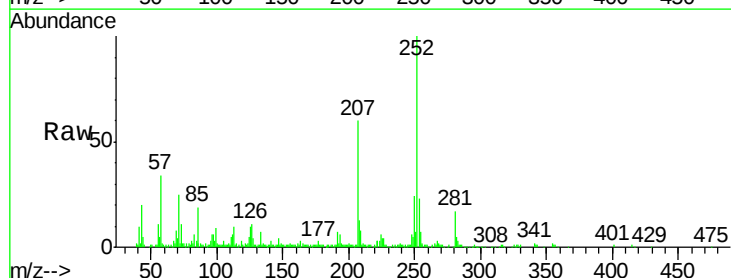
Tgt Ion:252 Resp: 219478

Ion Ratio Lower Upper

252 100

253 23.1 17.6 26.4

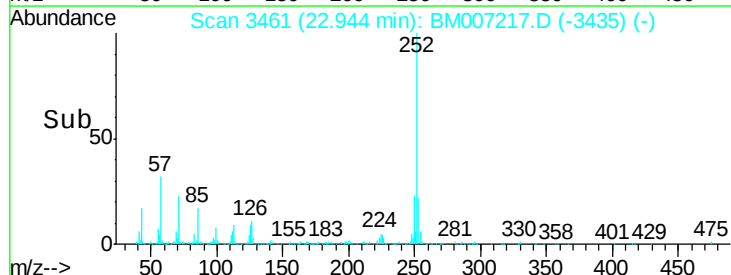
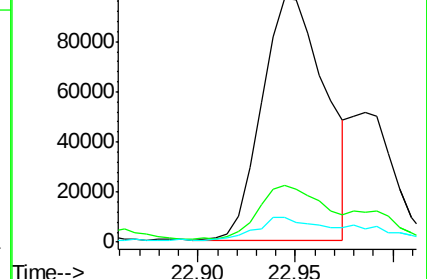
125 10.1 5.7 8.5#

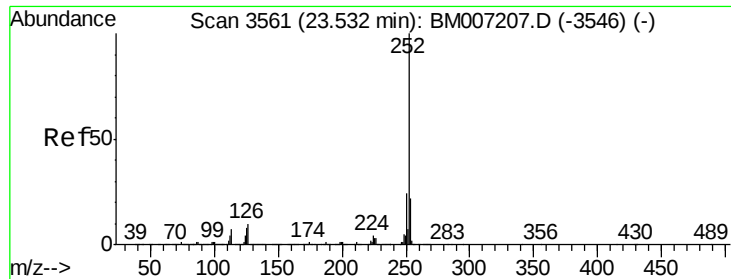


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(a)pyrene

Concen: 1.26 ng/ul

RT: 23.53 min Scan# 3560

Delta R.T. -0.01 min

Lab File: BM007217.D

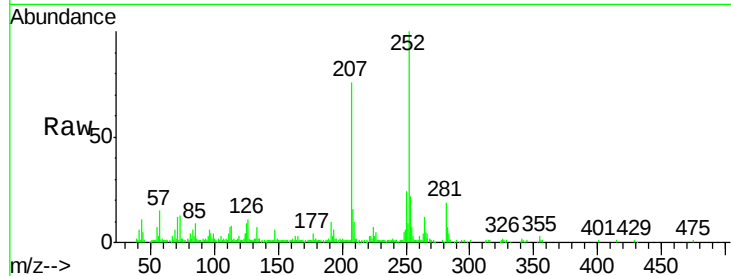
Acq: 18 Aug 2016 21:51

Instrument :

BNA_M

ClientSampleId :

E5N33



Tgt Ion:	252	Resp:	150195
Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.7	26.5
125	9.5	6.6	9.8

