

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101119\
 Data File : BM023121.D
 Acq On : 11 Oct 2019 09:57
 Operator : JU
 Sample : K5124-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 11 22:46:57 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 08 15:02:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	155626	20.00	ng/ul	0.00
18) Naphthalene-d8	10.55	136	606941	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.40	164	333544	20.00	ng/ul	-0.01
62) Phenanthrene-d10	17.14	188	647515	20.00	ng/ul	0.00
78) Chrysene-d12	21.33	240	664304	20.00	ng/ul	0.00
86) Perylene-d12	23.58	264	781194	20.00	ng/ul	0.00

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.25	96	9997	2.78	ng/uL	0.00
5) Phenol-d5	6.93	99	250216	18.20	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	7.10	67	141159	18.76	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.30	132	210864	19.04	ng/ul	-0.01
13) 4-Methylphenol-d8	8.47	113	194446	17.27	ng/ul	-0.01
19) Nitrobenzene-d5	8.92	128	96524	20.61	ng/ul	0.00
22) 2-Nitrophenol-d4	9.64	143	102263	19.99	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.17	165	202979	19.93	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.69	131	101218	8.18	ng/ul	0.00
44) Dimethylphthalate-d6	13.82	166	569909	22.02	ng/ul	0.00
47) Acenaphthylene-d8	14.09	160	674390	22.56	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.60	143	58223	11.38	ng/ul	0.00
58) Fluorene-d10	15.40	176	497274	22.54	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.52	200	53114	12.60	ng/ul	0.00
71) Anthracene-d10	17.24	188	752170	23.79	ng/ul	-0.01
79) Pyrene-d10	19.54	212	849690	23.77	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.43	264	967654	23.94	ng/ul	-0.01

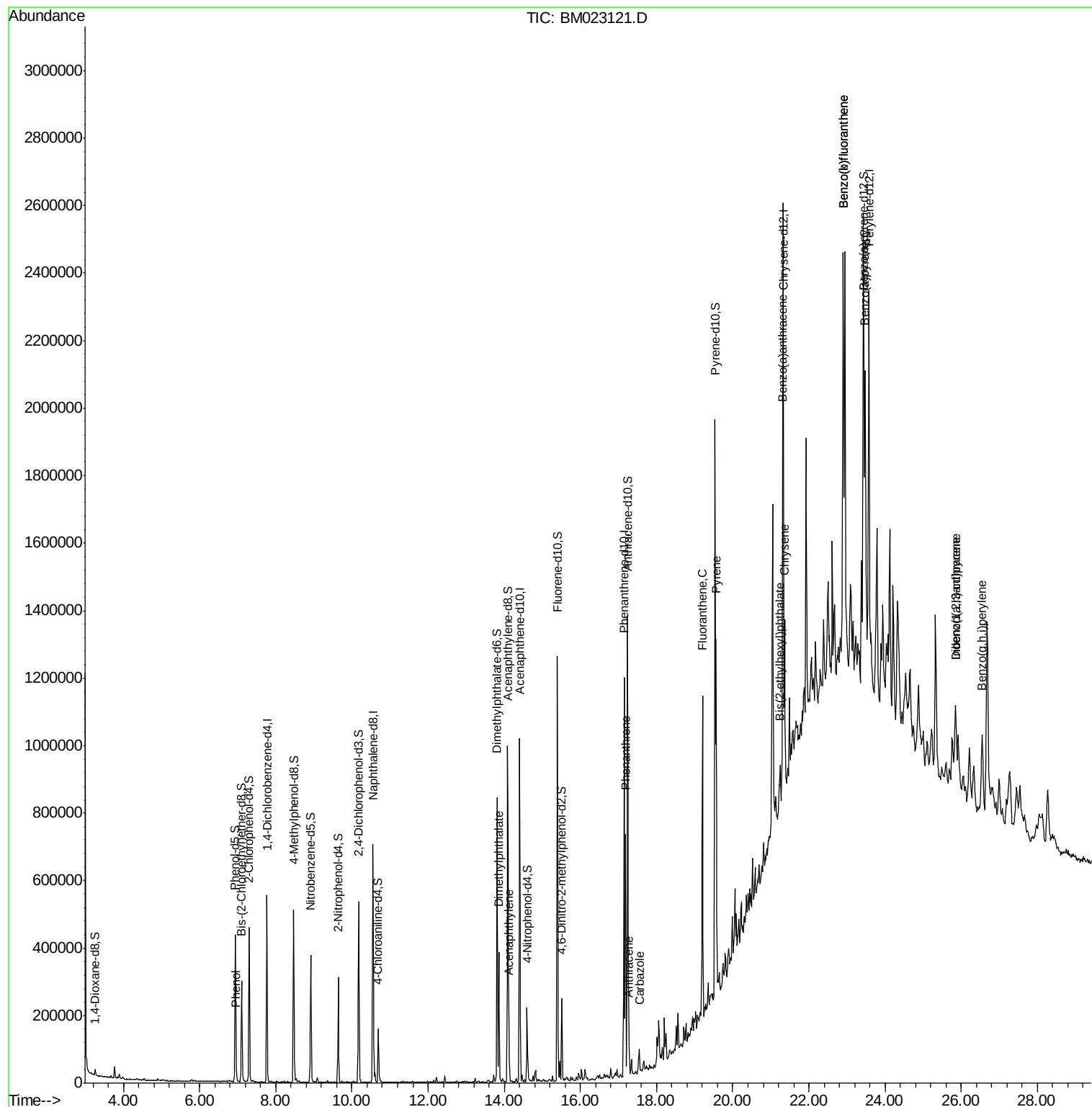
Target Compounds				Ovalue		
6) Phenol	6.96	94	22236	1.543	ng/ul	94
45) Dimethylphthalate	13.86	163	247507	9.308	ng/ul	99
48) Acenaphthylene	14.12	152	78077	2.420	ng/ul	99
70) Phenanthrene	17.19	178	415152	10.743	ng/ul	100
72) Anthracene	17.27	178	51110	1.298	ng/ul	99
75) Carbazole	17.54	167	39103	1.117	ng/ul	99
77) Fluoranthene	19.20	202	553098	12.726	ng/ul	99
80) Pyrene	19.56	202	600399	12.750	ng/ul	98
83) Benzo(a)anthracene	21.31	228	209734	4.397	ng/ul	94
84) Bis(2-ethylhexyl)phthalate	21.24	149	30013	1.091	ng/ul#	98
85) Chrysene	21.36	228	271784	6.181	ng/ul	97
88) Benzo(b)fluoranthene	22.90	252	393016	7.581	ng/ul#	73
89) Benzo(k)fluoranthene	22.90	252	393016	7.924	ng/ul#	73
91) Benzo(a)pyrene	23.48	252	329005	6.765	ng/ul#	95
92) Indeno(1,2,3-cd)pyrene	25.85	276	233097	4.512	ng/ul	96
93) Dibenzo(a,h)anthracene	25.85	278	53794	1.245	ng/ul#	81
94) Benzo(g,h,i)perylene	26.55	276	229644	5.510	ng/ul	98

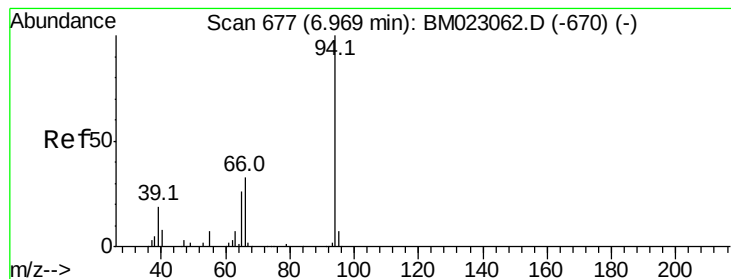
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101119\
Data File : BM023121.D
Acq On : 11 Oct 2019 09:57
Operator : JU
Sample : K5124-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Oct 11 22:46:57 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 08 15:02:34 2019
Response via : Initial Calibration





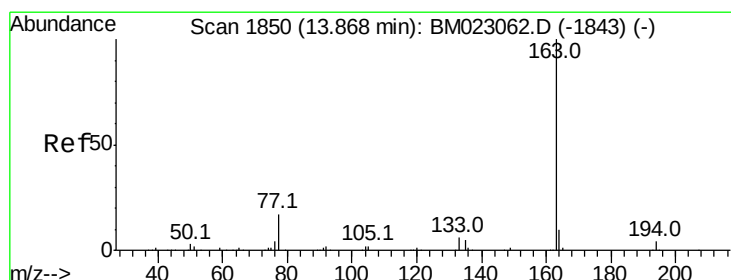
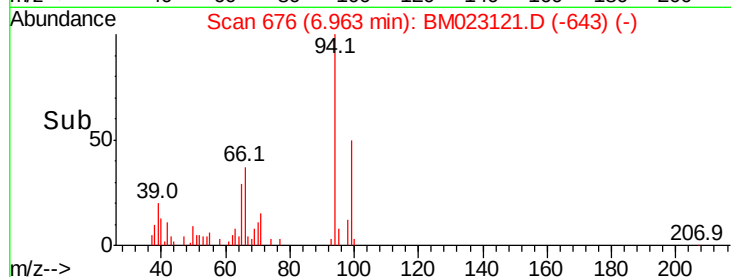
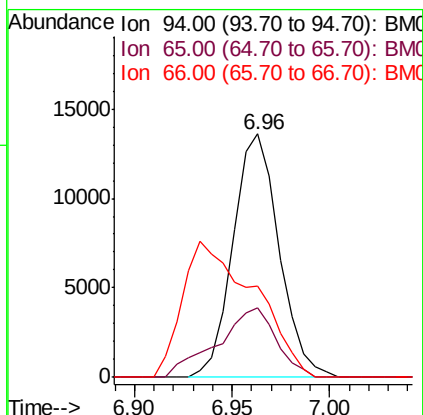
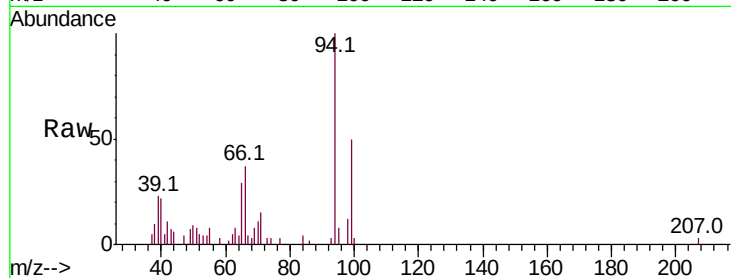
#6

Phenol

Concen: 1.543 ng/ul
 RT: 6.96 min Scan# 676
 Delta R.T. -0.01 min
 Lab File: BM023121.D
 Acq: 11 Oct 2019 09:57

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion: 94 Resp: 22236
 Ion Ratio Lower Upper
 94 100
 65 28.8 20.9 31.3
 66 37.4 27.2 40.8

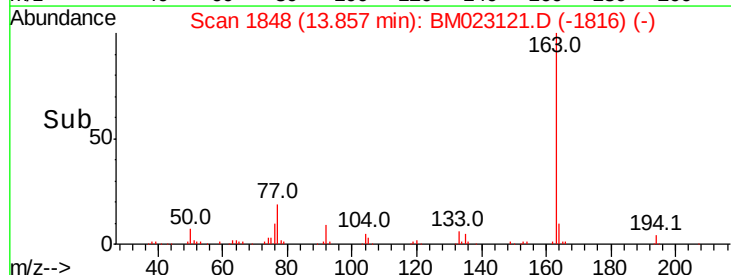
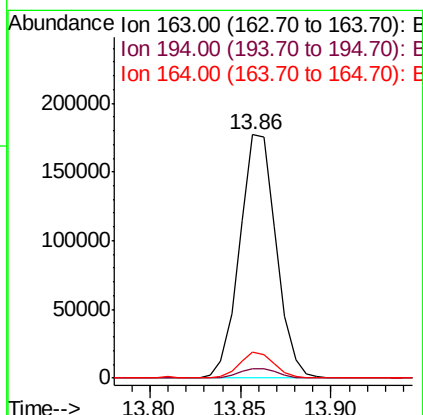
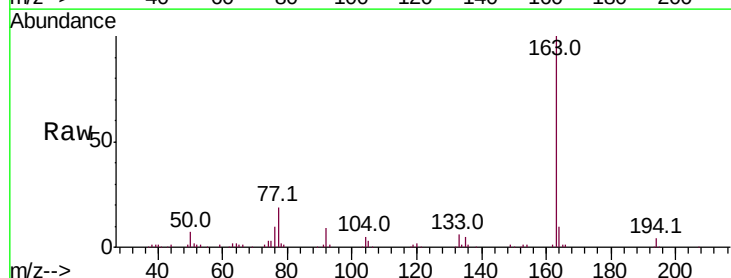


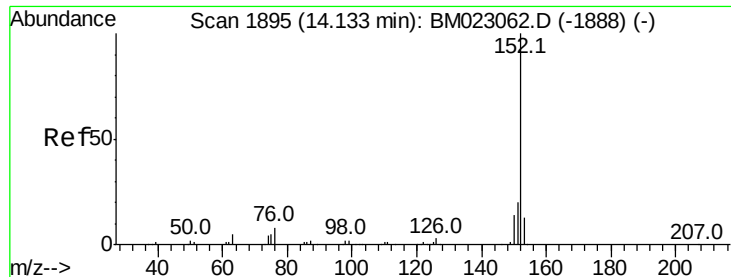
#45

Dimethylphthalate

Concen: 9.308 ng/ul
 RT: 13.86 min Scan# 1848
 Delta R.T. -0.01 min
 Lab File: BM023121.D
 Acq: 11 Oct 2019 09:57

Tgt Ion: 163 Resp: 247507
 Ion Ratio Lower Upper
 163 100
 194 3.9 3.4 5.0
 164 10.5 8.1 12.1





#48

Acenaphthylene

Concen: 2.420 ng/ul

RT: 14.12 min Scan# 1893

Delta R.T. -0.01 min

Lab File: BM023121.D

Acq: 11 Oct 2019 09:57

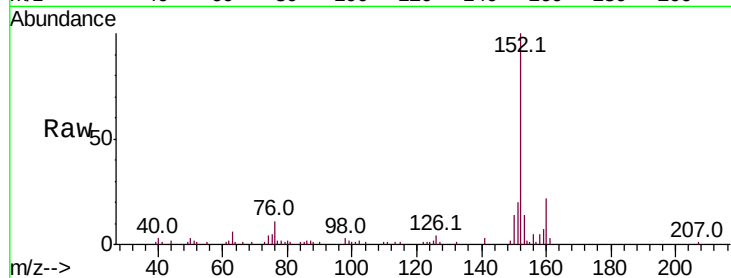
Instrument :

BNA_M

ClientSampleId :

Tot Ion:152 Resp: 78077

Ion	Ratio	Lower	Upper
152	100		
151	19.7	16.0	24.0
153	13.6	10.6	16.0

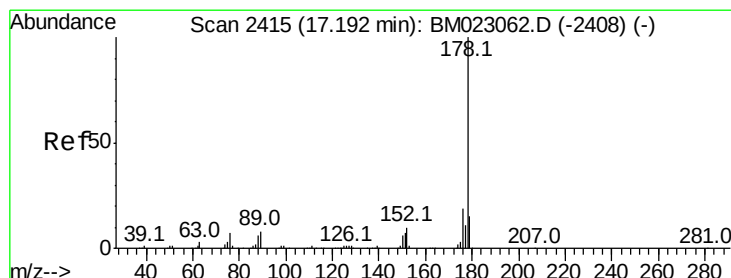
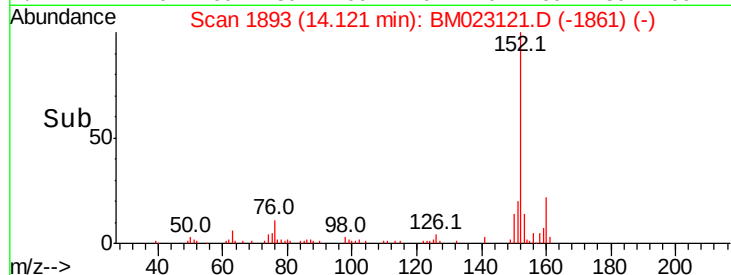
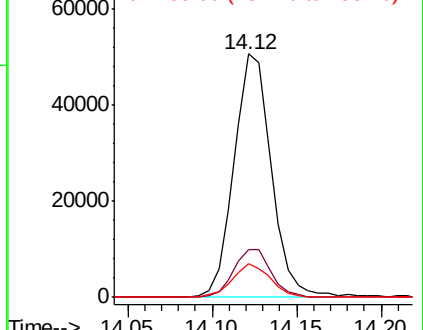


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#70

Phenanthrene

Concen: 10.743 ng/ul

RT: 17.19 min Scan# 2414

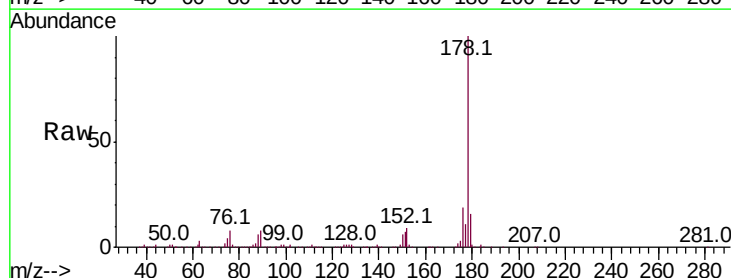
Delta R.T. -0.01 min

Lab File: BM023121.D

Acq: 11 Oct 2019 09:57

Tgt Ion:178 Resp: 415152

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.4	18.6
176	18.9	15.3	22.9

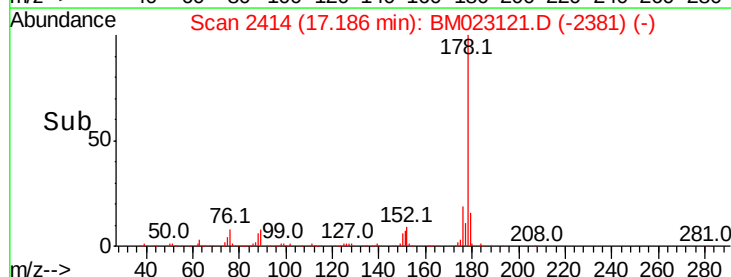
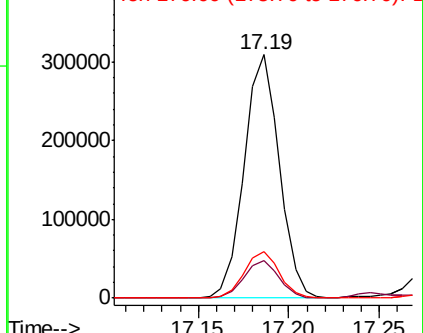


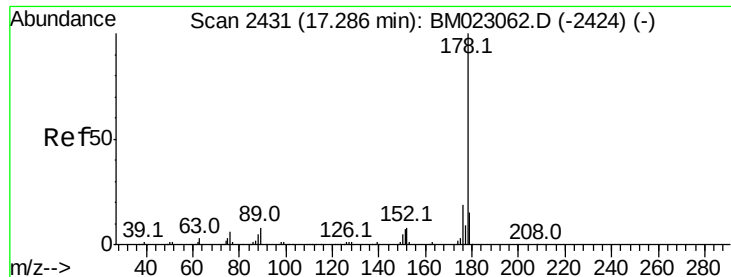
Abundance

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





#72

Anthracene

Concen: 1.298 ng/ul

RT: 17.27 min Scan# 2429

Delta R.T. -0.01 min

Lab File: BM023121.D

Acq: 11 Oct 2019 09:57

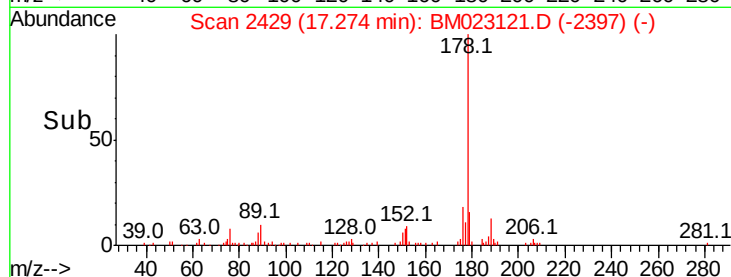
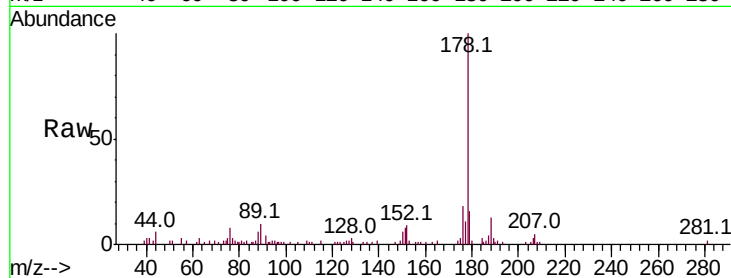
Instrument :

BNA_M

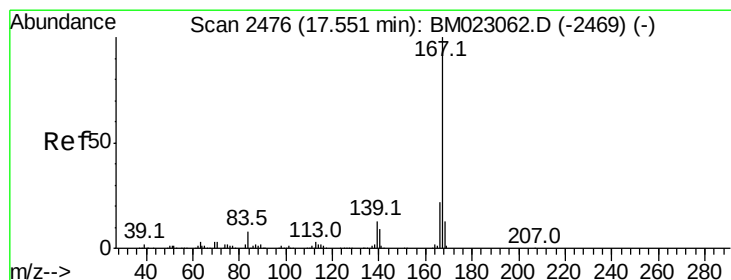
ClientSampleId :

Tot Ion:178 Resp: 51110

Ion	Ratio	Lower	Upper
178	100		
179	16.2	12.4	18.6
176	18.3	15.0	22.6



Time-->



#75

Carbazole

Concen: 1.117 ng/ul

RT: 17.54 min Scan# 2475

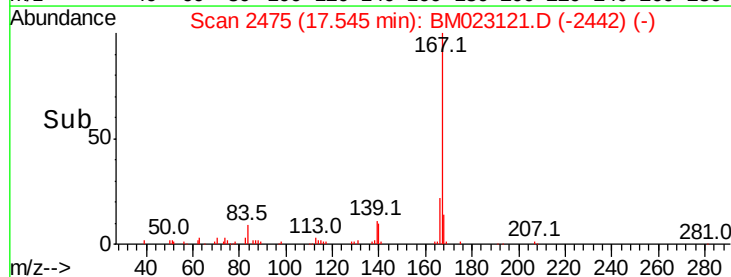
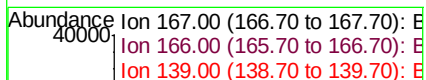
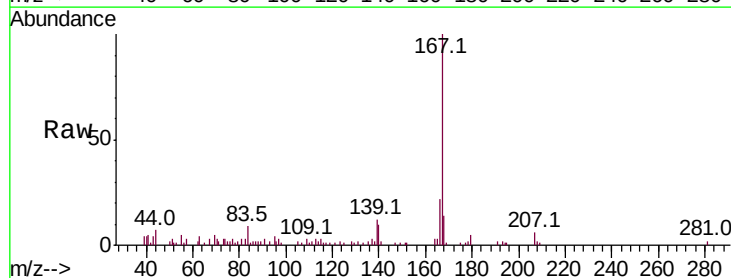
Delta R.T. -0.01 min

Lab File: BM023121.D

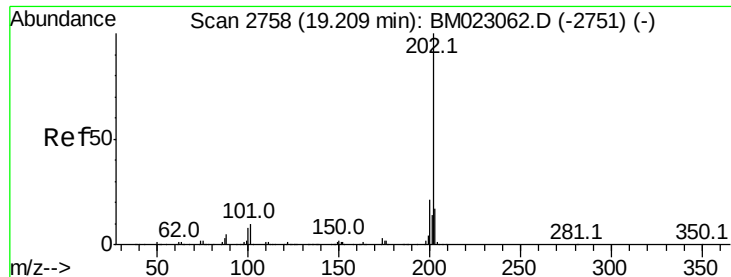
Acq: 11 Oct 2019 09:57

Tgt Ion:167 Resp: 39103

Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.1	25.7
139	11.9	9.9	14.9



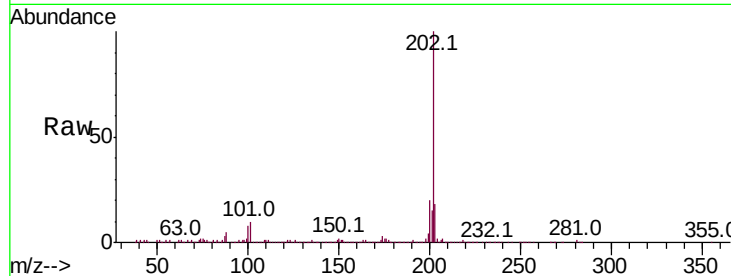
Time-->



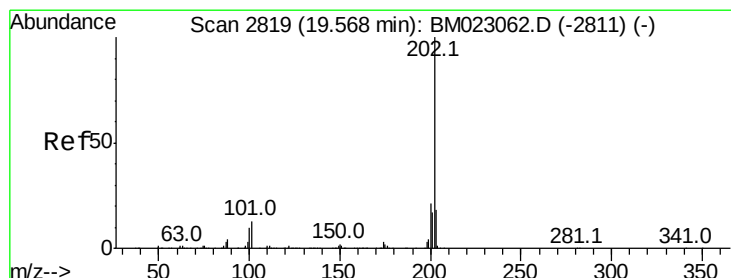
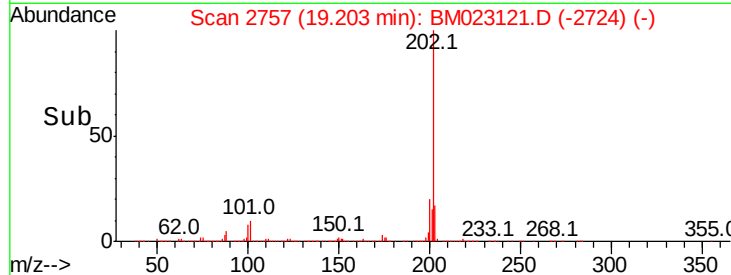
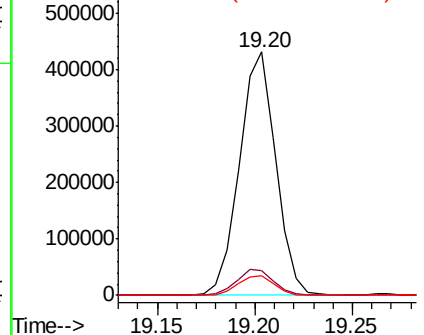
#77
Fluoranthene
Concen: 12.726 ng/ul
RT: 19.20 min Scan# 2757
Delta R.T. -0.01 min
Lab File: BM023121.D
Acq: 11 Oct 2019 09:57

Instrument :
BNA_M
ClientSampleID :

Tot Ion:	202	Resp:	553098
Ion	Ratio	Lower	Upper
202	100		
101	10.2	8.6	12.8
100	7.9	6.4	9.6

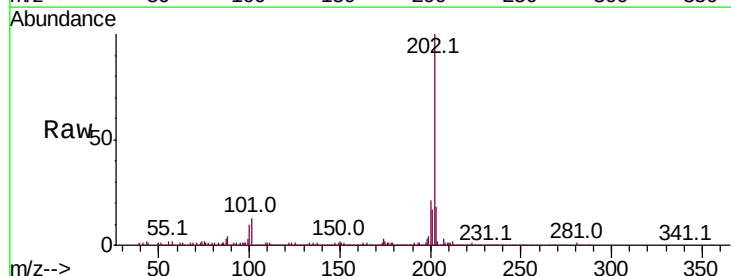


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

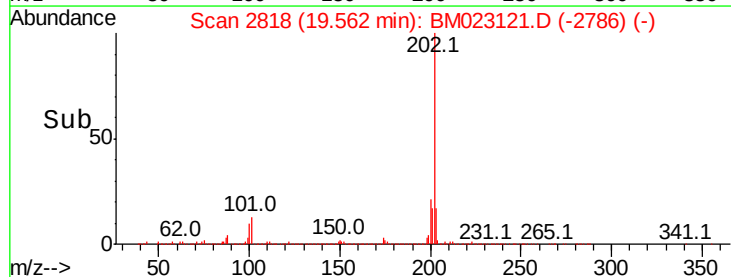
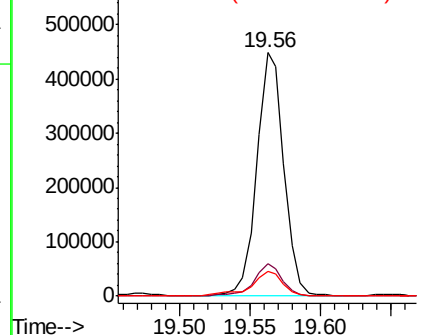


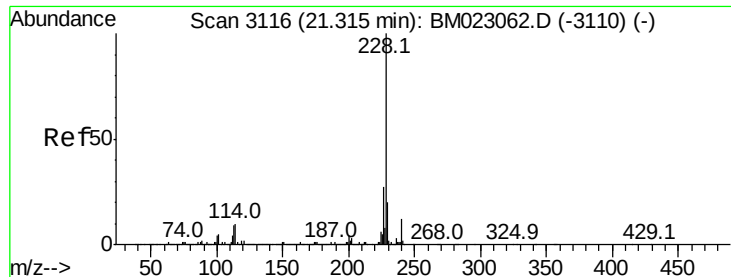
#80
Pyrene
Concen: 12.750 ng/ul
RT: 19.56 min Scan# 2818
Delta R.T. -0.01 min
Lab File: BM023121.D
Acq: 11 Oct 2019 09:57

Tgt Ion:	202	Resp:	600399
Ion	Ratio	Lower	Upper
202	100		
101	13.2	9.7	14.5
100	10.4	7.8	11.8



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





#83

Benzo(a)anthracene

Concen: 4.397 ng/ul

RT: 21.31 min Scan# 3115

Delta R.T. -0.01 min

Lab File: BM023121.D

Acq: 11 Oct 2019 09:57

Instrument :

BNA_M

ClientSampleId :

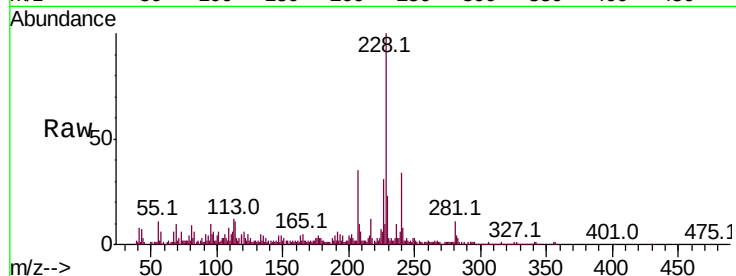
Tot Ion:228 Resp: 209734

Ion Ratio Lower Upper

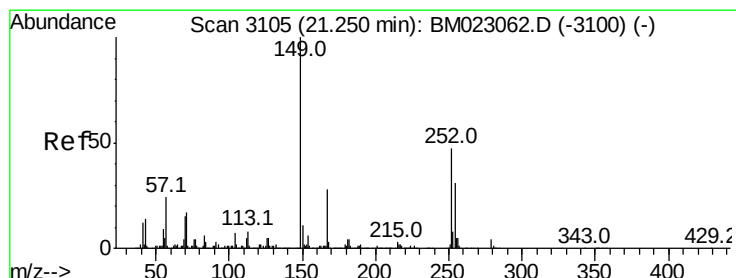
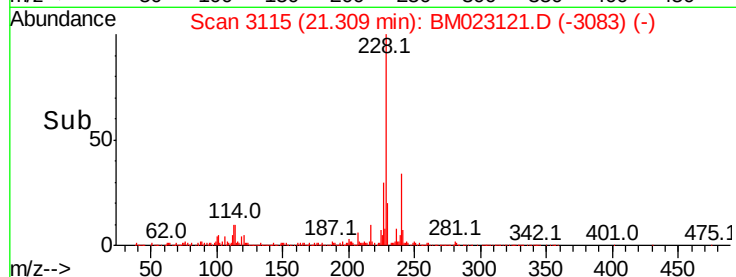
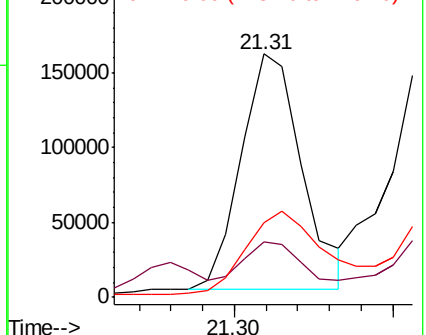
228 100

229 22.6 15.8 23.8

226 30.8 22.4 33.6



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

Bis(2-ethylhexyl)phthalate

Concen: 1.091 ng/ul

RT: 21.24 min Scan# 3104

Delta R.T. -0.01 min

Lab File: BM023121.D

Acq: 11 Oct 2019 09:57

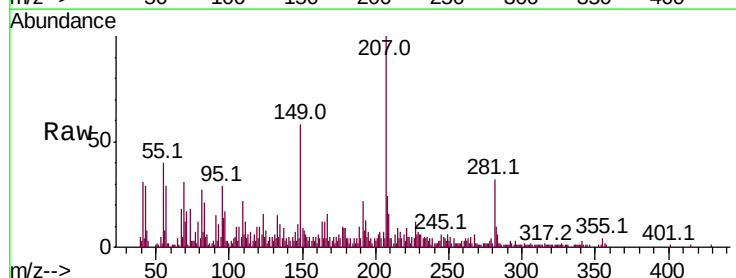
Tgt Ion:149 Resp: 30013

Ion Ratio Lower Upper

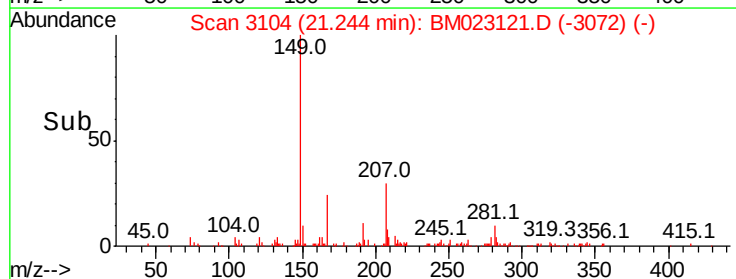
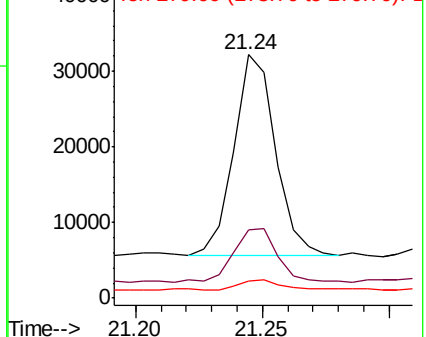
149 100

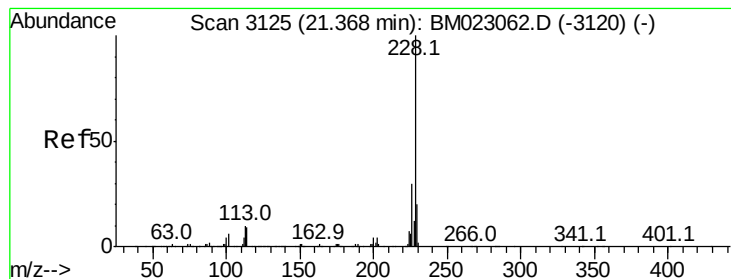
167 28.2 22.1 33.1

279 6.8 3.3 4.9#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E





#85

Chrysene

Concen: 6.181 ng/ul

RT: 21.36 min Scan# 3124

Delta R.T. -0.01 min

Lab File: BM023121.D

Acq: 11 Oct 2019 09:57

Instrument :

BNA_M

ClientSampled :

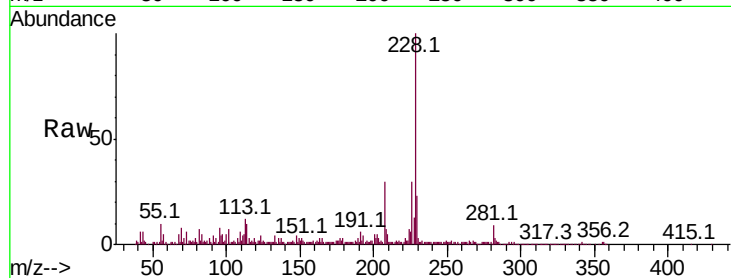
Tot Ion:228 Resp: 271784

Ion Ratio Lower Upper

228 100

226 30.3 24.2 36.4

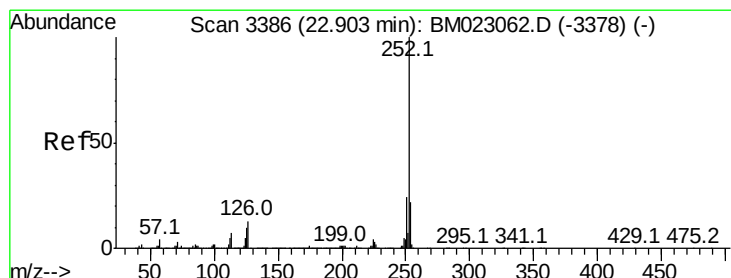
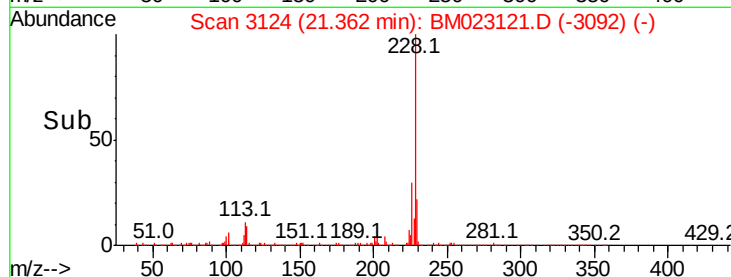
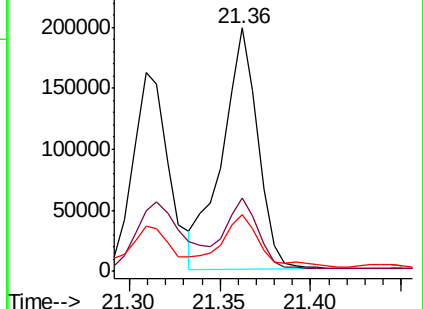
229 23.3 15.9 23.9



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



#88

Benzo(b)fluoranthene

Concen: 7.581 ng/ul

RT: 22.90 min Scan# 3386

Delta R.T. -0.01 min

Lab File: BM023121.D

Acq: 11 Oct 2019 09:57

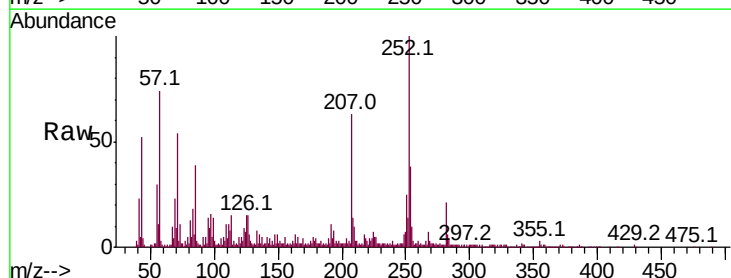
Tgt Ion:252 Resp: 393016

Ion Ratio Lower Upper

252 100

253 37.8 17.7 26.5#

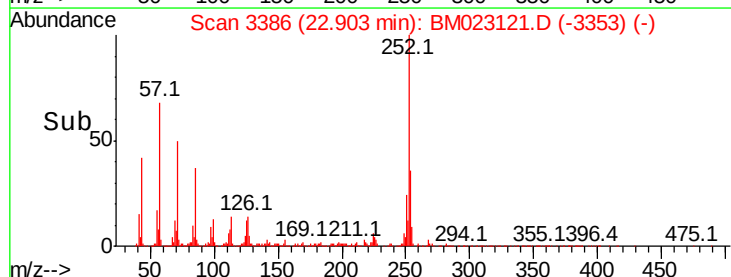
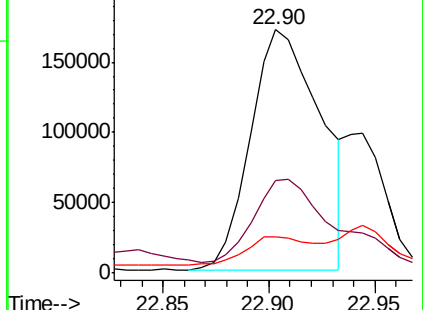
125 15.1 8.2 12.2#

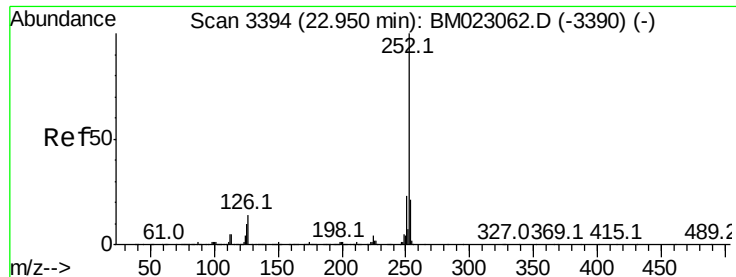


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 7.924 ng/ul

RT: 22.90 min Scan# 3386

Delta R.T. -0.05 min

Lab File: BM023121.D

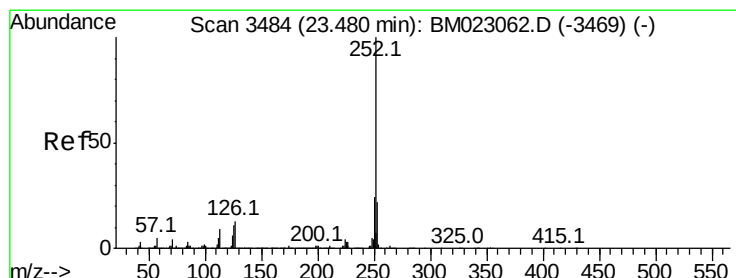
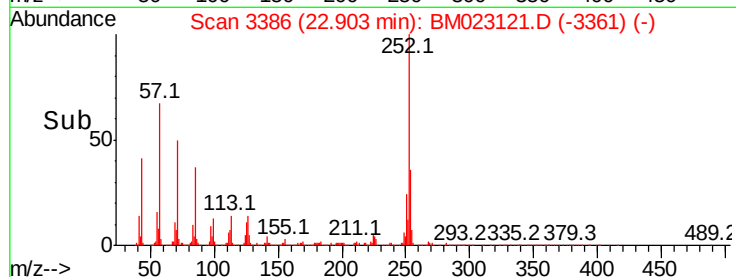
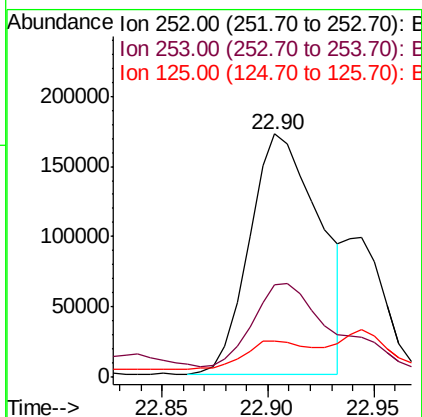
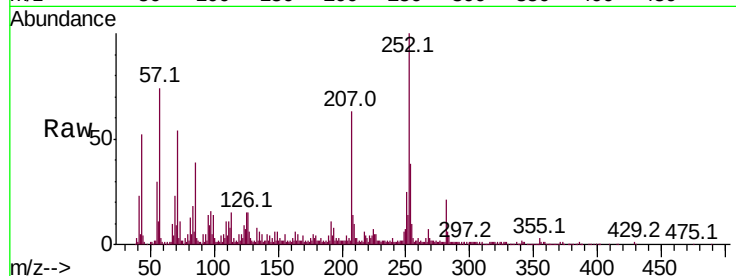
Acq: 11 Oct 2019 09:57

Instrument :

BNA_M

ClientSampled :

Tot Ion:	252	Resp:	393016
Ion	Ratio	Lower	Upper
252	100		
253	37.8	17.5	26.3#
125	15.1	7.9	11.9#



#91

Benzo(a)pyrene

Concen: 6.765 ng/ul

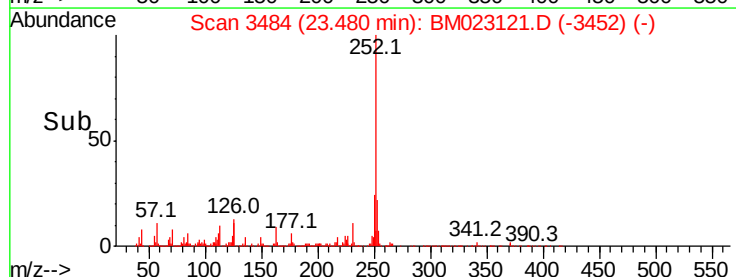
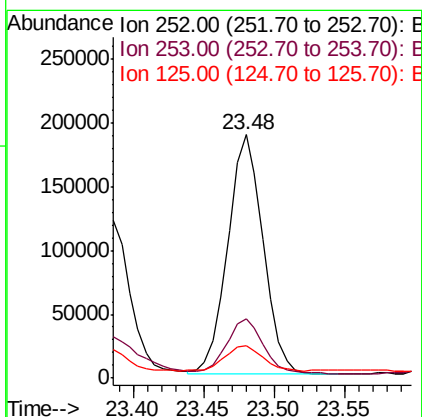
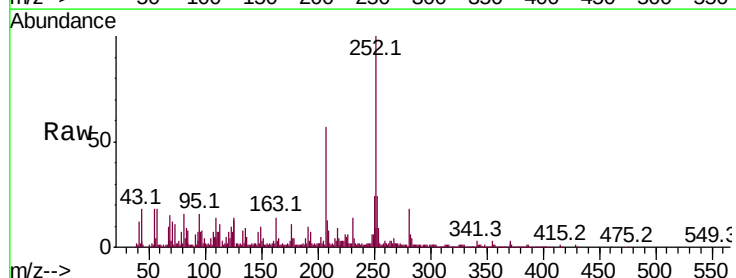
RT: 23.48 min Scan# 3484

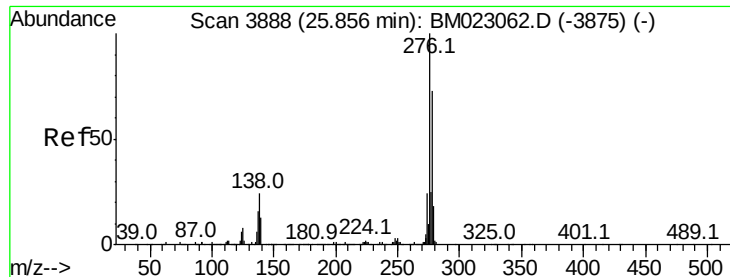
Delta R.T. -0.01 min

Lab File: BM023121.D

Acq: 11 Oct 2019 09:57

Tgt Ion:	252	Resp:	329005
Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.6	26.4
125	13.3	8.7	13.1#



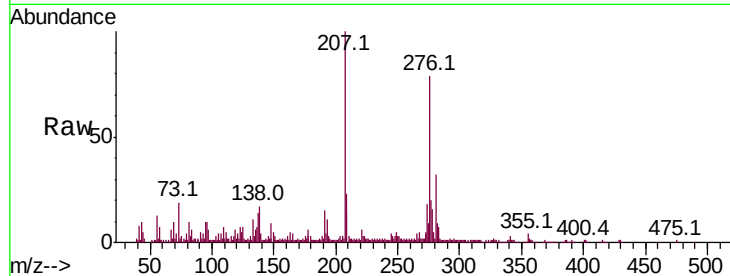


#92

Indeno(1,2,3-cd)pyrene
Concen: 4.512 ng/ul
RT: 25.85 min Scan# 3887
Delta R.T. -0.02 min
Lab File: BM023121.D
Acq: 11 Oct 2019 09:57

Instrument :
BNA_M
ClientSampled :

Tot Ion	Ratio	Lower	Upper
276	100		
138	21.5	19.8	29.8
277	24.9	20.3	30.5

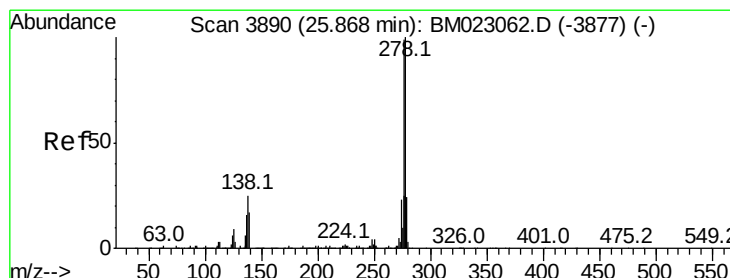
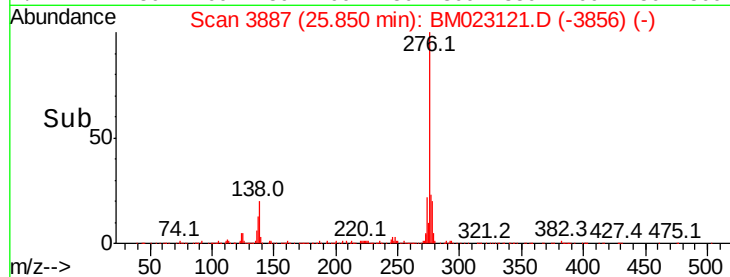
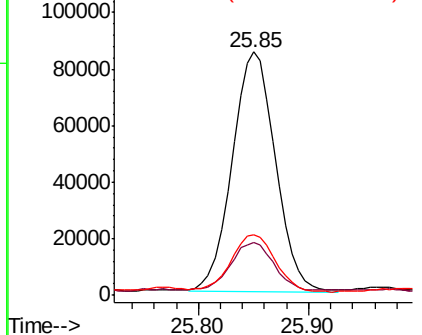


Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

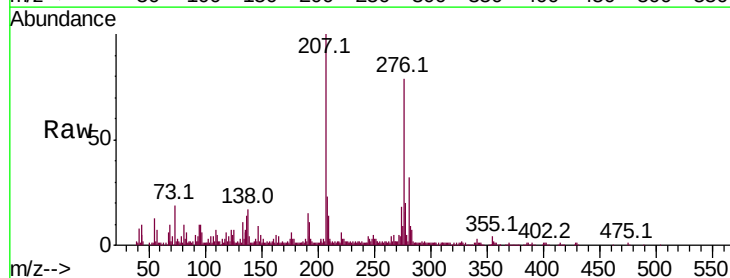
Ion 277.00 (276.70 to 277.70): E



#93

Dibenzo(a,h)anthracene
Concen: 1.245 ng/ul
RT: 25.85 min Scan# 3887
Delta R.T. -0.03 min
Lab File: BM023121.D
Acq: 11 Oct 2019 09:57

Tgt Ion	Ratio	Lower	Upper
278	100		
139	25.4	13.2	19.8#
279	32.4	19.0	28.6#

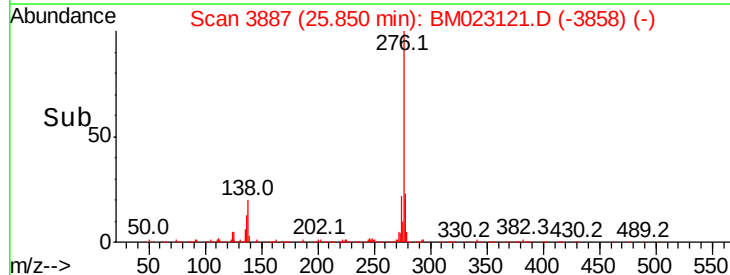
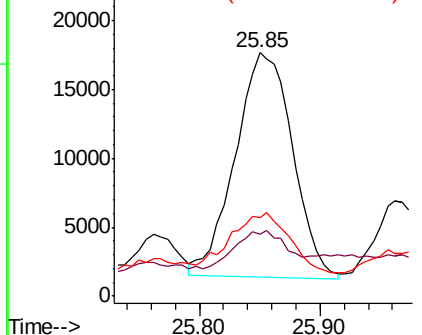


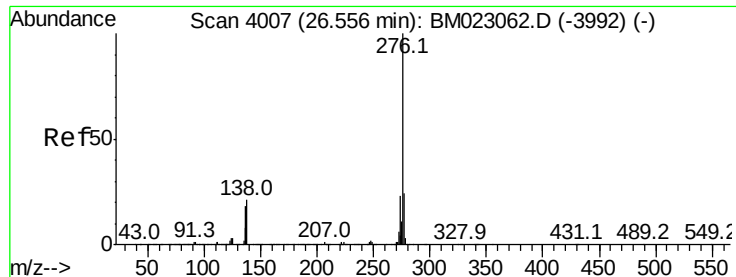
Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#94

Benzo(a,h,i)perylene

Concen: 5.510 ng/ul

RT: 26.55 min Scan# 4006

Delta R.T. -0.02 min

Lab File: BM023121.D

Acq: 11 Oct 2019 09:57

Instrument :

BNA_M

ClientSampleId :

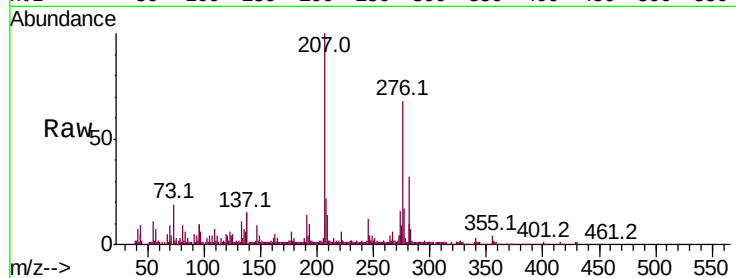
Tot Ion:276 Resp: 229644

Ion Ratio Lower Upper

276 100

138 21.5 17.6 26.4

277 25.2 19.1 28.7



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

