

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081316\
 Data File : BM007070.D
 Acq On : 13 Aug 2016 15:35
 Operator : UM/SJ
 Sample : H4387-07
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 P003-SS002-2430-01

Quant Time: Aug 15 10:21:11 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081116.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Aug 13 00:47:53 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	266233	20.00	ng/ul	0.00
18) Naphthalene-d8	10.60	136	1051117	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.44	164	616966	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	1467784	20.00	ng/ul	0.00
75) Chrysene-d12	21.37	240	1838871	20.00	ng/ul	0.00
83) Perylene-d12	23.64	264	1936369	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	3.33	96	30305	4.97	ng/uL	0.00
5) Phenol-d5	6.97	99	568925	26.38	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	339329	27.45	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	471665	27.46	ng/ul	0.00
13) 4-Methylphenol-d8	8.51	113	421331	23.74	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	226610	29.68	ng/ul	0.00
22) 2-Nitrophenol-d4	9.68	143	257056	31.52	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	471768	27.61	ng/ul	0.00
29) 4-Chloroaniline-d4	10.73	131	559797	27.54	ng/ul	0.00
43) Dimethylphthalate-d6	13.85	166	1488179	29.19	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	1817596	29.68	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	221163	24.20	ng/ul	0.00
57) Fluorene-d10	15.43	176	1300037	29.17	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.54	200	202205	24.93	ng/ul	-0.01
70) Anthracene-d10	17.28	188	2026669	29.81	ng/ul	0.00
76) Pyrene-d10	19.57	212	2471772	31.85	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.50	264	2781347	31.40	ng/ul	0.00

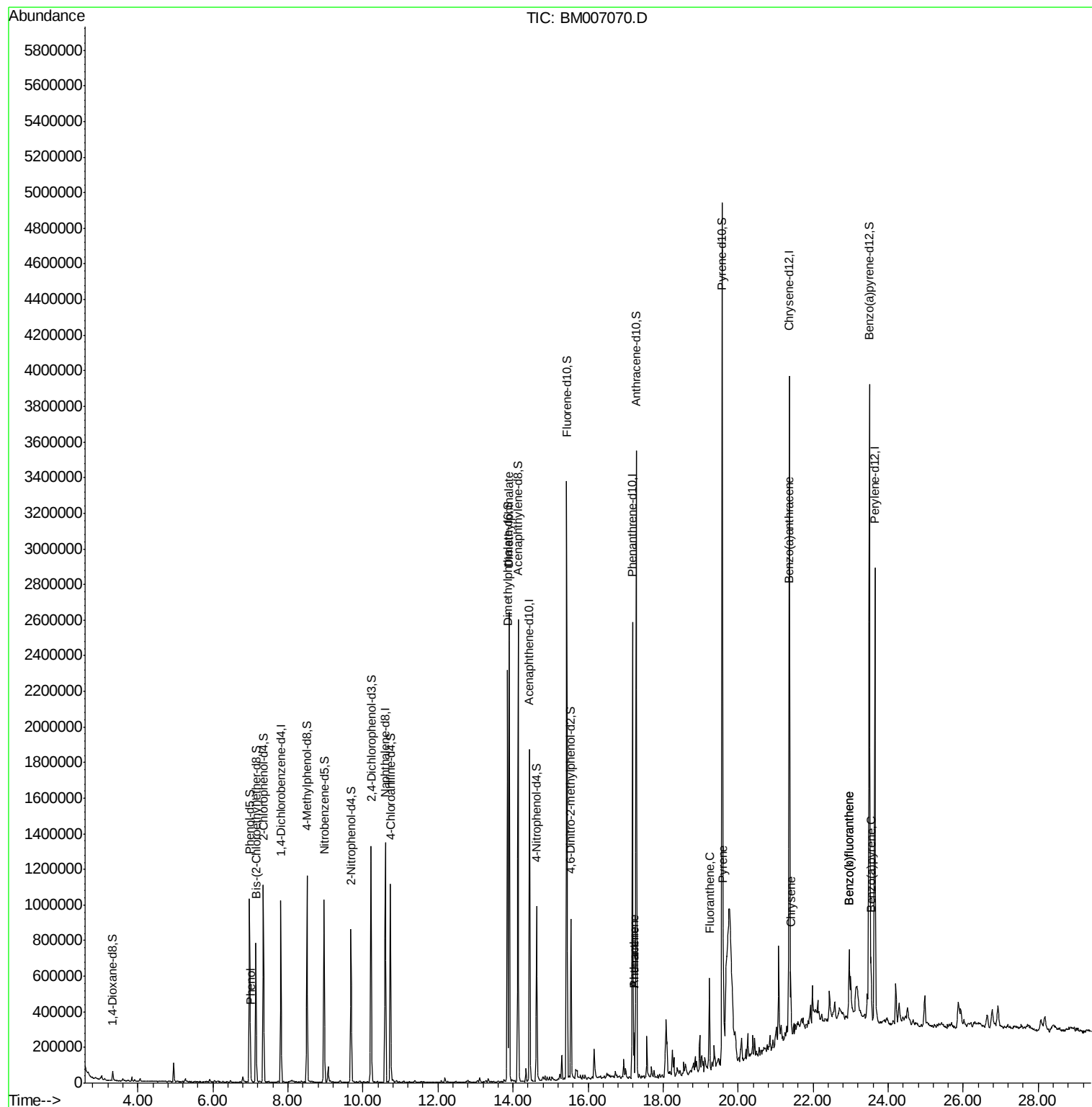
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) Phenol	7.00	94	50921	2.24	ng/ul	94
44) Dimethylphthalate	13.90	163	1678934	32.95	ng/ul	99
69) Phenanthrene	17.23	178	149819	1.90	ng/ul	99
71) Anthracene	17.23	178	149819	1.85	ng/ul	99
74) Fluoranthene	19.24	202	283616	2.96	ng/ul	99
77) Pyrene	19.60	202	354051	3.48	ng/ul	99
80) Benzo(a)anthracene	21.35	228	167559	1.54	ng/ul	94
82) Chrysene	21.40	228	201798	2.03	ng/ul	97
85) Benzo(b)fluoranthene	22.96	252	200232	1.72	ng/ul#	91
86) Benzo(k)fluoranthene	22.96	252	200232	1.83	ng/ul#	92
88) Benzo(a)pyrene	23.54	252	160514	1.45	ng/ul#	97

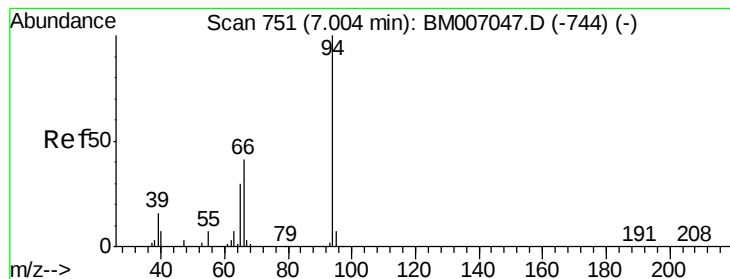
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration





#6

Phenol

Concen: 2.24 ng/ul

RT: 7.00 min Scan# 751

Delta R.T. -0.00 min

Lab File: BM007070.D

Acq: 13 Aug 2016 15:35

Instrument :

BNA_M

ClientSampleId :

P003-SS002-2430-01

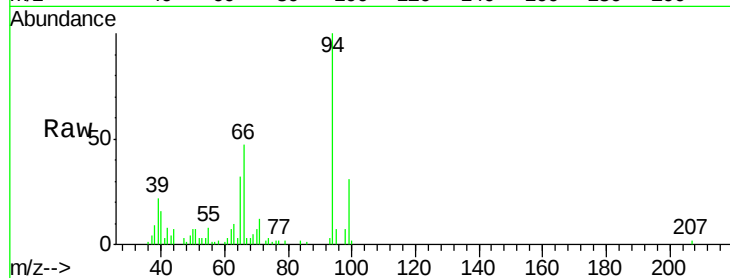
Tgt Ion: 94 Resp: 50921

Ion Ratio Lower Upper

94 100

65 32.1 23.9 35.9

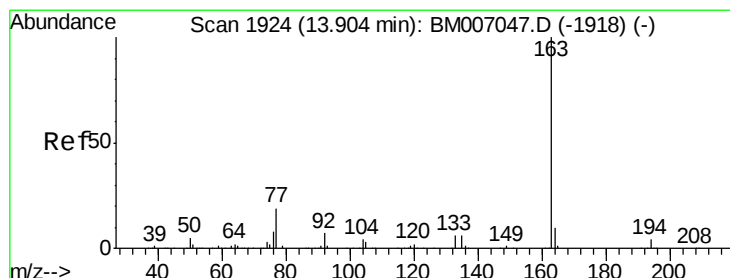
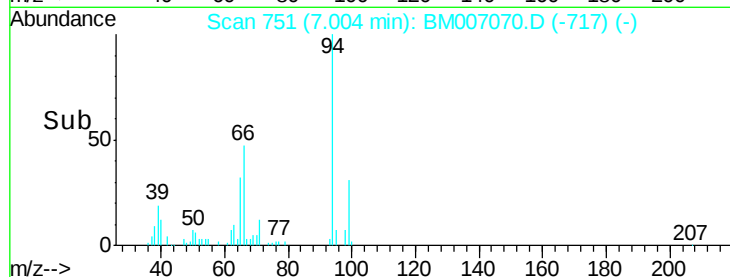
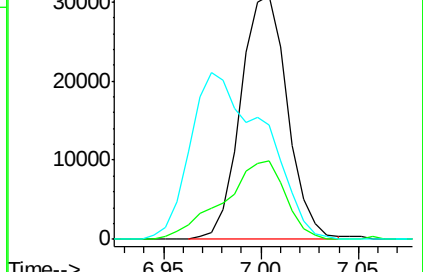
66 47.0 33.5 50.3



Abundance Ion 94.00 (93.70 to 94.70): BM007047.D (-744) (-)

Ion 65.00 (64.70 to 65.70): BM007047.D (-744) (-)

Ion 66.00 (65.70 to 66.70): BM007047.D (-744) (-)



#44

Dimethylphthalate

Concen: 32.95 ng/ul

RT: 13.90 min Scan# 1923

Delta R.T. -0.01 min

Lab File: BM007070.D

Acq: 13 Aug 2016 15:35

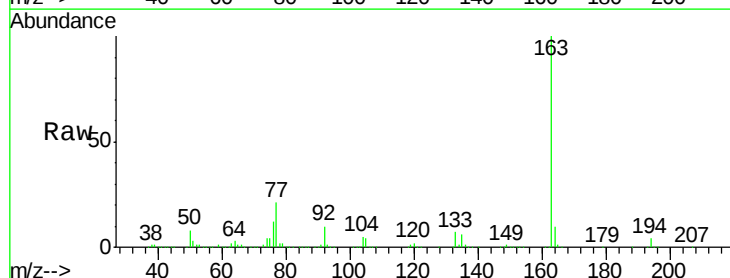
Tgt Ion: 163 Resp: 1678934

Ion Ratio Lower Upper

163 100

194 4.0 3.4 5.2

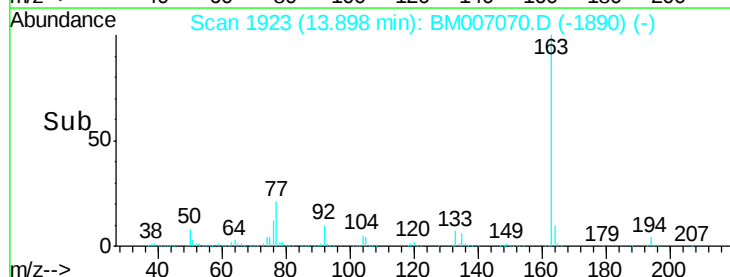
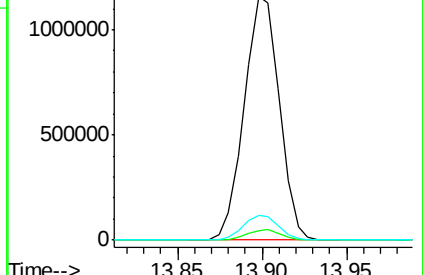
164 10.4 7.8 11.8

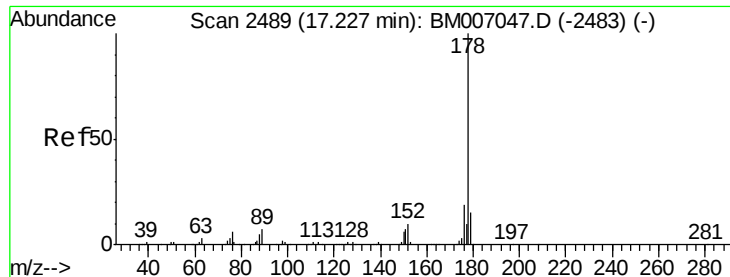


Abundance Ion 163.00 (162.70 to 163.70): BM007047.D (-1918) (-)

Ion 194.00 (193.70 to 194.70): BM007047.D (-1918) (-)

Ion 164.00 (163.70 to 164.70): BM007047.D (-1918) (-)





#69

Phenanthrene

Concen: 1.90 ng/ul

RT: 17.23 min Scan# 2489

Delta R.T. -0.00 min

Lab File: BM007070.D

Acq: 13 Aug 2016 15:35

Instrument :

BNA_M

ClientSampleId :

P003-SS002-2430-01

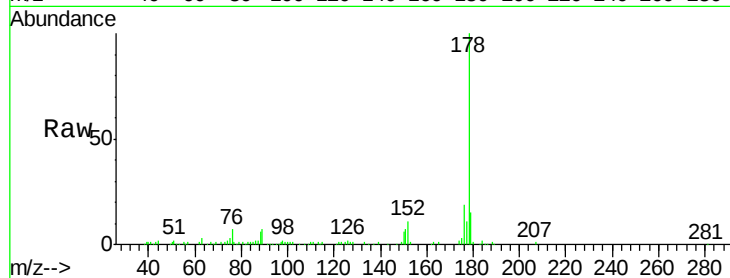
Tgt Ion:178 Resp: 149819

Ion Ratio Lower Upper

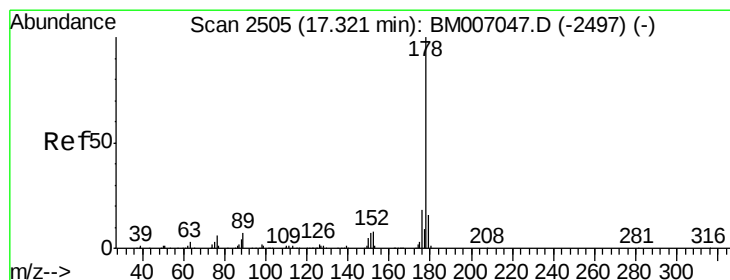
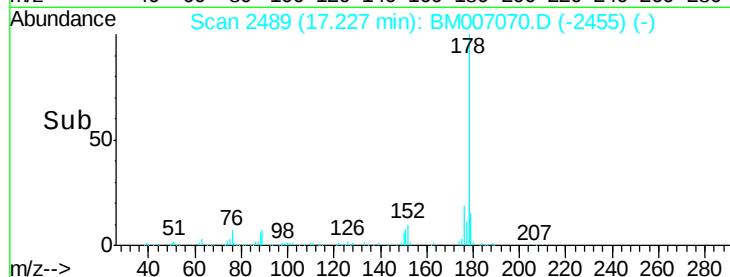
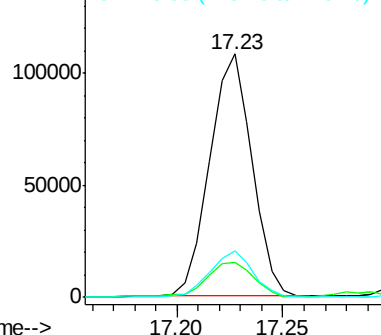
178 100

179 14.6 12.2 18.2

176 18.9 15.1 22.7



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: 1.85 ng/ul

RT: 17.23 min Scan# 2489

Delta R.T. -0.09 min

Lab File: BM007070.D

Acq: 13 Aug 2016 15:35

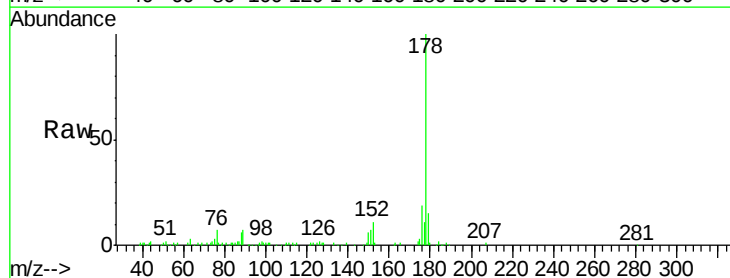
Tgt Ion:178 Resp: 149819

Ion Ratio Lower Upper

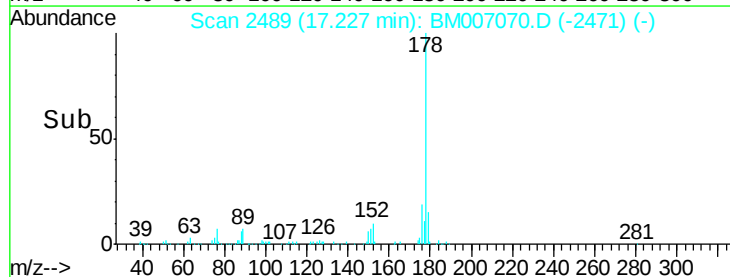
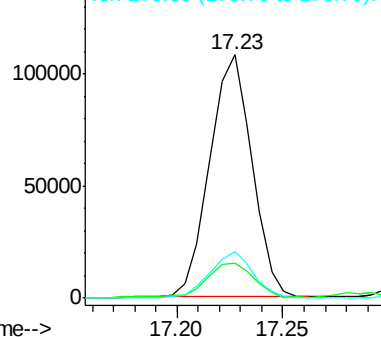
178 100

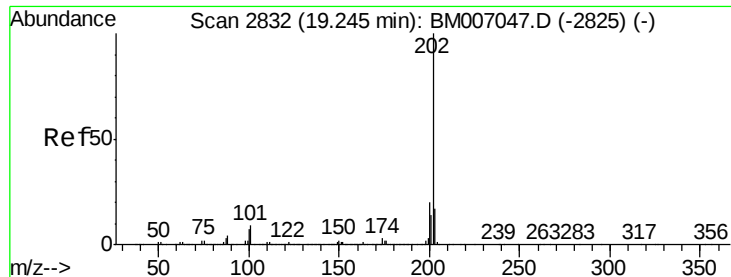
179 14.6 12.1 18.1

176 18.9 14.5 21.7



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

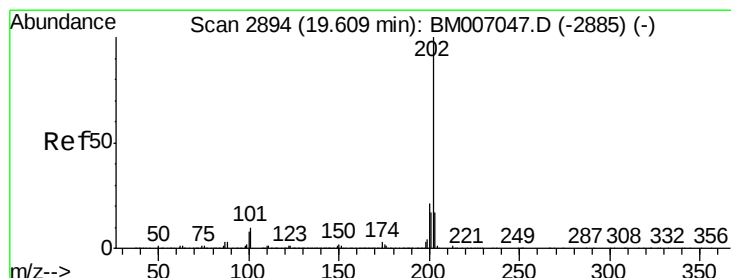
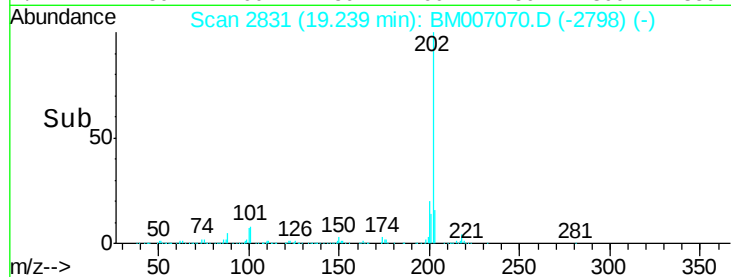
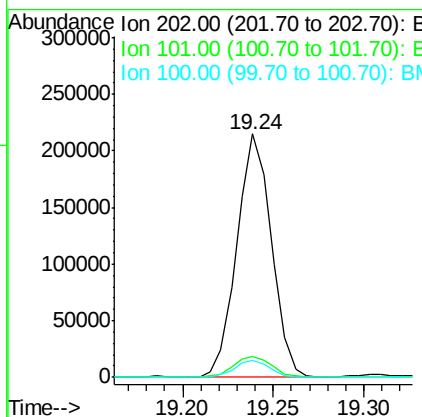
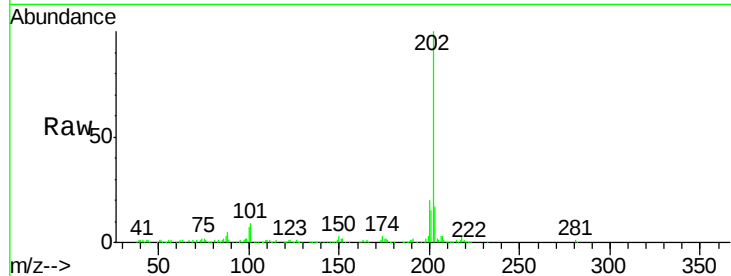




#74
 Fluoranthene
 Concen: 2.96 ng/ul
 RT: 19.24 min Scan# 2831
 Delta R.T. -0.01 min
 Lab File: BM007070.D
 Acq: 13 Aug 2016 15:35

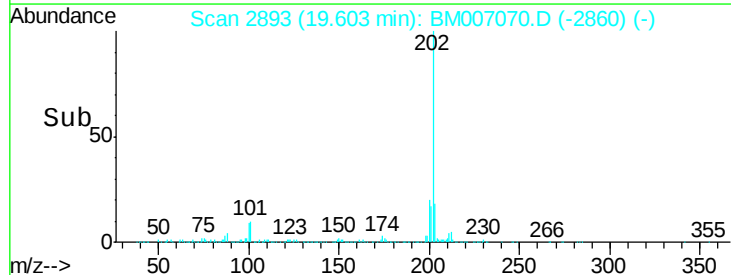
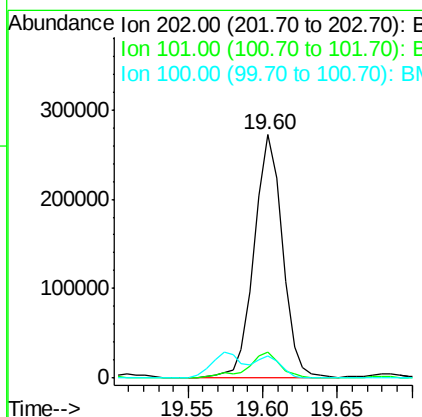
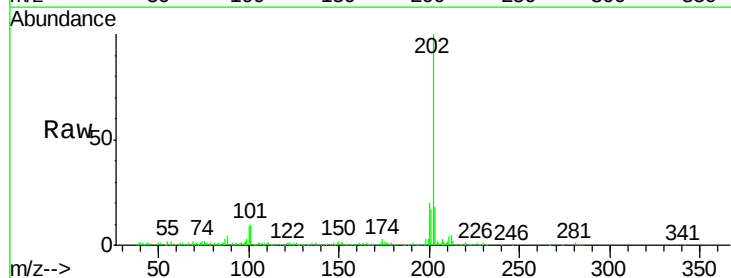
Instrument :
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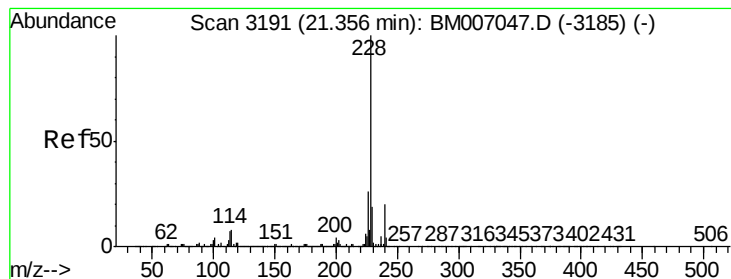
Tgt Ion:	202	Resp:	283616
Ion Ratio	Lower	Upper	
202	100		
101	8.6	6.9	10.3
100	7.1	5.4	8.0



#77
 Pyrene
 Concen: 3.48 ng/ul
 RT: 19.60 min Scan# 2893
 Delta R.T. -0.01 min
 Lab File: BM007070.D
 Acq: 13 Aug 2016 15:35

Tgt Ion:	202	Resp:	354051
Ion Ratio	Lower	Upper	
202	100		
101	10.5	8.4	12.6
100	9.3	6.9	10.3





#80

Benzo(a)anthracene

Concen: 1.54 ng/ul

RT: 21.35 min Scan# 3190

Delta R.T. -0.01 min

Lab File: BM007070.D

Acq: 13 Aug 2016 15:35

Instrument :

BNA_M

ClientSampleId :

P003-SS002-2430-01

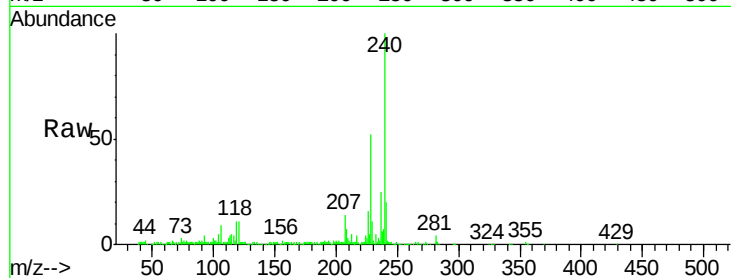
Tgt Ion:228 Resp: 167559

Ion Ratio Lower Upper

228 100

229 21.5 15.6 23.4

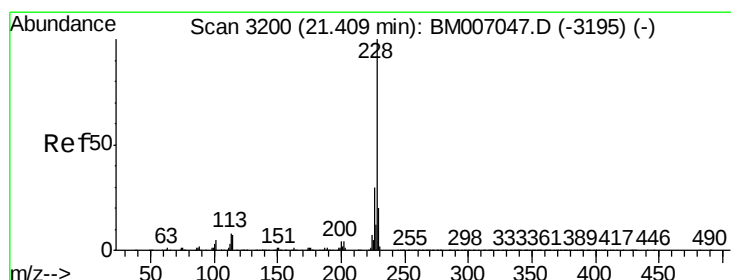
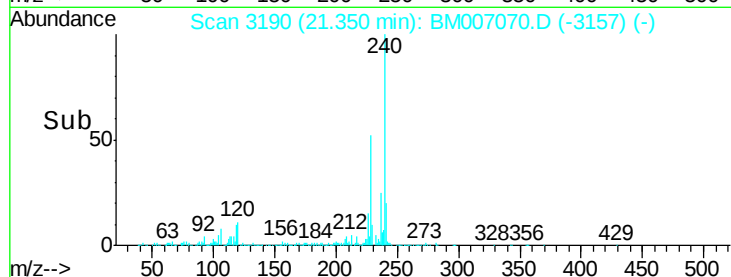
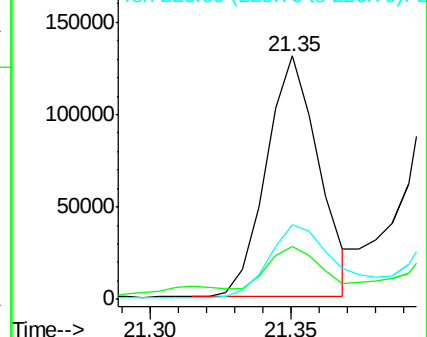
226 30.9 21.8 32.8



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: 2.03 ng/ul

RT: 21.40 min Scan# 3199

Delta R.T. -0.01 min

Lab File: BM007070.D

Acq: 13 Aug 2016 15:35

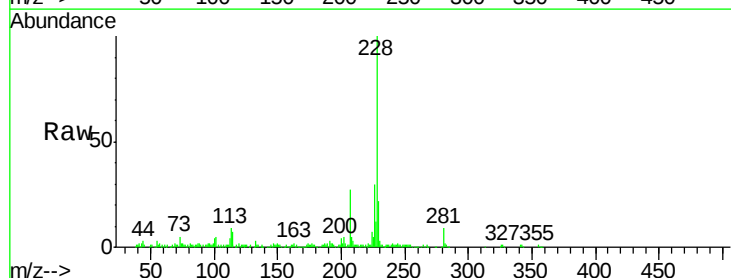
Tgt Ion:228 Resp: 201798

Ion Ratio Lower Upper

228 100

226 30.1 23.4 35.2

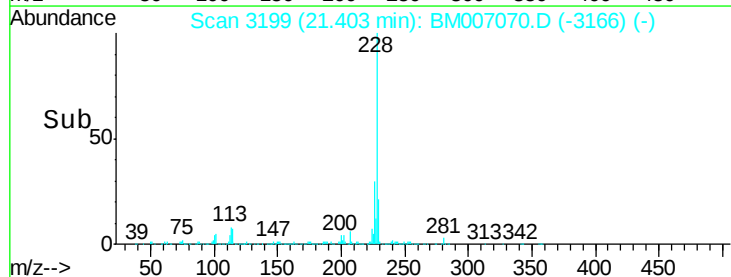
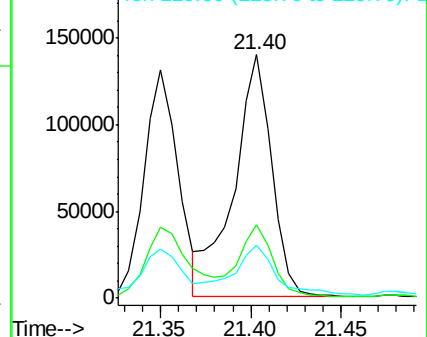
229 21.9 15.5 23.3

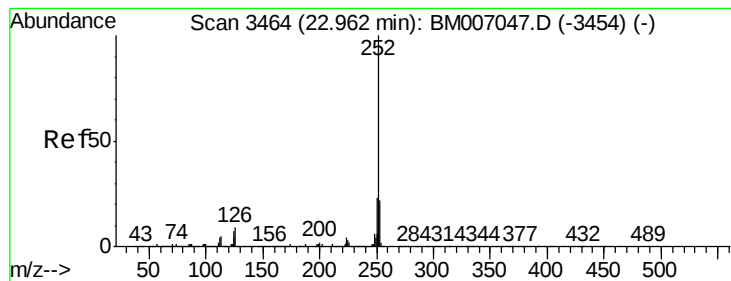


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#85

Benzo(b)fluoranthene

Concen: 1.72 ng/ul

RT: 22.96 min Scan# 3463

Delta R.T. -0.01 min

Lab File: BM007070.D

Acq: 13 Aug 2016 15:35

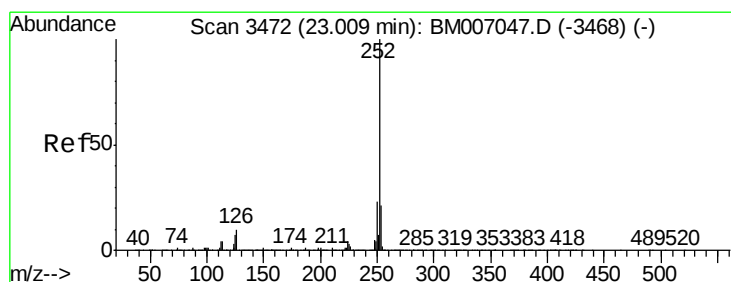
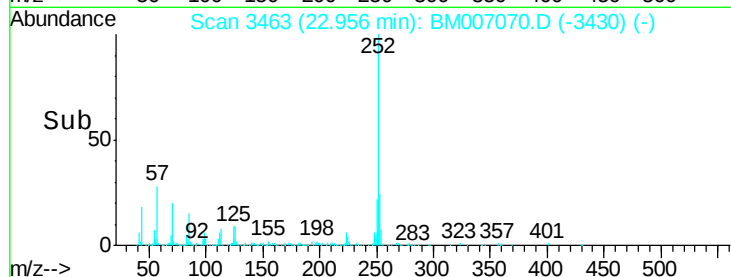
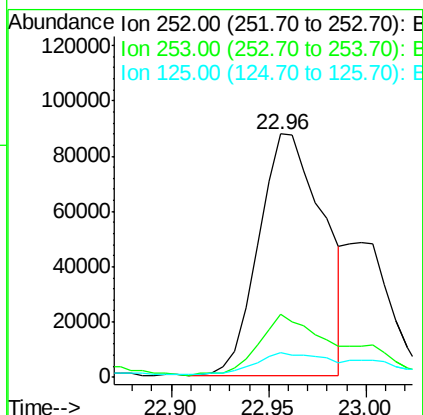
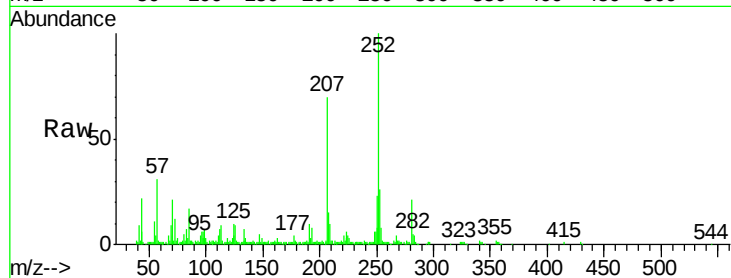
Instrument :

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Tgt Ion:	252	Resp:	200232
Ion Ratio	Lower	Upper	
252	100		
253	25.8	17.1	25.7#
125	10.1	5.8	8.8#



#86

Benzo(k)fluoranthene

Concen: 1.83 ng/ul

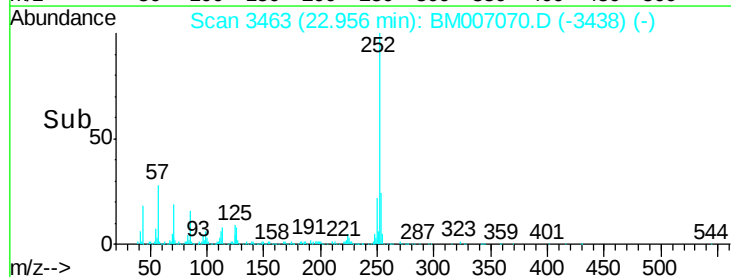
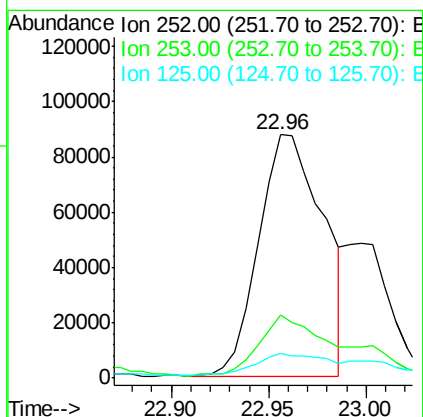
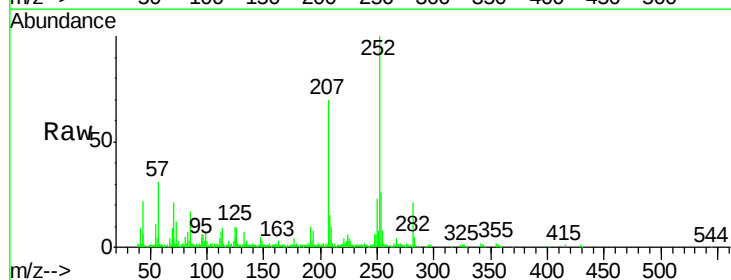
RT: 22.96 min Scan# 3463

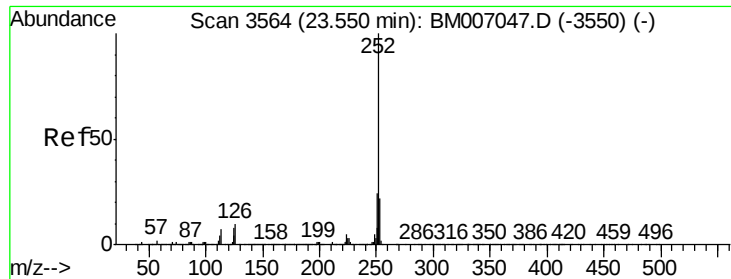
Delta R.T. -0.05 min

Lab File: BM007070.D

Acq: 13 Aug 2016 15:35

Tgt Ion:	252	Resp:	200232
Ion Ratio	Lower	Upper	
252	100		
253	25.8	17.6	26.4
125	10.1	5.7	8.5#





#88

Benzo(a)pyrene

Concen: 1.45 ng/ul

RT: 23.54 min Scan# 3563

Delta R.T. -0.01 min

Lab File: BM007070.D

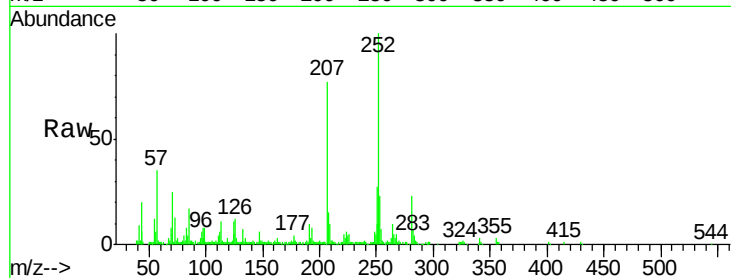
Acq: 13 Aug 2016 15:35

Instrument :

BNA_M

ClientSampleId :

P003-SS002-2430-01



Tgt Ion:	252	Resp:	160514
Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.7	26.5
125	11.0	6.6	9.8#

