

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081916\
 Data File : BM007211.D
 Acq On : 18 Aug 2016 19:27
 Operator : UM/SJ
 Sample : H4445-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E5N23

Quant Time: Aug 19 04:49:03 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	260132	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	1036795	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.43	164	598930	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.17	188	1449303	20.00	ng/ul	0.00
75) Chrysene-d12	21.36	240	1871998	20.00	ng/ul	0.00
83) Perylene-d12	23.63	264	1935391	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.32	96	14893	2.50	ng/uL	0.00
5) Phenol-d5	6.97	99	274726	13.04	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.14	67	173796	14.39	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	226503	13.49	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	173629	10.01	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	113268	15.04	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	118831	14.77	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.20	165	231408	13.73	ng/ul	0.00
29) 4-Chloroaniline-d4	10.72	131	263540	13.14	ng/ul	0.00
43) Dimethylphthalate-d6	13.84	166	734257	14.84	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	890844	14.99	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	85432	9.63	ng/ul	0.00
57) Fluorene-d10	15.43	176	657037	15.19	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.54	200	64817	8.09	ng/ul	0.00
70) Anthracene-d10	17.27	188	1040323	15.49	ng/ul	0.00
76) Pyrene-d10	19.57	212	1282545	16.23	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.48	264	1412912	15.96	ng/ul	0.00

Target Compounds

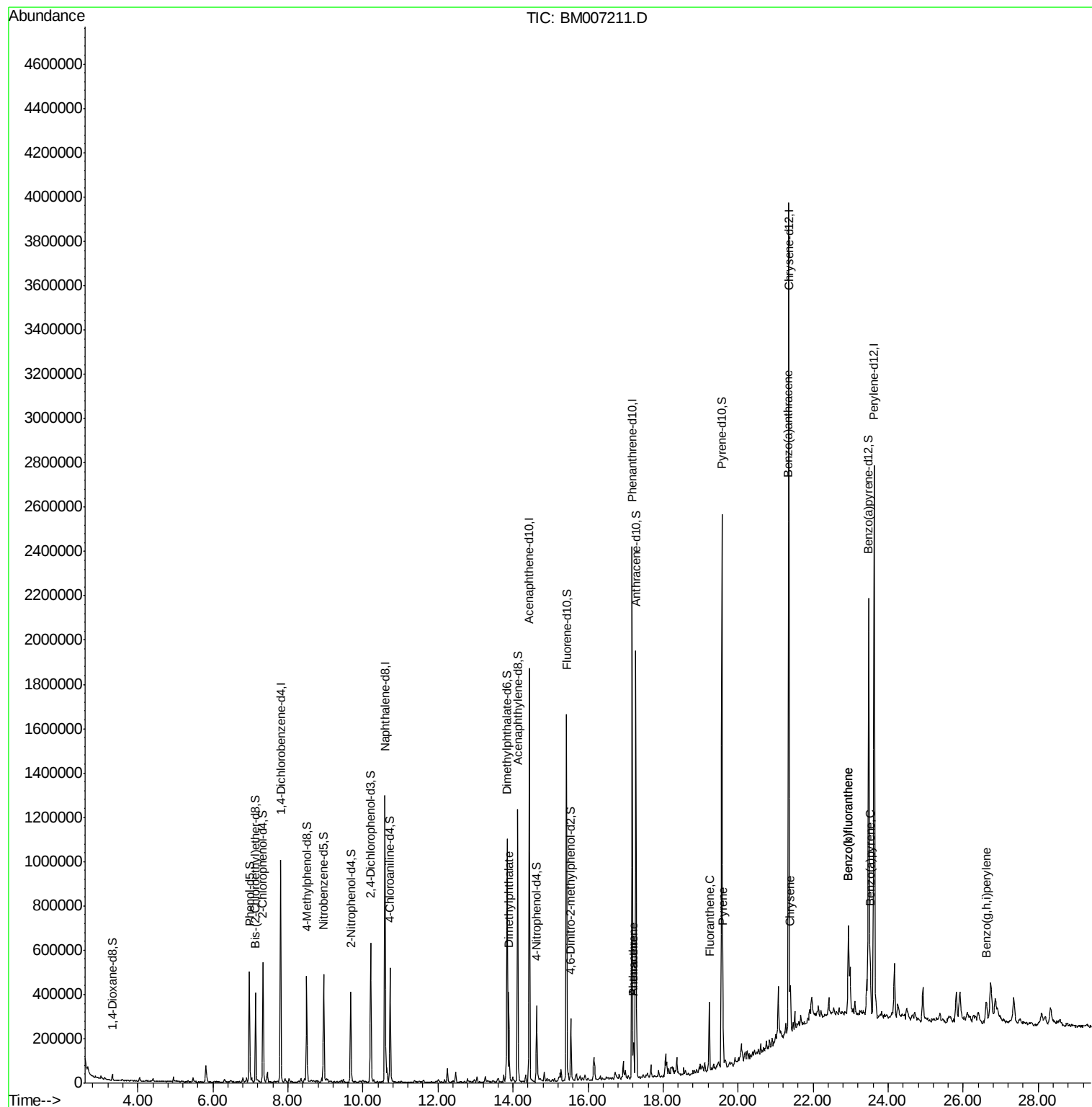
						Qvalue
44) Dimethylphthalate	13.89	163	253846	5.13	ng/ul	99
69) Phenanthrene	17.22	178	98237	1.26	ng/ul	97
71) Anthracene	17.22	178	98529	1.23	ng/ul	96
74) Fluoranthene	19.23	202	180084	1.90	ng/ul	99
77) Pyrene	19.59	202	172299	1.66	ng/ul#	96
80) Benzo(a)anthracene	21.34	228	136171	1.23	ng/ul	98
82) Chrysene	21.39	228	128901	1.28	ng/ul	94
85) Benzo(b)fluoranthene	22.94	252	240922	2.07	ng/ul#	96
86) Benzo(k)fluoranthene	22.94	252	240922	2.20	ng/ul#	97
88) Benzo(a)pyrene	23.53	252	164454	1.49	ng/ul	99
91) Benzo(g,h,i)perylene	26.62	276	128058	1.12	ng/ul	95

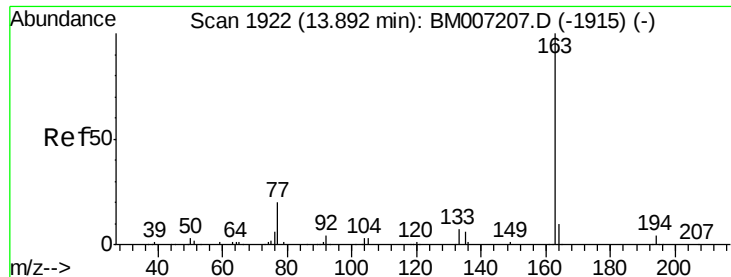
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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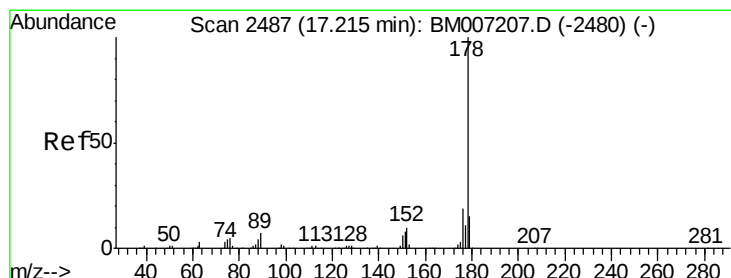
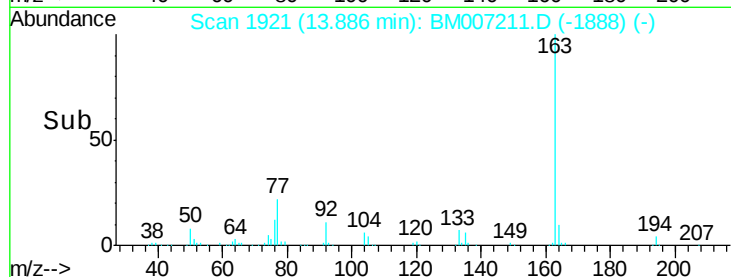
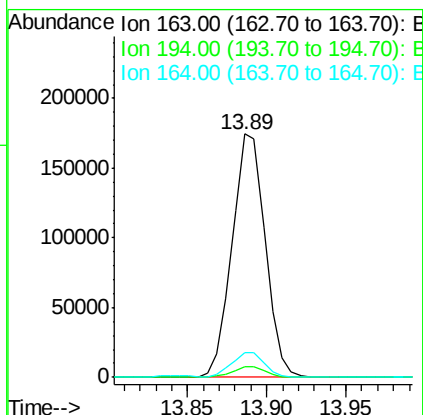
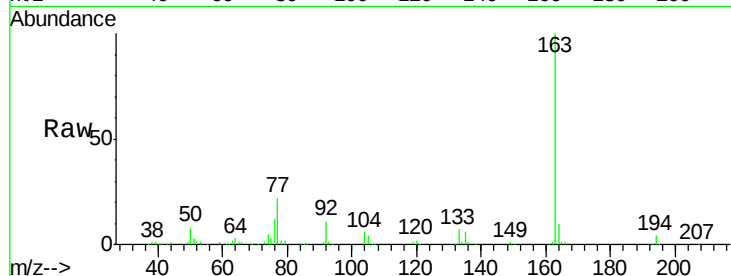




#44
Dimethylphthalate
Concen: 5.13 ng/ul
RT: 13.89 min Scan# 1921
Delta R.T. -0.01 min
Lab File: BM007211.D
Acq: 18 Aug 2016 19:27

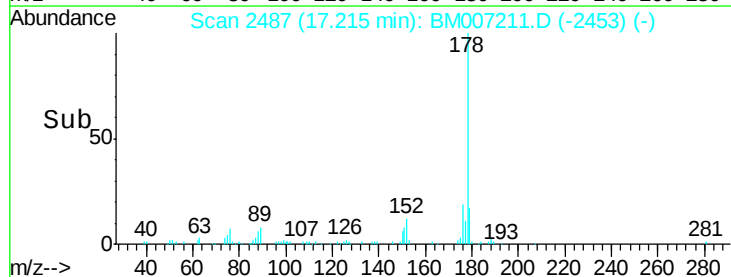
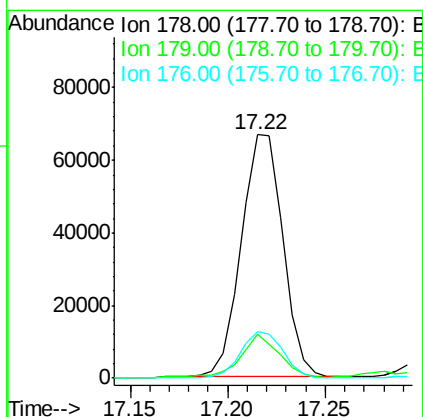
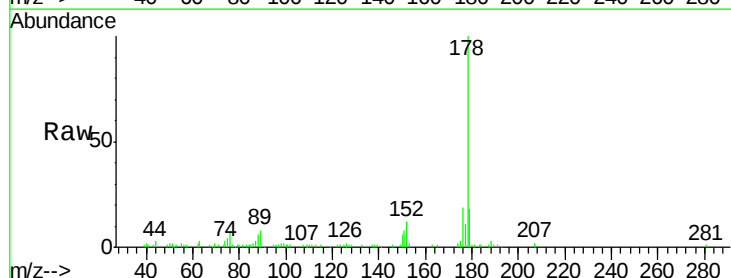
Instrument :
BNA_M
ClientSampleId :
E5N23

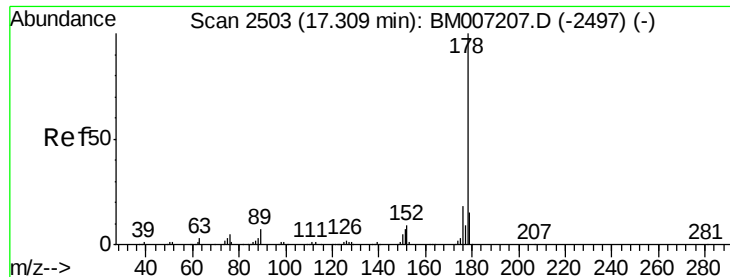
Tgt Ion:163 Resp: 253846
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.2
164 10.4 7.8 11.8



#69
Phenanthrene
Concen: 1.26 ng/ul
RT: 17.22 min Scan# 2487
Delta R.T. 0.00 min
Lab File: BM007211.D
Acq: 18 Aug 2016 19:27

Tgt Ion:178 Resp: 98237
Ion Ratio Lower Upper
178 100
179 17.9 12.2 18.2
176 18.9 15.1 22.7

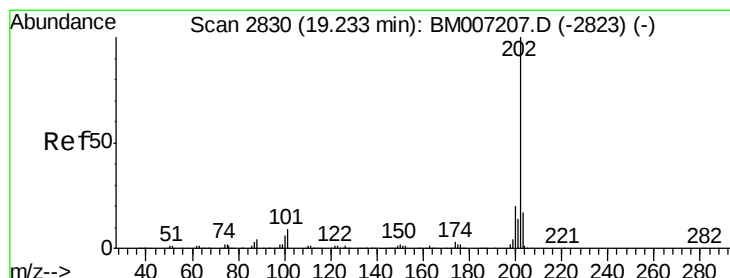
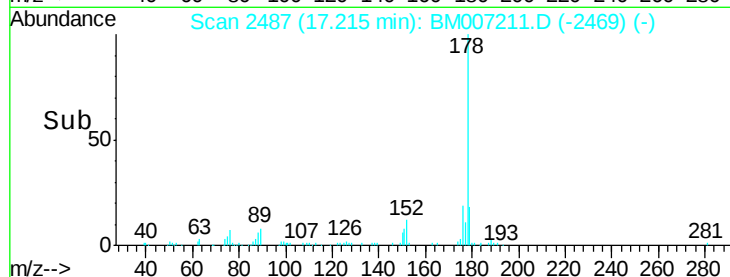
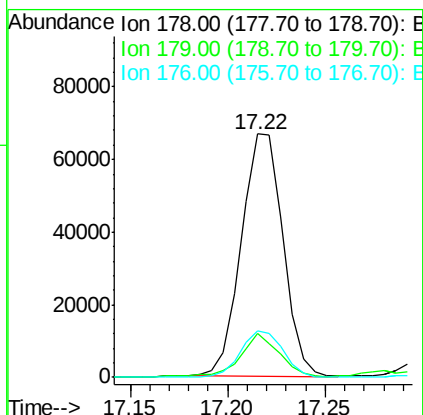
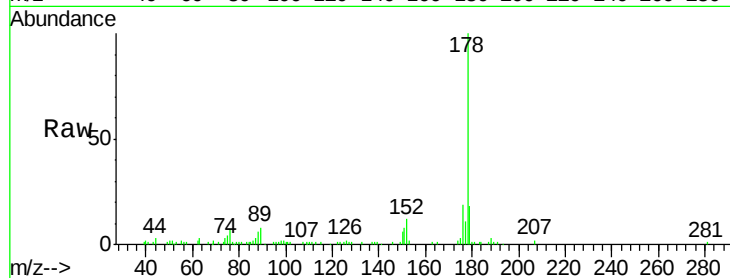




#71
 Anthracene
 Concen: 1.23 ng/ul
 RT: 17.22 min Scan# 2487
 Delta R.T. -0.09 min
 Lab File: BM007211.D
 Acq: 18 Aug 2016 19:27

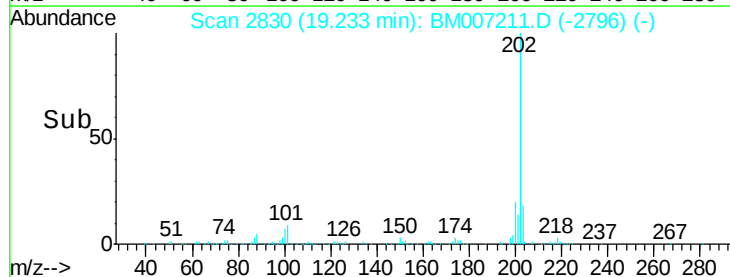
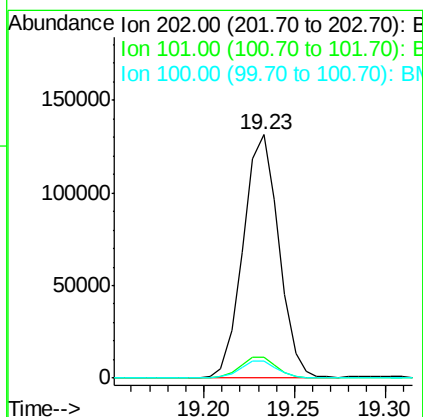
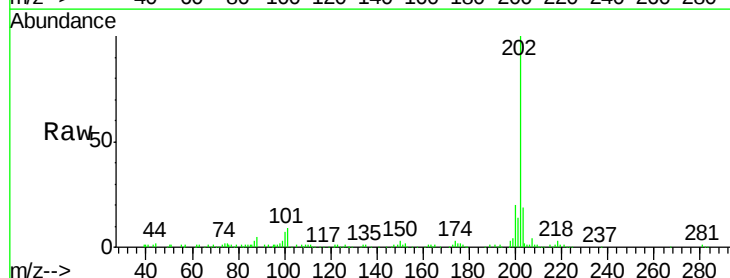
Instrument :
 BNA_M
 ClientSampleId :
 E5N23

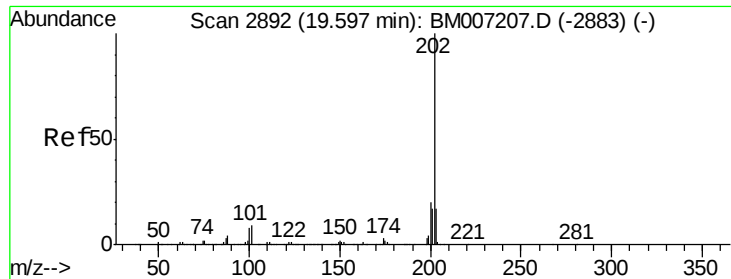
Tgt Ion:178 Resp: 98529
 Ion Ratio Lower Upper
 178 100
 179 17.9 12.1 18.1
 176 18.9 14.5 21.7



#74
 Fluoranthene
 Concen: 1.90 ng/ul
 RT: 19.23 min Scan# 2830
 Delta R.T. 0.00 min
 Lab File: BM007211.D
 Acq: 18 Aug 2016 19:27

Tgt Ion:202 Resp: 180084
 Ion Ratio Lower Upper
 202 100
 101 8.8 6.9 10.3
 100 7.2 5.4 8.0

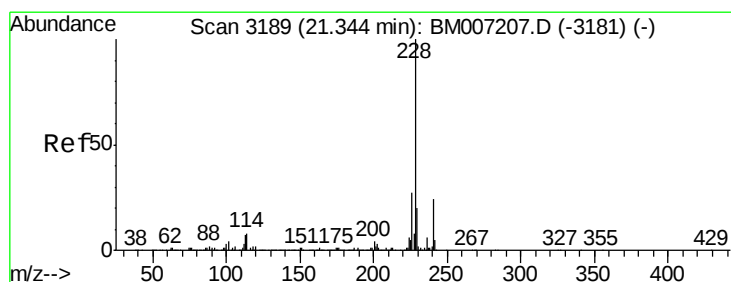
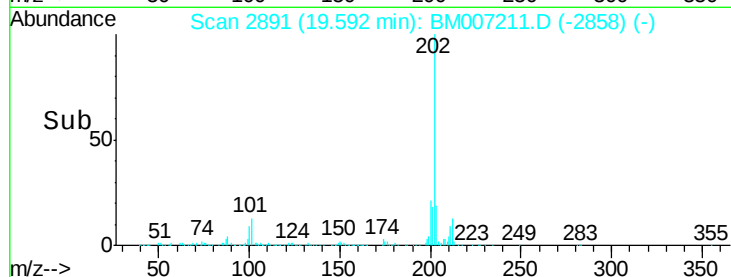
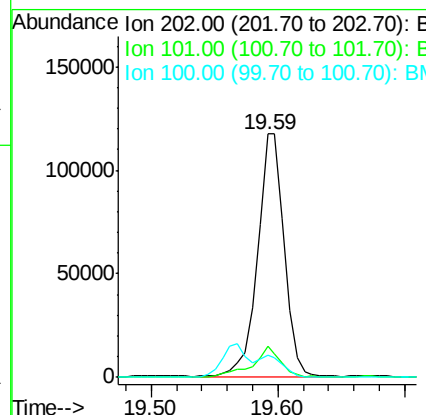
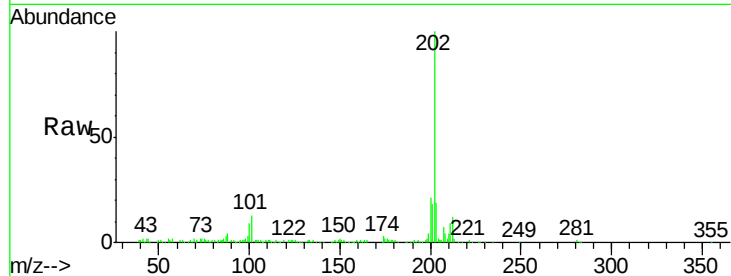




#77
 Pyrene
 Concen: 1.66 ng/ul
 RT: 19.59 min Scan# 2891
 Delta R.T. -0.01 min
 Lab File: BM007211.D
 Acq: 18 Aug 2016 19:27

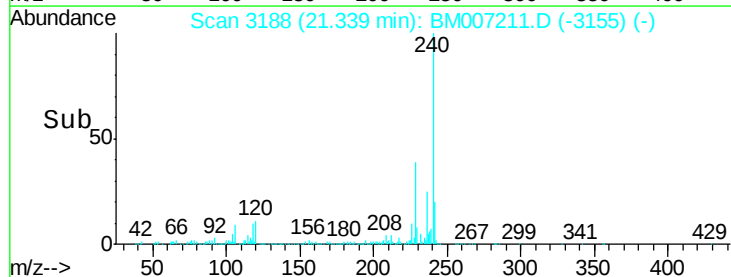
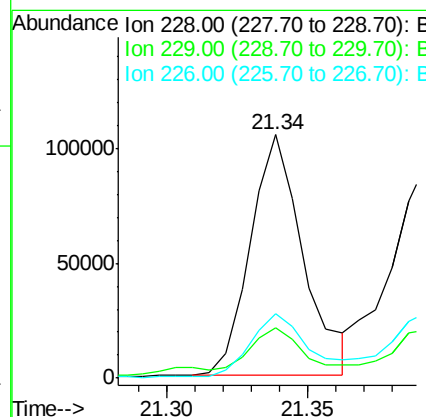
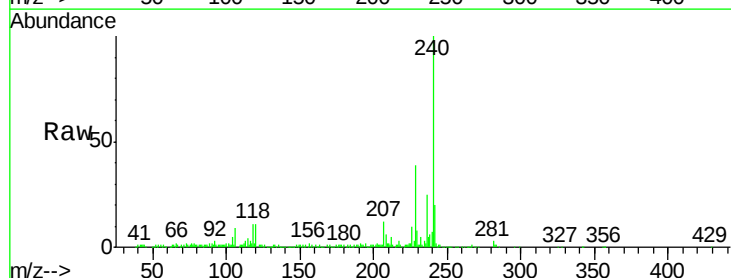
Instrument :
 BNA_M
 ClientSampleId :
 E5N23

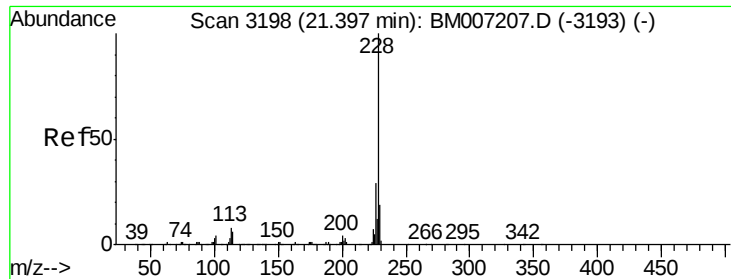
Tgt Ion	Ratio	Resp	Lower	Upper
202	100	172299		
101	13.0	8.4	12.6#	
100	8.9	6.9	10.3	



#80
 Benzo(a)anthracene
 Concen: 1.23 ng/ul
 RT: 21.34 min Scan# 3188
 Delta R.T. -0.01 min
 Lab File: BM007211.D
 Acq: 18 Aug 2016 19:27

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	136171		
229	20.9	15.6	23.4	
226	26.5	21.8	32.8	





#82

Chrysene

Concen: 1.28 ng/ul

RT: 21.39 min Scan# 3197

Delta R.T. -0.01 min

Lab File: BM007211.D

Acq: 18 Aug 2016 19:27

Instrument :

BNA_M

ClientSampleId :

E5N23

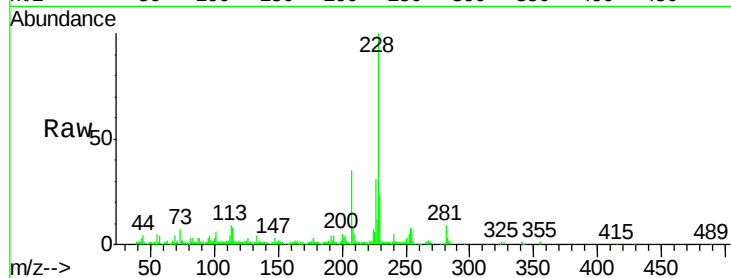
Tgt Ion:228 Resp: 128901

Ion Ratio Lower Upper

228 100

226 31.4 23.4 35.2

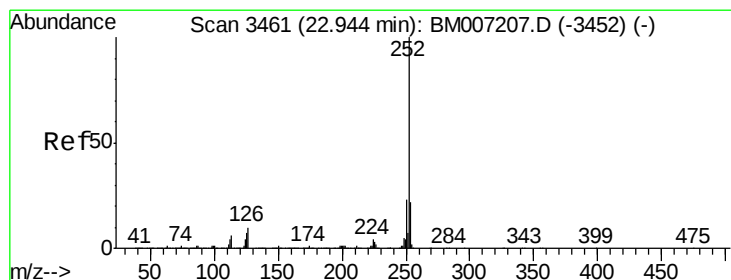
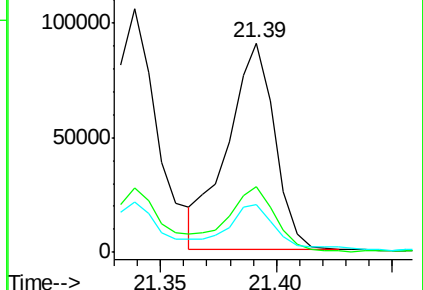
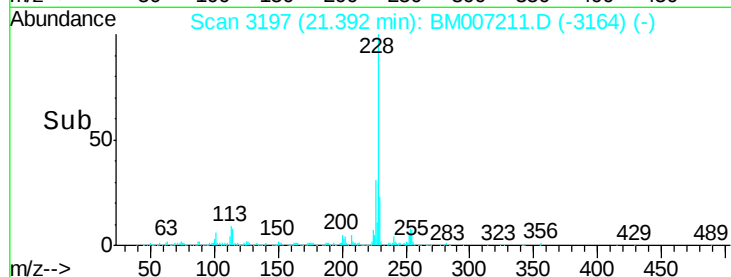
229 23.1 15.5 23.3



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: 2.07 ng/ul

RT: 22.94 min Scan# 3461

Delta R.T. 0.00 min

Lab File: BM007211.D

Acq: 18 Aug 2016 19:27

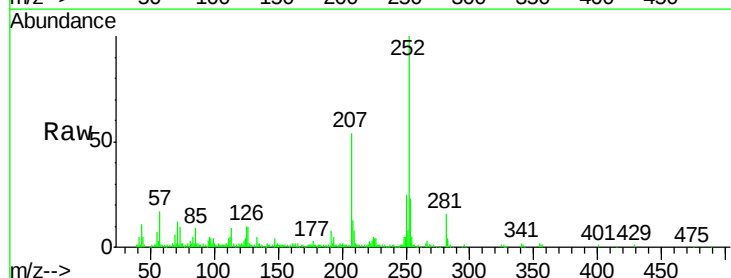
Tgt Ion:252 Resp: 240922

Ion Ratio Lower Upper

252 100

253 22.8 17.1 25.7

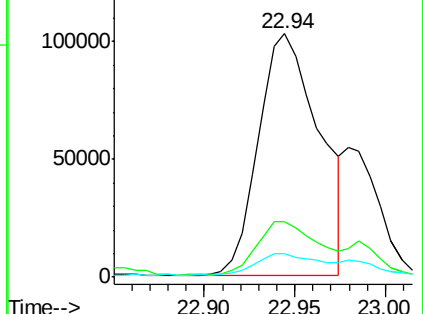
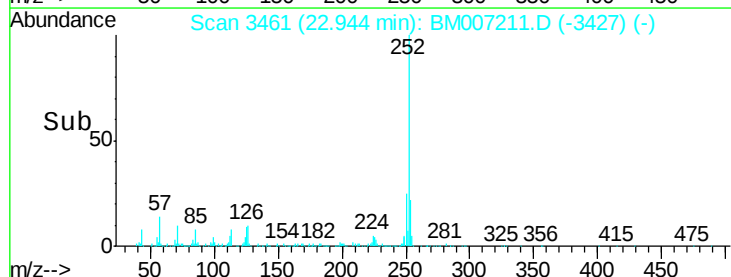
125 9.8 5.8 8.8#

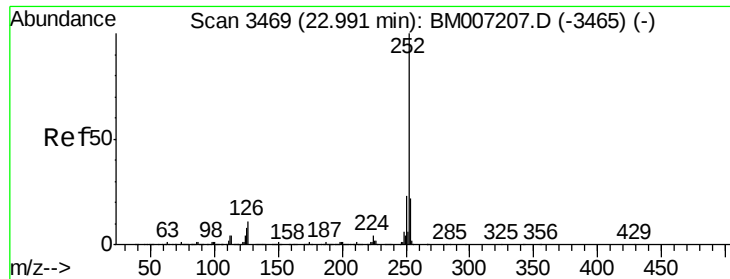


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#86

Benzo(k)fluoranthene

Concen: 2.20 ng/ul

RT: 22.94 min Scan# 3461

Delta R.T. -0.05 min

Lab File: BM007211.D

Acq: 18 Aug 2016 19:27

Instrument :

BNA_M

ClientSampled :

E5N23

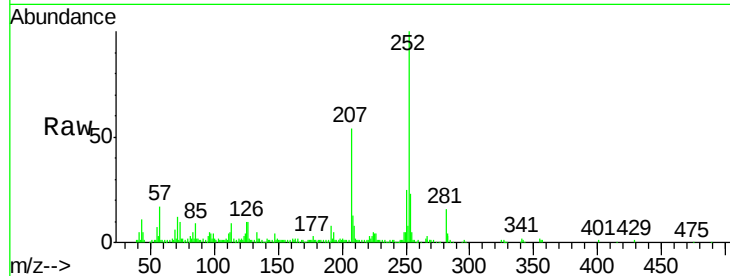
Tgt Ion:252 Resp: 240922

Ion Ratio Lower Upper

252 100

253 22.8 17.6 26.4

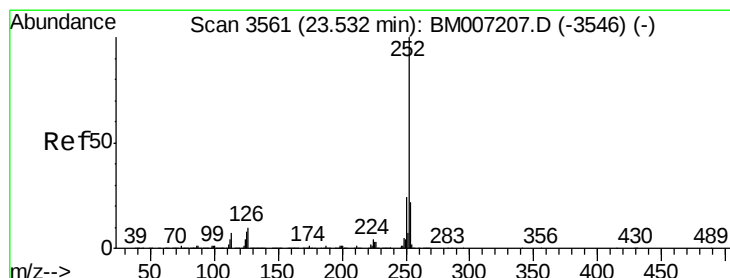
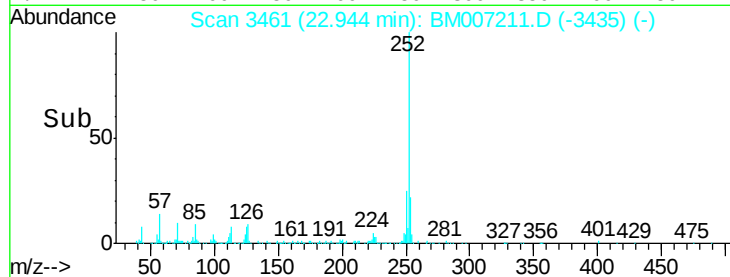
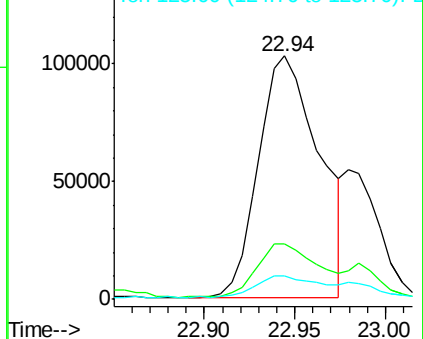
125 9.8 5.7 8.5#



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: 1.49 ng/ul

RT: 23.53 min Scan# 3560

Delta R.T. -0.01 min

Lab File: BM007211.D

Acq: 18 Aug 2016 19:27

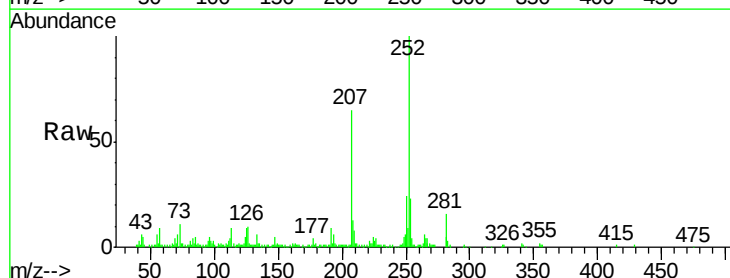
Tgt Ion:252 Resp: 164454

Ion Ratio Lower Upper

252 100

253 22.6 17.7 26.5

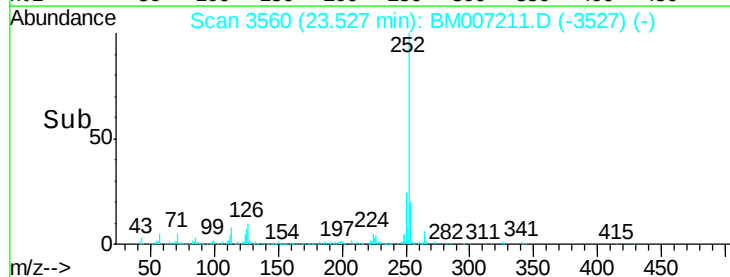
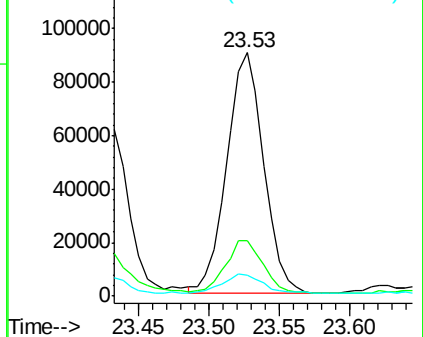
125 8.6 6.6 9.8

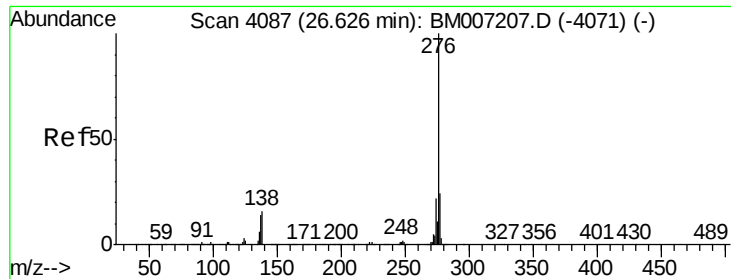


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Benzo(g,h,i)perylene

Concen: 1.12 ng/ul

RT: 26.62 min Scan# 4086

Delta R.T. -0.01 min

Lab File: BM007211.D

Acq: 18 Aug 2016 19:27

Instrument :

BNA_M

ClientSampleId :

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Tgt Ion: 276 Resp: 128058

Ion Ratio Lower Upper

276 100

138 13.9 13.5 20.3

277 22.4 19.3 28.9

