

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100819\
 Data File : BM023104.D
 Acq On : 10 Oct 2019 04:42
 Operator : JU
 Sample : K5177-07
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 10 05:38:01 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	177513	20.00	ng/ul	0.00
18) Naphthalene-d8	10.56	136	712452	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.40	164	392470	20.00	ng/ul	-0.01
62) Phenanthrene-d10	17.15	188	739376	20.00	ng/ul	0.00
78) Chrysene-d12	21.33	240	736262	20.00	ng/ul	0.00
86) Perylene-d12	23.57	264	890549	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.25	96	13764	3.35	ng/uL	0.00
5) Phenol-d5	6.94	99	244382	15.58	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.10	67	146856	17.11	ng/ul	0.00
9) 2-Chlorophenol-d4	7.30	132	214494	16.98	ng/ul	0.00
13) 4-Methylphenol-d8	8.48	113	159048	12.39	ng/ul	0.00
19) Nitrobenzene-d5	8.92	128	102595	18.66	ng/ul	0.00
22) 2-Nitrophenol-d4	9.65	143	110829	18.46	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.18	165	199886	16.72	ng/ul	0.00
29) 4-Chloroaniline-d4	10.69	131	207371	14.28	ng/ul	0.00
44) Dimethylphthalate-d6	13.82	166	567171	18.62	ng/ul	0.00
47) Acenaphthylene-d8	14.10	160	670428	19.06	ng/ul	0.00
52) 4-Nitrophenol-d4	14.60	143	69347	11.52	ng/ul	0.00
58) Fluorene-d10	15.40	176	483284	18.62	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.52	200	52669	10.95	ng/ul	0.00
71) Anthracene-d10	17.25	188	694748	19.24	ng/ul	0.00
79) Pyrene-d10	19.54	212	827493	20.88	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.43	264	943869	20.49	ng/ul	-0.01

Target Compounds

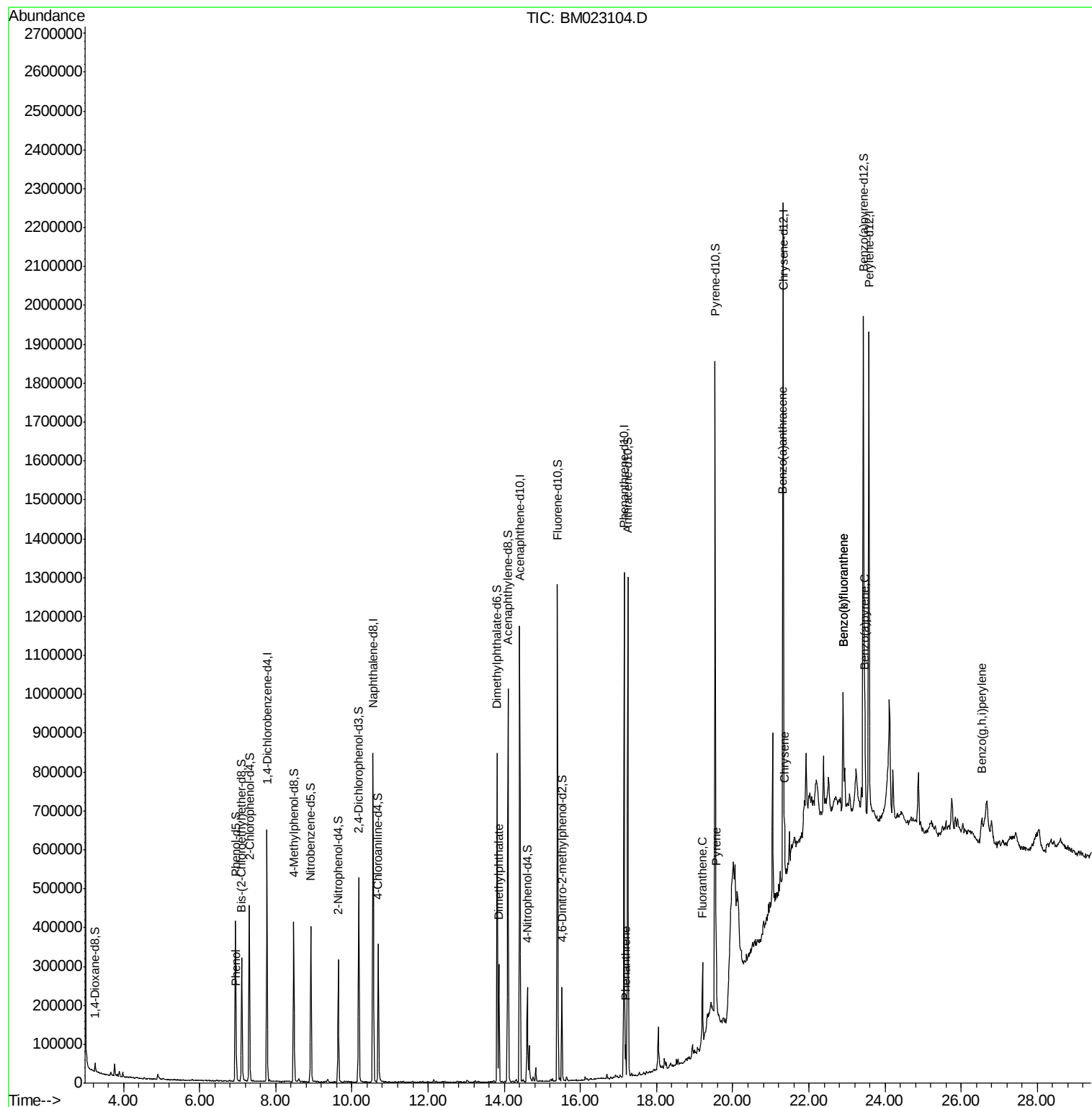
					Ovalue
6) Phenol	6.96	94	36176	2.200	ng/ul 98
45) Dimethylphthalate	13.86	163	191784	6.129	ng/ul 100
70) Phenanthrene	17.19	178	47985	1.087	ng/ul 99
77) Fluoranthene	19.20	202	118154	2.381	ng/ul 100
80) Pyrene	19.56	202	116564	2.233	ng/ul 96
83) Benzo(a)anthracene	21.31	228	67299	1.273	ng/ul 97
85) Chrysene	21.36	228	70621	1.449	ng/ul 97
88) Benzo(b)fluoranthene	22.90	252	105655	1.788	ng/ul# 88
89) Benzo(k)fluoranthene	22.90	252	105655	1.869	ng/ul# 87
91) Benzo(a)pyrene	23.47	252	72359	1.305	ng/ul# 87
94) Benzo(g,h,i)perylene	26.54	276	49547	1.043	ng/ul 93

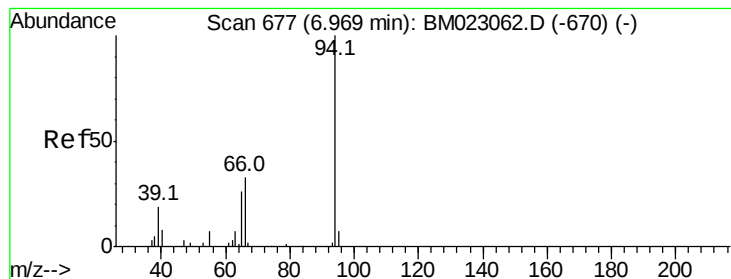
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Oct 08 15:02:34 2019
Response via : Initial Calibration





#6

Phenol

Concen: 2.200 ng/ul

RT: 6.96 min Scan# 676

Delta R.T. -0.01 min

Lab File: BM023104.D

Acq: 10 Oct 2019 04:42

Instrument :

BNA_M

ClientSampleId :

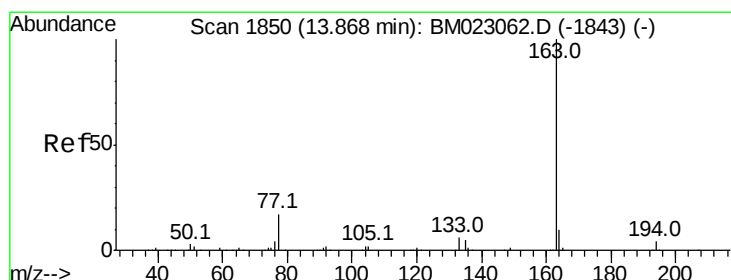
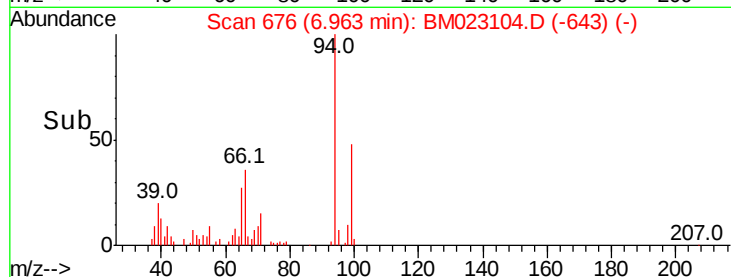
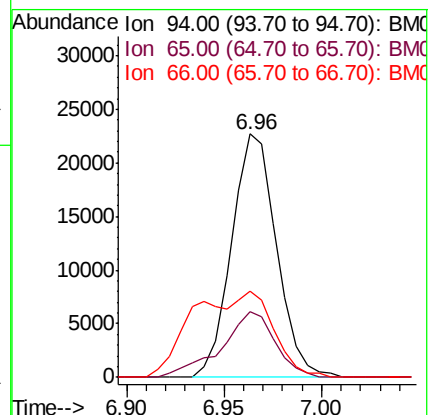
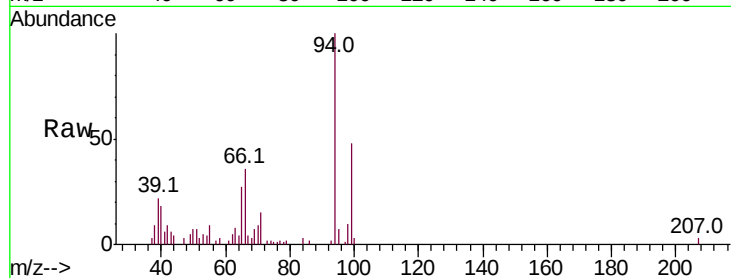
Tot Ion: 94 Resp: 36176

Ion Ratio Lower Upper

94 100

65 27.2 20.9 31.3

66 35.5 27.2 40.8



#45

Dimethylphthalate

Concen: 6.129 ng/ul

RT: 13.86 min Scan# 1849

Delta R.T. -0.01 min

Lab File: BM023104.D

Acq: 10 Oct 2019 04:42

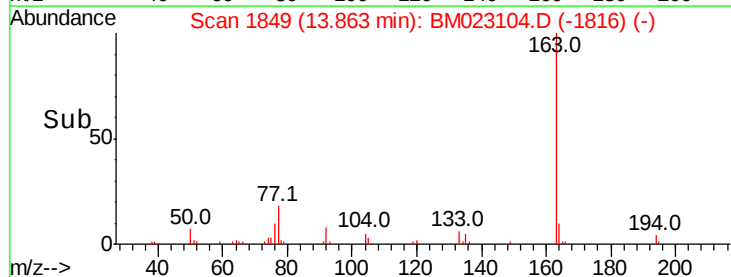
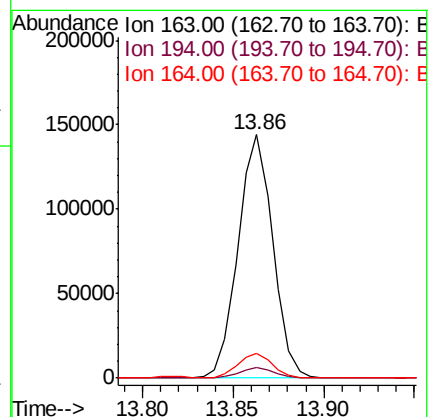
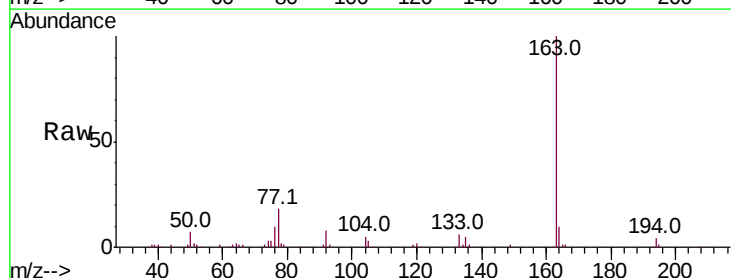
Tgt Ion: 163 Resp: 191784

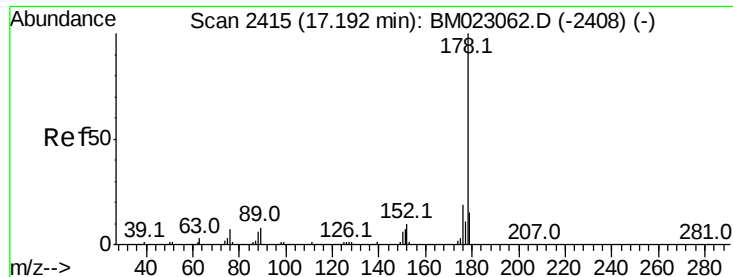
Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.0

164 10.0 8.1 12.1

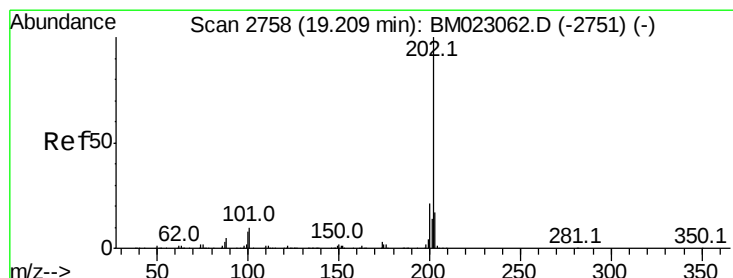
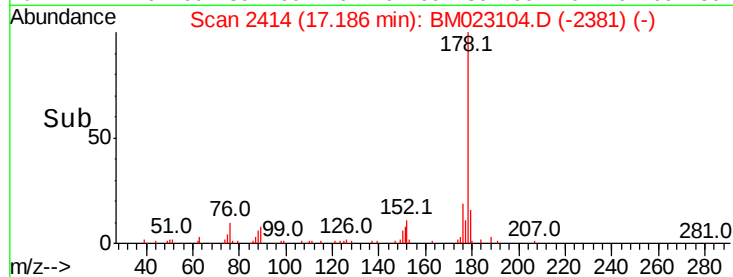
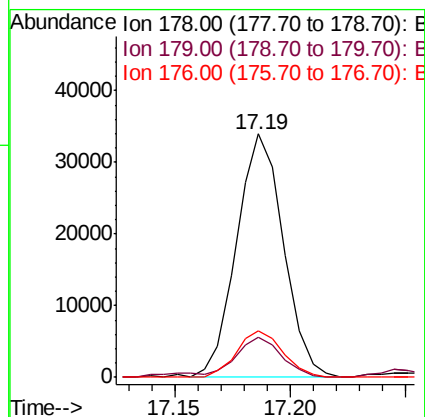
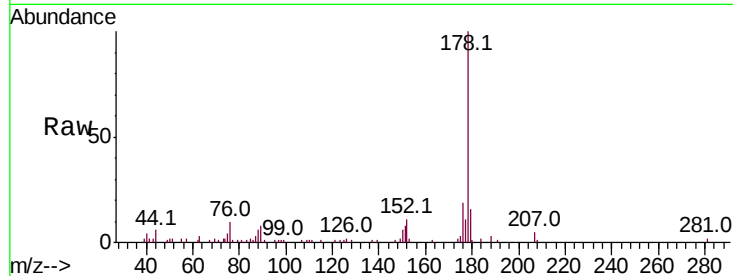




#70
 Phenanthrene
 Concen: 1.087 ng/ul
 RT: 17.19 min Scan# 2414
 Delta R.T. -0.01 min
 Lab File: BM023104.D
 Acq: 10 Oct 2019 04:42

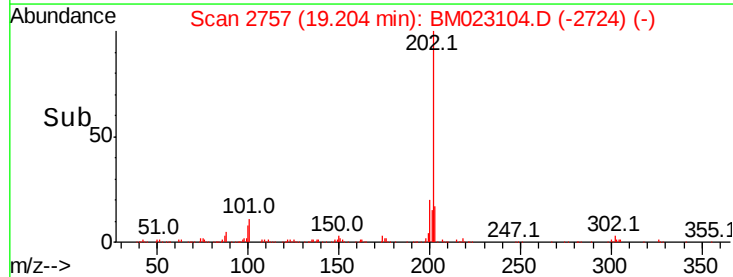
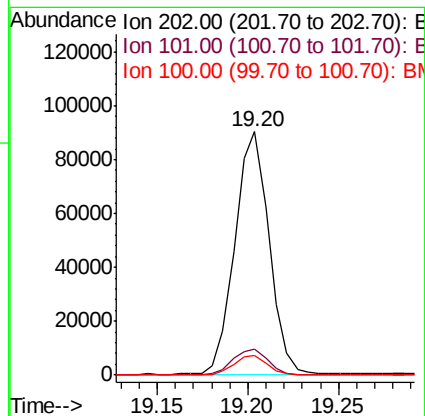
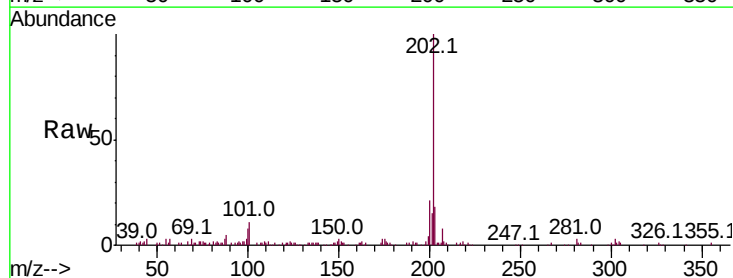
Instrument :
 BNA_M
 ClientSampleId :

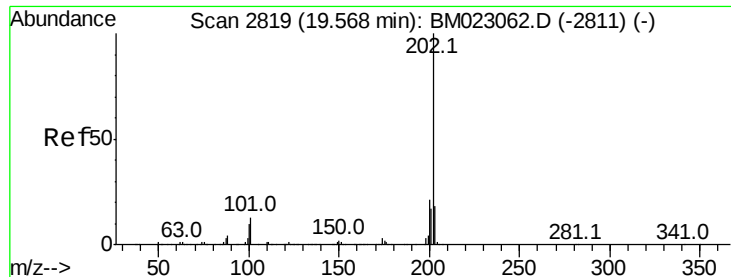
Tot Ion	Ratio	Lower	Upper
178	100		
179	16.4	12.4	18.6
176	19.1	15.3	22.9



#77
 Fluoranthene
 Concen: 2.381 ng/ul
 RT: 19.20 min Scan# 2757
 Delta R.T. -0.01 min
 Lab File: BM023104.D
 Acq: 10 Oct 2019 04:42

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.7	8.6	12.8
100	8.1	6.4	9.6

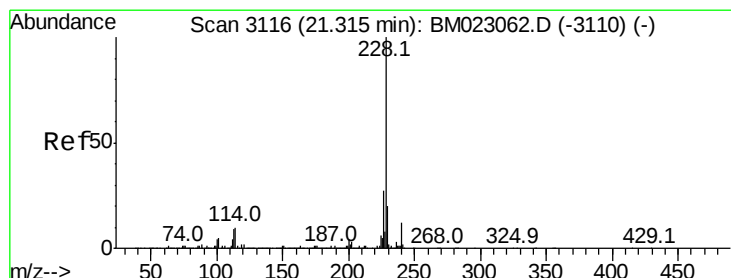
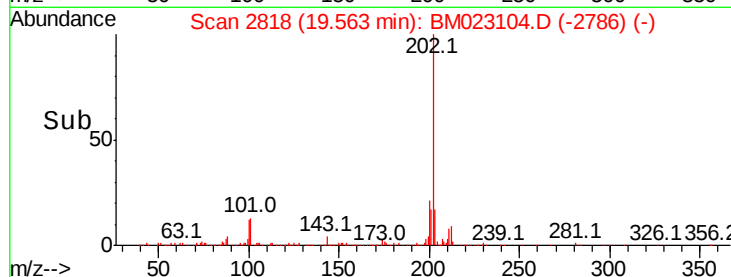
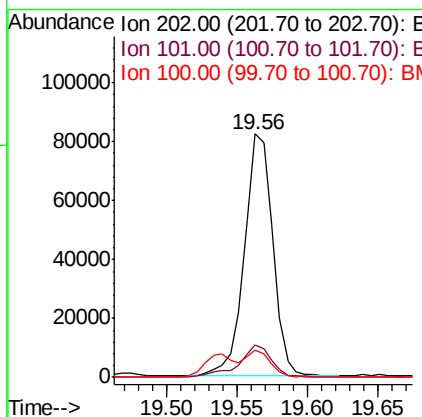
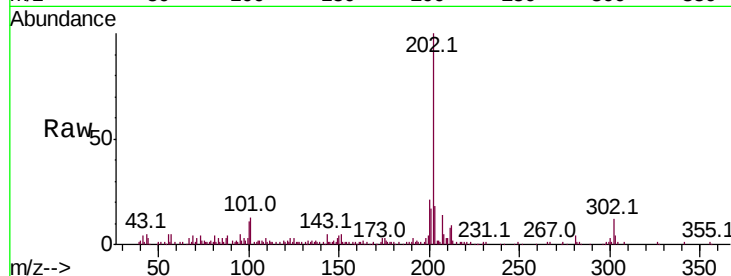




#80
Pvrene
Concen: 2.233 ng/ul
RT: 19.56 min Scan# 2818
Delta R.T. -0.01 min
Lab File: BM023104.D
Acq: 10 Oct 2019 04:42

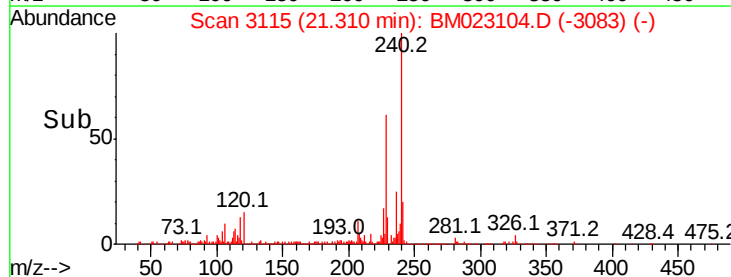
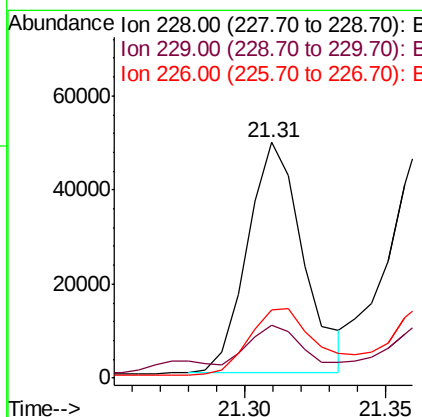
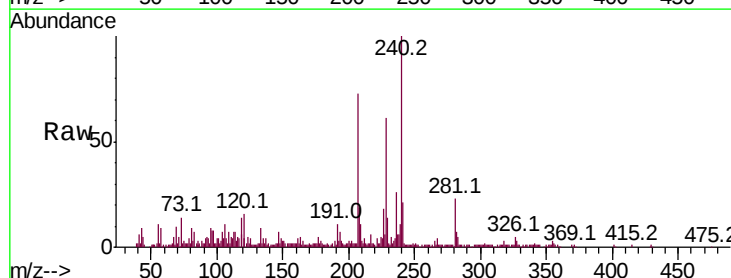
Instrument :
BNA_M
ClientSampleId :

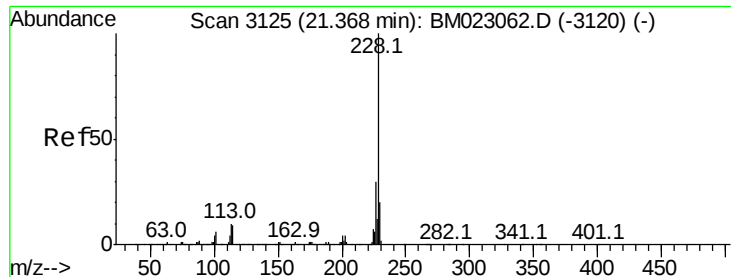
Tot Ion	Ratio	Lower	Upper
202	100		
101	13.3	9.7	14.5
100	11.4	7.8	11.8



#83
Benzo(a)anthracene
Concen: 1.273 ng/ul
RT: 21.31 min Scan# 3115
Delta R.T. -0.01 min
Lab File: BM023104.D
Acq: 10 Oct 2019 04:42

Tgt Ion	Ratio	Lower	Upper
228	100		
229	22.5	15.8	23.8
226	28.9	22.4	33.6





#85

Chrysene

Concen: 1.449 ng/ul

RT: 21.36 min Scan# 3124

Delta R.T. -0.01 min

Lab File: BM023104.D

Acq: 10 Oct 2019 04:42

Instrument :

BNA_M

ClientSampleId :

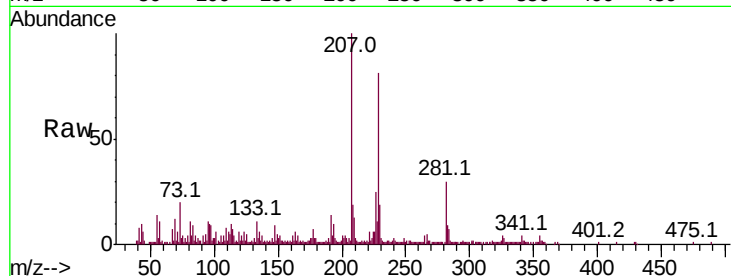
Tot Ion:228 Resp: 70621

Ion Ratio Lower Upper

228 100

226 30.5 24.2 36.4

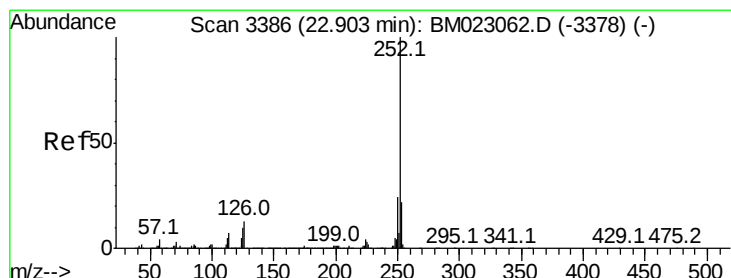
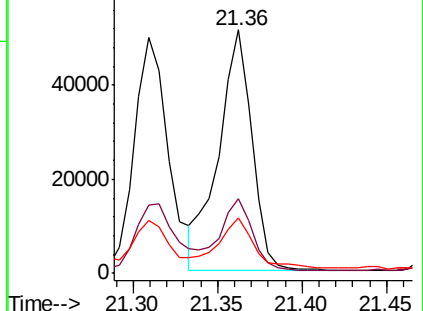
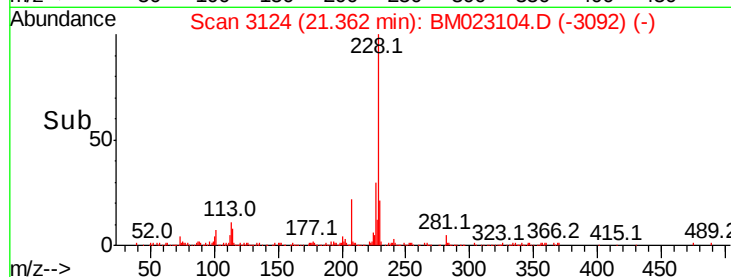
229 22.9 15.9 23.9



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: 1.788 ng/ul

RT: 22.90 min Scan# 3385

Delta R.T. -0.01 min

Lab File: BM023104.D

Acq: 10 Oct 2019 04:42

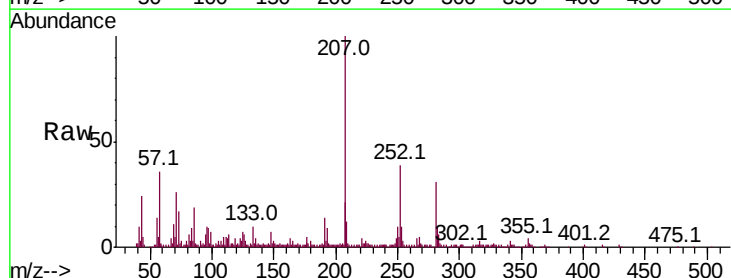
Tgt Ion:252 Resp: 105655

Ion Ratio Lower Upper

252 100

253 25.7 17.7 26.5

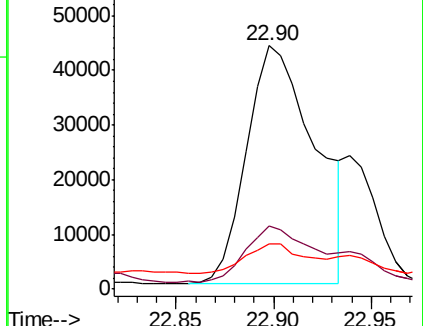
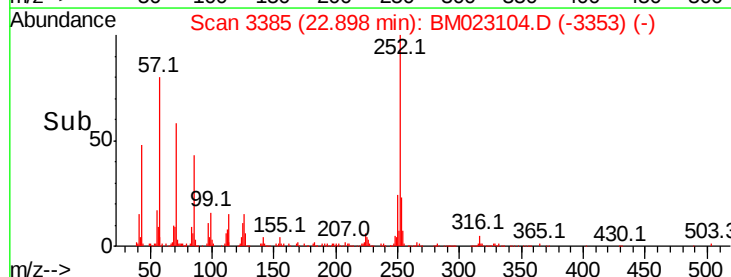
125 18.8 8.2 12.2#

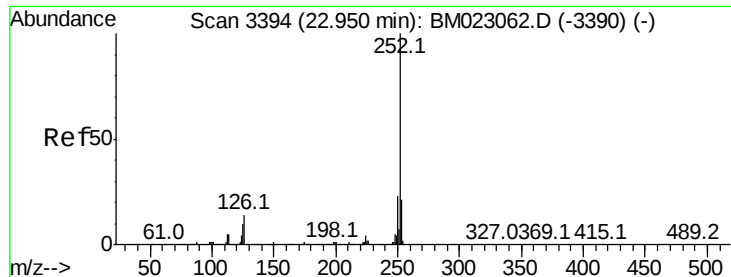


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 1.869 ng/ul

RT: 22.90 min Scan# 3385

Delta R.T. -0.06 min

Lab File: BM023104.D

Acq: 10 Oct 2019 04:42

Instrument :

BNA_M

ClientSampleId :

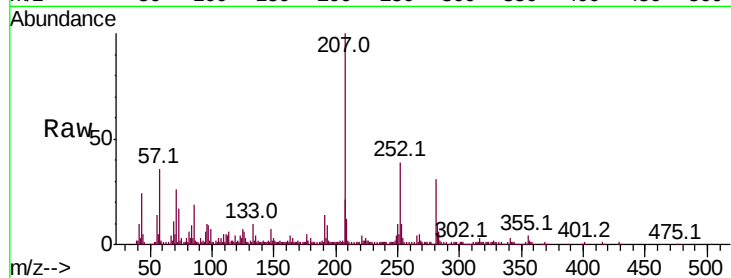
Tot Ion:252 Resp: 105655

Ion Ratio Lower Upper

252 100

253 25.7 17.5 26.3

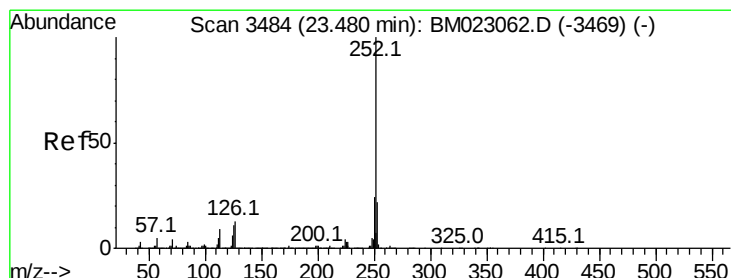
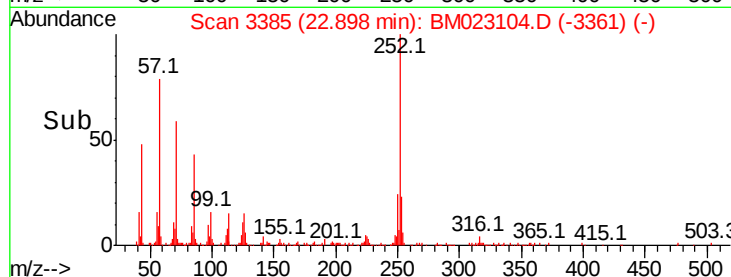
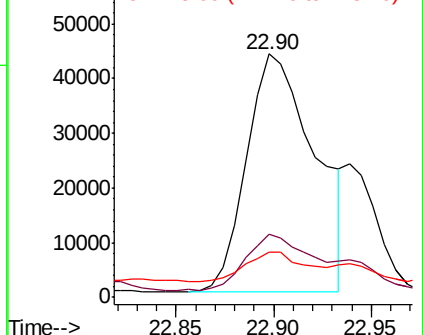
125 18.8 7.9 11.9#



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



#91

Benzo(a)pyrene

Concen: 1.305 ng/ul

RT: 23.47 min Scan# 3483

Delta R.T. -0.02 min

Lab File: BM023104.D

Acq: 10 Oct 2019 04:42

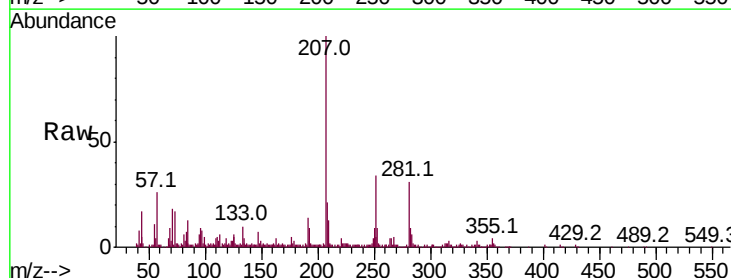
Tgt Ion:252 Resp: 72359

Ion Ratio Lower Upper

252 100

253 26.4 17.6 26.4

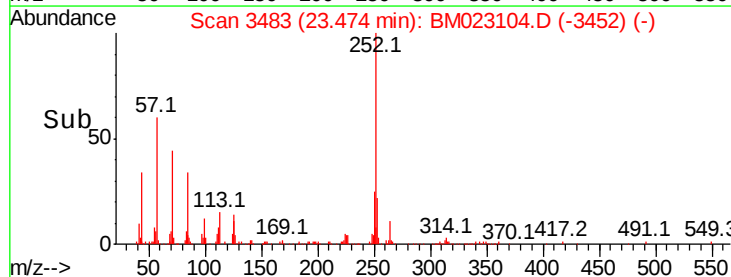
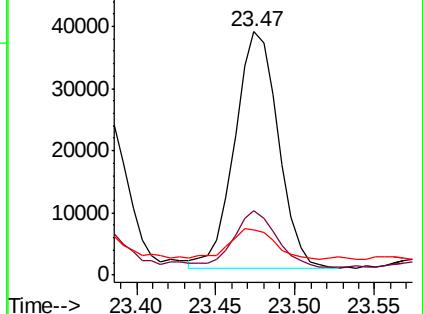
125 18.4 8.7 13.1#

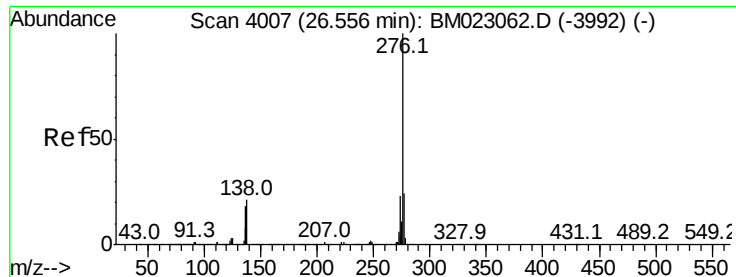


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#94

Benzo(a,h,i)perylene

Concen: 1.043 ng/ul

RT: 26.54 min Scan# 4004

Delta R.T. -0.03 min

Lab File: BM023104.D

Acq: 10 Oct 2019 04:42

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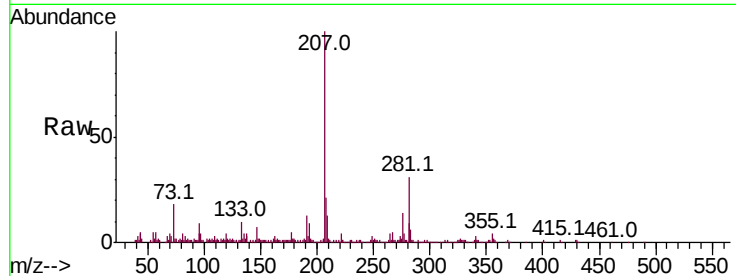
Tot Ion:276 Resp: 49547

Ion Ratio Lower Upper

276 100

138 24.3 17.6 26.4

277 28.4 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

