

Data Path : Z:\HPCHEM1\BNA M\DATA\BM111715\
 Data File : BM003155.D
 Acq On : 16 Nov 2015 22:38
 Operator : UM/IZ
 Sample : G4323-25
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Nov 17 00:21:55 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM103015.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Nov 17 00:18:48 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	128932	20.00	ng/ul	0.00
18) Naphthalene-d8	10.53	136	565511	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.39	164	310835	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.13	188	643473	20.00	ng/ul	0.00
78) Chrysene-d12	21.33	240	641031	20.00	ng/ul	0.00
86) Perylene-d12	23.59	264	624062	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.20	96	7643	2.79	ng/uL	0.00
5) Phenol-d5	6.90	99	137697	13.51	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.07	67	84326	14.15	ng/ul	0.00
9) 2-Chlorophenol-d4	7.27	132	121965	14.12	ng/ul	0.00
13) 4-Methylphenol-d8	8.45	113	109678	13.35	ng/ul	0.00
19) Nitrobenzene-d5	8.90	128	56808	16.47	ng/ul	0.00
22) 2-Nitrophenol-d4	9.62	143	60748	17.39	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.15	165	109701	14.00	ng/ul	0.00
29) 4-Chloroaniline-d4	10.67	131	78072	7.70	ng/ul	0.00
44) Dimethylphthalate-d6	13.80	166	362879	15.52	ng/ul	0.00
47) Acenaphthylene-d8	14.08	160	398876	13.46	ng/ul	0.00
52) 4-Nitrophenol-d4	14.58	143	45204	11.47	ng/ul	0.00
58) Fluorene-d10	15.39	176	287079	14.20	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.50	200	35555	11.93	ng/ul	0.00
71) Anthracene-d10	17.23	188	376871	13.21	ng/ul	0.00
79) Pyrene-d10	19.53	212	372642	11.81	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.44	264	327902	11.06	ng/ul	-0.01

Target Compounds

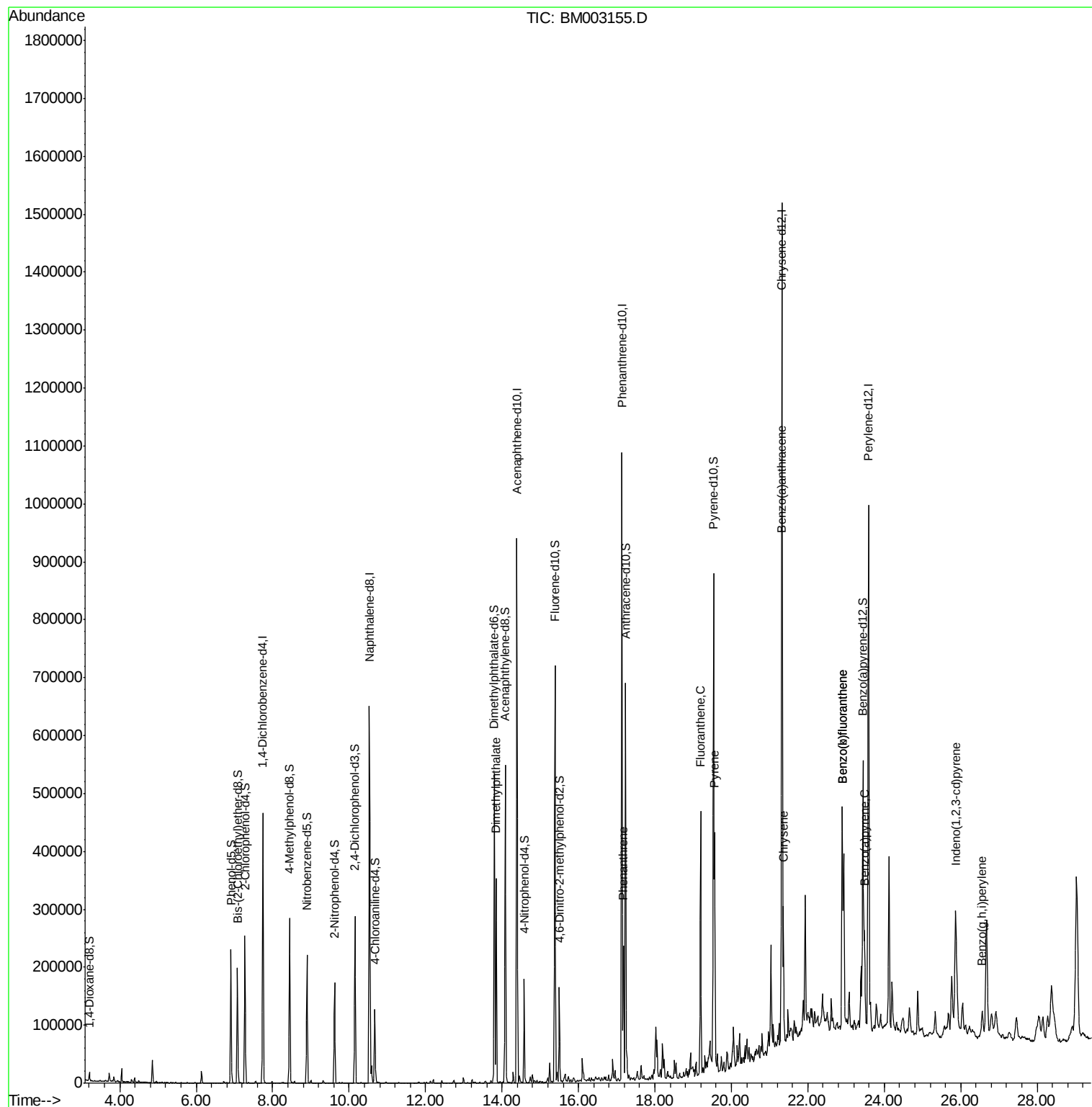
						Ovalue
45) Dimethylphthalate	13.85	163	230085	9.66	ng/ul	100
70) Phenanthrene	17.17	178	140996	3.87	ng/ul	99
77) Fluoranthene	19.20	202	268173	7.28	ng/ul	94
80) Pyrene	19.56	202	242070	5.77	ng/ul#	92
83) Benzo(a)anthracene	21.31	228	115671	3.29	ng/ul	96
85) Chrysene	21.36	228	120893	3.47	ng/ul	95
88) Benzo(b)fluoranthene	22.91	252	165907	4.61	ng/ul	98
89) Benzo(k)fluoranthene	22.91	252	62405	1.86	ng/ul	98
91) Benzo(a)pyrene	23.49	252	105471	3.10	ng/ul	94
92) Indeno(1,2,3-cd)pyrene	25.86	276	74247	1.98	ng/ul#	89
94) Benzo(g,h,i)perylene	26.56	276	59206	1.76	ng/ul	93

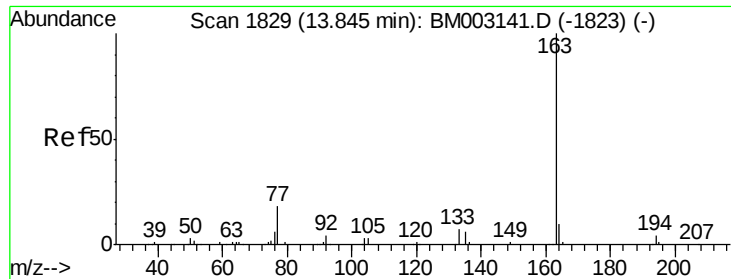
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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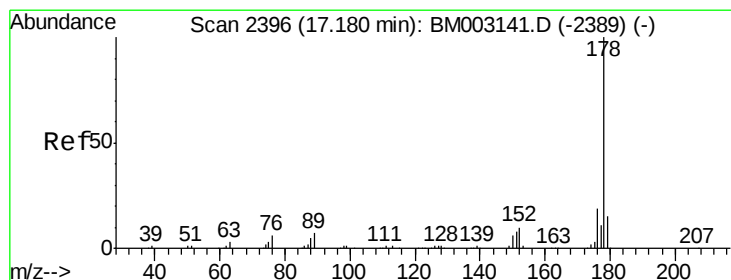
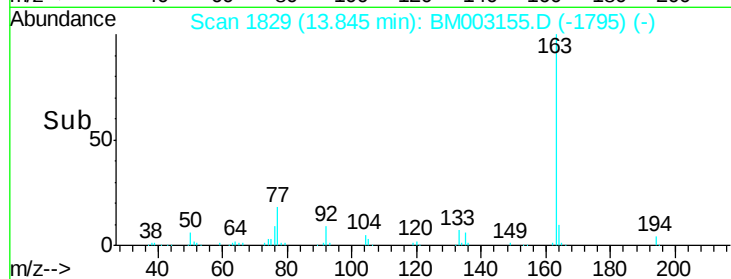
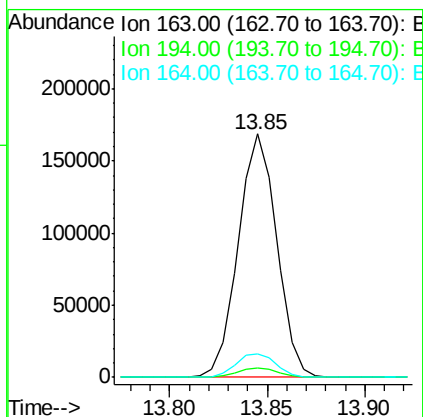
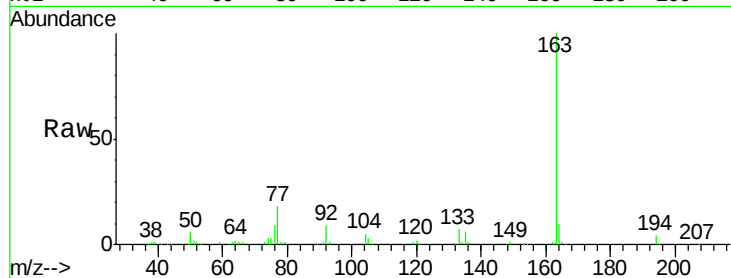




#45
Dimethylphthalate
Concen: 9.66 ng/ul
RT: 13.85 min Scan# 1829
Delta R.T. 0.00 min
Lab File: BM003155.D
Acq: 16 Nov 2015 22:38

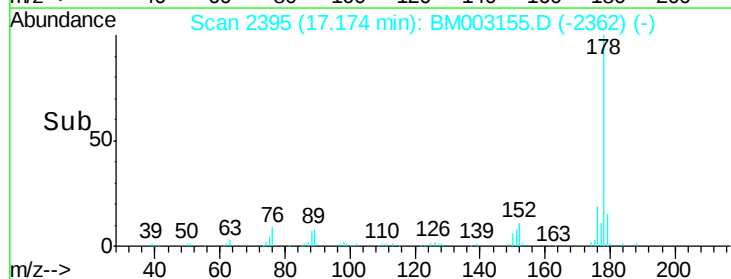
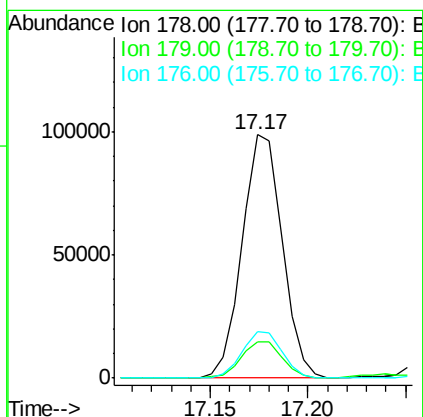
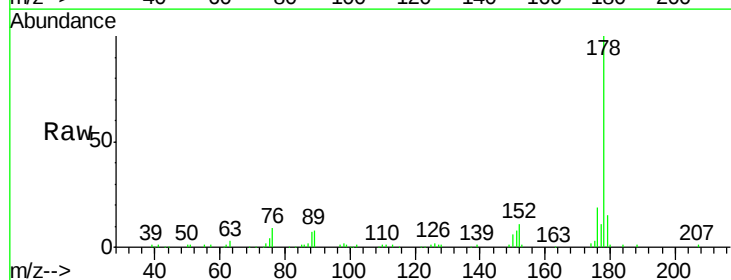
Instrument :
BNA_M
ClientSampleId :

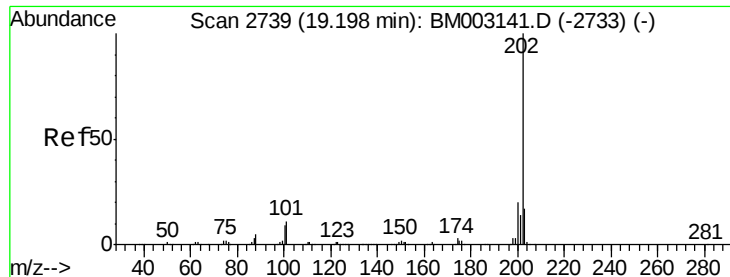
Tot Ion:163 Resp: 230085
Ion Ratio Lower Upper
163 100
194 3.9 3.2 4.8
164 9.8 7.8 11.8



#70
Phenanthrene
Concen: 3.87 ng/ul
RT: 17.17 min Scan# 2395
Delta R.T. -0.01 min
Lab File: BM003155.D
Acq: 16 Nov 2015 22:38

Tgt Ion:178 Resp: 140996
Ion Ratio Lower Upper
178 100
179 15.0 12.2 18.4
176 19.0 14.7 22.1

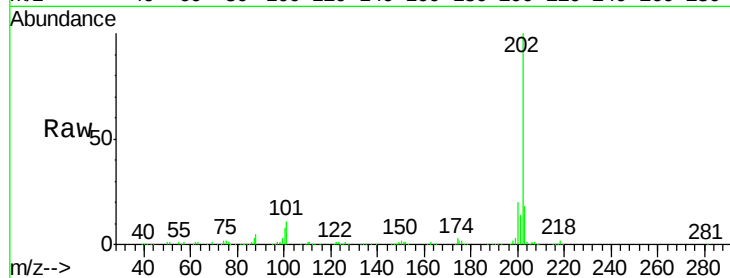




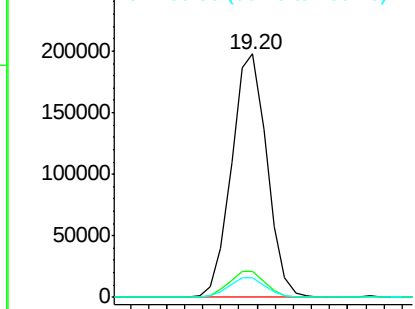
#77
 Fluoranthene
 Concen: 7.28 ng/ul
 RT: 19.20 min Scan# 2739
 Delta R.T. 0.00 min
 Lab File: BM003155.D
 Acq: 16 Nov 2015 22:38

Instrument :
 BNA_M
 ClientSampleId :

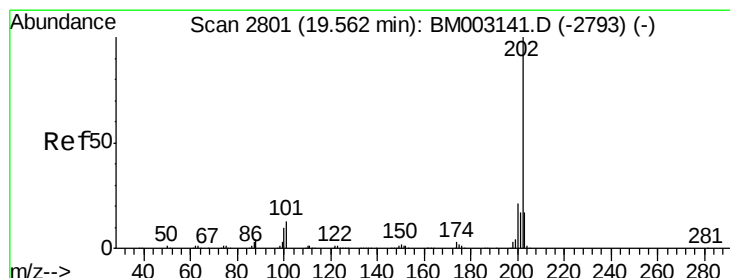
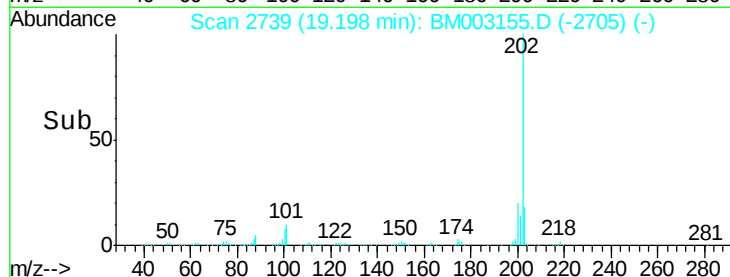
Tot Ion:202 Resp: 268173
 Ion Ratio Lower Upper
 202 100
 101 10.5 10.4 15.6
 100 8.0 7.8 11.6



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

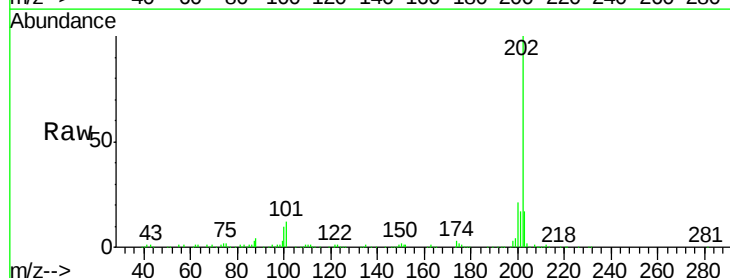


Time-->

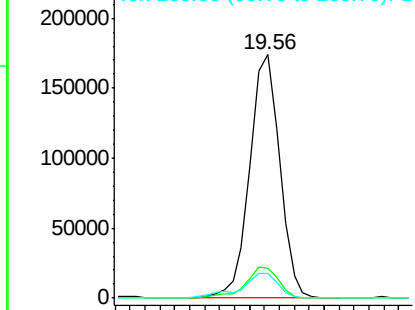


#80
 Pyrene
 Concen: 5.77 ng/ul
 RT: 19.56 min Scan# 2801
 Delta R.T. 0.00 min
 Lab File: BM003155.D
 Acq: 16 Nov 2015 22:38

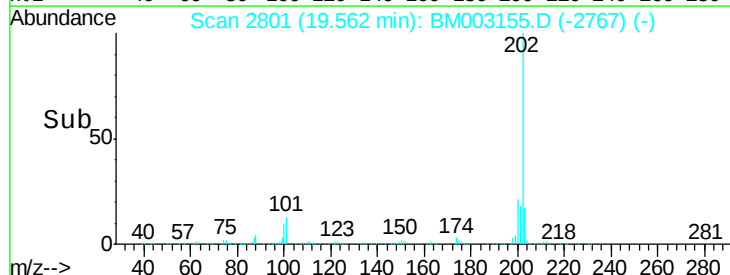
Tgt Ion:202 Resp: 242070
 Ion Ratio Lower Upper
 202 100
 101 12.4 12.6 18.8#
 100 10.2 10.6 15.8#

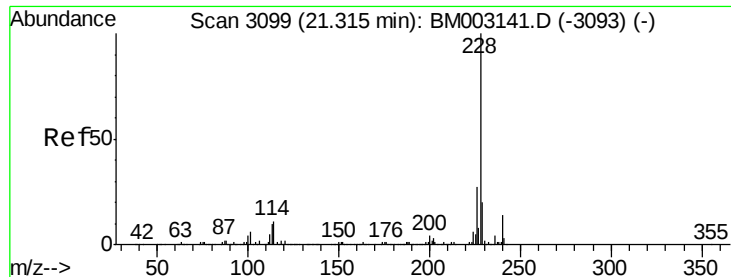


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B



Time-->

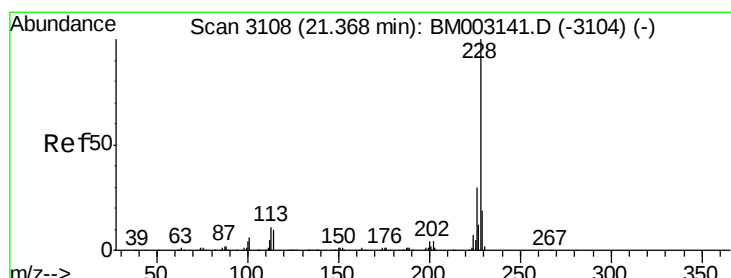
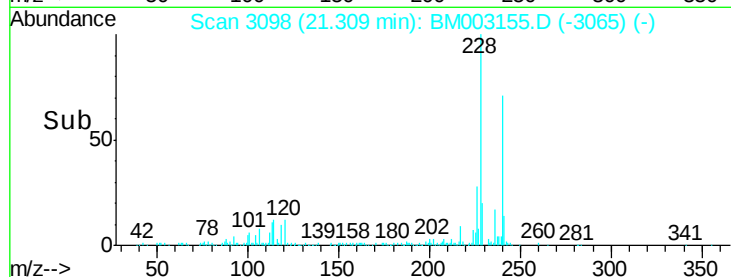
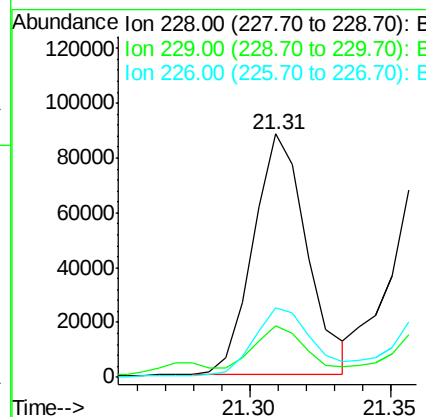
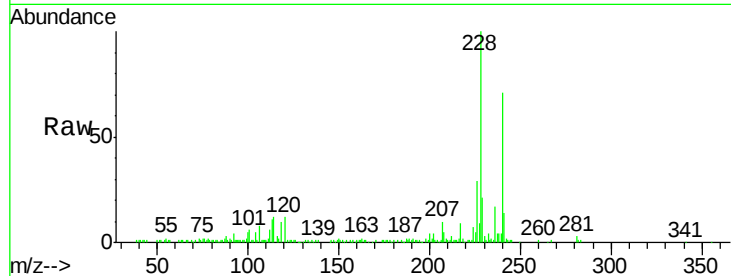




#83
Benzo(a)anthracene
Concen: 3.29 ng/ul
RT: 21.31 min Scan# 3098
Delta R.T. -0.01 min
Lab File: BM003155.D
Acq: 16 Nov 2015 22:38

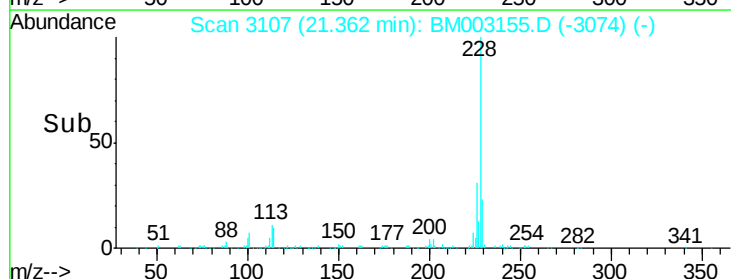
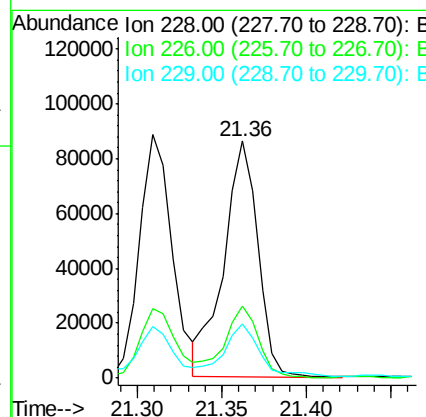
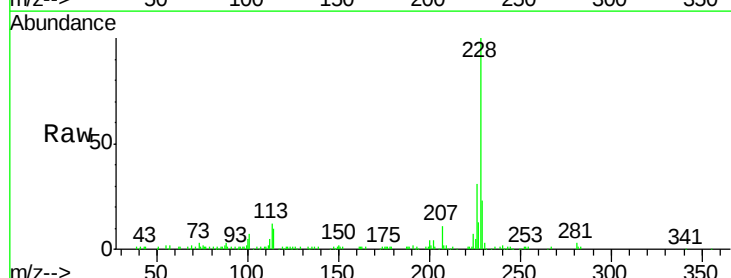
Instrument :
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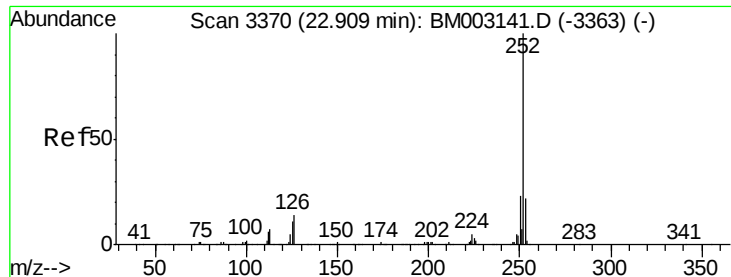
Tot Ion:228 Resp: 115671
Ion Ratio Lower Upper
228 100
229 21.1 15.6 23.4
226 28.7 21.0 31.6



#85
Chrysene
Concen: 3.47 ng/ul
RT: 21.36 min Scan# 3107
Delta R.T. -0.01 min
Lab File: BM003155.D
Acq: 16 Nov 2015 22:38

Tgt Ion:228 Resp: 120893
Ion Ratio Lower Upper
228 100
226 30.7 23.3 34.9
229 23.1 15.8 23.6

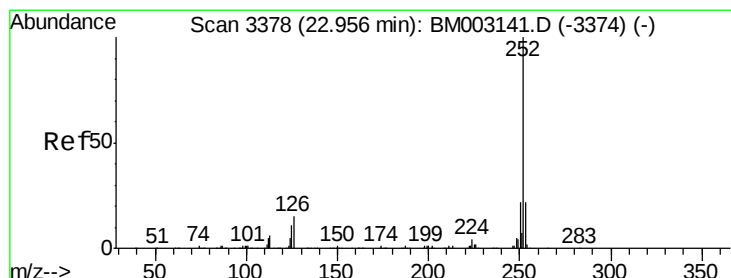
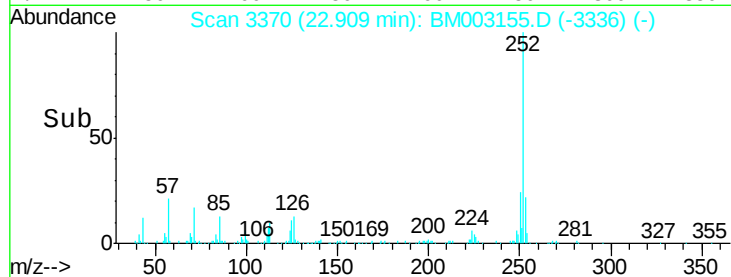
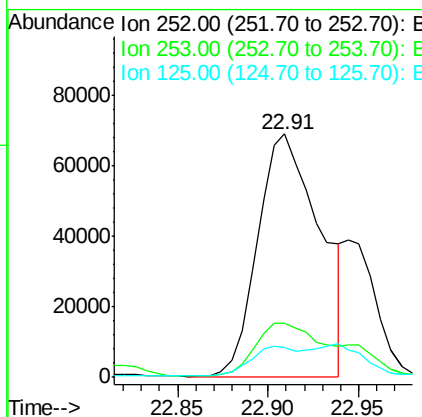
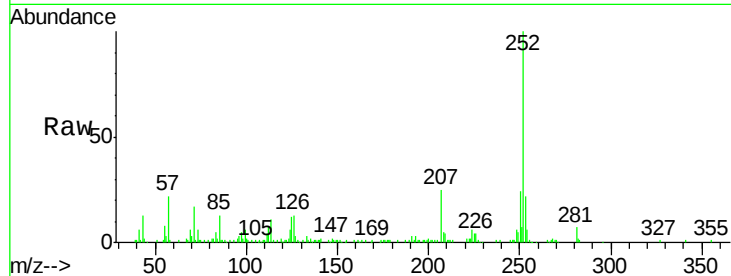




#88
Benzo(b)fluoranthene
Concen: 4.61 ng/ul
RT: 22.91 min Scan# 3370
Delta R.T. 0.00 min
Lab File: BM003155.D
Acq: 16 Nov 2015 22:38

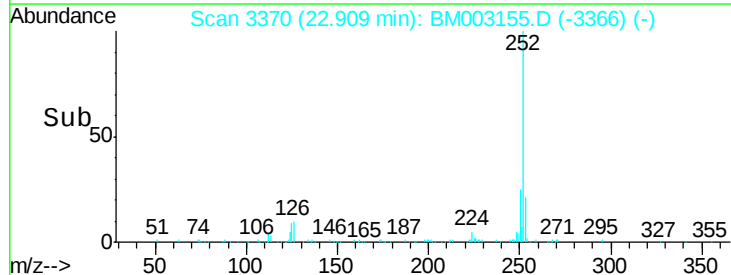
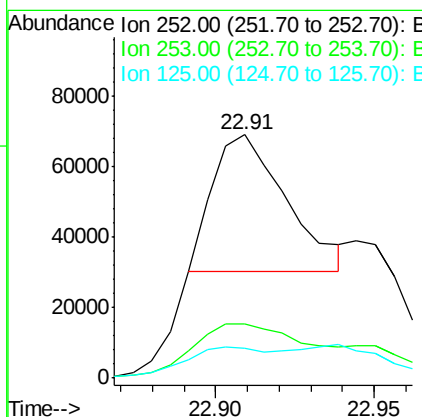
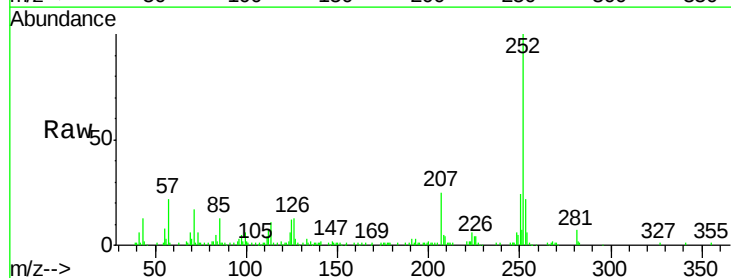
Instrument :
BNA_M
ClientSampleId :

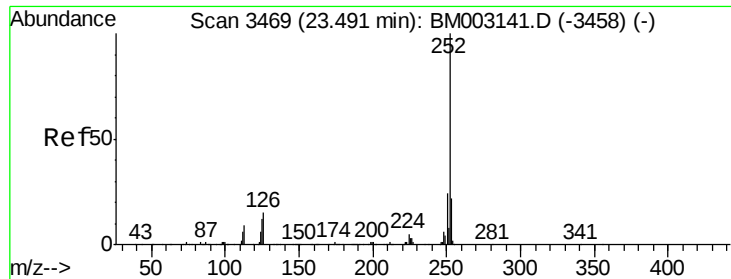
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.4	26.2
125	12.1	10.7	16.1



#89
Benzo(k)fluoranthene
Concen: 1.86 ng/ul
RT: 22.91 min Scan# 3370
Delta R.T. -0.05 min
Lab File: BM003155.D
Acq: 16 Nov 2015 22:38

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.4	26.0
125	12.1	11.1	16.7

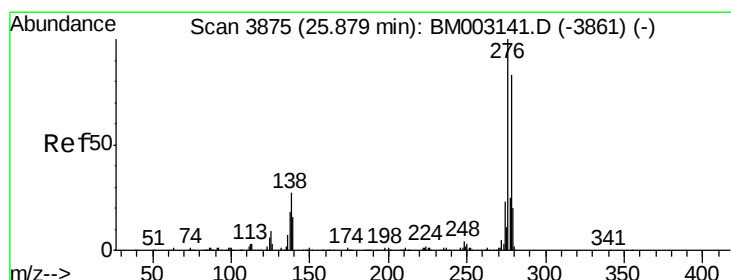
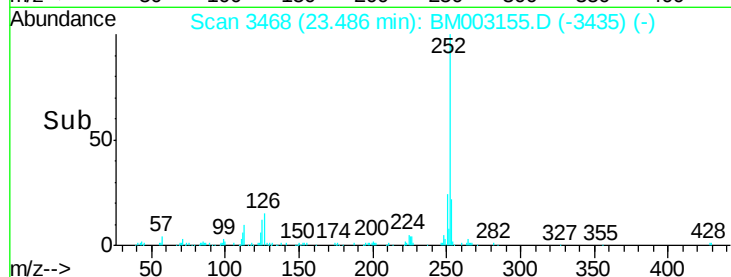
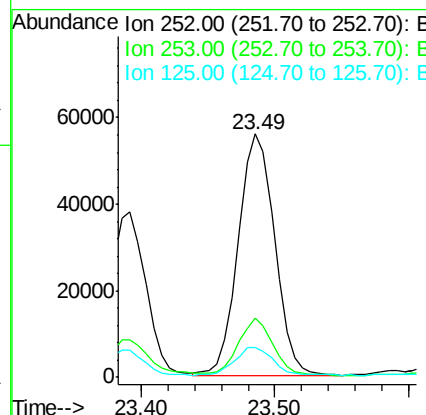
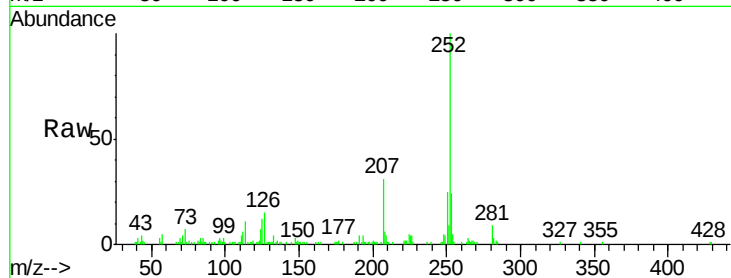




#91
Benzo(a)pyrene
Concen: 3.10 ng/ul
RT: 23.49 min Scan# 3468
Delta R.T. -0.01 min
Lab File: BM003155.D
Acq: 16 Nov 2015 22:38

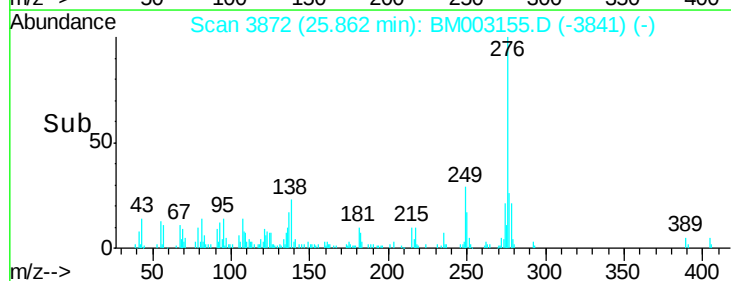
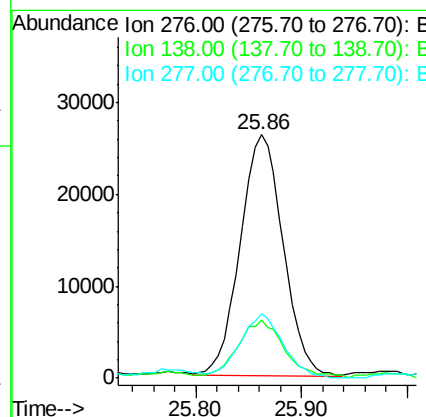
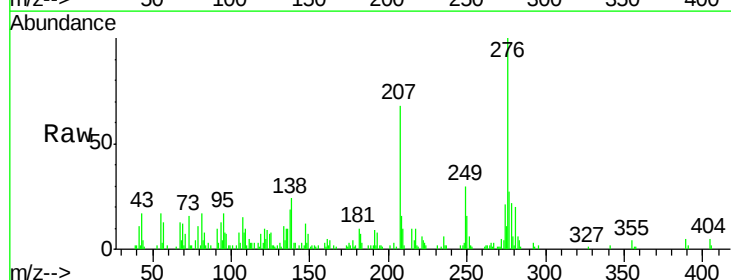
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ClientSampleId :

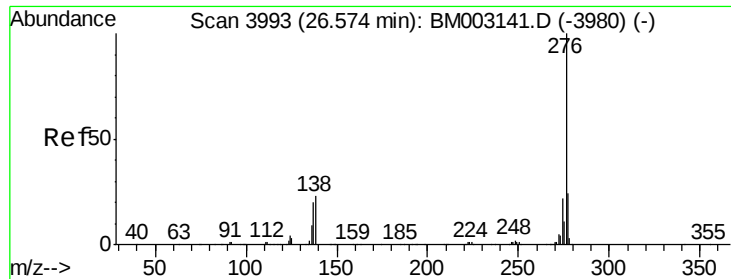
Tot Ion:252 Resp: 105471
Ion Ratio Lower Upper
252 100
253 24.2 17.1 25.7
125 12.4 11.9 17.9



#92
Indeno(1,2,3-cd)pyrene
Concen: 1.98 ng/ul
RT: 25.86 min Scan# 3872
Delta R.T. -0.02 min
Lab File: BM003155.D
Acq: 16 Nov 2015 22:38

Tgt Ion:276 Resp: 74247
Ion Ratio Lower Upper
276 100
138 23.7 26.6 40.0#
277 26.7 20.2 30.4





#94

Benzo(a,h,i)perylene

Concen: 1.76 ng/ul

RT: 26.56 min Scan# 3991

Delta R.T. -0.01 min

Lab File: BM003155.D

Acq: 16 Nov 2015 22:38

Instrument :

BNA_M

ClientSampleId :

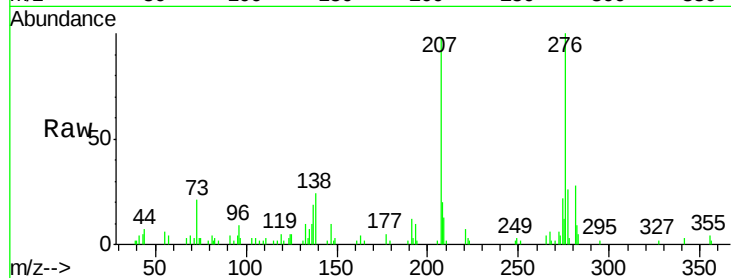
Tot Ion:276 Resp: 59206

Ion Ratio Lower Upper

276 100

138 24.5 23.8 35.6

277 25.7 19.4 29.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

