

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072315\
 Data File : BM002028.D
 Acq On : 23 Jul 2015 22:14
 Operator : TP/UM
 Sample : G3000-05
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C02B1RE

Quant Time: Jul 24 01:35:07 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071315.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 24 01:29:30 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	92146	20.00	ng/ul	0.00
18) Naphthalene-d8	10.40	136	354497	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.28	164	184131	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.03	188	369046	20.00	ng/ul	0.00
77) Chrysene-d12	21.23	240	394485	20.00	ng/ul	0.00
85) Perylene-d12	23.44	264	413098	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.09	96	3232	1.72	ng/uL	0.00
5) Phenol-d5	6.79	99	87330	11.61	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.95	67	49216	12.00	ng/ul	0.00
9) 2-Chlorophenol-d4	7.15	132	75611	12.66	ng/ul	0.00
13) 4-Methylphenol-d8	8.33	113	67017	10.85	ng/ul	0.00
19) Nitrobenzene-d5	8.77	128	32890	12.42	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	29957	10.21	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	72268	12.18	ng/ul	0.00
29) 4-Chloroaniline-d4	10.55	131	76872	12.59	ng/ul	0.00
43) Dimethylphthalate-d6	13.69	166	203289	13.69	ng/ul	0.00
46) Acenaphthylene-d8	13.97	160	224750	12.58	ng/ul	0.00
51) 4-Nitrophenol-d4	14.50	143	25445	10.12	ng/ul	0.00
57) Fluorene-d10	15.27	176	152174	11.99	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.41	200	2319	0.97	ng/ul	0.00
70) Anthracene-d10	17.13	188	223768	12.92	ng/ul	0.00
78) Pyrene-d10	19.43	212	229193	12.72	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.30	264	234108	11.21	ng/ul	0.00

Target Compounds

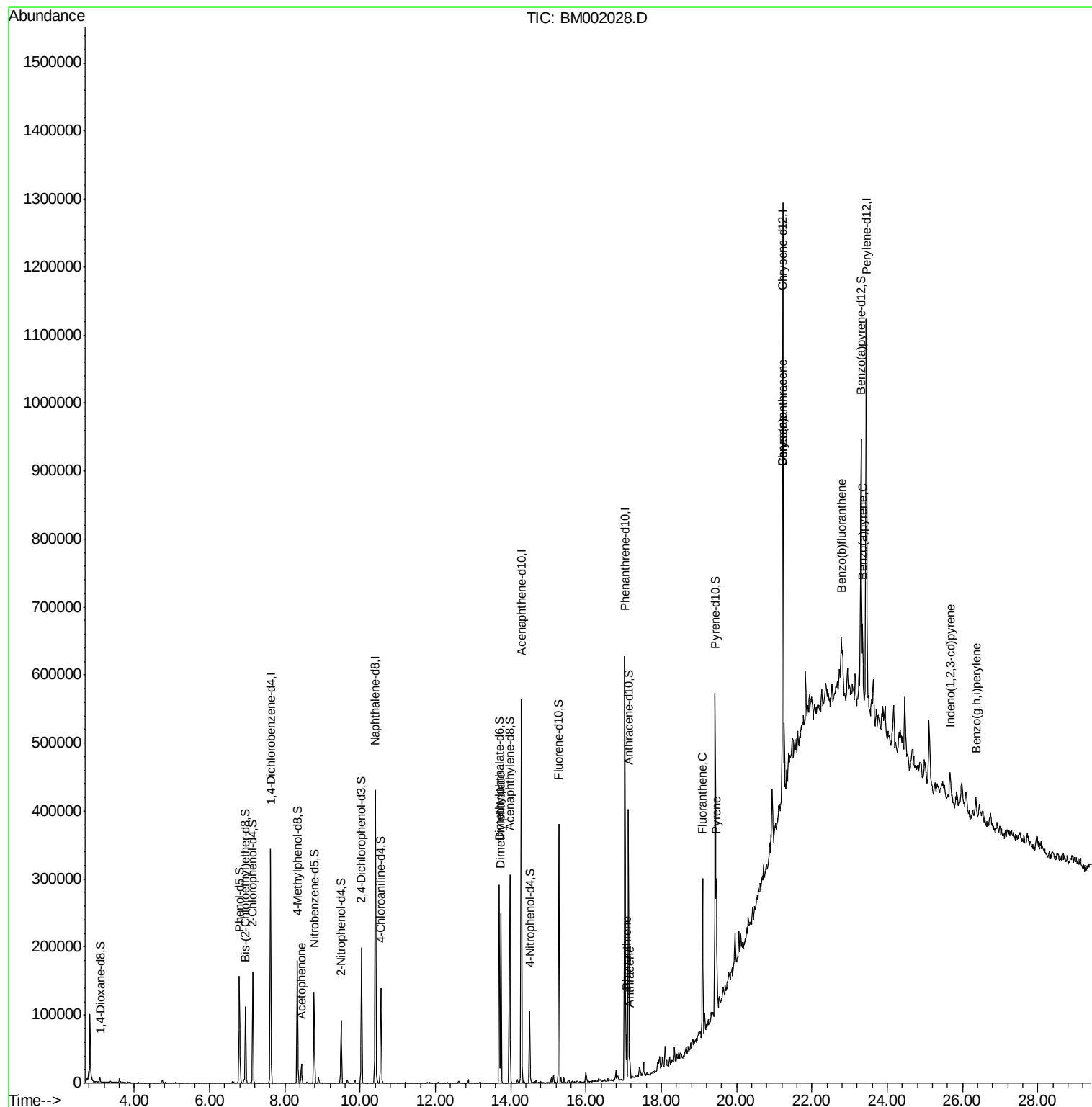
						Qvalue
14) Acetophenone	8.44	105	16698	1.71	ng/ul#	91
44) Dimethylphthalate	13.74	163	166063	10.99	ng/ul	99
69) Phenanthrene	17.07	178	38553	1.93	ng/ul	98
71) Anthracene	17.16	178	25007	1.21	ng/ul	98
76) Fluoranthene	19.09	202	129461	5.54	ng/ul	98
79) Pyrene	19.46	202	113966	4.83	ng/ul	99
82) Benzo(a)anthracene	21.21	228	57530	2.45	ng/ul	95
84) Chrysene	21.21	228	59277	2.70	ng/ul	96
87) Benzo(b)fluoranthene	22.77	252	72724	2.87	ng/ul#	85
90) Benzo(a)pyrene	23.34	252	51712	2.17	ng/ul#	86
91) Indeno(1,2,3-cd)pyrene	25.67	276	35321	1.41	ng/ul	99
93) Benzo(g,h,i)perylene	26.35	276	32155	1.57	ng/ul#	83

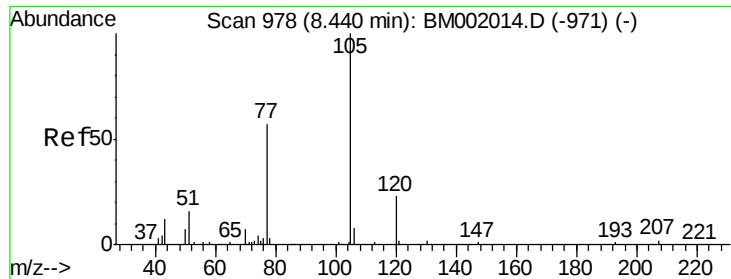
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jul 24 01:29:30 2015
Response via : Initial Calibration





#14

Acetophenone

Concen: 1.71 ng/ul

RT: 8.44 min Scan# 978

Delta R.T. -0.00 min

Lab File: BM002028.D

Acq: 23 Jul 2015 22:14

Instrument :

BNA_M

ClientSampleId :

C02B1RE

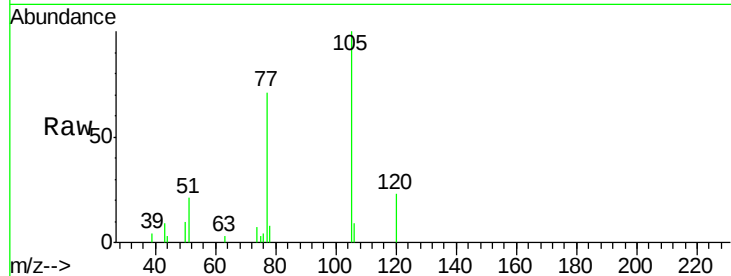
Tgt Ion:105 Resp: 16698

Ion Ratio Lower Upper

105 100

77 70.8 62.2 93.4

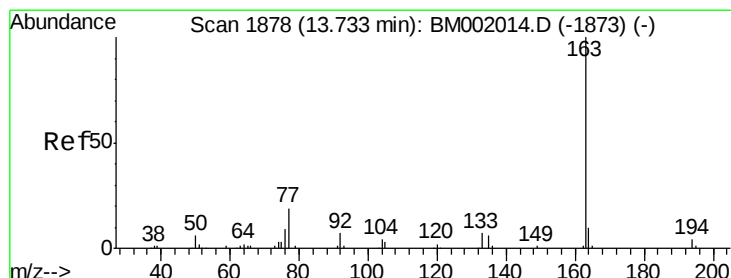
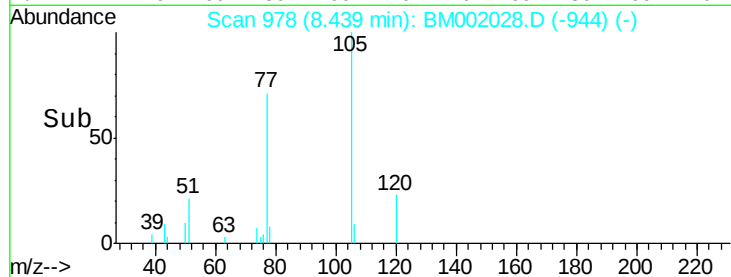
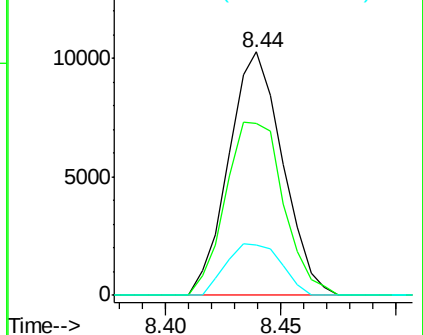
51 20.8 21.4 32.0#



Abundance Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BM0

Ion 51.00 (50.70 to 51.70): BM0



#44

Dimethylphthalate

Concen: 10.99 ng/ul

RT: 13.74 min Scan# 1879

Delta R.T. 0.01 min

Lab File: BM002028.D

Acq: 23 Jul 2015 22:14

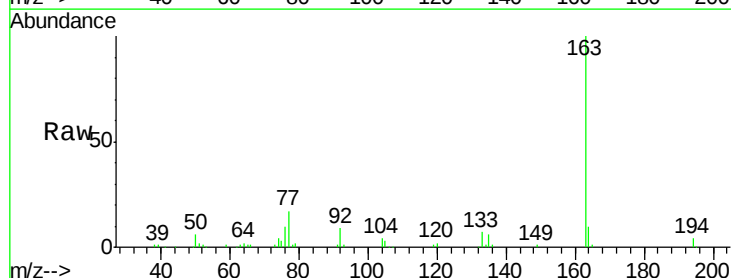
Tgt Ion:163 Resp: 166063

Ion Ratio Lower Upper

163 100

194 4.4 3.5 5.3

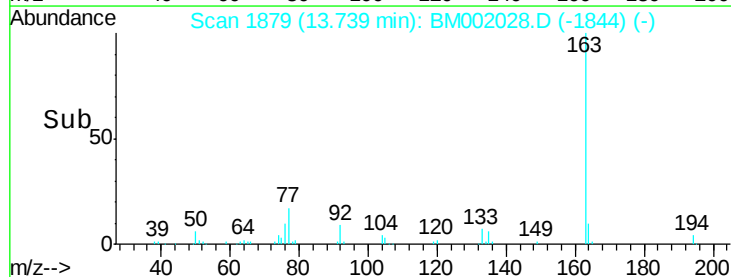
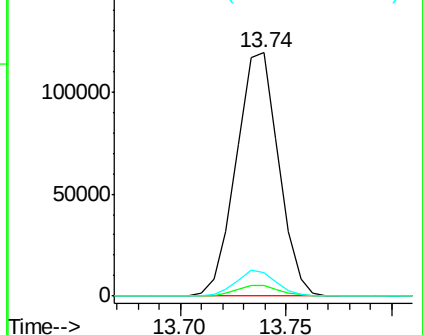
164 9.7 8.2 12.4

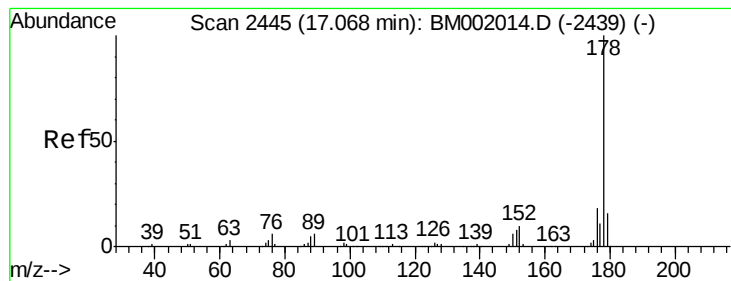


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#69

Phenanthrene

Concen: 1.93 ng/ul

RT: 17.07 min Scan# 2445

Delta R.T. -0.00 min

Lab File: BM002028.D

Acq: 23 Jul 2015 22:14

Instrument :

BNA_M

ClientSampleId :

C02B1RE

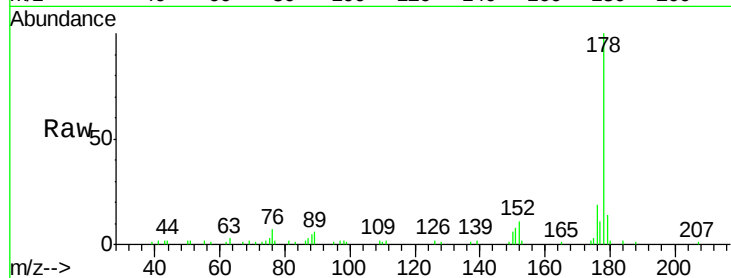
Tgt Ion:178 Resp: 38553

Ion Ratio Lower Upper

178 100

179 14.3 12.1 18.1

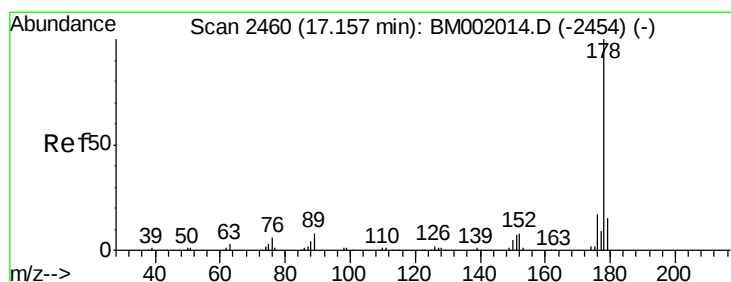
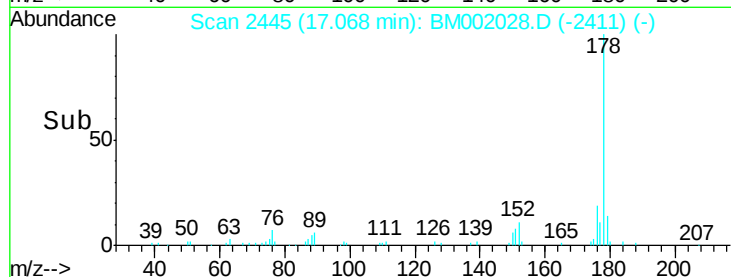
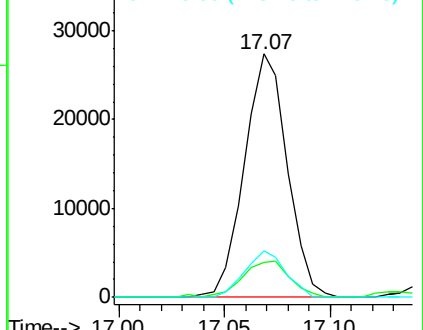
176 19.1 14.6 21.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#71

Anthracene

Concen: 1.21 ng/ul

RT: 17.16 min Scan# 2461

Delta R.T. 0.01 min

Lab File: BM002028.D

Acq: 23 Jul 2015 22:14

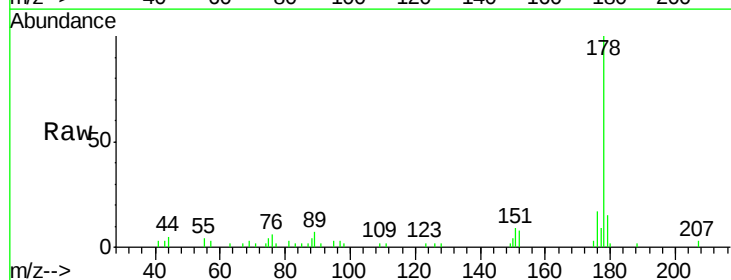
Tgt Ion:178 Resp: 25007

Ion Ratio Lower Upper

178 100

179 15.1 12.4 18.6

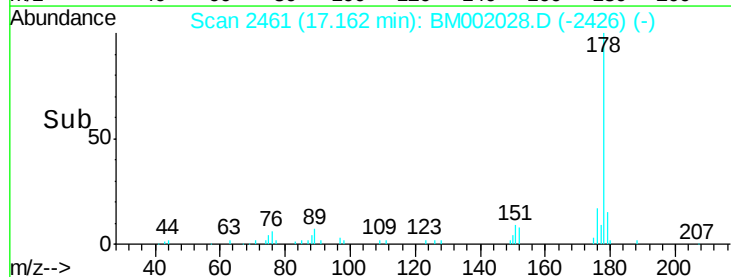
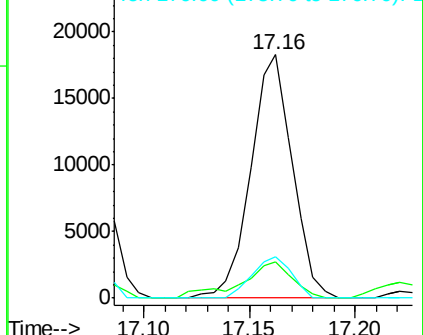
176 17.0 14.3 21.5

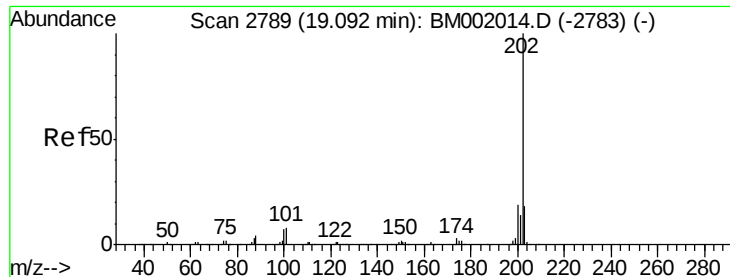


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

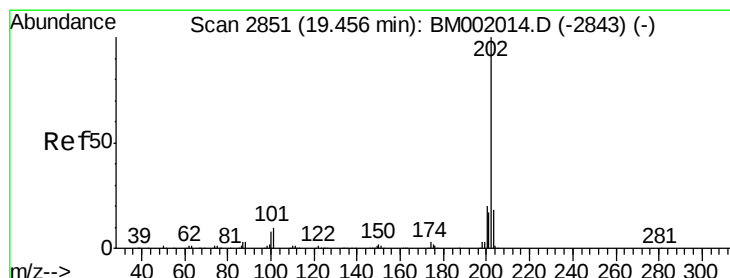
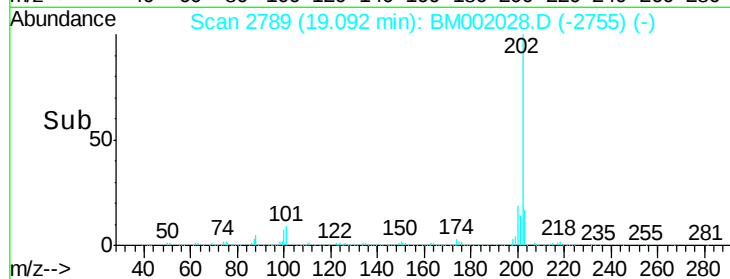
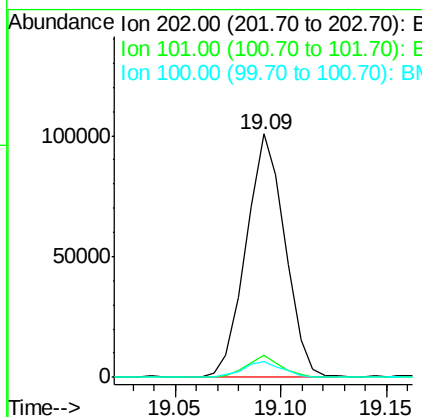
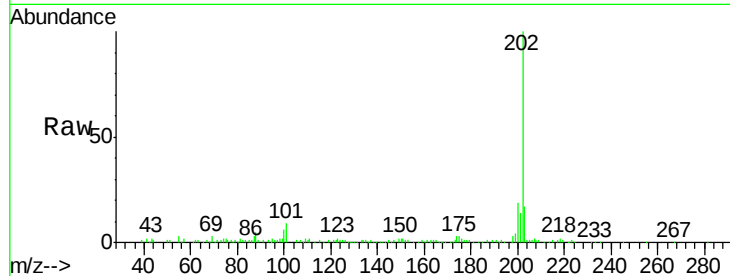




#76
Fluoranthene
Concen: 5.54 ng/ul
RT: 19.09 min Scan# 2789
Delta R.T. -0.00 min
Lab File: BM002028.D
Acq: 23 Jul 2015 22:14

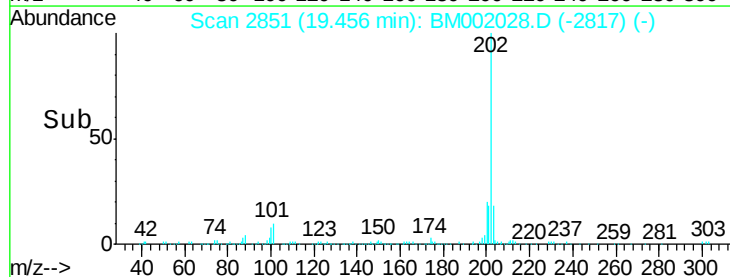
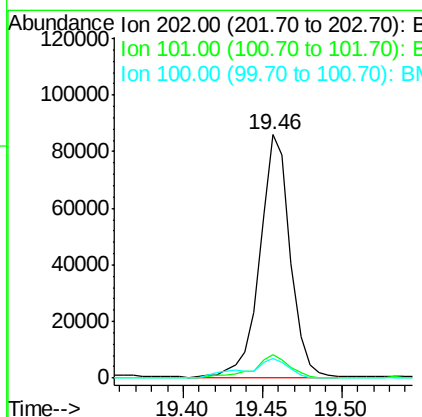
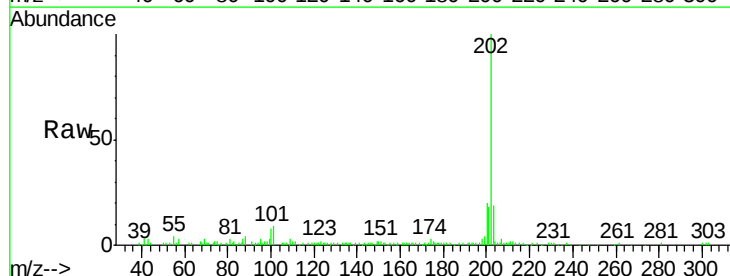
Instrument :
BNA_M
ClientSampleId :
C02B1RE

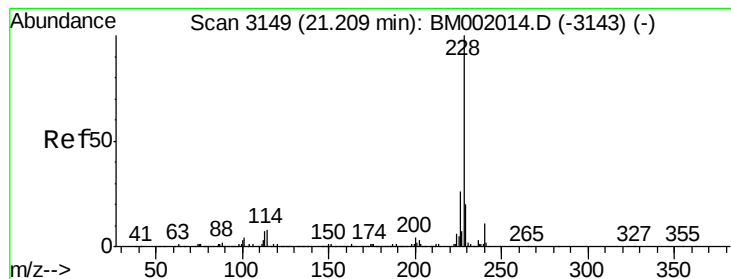
Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.9	6.3	9.5
100	6.5	5.0	7.4



#79
Pyrene
Concen: 4.83 ng/ul
RT: 19.46 min Scan# 2851
Delta R.T. -0.00 min
Lab File: BM002028.D
Acq: 23 Jul 2015 22:14

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.4	7.3	10.9
100	8.2	6.2	9.4





#82

Benzo(a)anthracene

Concen: 2.45 ng/ul

RT: 21.21 min Scan# 3149

Delta R.T. -0.00 min

Lab File: BM002028.D

Acq: 23 Jul 2015 22:14

Instrument :

BNA_M

ClientSampleId :

C02B1RE

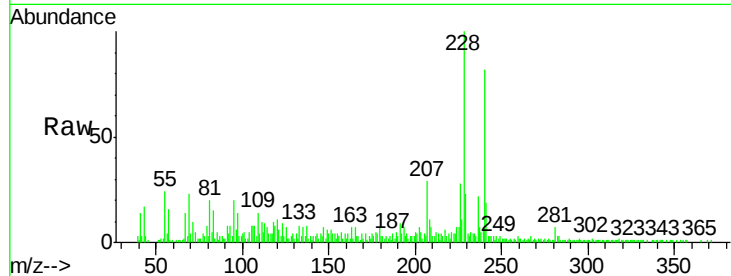
Tgt Ion:228 Resp: 57530

Ion Ratio Lower Upper

228 100

229 22.9 15.4 23.2

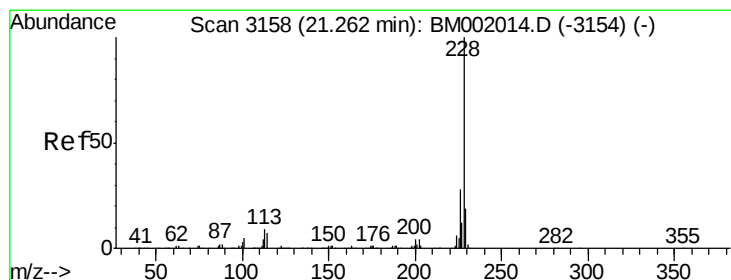
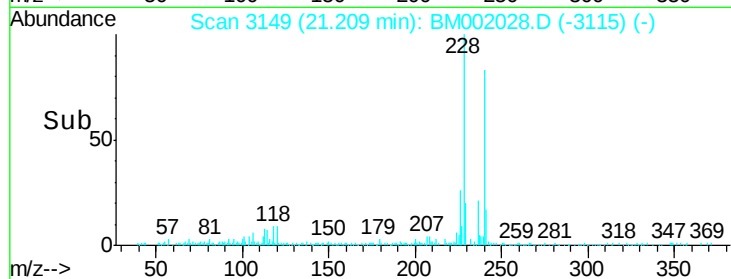
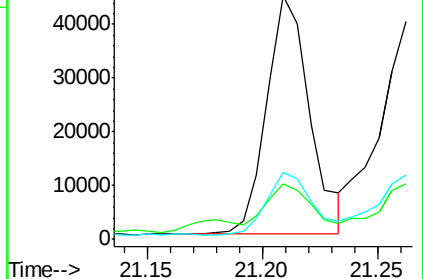
226 27.6 20.7 31.1



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



#84

Chrysene

Concen: 2.70 ng/ul

RT: 21.21 min Scan# 3149

Delta R.T. -0.05 min

Lab File: BM002028.D

Acq: 23 Jul 2015 22:14

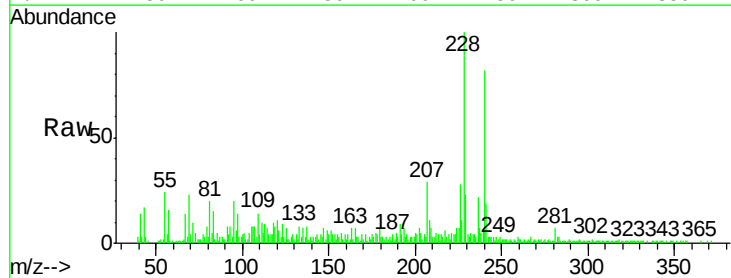
Tgt Ion:228 Resp: 59277

Ion Ratio Lower Upper

228 100

226 27.6 23.0 34.4

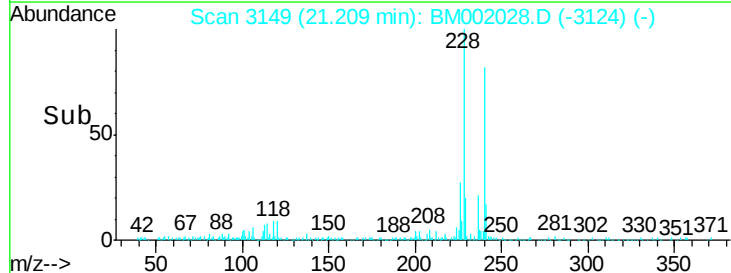
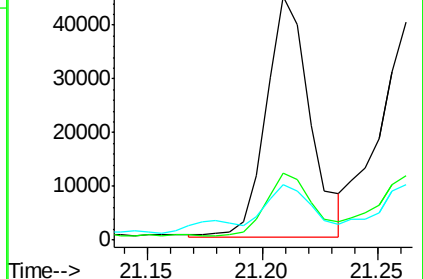
229 22.9 15.6 23.4

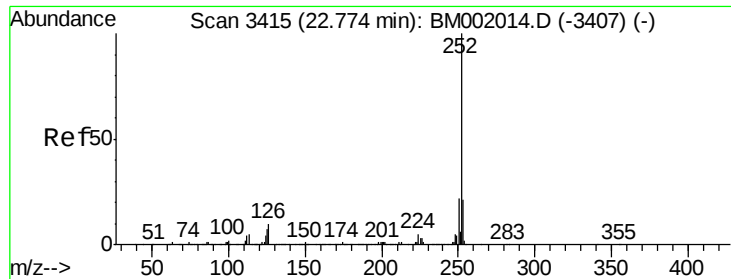


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#87

Benzo(b)fluoranthene

Concen: 2.87 ng/ul

RT: 22.77 min Scan# 3415

Delta R.T. -0.00 min

Lab File: BM002028.D

Acq: 23 Jul 2015 22:14

Instrument :

BNA_M

ClientSampled :

C02B1RE

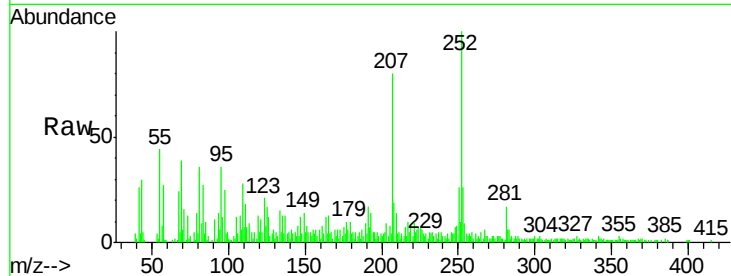
Tgt Ion:252 Resp: 72724

Ion Ratio Lower Upper

252 100

253 25.9 17.2 25.8#

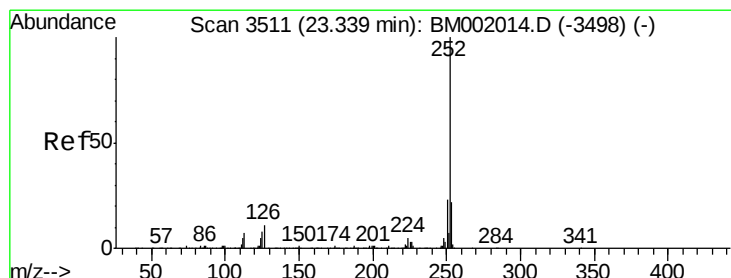
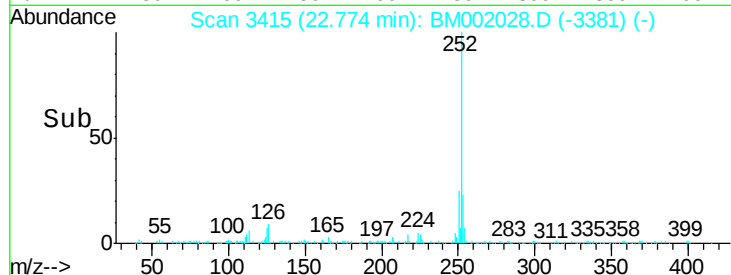
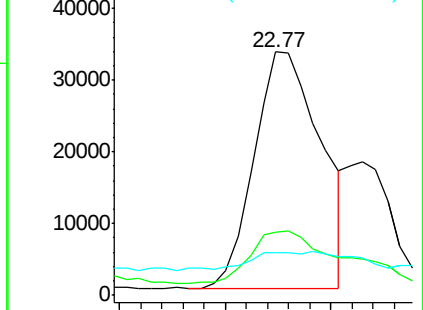
125 17.4 5.3 7.9#



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



#90

Benzo(a)pyrene

Concen: 2.17 ng/ul

RT: 23.34 min Scan# 3512

Delta R.T. 0.01 min

Lab File: BM002028.D

Acq: 23 Jul 2015 22:14

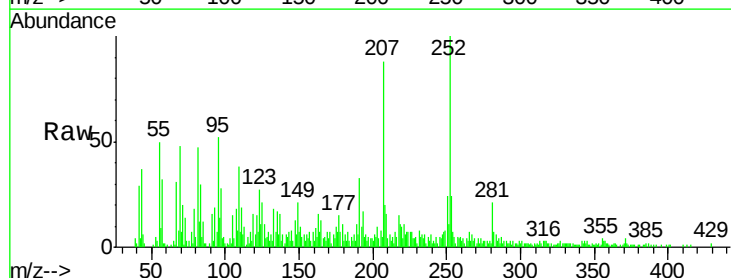
Tgt Ion:252 Resp: 51712

Ion Ratio Lower Upper

252 100

253 24.4 17.6 26.4

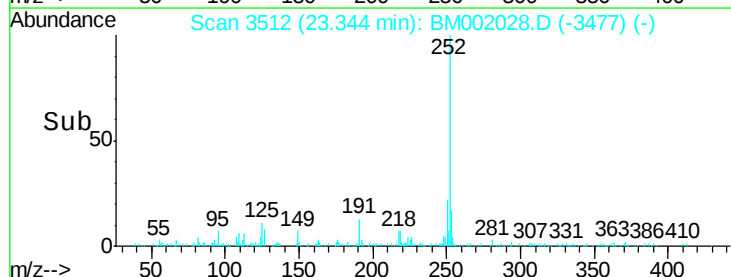
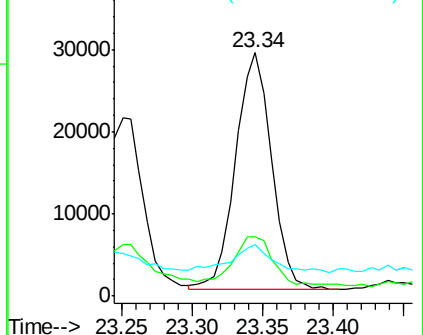
125 21.4 6.0 9.0#

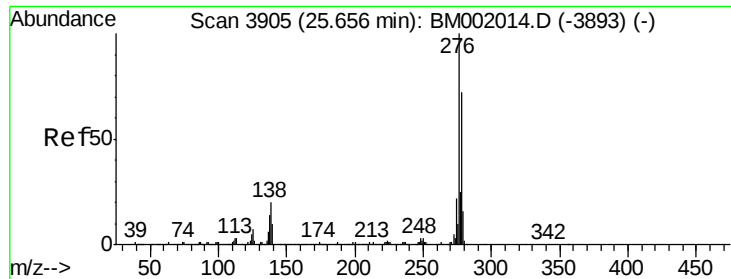


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Indeno(1,2,3-cd)pyrene

Concen: 1.41 ng/ul

RT: 25.67 min Scan# 3907

Delta R.T. 0.01 min

Lab File: BM002028.D

Acq: 23 Jul 2015 22:14

Instrument :

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ClientSampleId :

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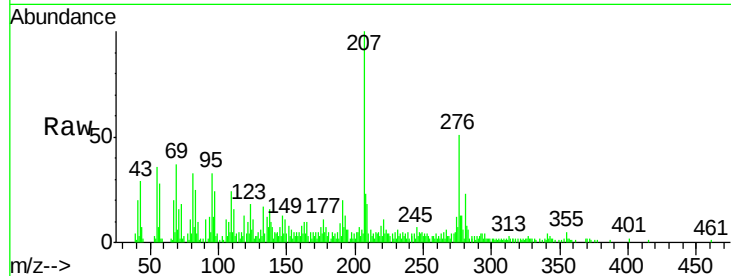
Tgt Ion:276 Resp: 35321

Ion Ratio Lower Upper

276 100

138 19.5 15.2 22.8

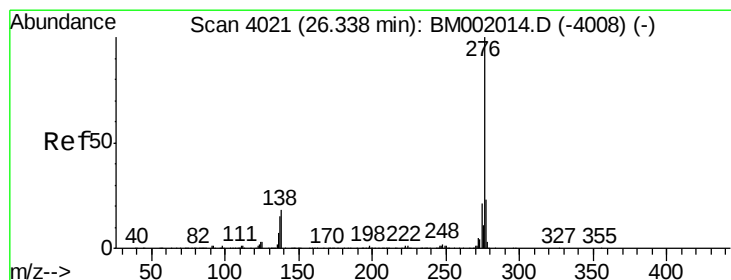
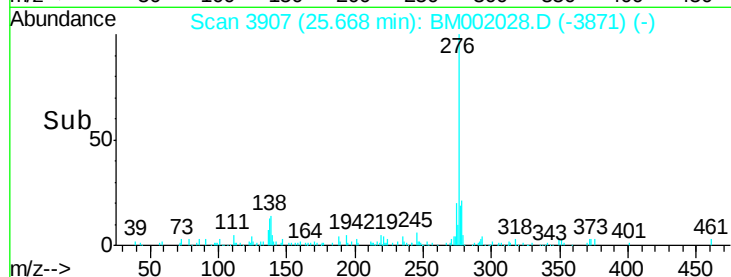
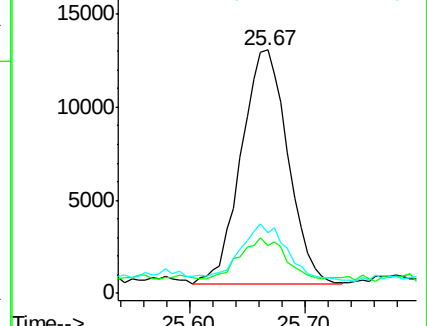
277 25.1 20.1 30.1



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



#93

Benzo(g,h,i)perylene

Concen: 1.57 ng/ul

RT: 26.35 min Scan# 4023

Delta R.T. 0.01 min

Lab File: BM002028.D

Acq: 23 Jul 2015 22:14

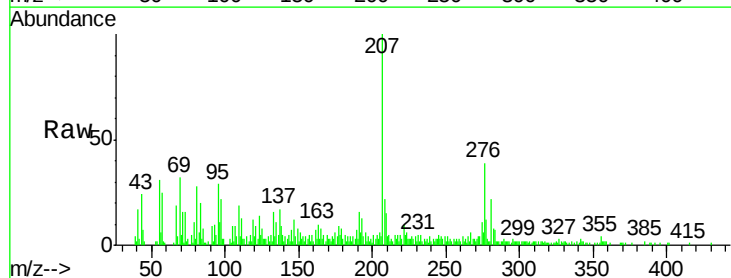
Tgt Ion:276 Resp: 32155

Ion Ratio Lower Upper

276 100

138 24.2 12.7 19.1#

277 30.5 18.6 28.0#



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

