

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012418\
 Data File : BM013791.D
 Acq On : 25 Jan 2018 04:59
 Operator : SJ/JU
 Sample : J1220-15
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jan 25 05:49:55 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jan 25 03:36:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	143434	20.00	ng/ul	0.00
18) Naphthalene-d8	10.37	136	576110	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.25	164	339685	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.00	188	748159	20.00	ng/ul	0.00
75) Chrysene-d12	21.20	240	725130	20.00	ng/ul	0.00
83) Perylene-d12	23.39	264	726505	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.15	96	13266	3.66	ng/uL	0.00
5) Phenol-d5	6.78	99	247472	22.48	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.94	67	166520	24.96	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	232759	25.94	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	138032	16.31	ng/ul	0.00
19) Nitrobenzene-d5	8.75	128	125045	27.97	ng/ul	0.00
22) 2-Nitrophenol-d4	9.46	143	137192	29.04	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.00	165	246113	26.97	ng/ul	0.00
29) 4-Chloroaniline-d4	10.52	131	154667	19.54	ng/ul	0.00
43) Dimethylphthalate-d6	13.66	166	784174	28.01	ng/ul	0.00
46) Acenaphthylene-d8	13.93	160	997994	27.95	ng/ul	0.00
51) 4-Nitrophenol-d4	14.48	143	98629	21.68	ng/ul	0.00
57) Fluorene-d10	15.25	176	656564	26.67	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.39	200	77271	17.16	ng/ul	0.00
70) Anthracene-d10	17.10	188	985128	27.03	ng/ul	0.00
76) Pyrene-d10	19.40	212	1062728	31.48	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.26	264	981944	29.41	ng/ul	0.00

Target Compounds

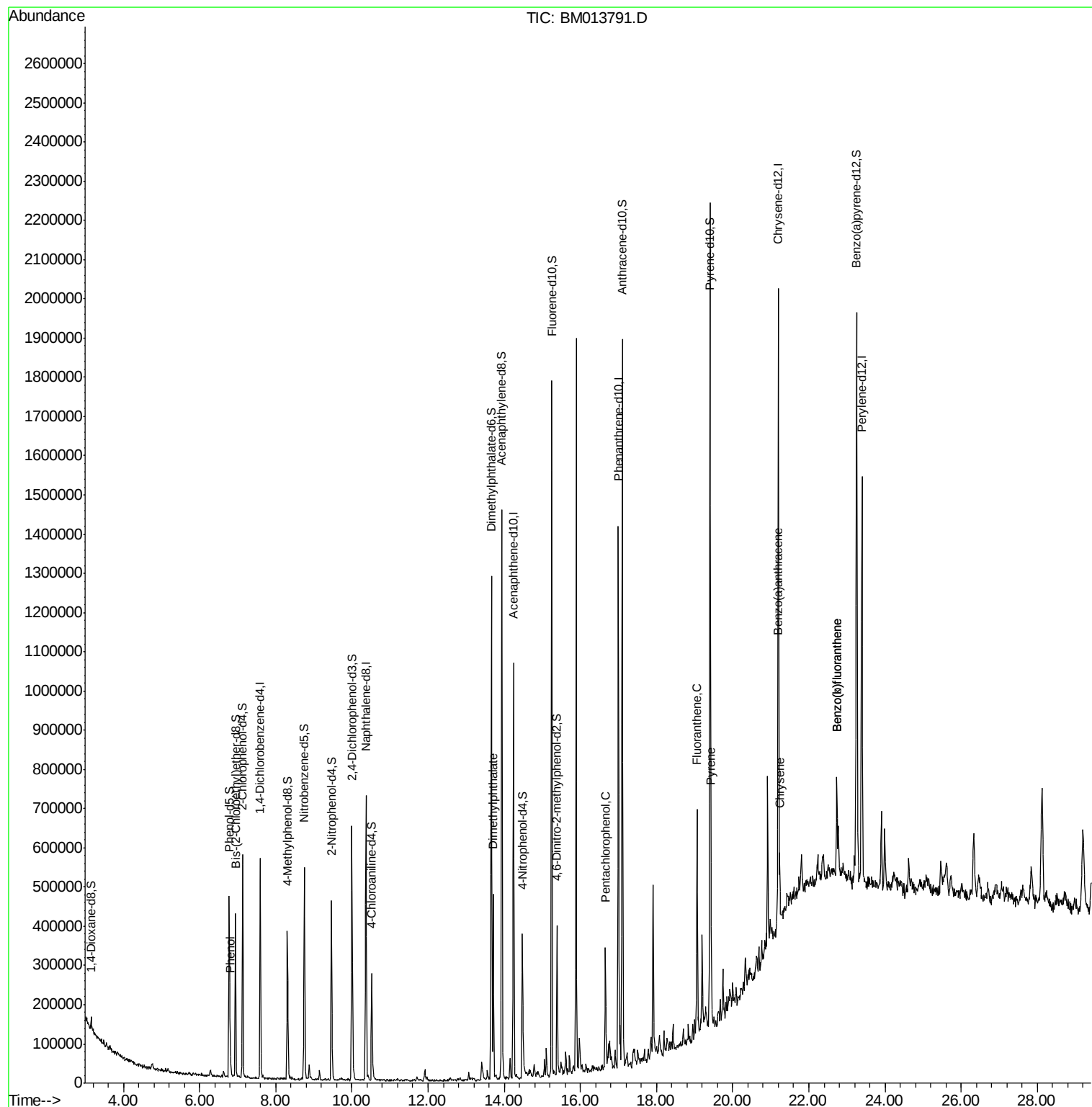
					Ovalue	
6) Phenol	6.80	94	34138	3.091	ng/ul	91
44) Dimethylphthalate	13.71	163	265993	9.663	ng/ul	99
68) Pentachlorophenol	16.66	266	55299	10.941	ng/ul	94
74) Fluoranthene	19.07	202	352601	7.103	ng/ul#	95
77) Pyrene	19.43	202	277789	6.302	ng/ul#	92
80) Benzo(a)anthracene	21.18	228	66991	1.529	ng/ul#	95
82) Chrysene	21.23	228	97180	2.418	ng/ul#	91
85) Benzo(b)fluoranthene	22.74	252	95025	2.130	ng/ul#	89
86) Benzo(k)fluoranthene	22.74	252	95025	2.203	ng/ul#	87

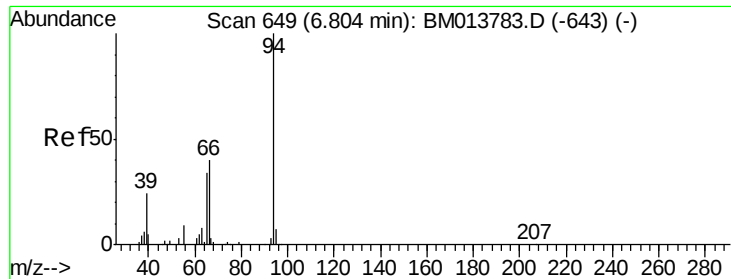
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 3.091 ng/ul

RT: 6.80 min Scan# 649

Delta R.T. 0.00 min

Lab File: BM013791.D

Acq: 25 Jan 2018 04:59

Instrument :

BNA_M

ClientSampleId :

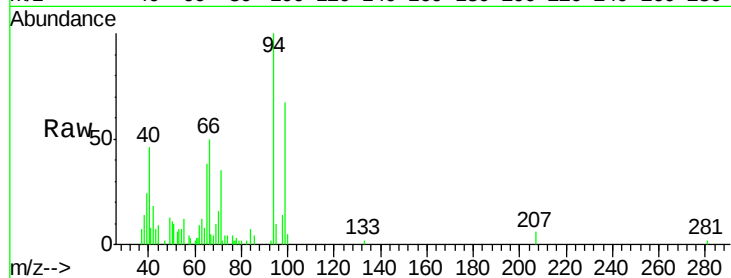
Tot Ion: 94 Resp: 34138

Ion Ratio Lower Upper

94 100

65 37.7 28.2 42.4

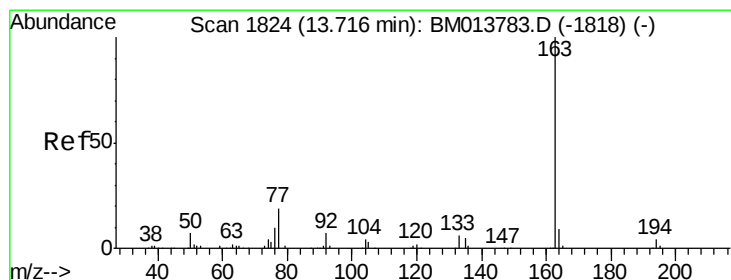
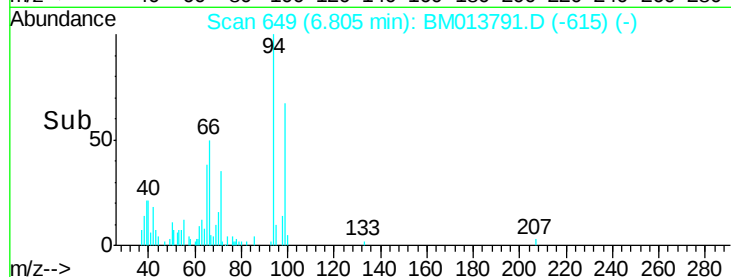
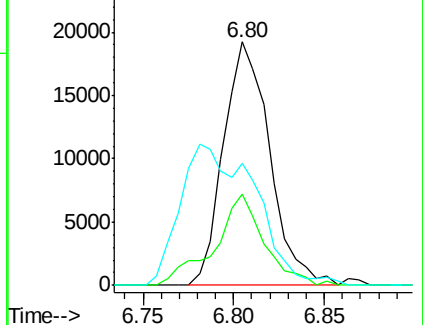
66 50.2 47.2 70.8



Abundance Ion 94.00 (93.70 to 94.70): BM013783.D (-643) (-)

Ion 65.00 (64.70 to 65.70): BM013783.D (-643) (-)

Ion 66.00 (65.70 to 66.70): BM013783.D (-643) (-)



#44

Dimethylphthalate

Concen: 9.663 ng/ul

RT: 13.71 min Scan# 1823

Delta R.T. -0.01 min

Lab File: BM013791.D

Acq: 25 Jan 2018 04:59

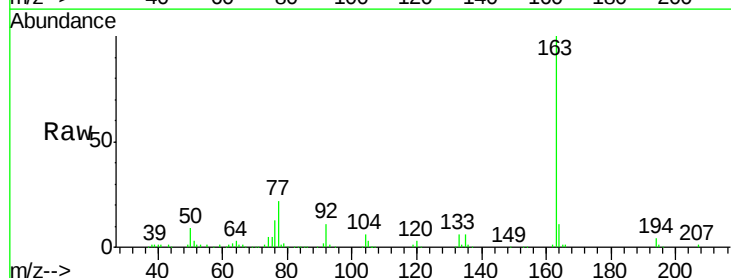
Tgt Ion: 163 Resp: 265993

Ion Ratio Lower Upper

163 100

194 3.9 3.5 5.3

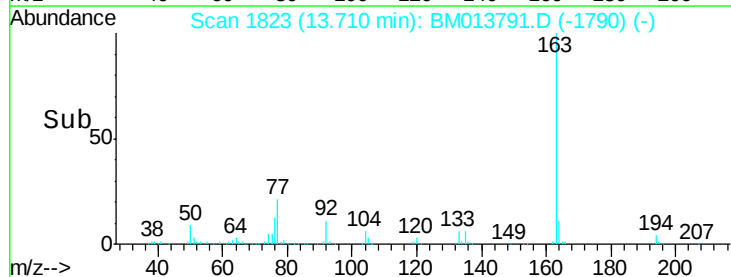
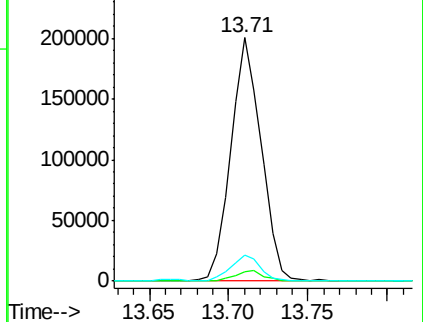
164 10.6 8.2 12.4

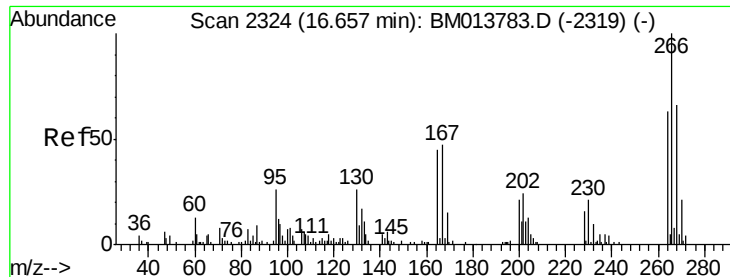


Abundance Ion 163.00 (162.70 to 163.70): BM013783.D (-1818) (-)

Ion 194.00 (193.70 to 194.70): BM013783.D (-1818) (-)

Ion 164.00 (163.70 to 164.70): BM013783.D (-1818) (-)

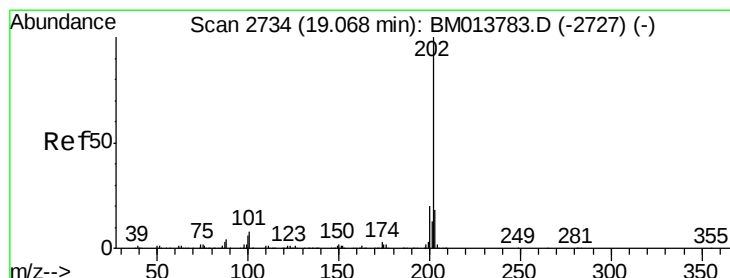
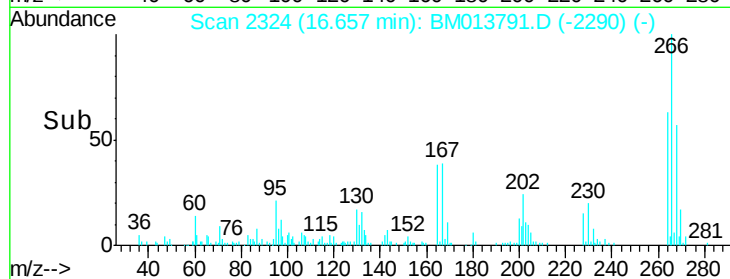
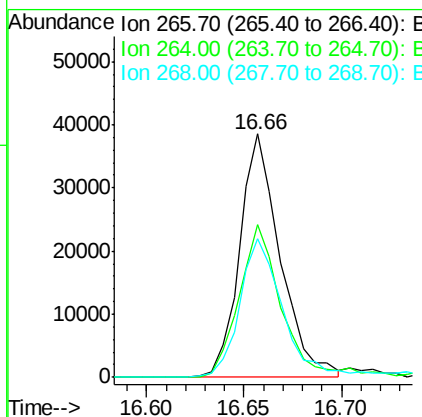
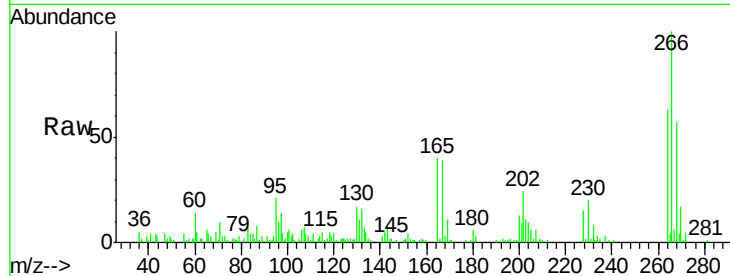




#68
 Pentachlorophenol
 Concen: 10.941 ng/ul
 RT: 16.66 min Scan# 2324
 Delta R.T. 0.00 min
 Lab File: BM013791.D
 Acq: 25 Jan 2018 04:59

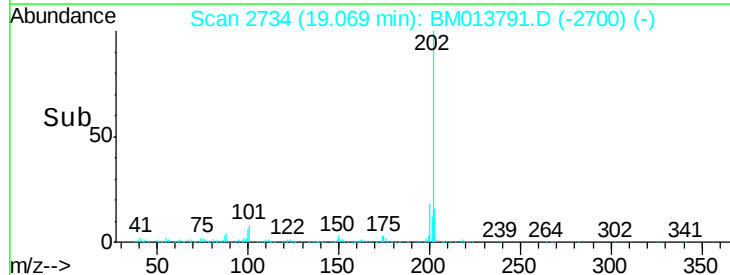
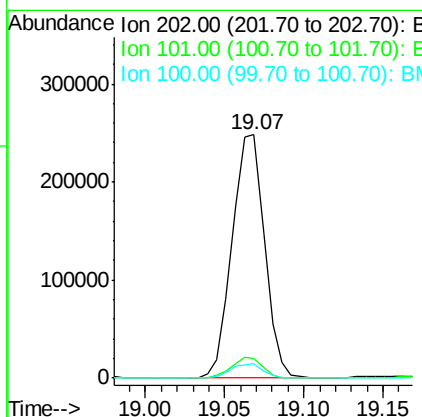
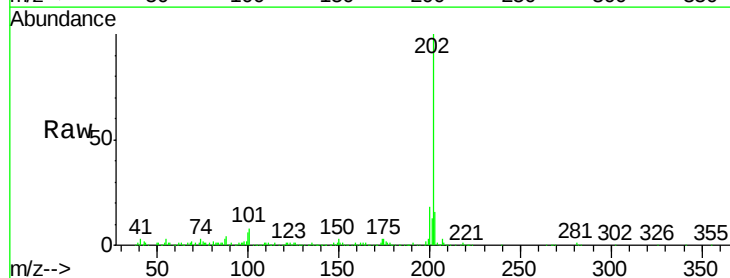
Instrument :
 BNA_M
 ClientSampleId :

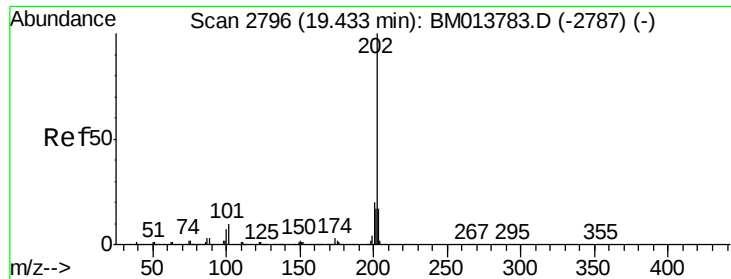
Tot Ion	Ratio	Lower	Upper
266	100		
264	62.6	49.3	73.9
268	56.8	52.6	78.8



#74
 Fluoranthene
 Concen: 7.103 ng/ul
 RT: 19.07 min Scan# 2734
 Delta R.T. 0.00 min
 Lab File: BM013791.D
 Acq: 25 Jan 2018 04:59

Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.8	4.6	7.0#
100	5.7	3.4	5.2#





#77

Pvrene

Concen: 6.302 ng/ul

RT: 19.43 min Scan# 2795

Delta R.T. -0.01 min

Lab File: BM013791.D

Acq: 25 Jan 2018 04:59

Instrument :

BNA_M

ClientSampleId :

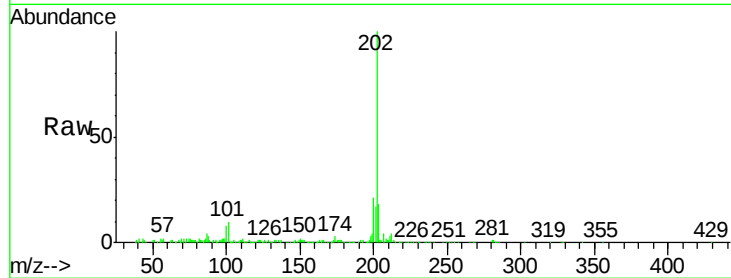
Tot Ion:202 Resp: 277789

Ion Ratio Lower Upper

202 100

101 9.9 5.1 7.7#

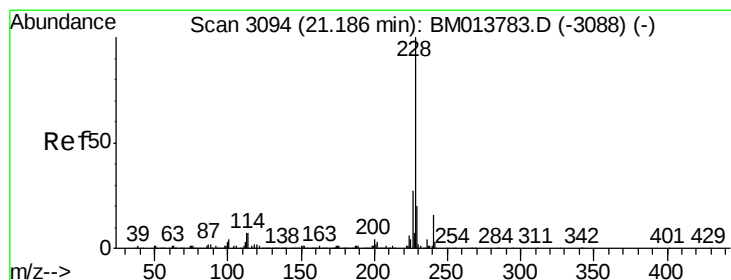
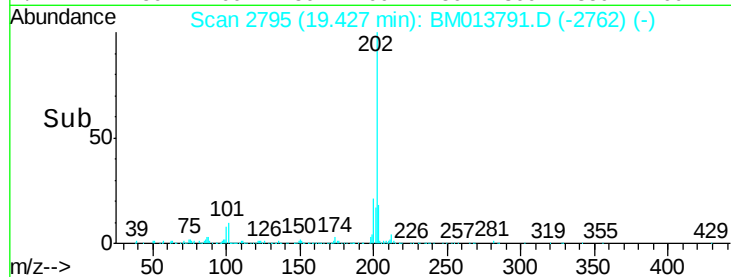
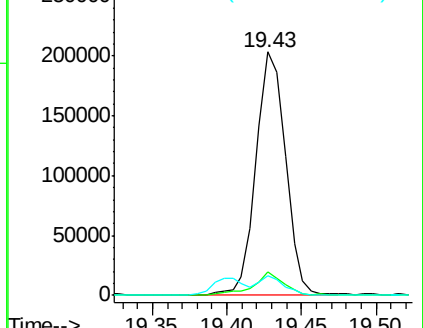
100 8.0 4.9 7.3#



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: 1.529 ng/ul

RT: 21.18 min Scan# 3093

Delta R.T. -0.01 min

Lab File: BM013791.D

Acq: 25 Jan 2018 04:59

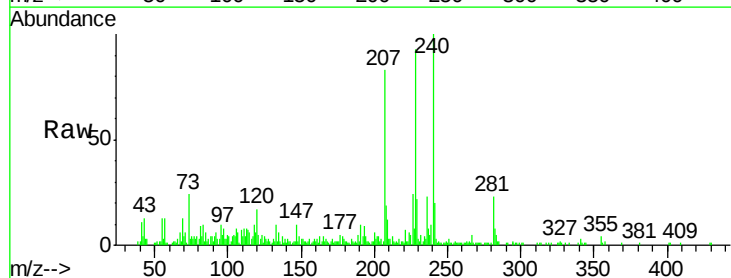
Tgt Ion:228 Resp: 66991

Ion Ratio Lower Upper

228 100

229 23.4 15.4 23.0#

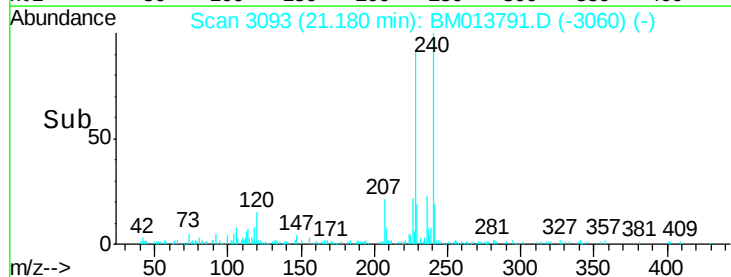
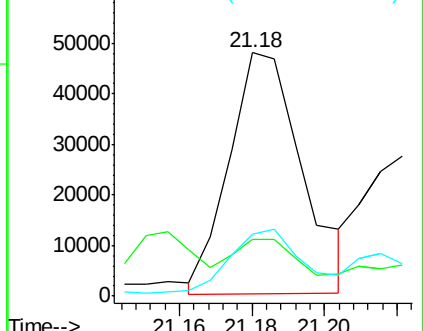
226 25.3 21.4 32.0

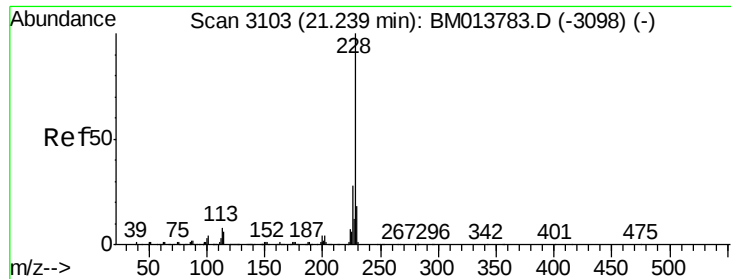


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#82

Chrysene

Concen: 2.418 ng/ul

RT: 21.23 min Scan# 3102

Delta R.T. -0.01 min

Lab File: BM013791.D

Acq: 25 Jan 2018 04:59

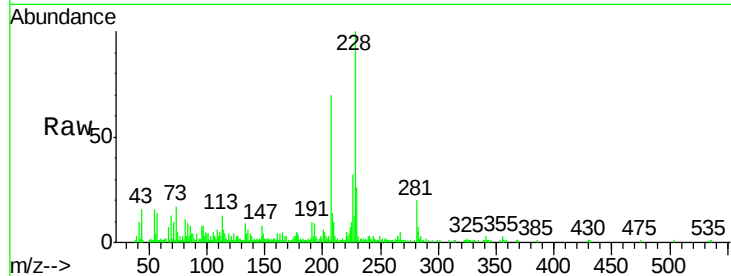
Instrument :

BNA_M

ClientSampleId :

Tot Ion:228 Resp: 97180

Ion	Ratio	Lower	Upper
228	100		
226	32.4	23.4	35.2
229	26.2	15.5	23.3

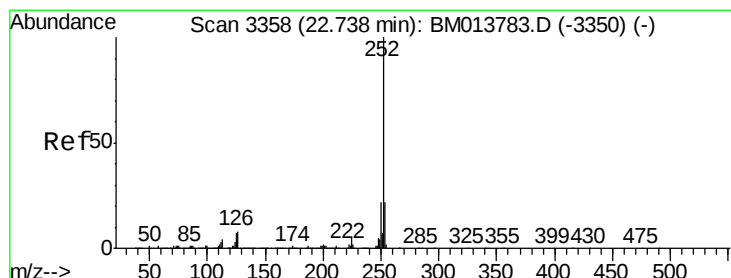
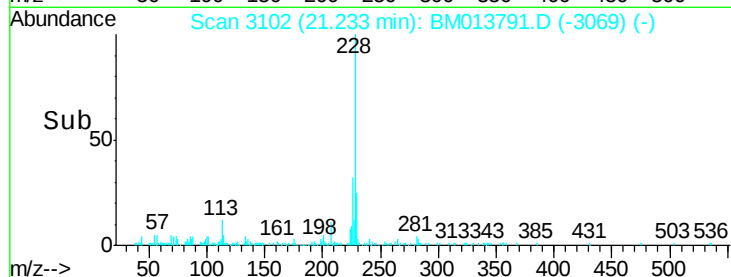
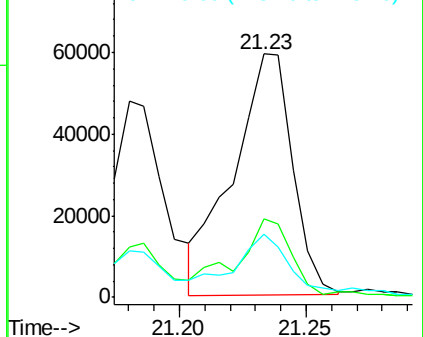


Abundance

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: 2.130 ng/ul

RT: 22.74 min Scan# 3358

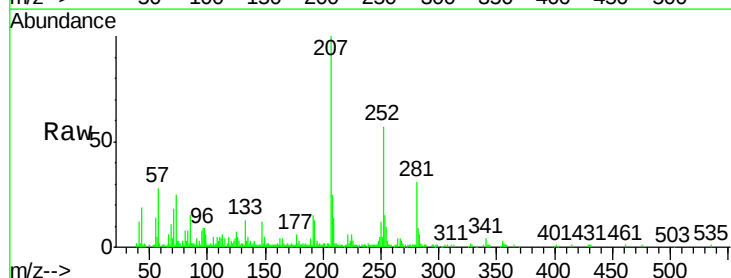
Delta R.T. 0.00 min

Lab File: BM013791.D

Acq: 25 Jan 2018 04:59

Tgt Ion:252 Resp: 95025

Ion	Ratio	Lower	Upper
252	100		
253	26.4	17.9	26.9
125	12.4	3.6	5.4

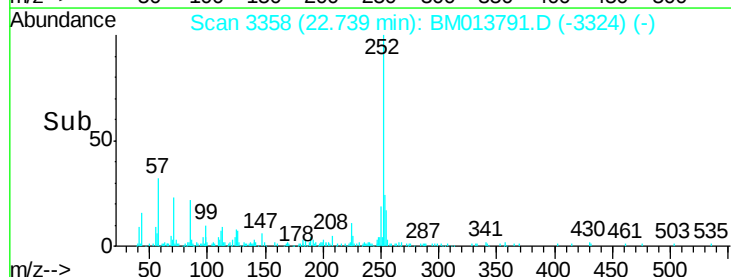
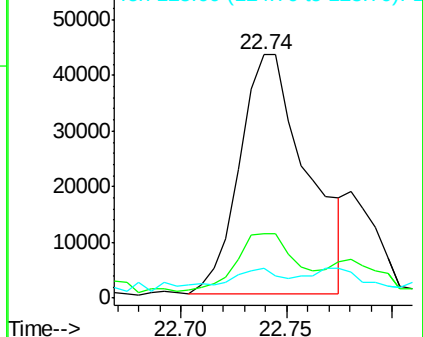


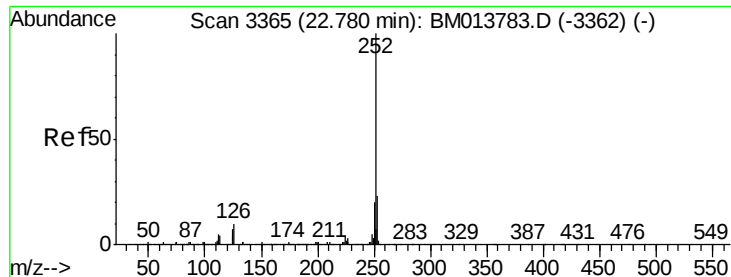
Abundance

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: 2.203 ng/ul

RT: 22.74 min Scan# 3358

Delta R.T. -0.04 min

Lab File: BM013791.D

Acq: 25 Jan 2018 04:59

Instrument :

BNA_M

ClientSampleId :

Tot Ion:252 Resp: 95025

Ion Ratio Lower Upper

252 100

253 26.4 17.1 25.7#

125 12.4 3.4 5.2#

