

Data File : BM018194.D
Acq On : 15 Dec 2018 07:37
Operator : JU/SJ
Sample : J6271-13
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F9E28

Quant Time: Dec 15 20:25:24 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121318MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 15 03:53:40 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	152601	20.00	ng/ul	0.00
18) Naphthalene-d8	10.27	136	681878	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.17	164	389007	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.93	188	809944	20.00	ng/ul	0.00
77) Chrysene-d12	21.14	240	670686	20.00	ng/ul	0.00
85) Perylene-d12	23.32	264	649755	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.10	96	13252	4.14	ng/uL	0.00
5) Phenol-d5	6.70	99	275537	18.79	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.86	67	163029	20.73	ng/ul	0.00
9) 2-Chlorophenol-d4	7.05	132	232953	20.09	ng/ul	0.00
13) 4-Methylphenol-d8	8.23	113	211105	17.75	ng/ul	0.00
19) Nitrobenzene-d5	8.67	128	114224	20.39	ng/ul	0.00
22) 2-Nitrophenol-d4	9.38	143	124413	18.76	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.92	165	222873	19.45	ng/ul	0.01
29) 4-Chloroaniline-d4	10.43	131	257278	25.40	ng/ul	0.00
43) Dimethylphthalate-d6	13.59	166	715274	20.79	ng/ul	0.00
46) Acenaphthylene-d8	13.86	160	899475	21.45	ng/ul	0.00
51) 4-Nitrophenol-d4	14.42	143	98254	15.82	ng/ul	0.01
57) Fluorene-d10	15.17	176	614883	21.51	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.33	200	32135	5.21	ng/ul	0.01
70) Anthracene-d10	17.03	188	890508	21.76	ng/ul	0.00
78) Pyrene-d10	19.34	212	867634	26.98	ng/ul	0.01
89) Benzo(a)pyrene-d12	23.17	264	786063	21.84	ng/ul	0.01

Target Compounds

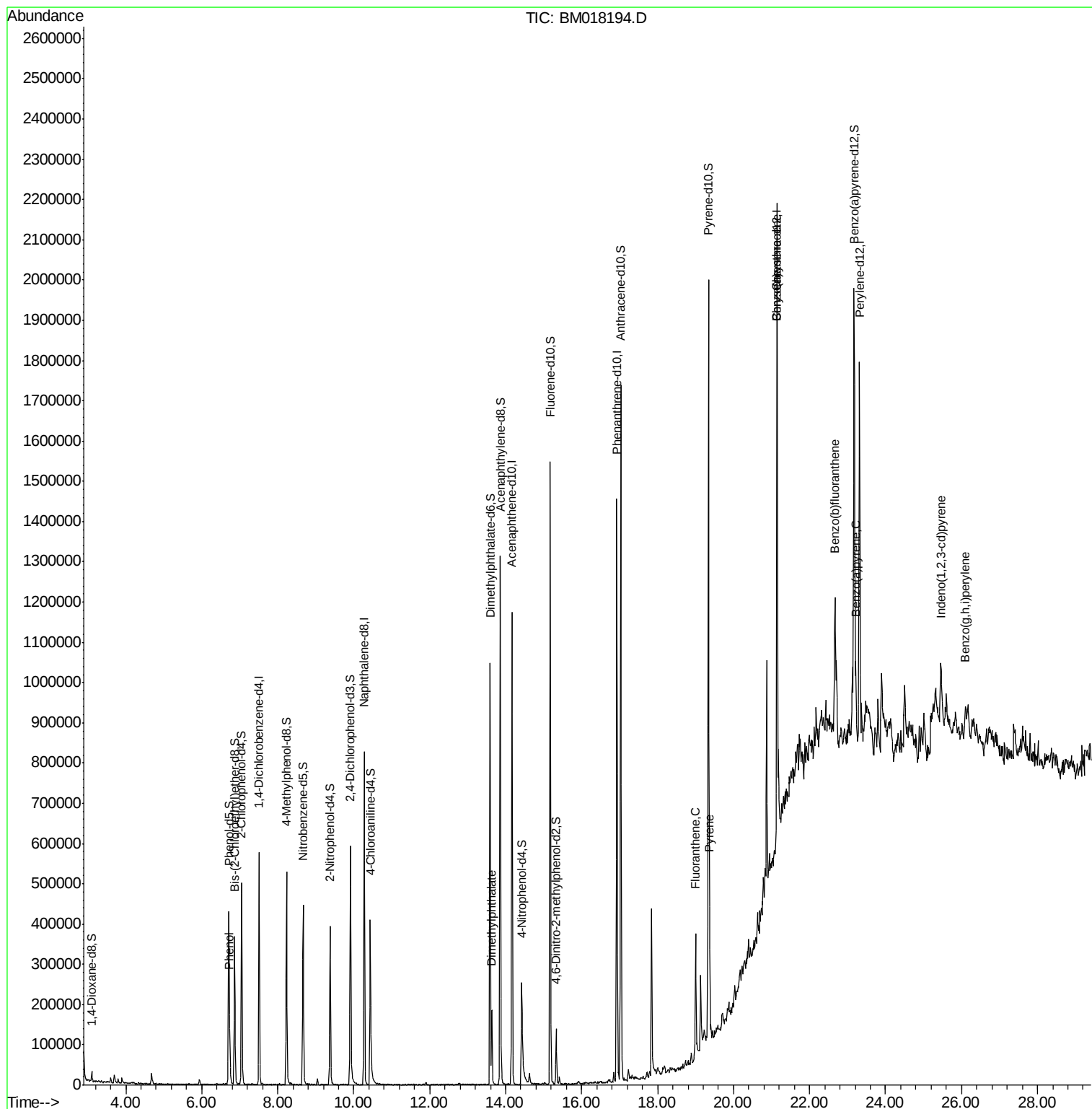
					Qvalue
6) Phenol	6.73	94	52344	3.630 ng/ul	96
44) Dimethylphthalate	13.64	163	121454	3.707 ng/ul	99
76) Fluoranthene	19.00	202	170847	3.115 ng/ul	98
79) Pyrene	19.37	202	184709	4.603 ng/ul	98
82) Benzo(a)anthracene	21.13	228	111299	2.622 ng/ul#	91
84) Chrysene	21.13	228	112876	2.850 ng/ul	93
87) Benzo(b)fluoranthene	22.67	252	222108	5.736 ng/ul#	89
90) Benzo(a)pyrene	23.22	252	97738	2.559 ng/ul#	89
91) Indeno(1,2,3-cd)pyrene	25.44	276	92262	2.129 ng/ul	97
93) Benzo(g,h,i)perylene	26.10	276	68468	1.895 ng/ul#	89

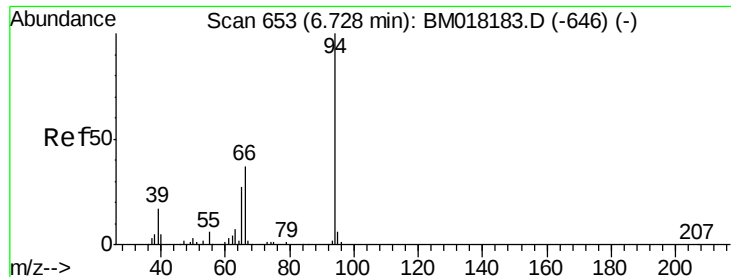
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 3.630 ng/ul

RT: 6.73 min Scan# 654

Delta R.T. 0.01 min

Lab File: BM018194.D

Acq: 15 Dec 2018 07:37

Instrument :

BNA_M

ClientSampleId :

F9E28

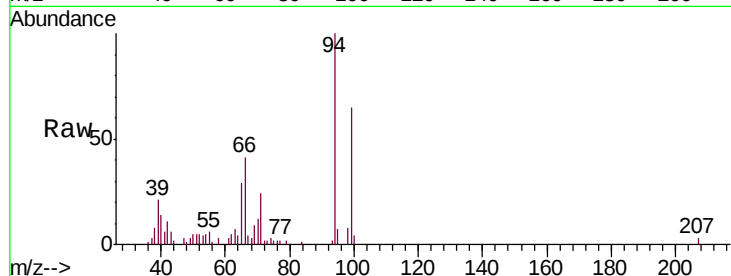
Tgt Ion: 94 Resp: 52344

Ion Ratio Lower Upper

94 100

65 29.1 22.0 33.0

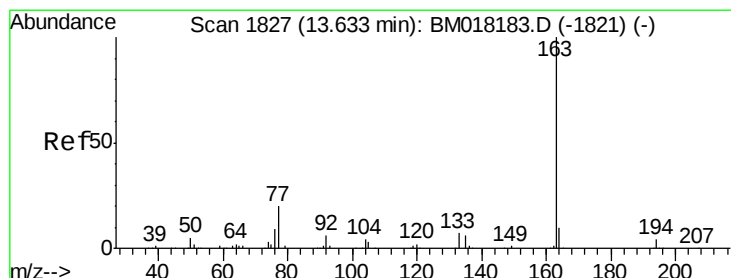
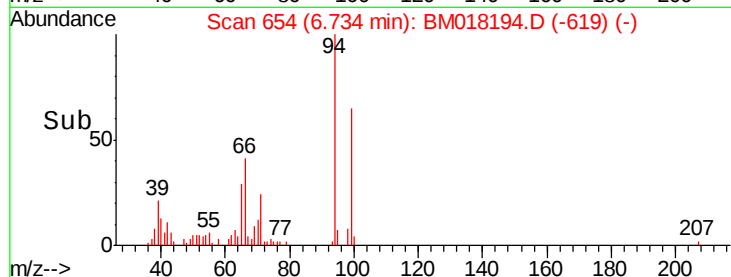
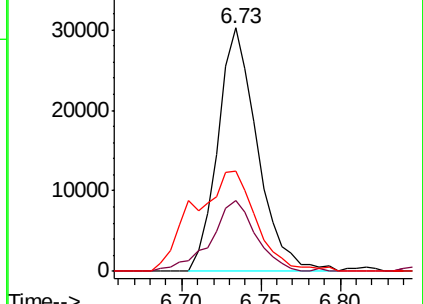
66 41.0 30.3 45.5



Abundance Ion 94.00 (93.70 to 94.70): BM018183.D (-646) (-)

Ion 65.00 (64.70 to 65.70): BM018183.D (-646) (-)

Ion 66.00 (65.70 to 66.70): BM018183.D (-646) (-)



#44

Dimethylphthalate

Concen: 3.707 ng/ul

RT: 13.64 min Scan# 1828

Delta R.T. 0.01 min

Lab File: BM018194.D

Acq: 15 Dec 2018 07:37

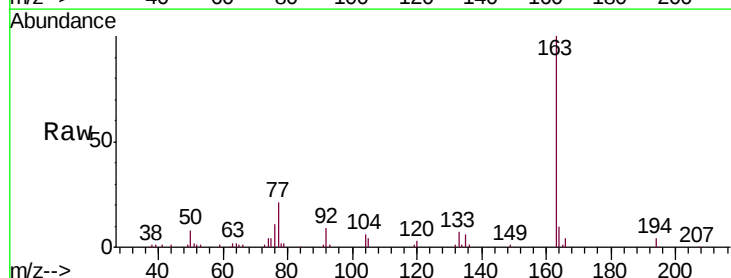
Tgt Ion: 163 Resp: 121454

Ion Ratio Lower Upper

163 100

194 3.8 3.7 5.5

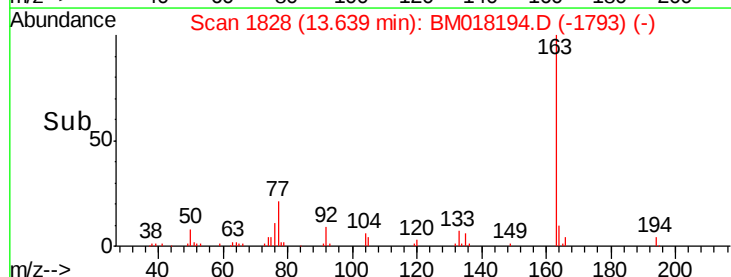
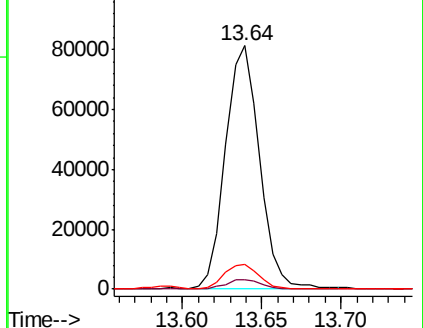
164 10.2 8.2 12.4

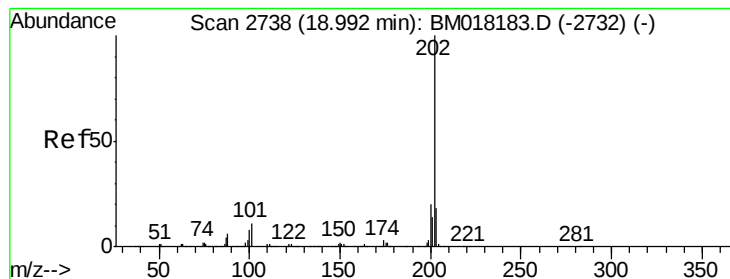


Abundance Ion 163.00 (162.70 to 163.70): BM018183.D (-1821) (-)

Ion 194.00 (193.70 to 194.70): BM018183.D (-1821) (-)

Ion 164.00 (163.70 to 164.70): BM018183.D (-1821) (-)





#76

Fluoranthene

Concen: 3.115 ng/ul

RT: 19.00 min Scan# 2739

Delta R.T. 0.01 min

Lab File: BM018194.D

Acq: 15 Dec 2018 07:37

Instrument :

BNA_M

ClientSampleId :

F9E28

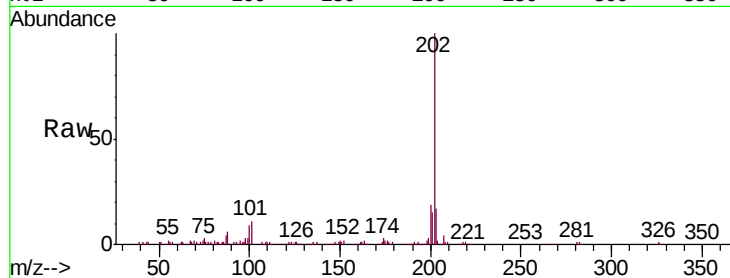
Tgt Ion:202 Resp: 170847

Ion Ratio Lower Upper

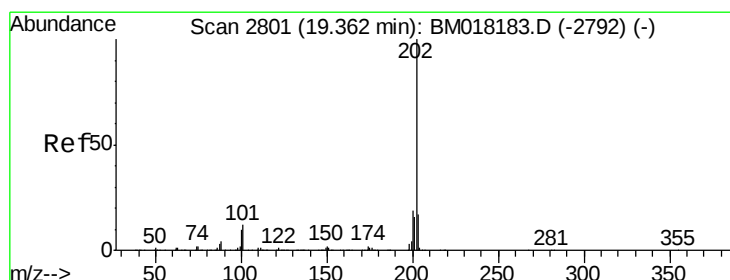
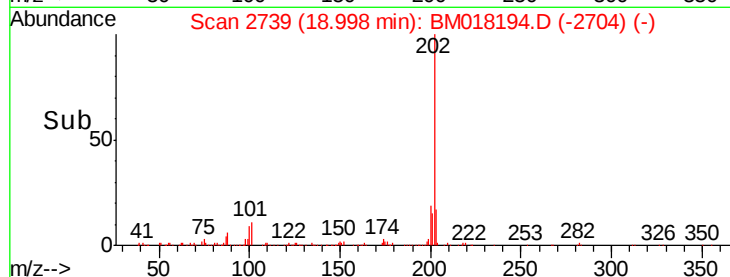
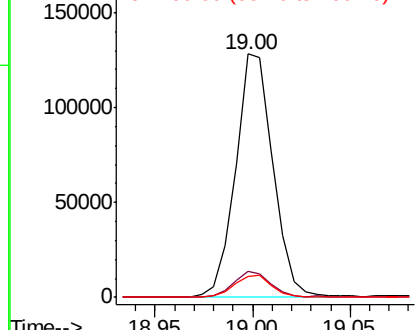
202 100

101 10.7 8.0 12.0

100 8.8 6.6 10.0



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



#79

Pyrene

Concen: 4.603 ng/ul

RT: 19.37 min Scan# 2802

Delta R.T. 0.01 min

Lab File: BM018194.D

Acq: 15 Dec 2018 07:37

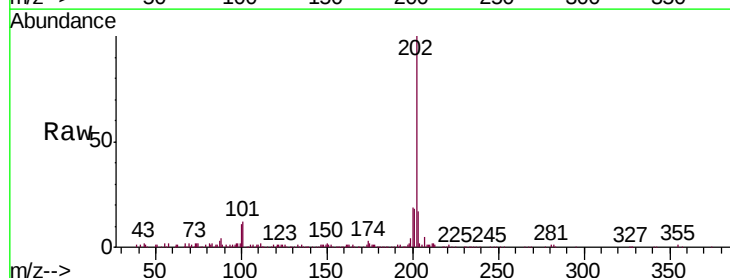
Tgt Ion:202 Resp: 184709

Ion Ratio Lower Upper

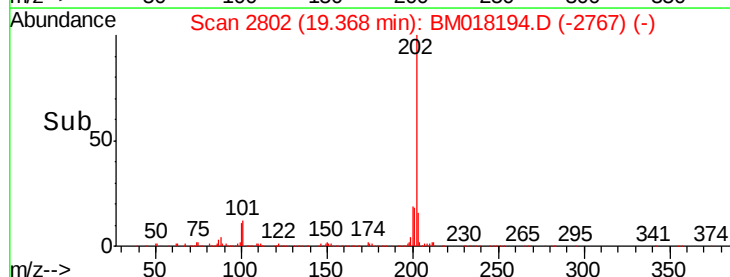
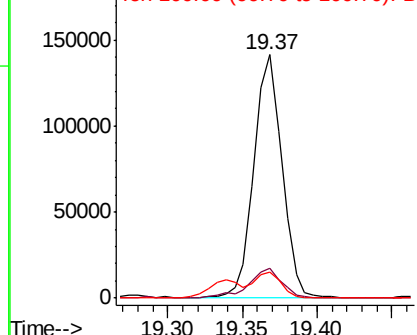
202 100

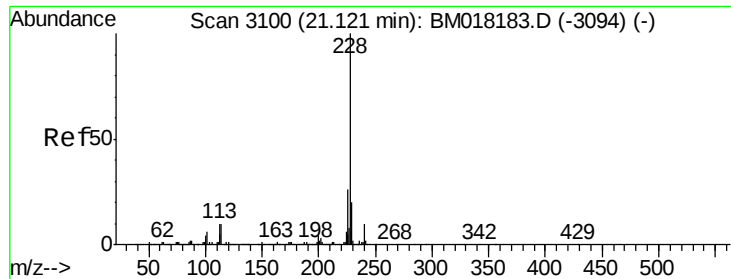
101 12.2 9.6 14.4

100 10.9 7.7 11.5



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





#82

Benzo(a)anthracene

Concen: 2.622 ng/ul

RT: 21.13 min Scan# 3102

Delta R.T. 0.01 min

Lab File: BM018194.D

Acq: 15 Dec 2018 07:37

Instrument :

BNA_M

ClientSampled :

F9E28

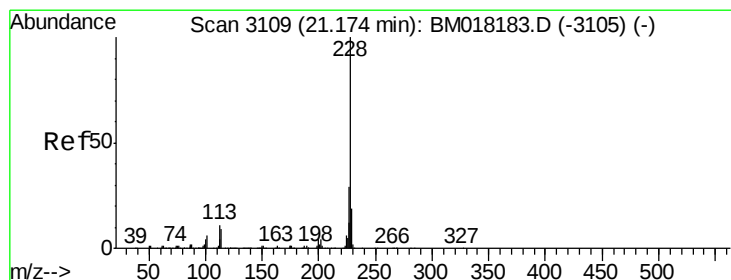
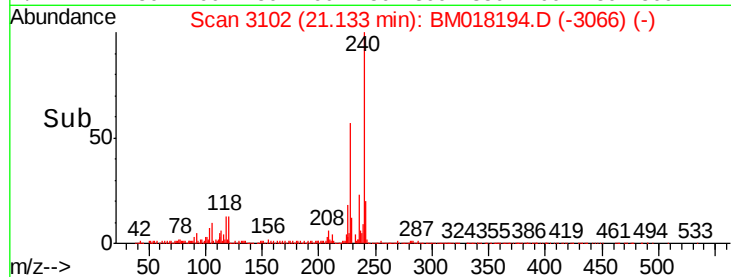
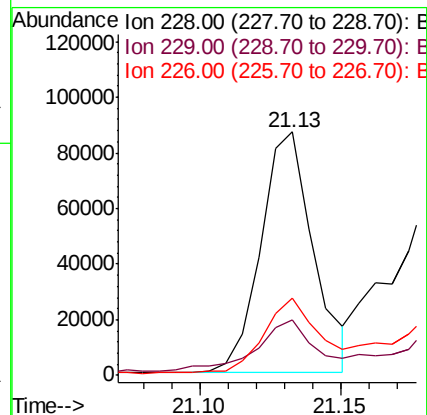
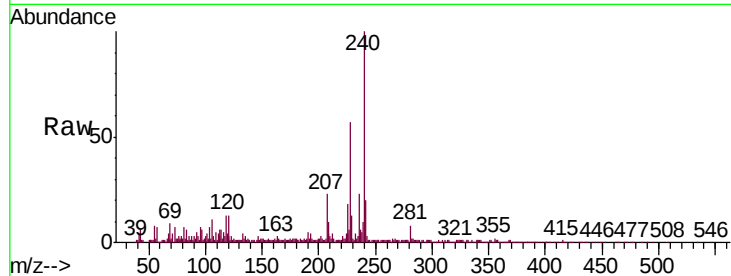
Tgt Ion:228 Resp: 111299

Ion Ratio Lower Upper

228 100

229 22.7 16.0 24.0

226 31.8 20.5 30.7#



#84

Chrysene

Concen: 2.850 ng/ul

RT: 21.13 min Scan# 3102

Delta R.T. -0.04 min

Lab File: BM018194.D

Acq: 15 Dec 2018 07:37

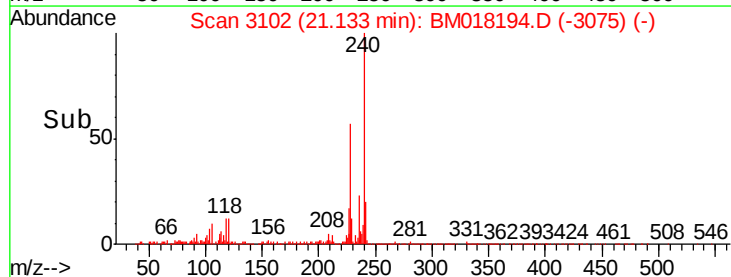
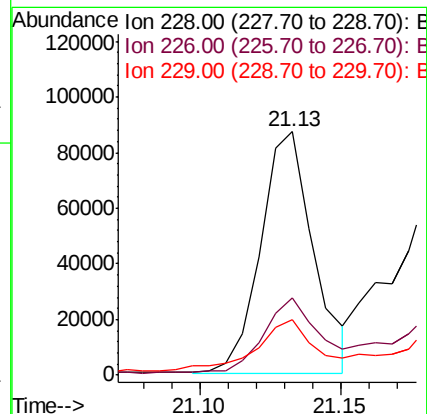
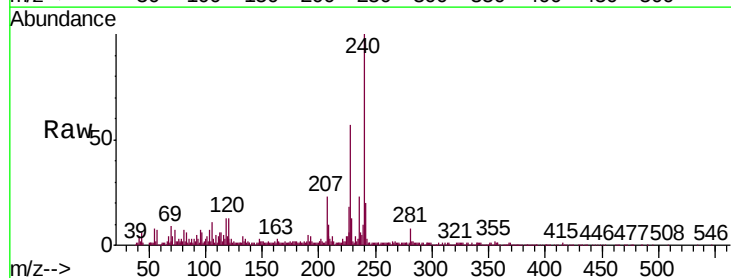
Tgt Ion:228 Resp: 112876

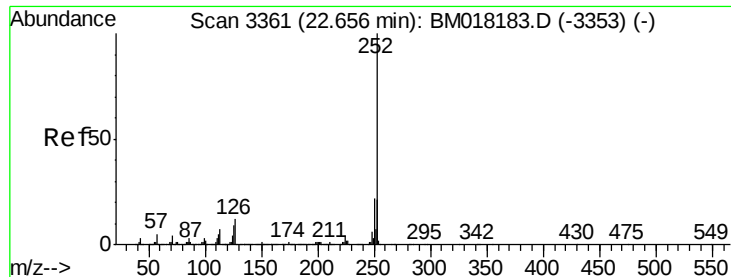
Ion Ratio Lower Upper

228 100

226 31.8 22.6 33.8

229 22.7 15.5 23.3





#87

Benzo(b)fluoranthene

Concen: 5.736 ng/ul

RT: 22.67 min Scan# 3363

Delta R.T. 0.01 min

Lab File: BM018194.D

Acq: 15 Dec 2018 07:37

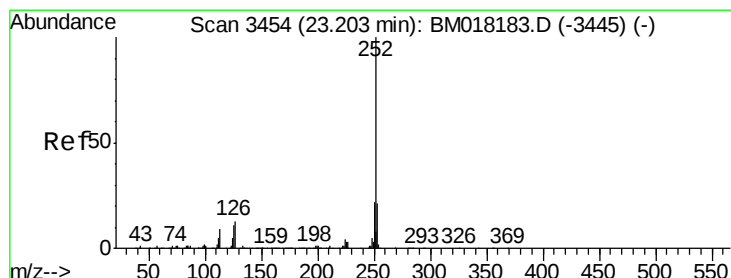
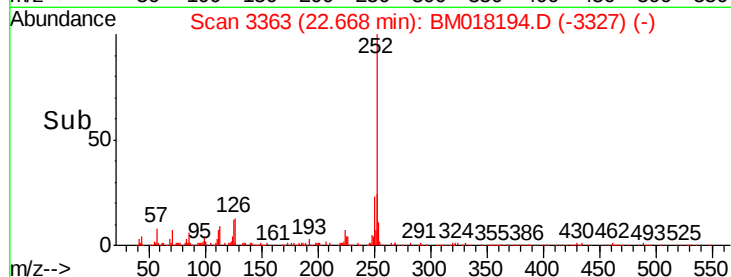
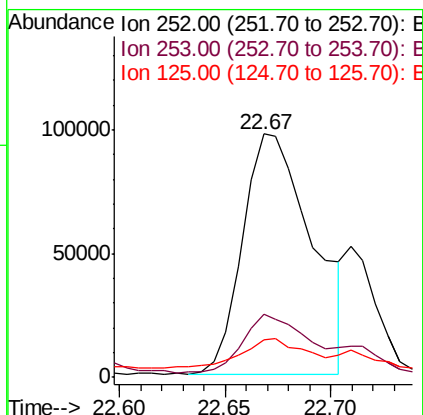
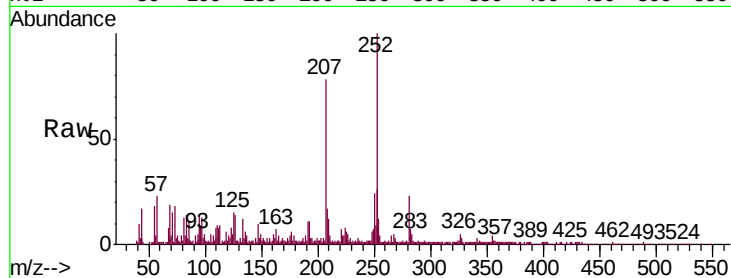
Instrument :

BNA_M

ClientSampleId :

F9E28

Tgt Ion:	252	Resp:	222108
Ion Ratio	Lower	Upper	
252	100		
253	25.9	17.3	25.9
125	15.2	7.8	11.6#



#90

Benzo(a)pyrene

Concen: 2.559 ng/ul

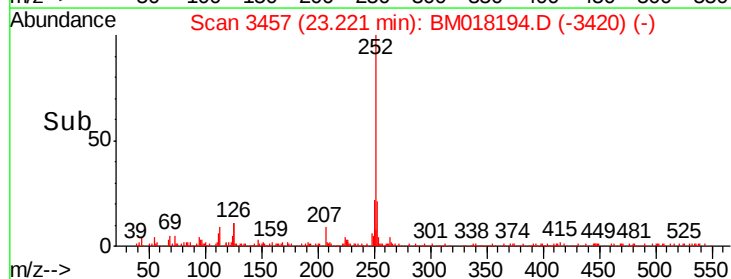
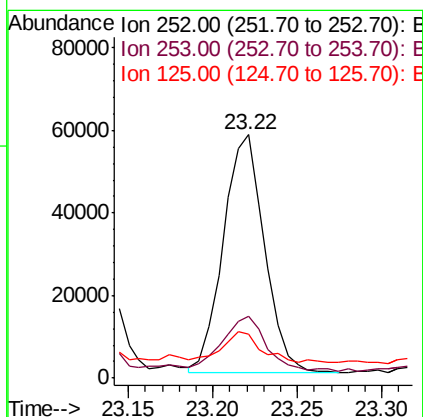
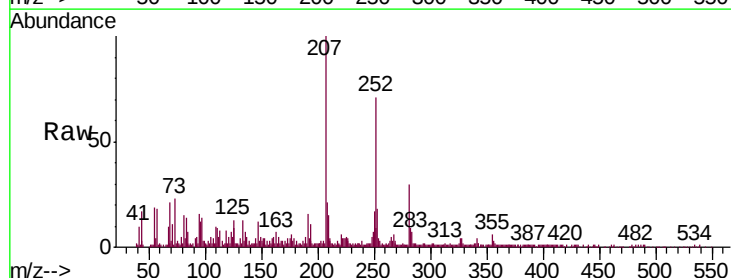
RT: 23.22 min Scan# 3457

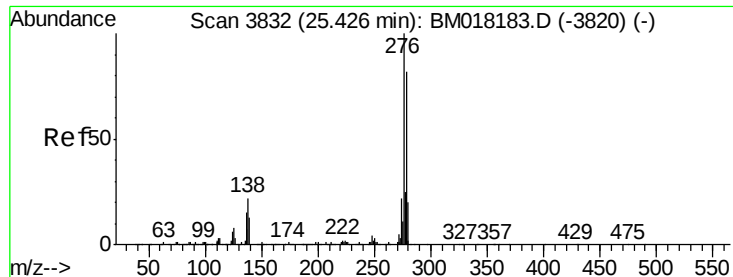
Delta R.T. 0.02 min

Lab File: BM018194.D

Acq: 15 Dec 2018 07:37

Tgt Ion:	252	Resp:	97738
Ion Ratio	Lower	Upper	
252	100		
253	25.3	17.4	26.0
125	17.9	9.0	13.4#





#91

Indeno(1,2,3-cd)pyrene

Concen: 2.129 ng/ul

RT: 25.44 min Scan# 3835

Delta R.T. 0.02 min

Lab File: BM018194.D

Acq: 15 Dec 2018 07:37

Instrument :

BNA_M

ClientSampleId :

F9E28

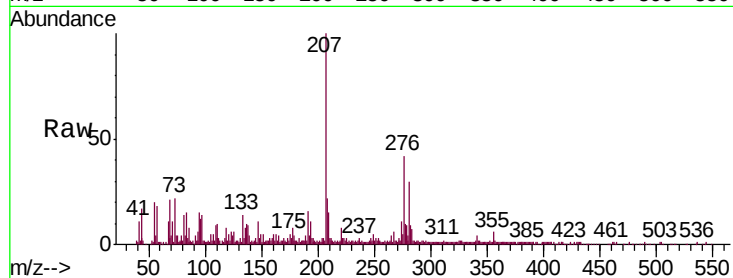
Tgt Ion:276 Resp: 92262

Ion Ratio Lower Upper

276 100

138 21.1 18.6 28.0

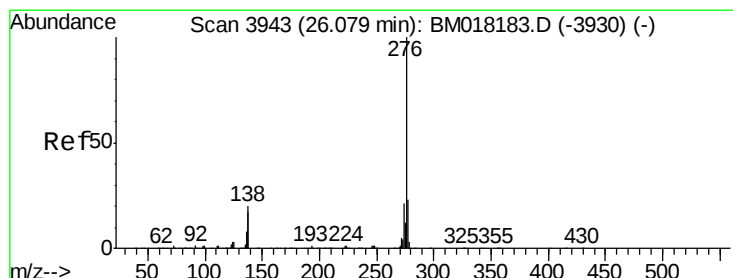
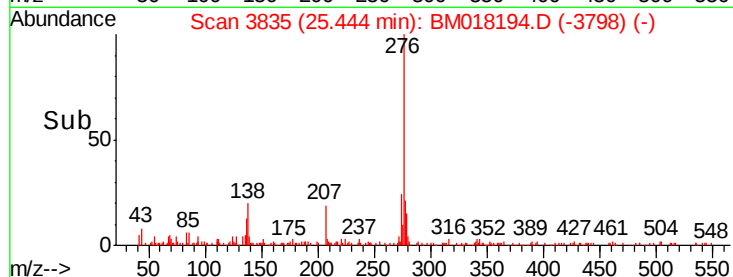
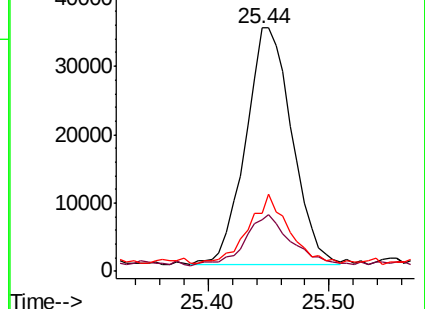
277 24.0 20.1 30.1



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: 1.895 ng/ul

RT: 26.10 min Scan# 3947

Delta R.T. 0.02 min

Lab File: BM018194.D

Acq: 15 Dec 2018 07:37

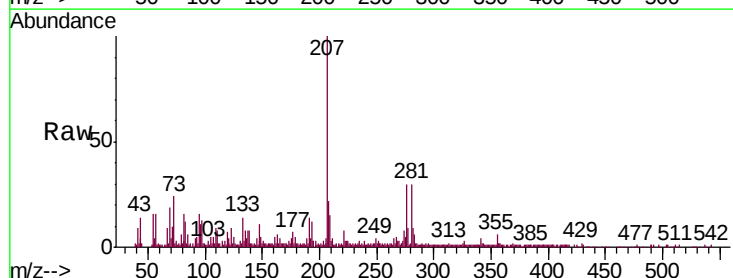
Tgt Ion:276 Resp: 68468

Ion Ratio Lower Upper

276 100

138 25.0 15.4 23.2#

277 28.5 19.0 28.4#



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

