

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061017\
 Data File : BM010496.D
 Acq On : 10 Jun 2017 21:35
 Operator : SJ/MA
 Sample : I3522-20
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F5D36

Quant Time: Jun 12 07:10:10 2017
 Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM052717.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jun 12 07:08:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	164395	20.00	ng/ul	0.00
18) Naphthalene-d8	10.70	136	599393	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.53	164	410644	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.28	188	1067567	20.00	ng/ul	0.00
75) Chrysene-d12	21.44	240	1541908	20.00	ng/ul	0.00
83) Perylene-d12	23.78	264	1626844	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.36	96	11630	2.90	ng/uL	0.00
5) Phenol-d5	7.08	99	174111	13.98	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.23	67	99361	14.19	ng/ul	0.00
9) 2-Chlorophenol-d4	7.43	132	151848	15.29	ng/ul	0.00
13) 4-Methylphenol-d8	8.62	113	145608	14.49	ng/ul	0.00
19) Nitrobenzene-d5	9.08	128	73283	16.69	ng/ul	0.00
22) 2-Nitrophenol-d4	9.79	143	90189	17.73	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.32	165	174782	16.73	ng/ul	0.00
29) 4-Chloroaniline-d4	10.86	131	184894	18.34	ng/ul	0.00
43) Dimethylphthalate-d6	13.94	166	617271	18.09	ng/ul	0.00
46) Acenaphthylene-d8	14.23	160	653006	16.41	ng/ul	0.00
51) 4-Nitrophenol-d4	14.77	143	71645	14.04	ng/ul	0.00
57) Fluorene-d10	15.52	176	524495	17.49	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.65	200	101610	13.44	ng/ul	0.00
70) Anthracene-d10	17.37	188	866859	16.69	ng/ul	0.00
76) Pyrene-d10	19.67	212	1152879	18.08	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.63	264	1326923	17.52	ng/ul	0.00

Target Compounds

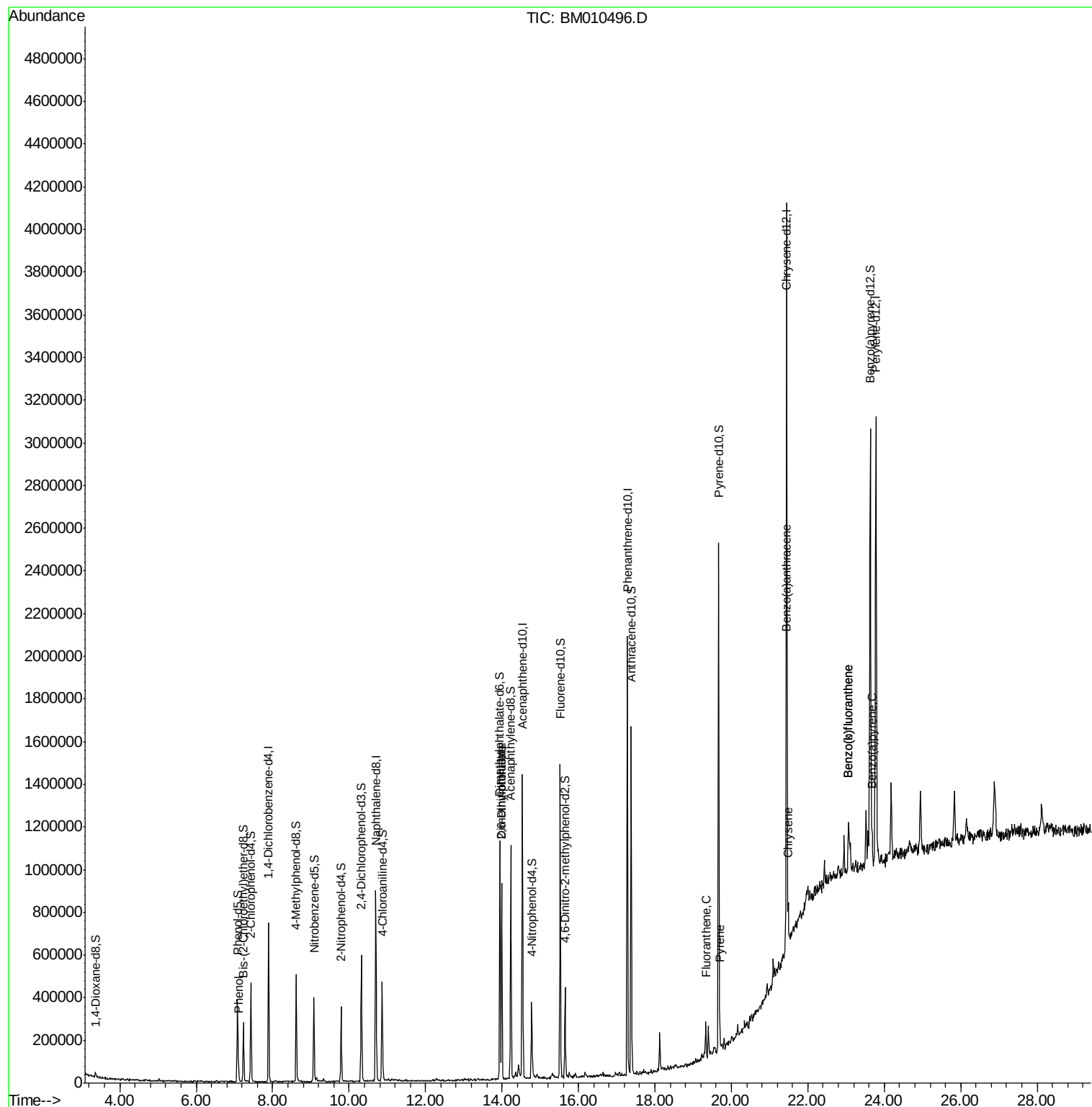
					Qvalue	
6) Phenol	7.10	94	18454	1.445	ng/ul#	84
44) Dimethylphthalate	13.99	163	450717	13.433	ng/ul	99
45) 2,6-Dinitrotoluene	13.99	165	6570	1.068	ng/ul#	54
74) Fluoranthene	19.33	202	96077	1.371	ng/ul#	94
77) Pyrene	19.70	202	89715	1.129	ng/ul#	93
80) Benzo(a)anthracene	21.43	228	92941	1.069	ng/ul	97
82) Chrysene	21.48	228	94575	1.203	ng/ul	96
85) Benzo(b)fluoranthene	23.06	252	219552	2.319	ng/ul	97
86) Benzo(k)fluoranthene	23.06	252	219552	2.428	ng/ul	96
88) Benzo(a)pyrene	23.68	252	116493	1.242	ng/ul	96

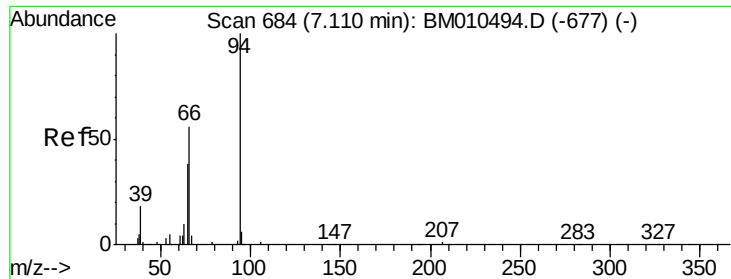
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 1.445 ng/ul

RT: 7.10 min Scan# 683

Delta R.T. -0.01 min

Lab File: BM010496.D

Acq: 10 Jun 2017 21:35

Instrument :

BNA_M

ClientSampleId :

F5D36

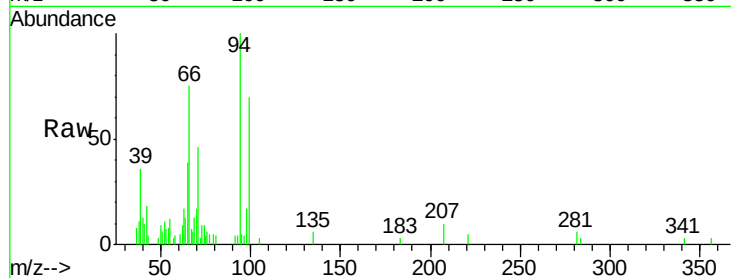
Tgt Ion: 94 Resp: 18454

Ion Ratio Lower Upper

94 100

65 39.3 28.2 42.4

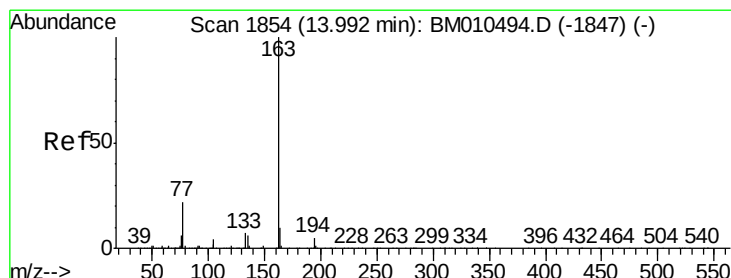
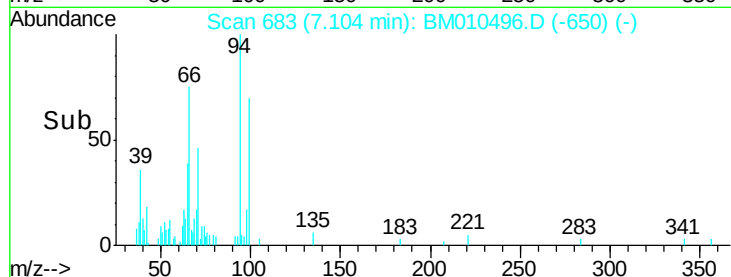
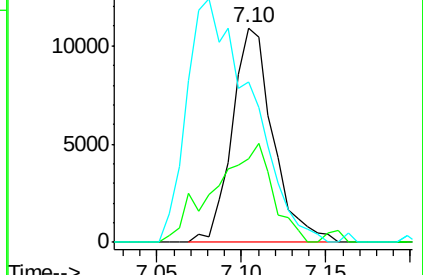
66 74.8 47.2 70.8#



Abundance Ion 94.00 (93.70 to 94.70): BM010494.D (-677) (-)

Ion 65.00 (64.70 to 65.70): BM010494.D (-677) (-)

Ion 66.00 (65.70 to 66.70): BM010494.D (-677) (-)



#44

Dimethylphthalate

Concen: 13.433 ng/ul

RT: 13.99 min Scan# 1854

Delta R.T. 0.00 min

Lab File: BM010496.D

Acq: 10 Jun 2017 21:35

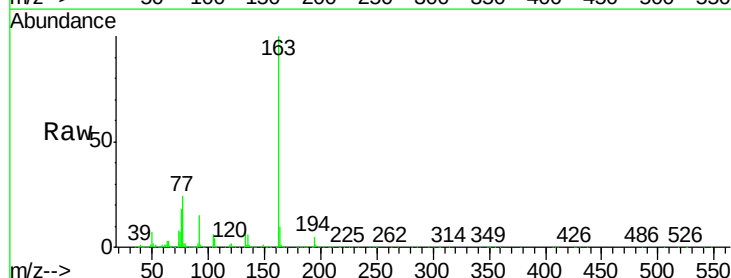
Tgt Ion:163 Resp: 450717

Ion Ratio Lower Upper

163 100

194 5.0 3.5 5.3

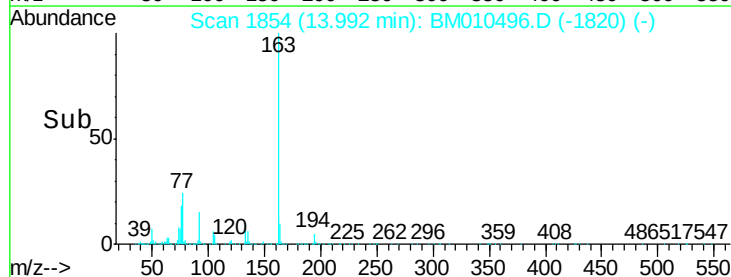
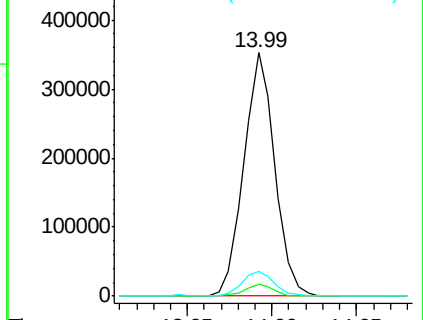
164 10.2 8.2 12.4

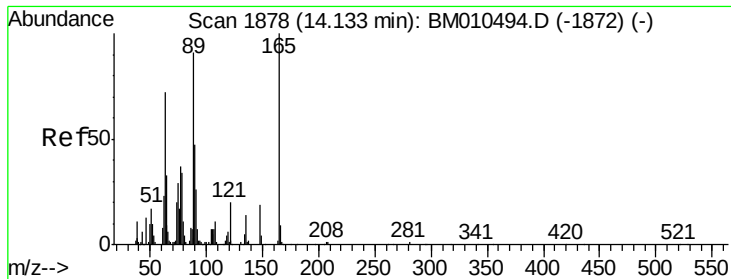


Abundance Ion 163.00 (162.70 to 163.70): BM010494.D (-1847) (-)

Ion 194.00 (193.70 to 194.70): BM010494.D (-1847) (-)

Ion 164.00 (163.70 to 164.70): BM010494.D (-1847) (-)

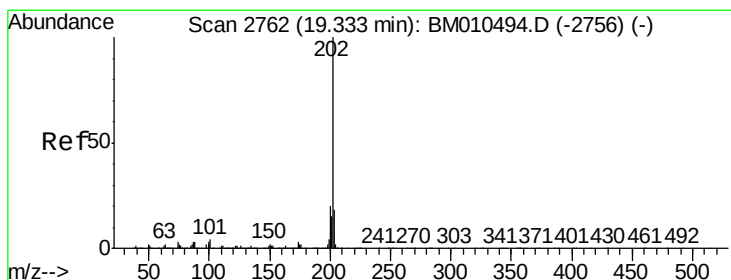
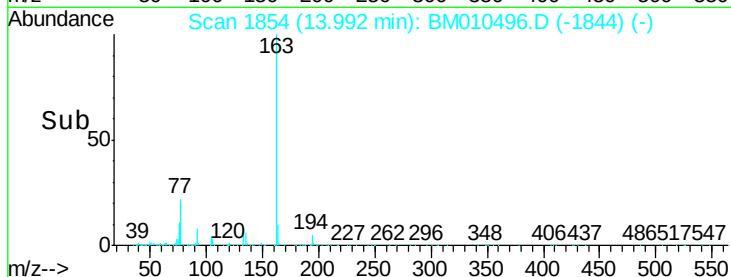
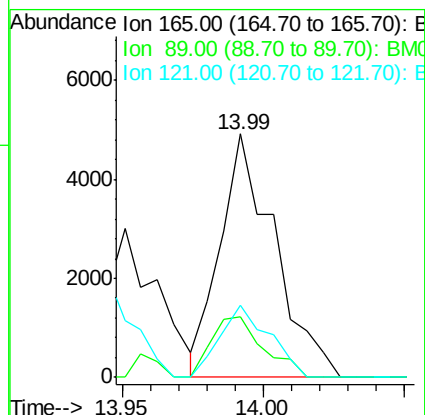
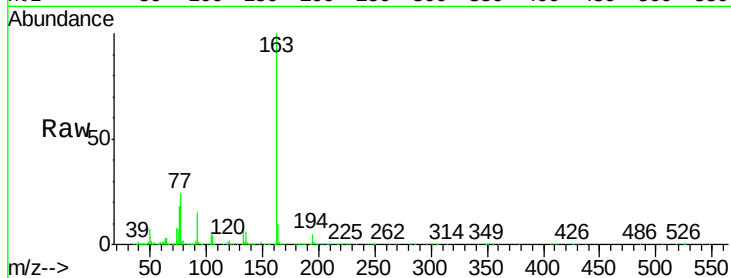




#45
2,6-Dinitrotoluene
Concen: 1.068 ng/ul
RT: 13.99 min Scan# 1854
Delta R.T. -0.14 min
Lab File: BM010496.D
Acq: 10 Jun 2017 21:35

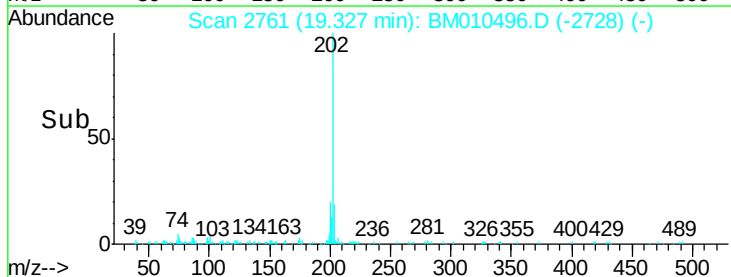
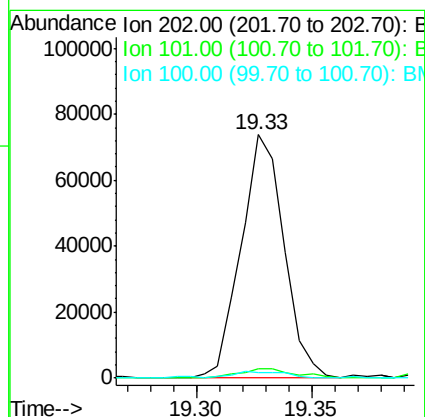
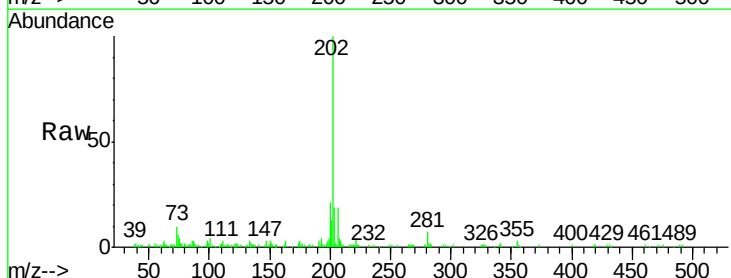
Instrument :
BNA_M
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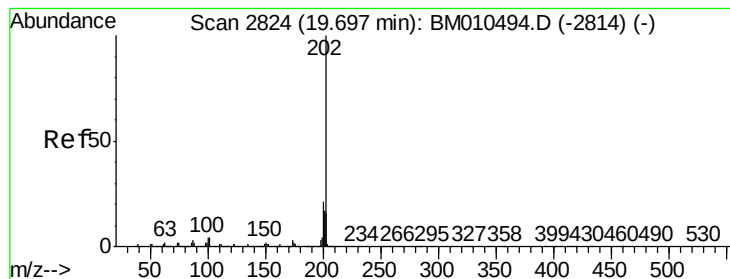
Tgt Ion:165 Resp: 6570
Ion Ratio Lower Upper
165 100
89 24.9 52.6 79.0#
121 29.8 14.6 22.0#



#74
Fluoranthene
Concen: 1.371 ng/ul
RT: 19.33 min Scan# 2761
Delta R.T. -0.01 min
Lab File: BM010496.D
Acq: 10 Jun 2017 21:35

Tgt Ion:202 Resp: 96077
Ion Ratio Lower Upper
202 100
101 3.9 4.6 7.0#
100 2.2 3.4 5.2#





#77

Pyrene

Concen: 1.129 ng/ul

RT: 19.70 min Scan# 2824

Delta R.T. 0.00 min

Lab File: BM010496.D

Acq: 10 Jun 2017 21:35

Instrument :

BNA_M

ClientSampleId :

F5D36

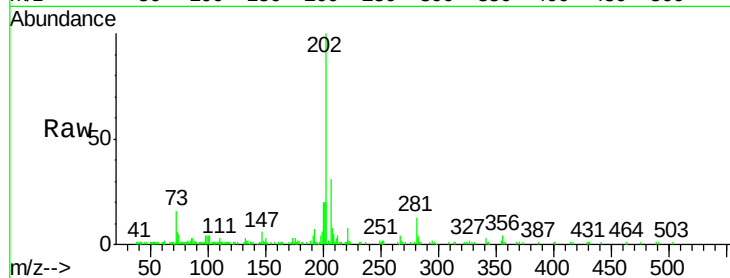
Tgt Ion:202 Resp: 89715

Ion Ratio Lower Upper

202 100

101 4.1 5.1 7.7#

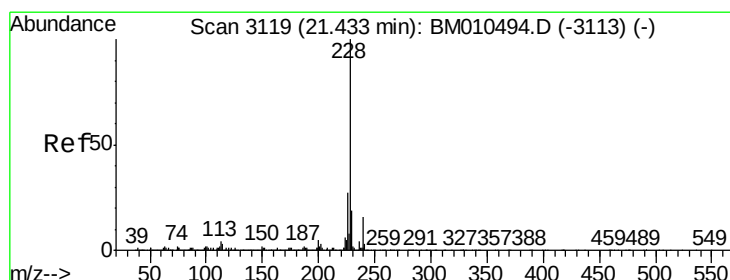
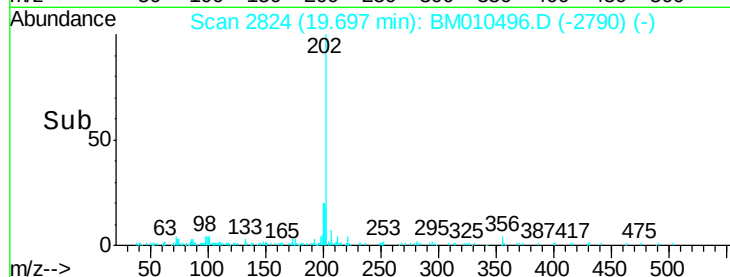
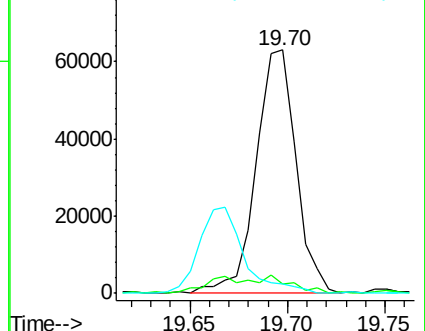
100 3.8 4.9 7.3#



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: 1.069 ng/ul

RT: 21.43 min Scan# 3118

Delta R.T. -0.01 min

Lab File: BM010496.D

Acq: 10 Jun 2017 21:35

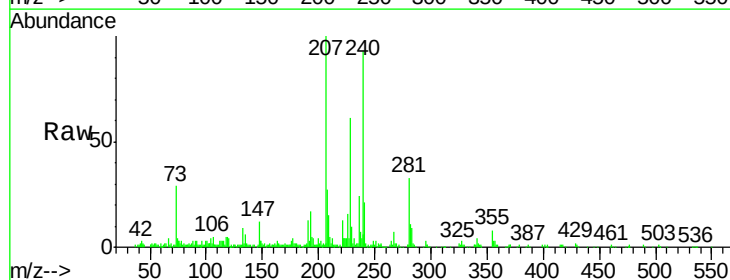
Tgt Ion:228 Resp: 92941

Ion Ratio Lower Upper

228 100

229 16.9 15.4 23.0

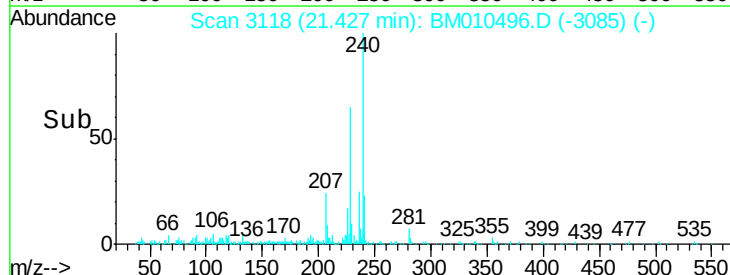
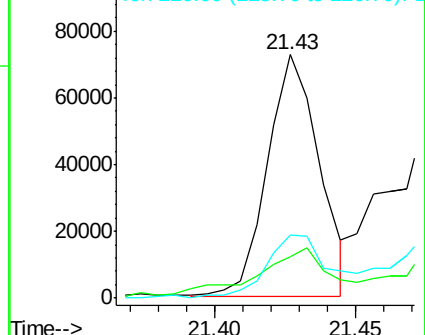
226 26.1 21.4 32.0

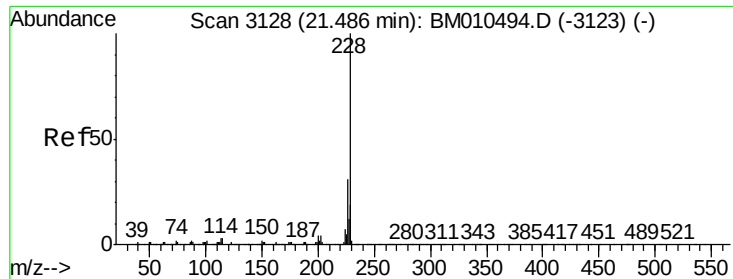


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#82

Chrysene

Concen: 1.203 ng/ul

RT: 21.48 min Scan# 3127

Delta R.T. -0.01 min

Lab File: BM010496.D

Acq: 10 Jun 2017 21:35

Instrument :

BNA_M

ClientSampleId :

F5D36

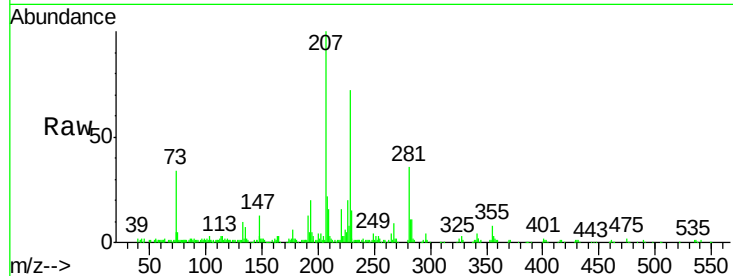
Tgt Ion: 228 Resp: 94575

Ion Ratio Lower Upper

228 100

226 27.8 23.4 35.2

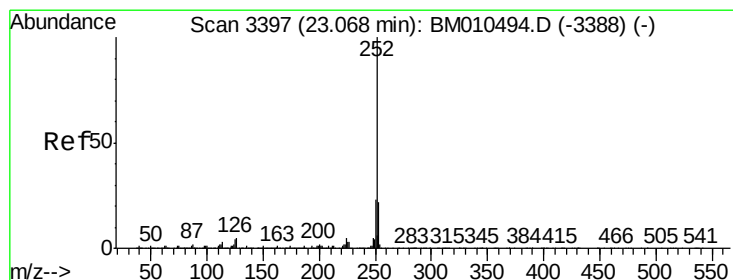
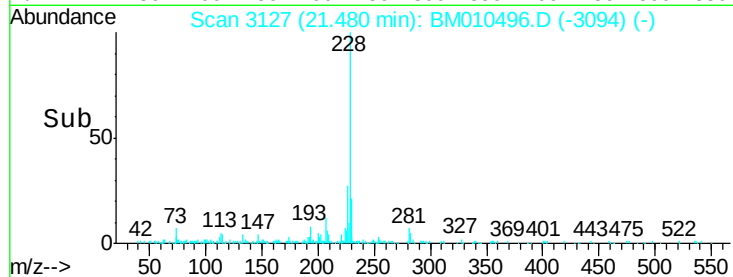
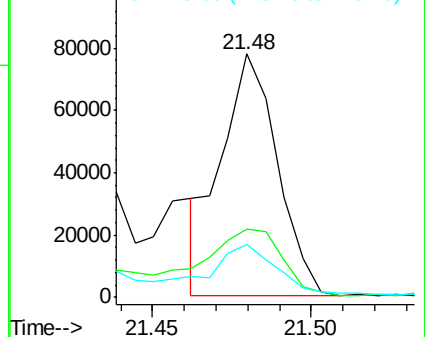
229 21.7 15.5 23.3



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: 2.319 ng/ul

RT: 23.06 min Scan# 3396

Delta R.T. -0.01 min

Lab File: BM010496.D

Acq: 10 Jun 2017 21:35

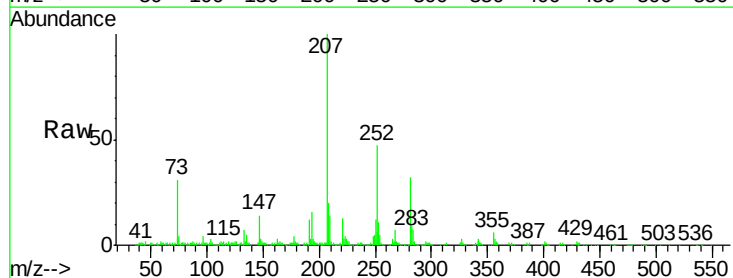
Tgt Ion: 252 Resp: 219552

Ion Ratio Lower Upper

252 100

253 23.7 17.9 26.9

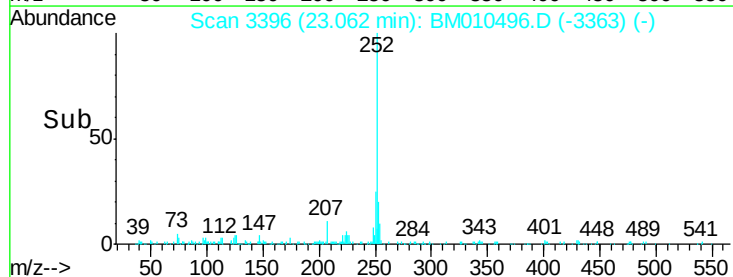
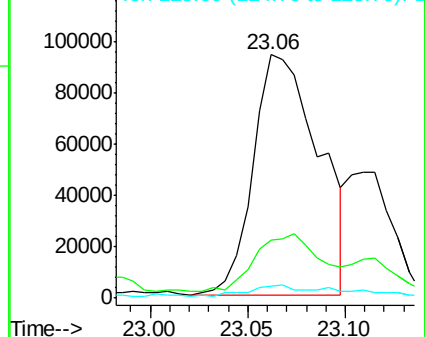
125 5.0 3.6 5.4

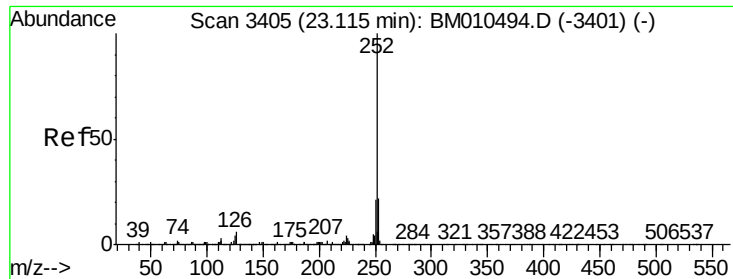


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

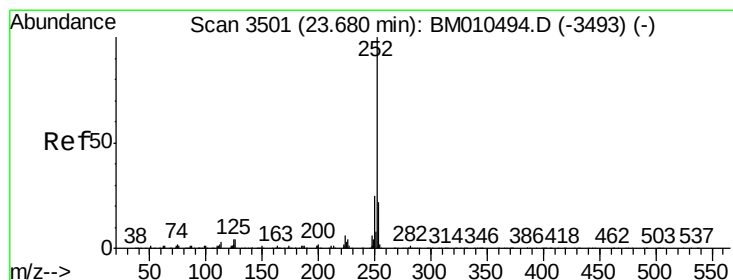
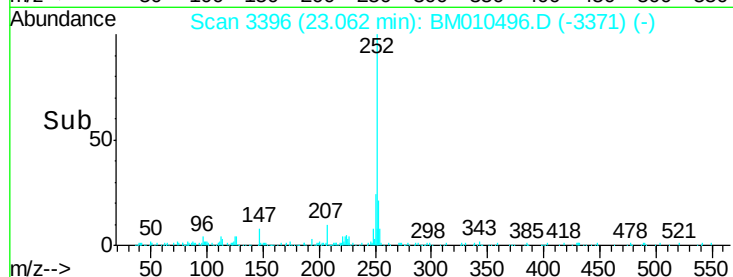
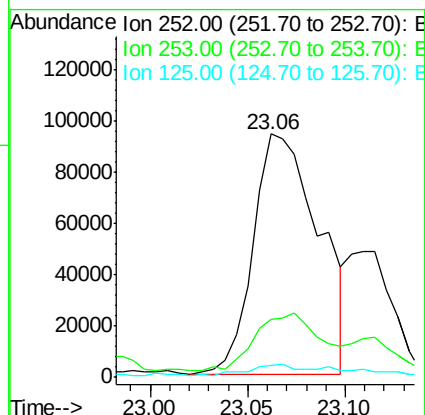
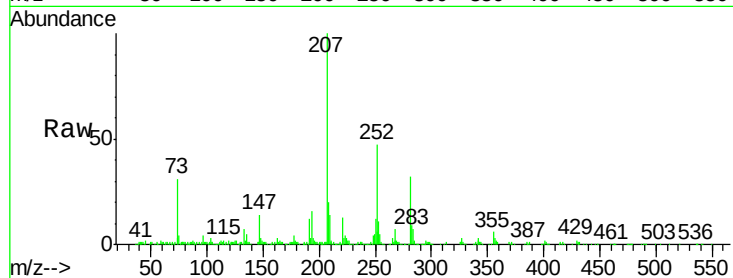




#86
Benzo(k)fluoranthene
Concen: 2.428 ng/ul
RT: 23.06 min Scan# 3396
Delta R.T. -0.05 min
Lab File: BM010496.D
Acq: 10 Jun 2017 21:35

Instrument :
BNA_M
ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.1	25.7
125	5.0	3.4	5.2



#88
Benzo(a)pyrene
Concen: 1.242 ng/ul
RT: 23.68 min Scan# 3501
Delta R.T. 0.00 min
Lab File: BM010496.D
Acq: 10 Jun 2017 21:35

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.9	18.2	27.2
125	5.4	4.0	6.0

