

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100819\
 Data File : BM023050.D
 Acq On : 08 Oct 2019 17:59
 Operator : JU
 Sample : K5056-17
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 09 02:00:13 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	197169	20.00	ng/ul	0.00
18) Naphthalene-d8	10.56	136	819120	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.41	164	477640	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.15	188	933449	20.00	ng/ul	0.00
78) Chrysene-d12	21.33	240	945209	20.00	ng/ul	0.00
86) Perylene-d12	23.59	264	1112624	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.26	96	16066	3.52	ng/uL	0.00
5) Phenol-d5	6.94	99	292717	16.80	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.11	67	171778	18.02	ng/ul	0.00
9) 2-Chlorophenol-d4	7.31	132	243127	17.33	ng/ul	0.00
13) 4-Methylphenol-d8	8.47	113	201960	14.16	ng/ul	0.00
19) Nitrobenzene-d5	8.93	128	112655	17.82	ng/ul	0.00
22) 2-Nitrophenol-d4	9.65	143	118525	17.17	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.19	165	223534	16.26	ng/ul	0.00
29) 4-Chloroaniline-d4	10.70	131	290444	17.39	ng/ul	0.00
44) Dimethylphthalate-d6	13.82	166	655078	17.67	ng/ul	0.00
47) Acenaphthylene-d8	14.10	160	781904	18.27	ng/ul	0.00
52) 4-Nitrophenol-d4	14.60	143	91549	12.50	ng/ul	0.00
58) Fluorene-d10	15.40	176	572795	18.13	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.52	200	69044	11.37	ng/ul	0.00
71) Anthracene-d10	17.25	188	828688	18.18	ng/ul	0.00
79) Pyrene-d10	19.54	212	1047708	20.59	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.44	264	1190886	20.69	ng/ul	0.00

Target Compounds

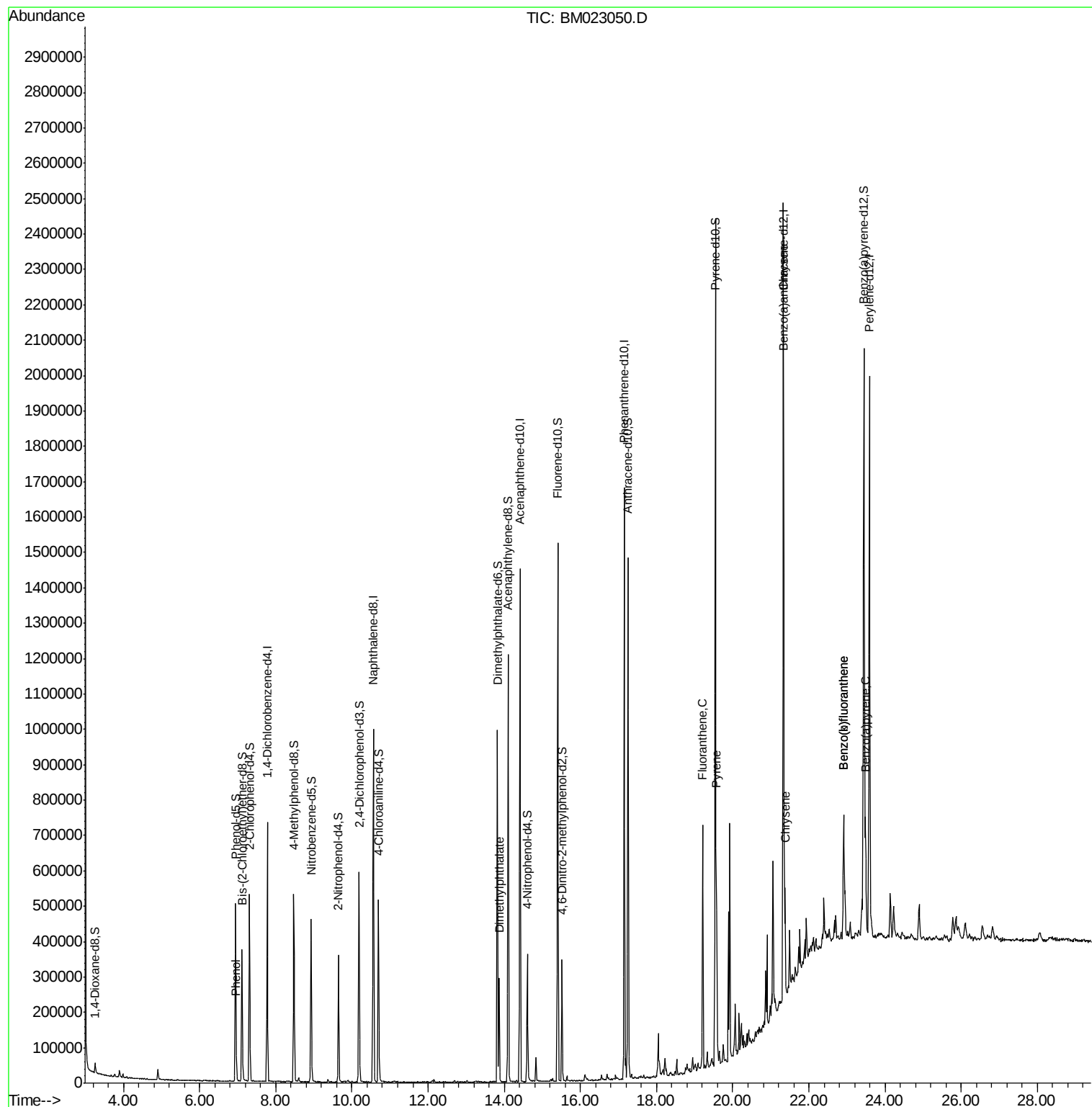
					Ovalue
6) Phenol	6.97	94	25050	1.372 ng/ul	95
45) Dimethylphthalate	13.87	163	186184	4.889 ng/ul	99
77) Fluoranthene	19.21	202	377757	6.029 ng/ul	98
80) Pyrene	19.57	202	398249	5.944 ng/ul	98
83) Benzo(a)anthracene	21.32	228	217452	3.204 ng/ul	99
85) Chrysene	21.37	228	174718	2.792 ng/ul	100
88) Benzo(b)fluoranthene	22.91	252	193983	2.627 ng/ul#	97
89) Benzo(k)fluoranthene	22.91	252	193983	2.746 ng/ul#	96
91) Benzo(a)pyrene	23.49	252	138476	1.999 ng/ul	96

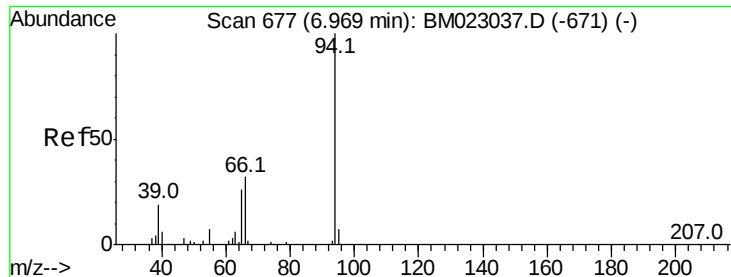
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 1.372 ng/ul

RT: 6.97 min Scan# 677

Delta R.T. -0.00 min

Lab File: BM023050.D

Acq: 08 Oct 2019 17:59

Instrument :

BNA_M

ClientSampleId :

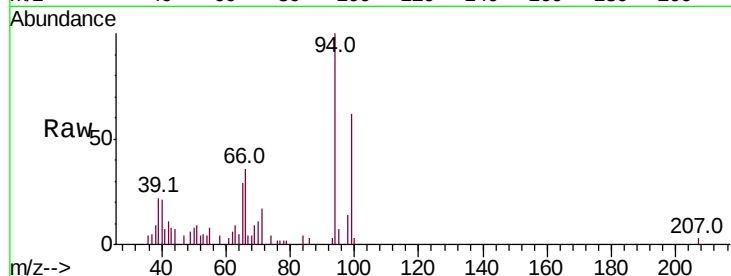
Tot Ion: 94 Resp: 25050

Ion Ratio Lower Upper

94 100

65 28.9 20.9 31.3

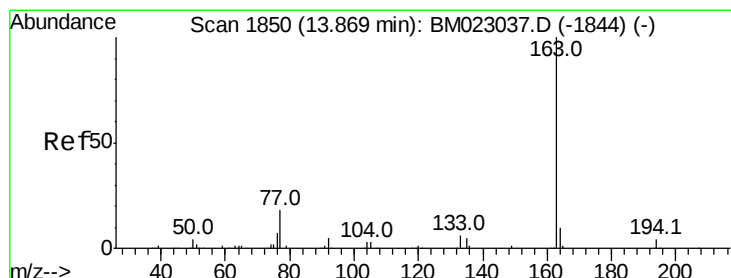
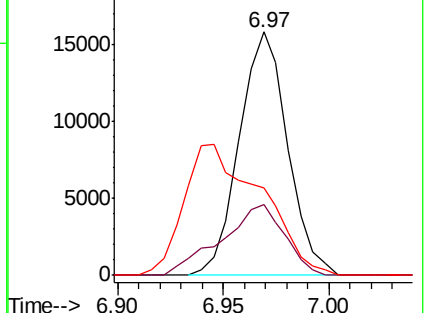
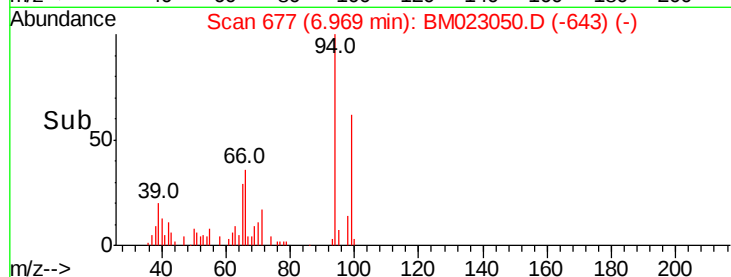
66 36.2 27.2 40.8



Abundance Ion 94.00 (93.70 to 94.70): BM023037.D (-671) (-)

Ion 65.00 (64.70 to 65.70): BM023037.D (-671) (-)

Ion 66.00 (65.70 to 66.70): BM023037.D (-671) (-)



#45

Dimethylphthalate

Concen: 4.889 ng/ul

RT: 13.87 min Scan# 1850

Delta R.T. -0.00 min

Lab File: BM023050.D

Acq: 08 Oct 2019 17:59

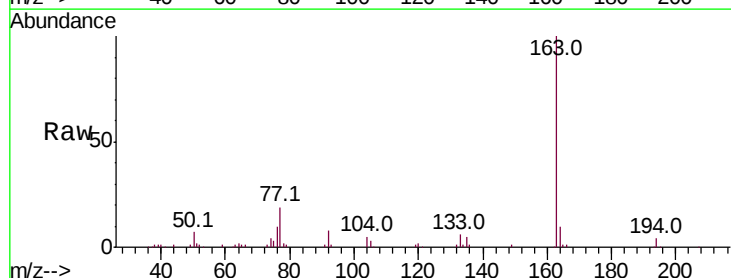
Tgt Ion:163 Resp: 186184

Ion Ratio Lower Upper

163 100

194 4.1 3.4 5.0

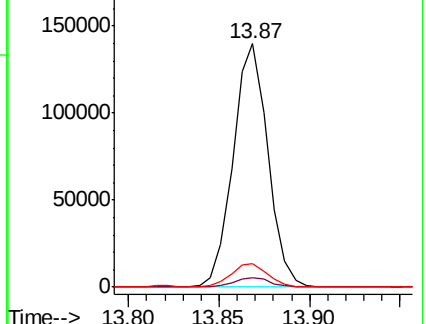
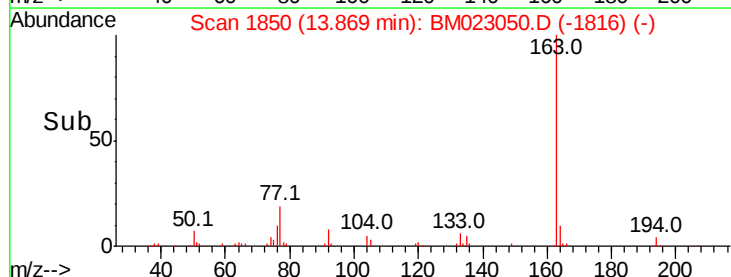
164 9.8 8.1 12.1

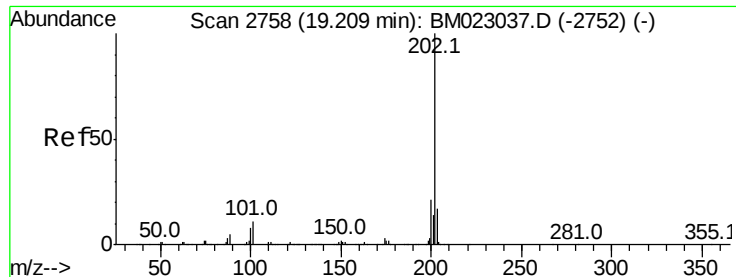


Abundance Ion 163.00 (162.70 to 163.70): BM023037.D (-1844) (-)

Ion 194.00 (193.70 to 194.70): BM023037.D (-1844) (-)

Ion 164.00 (163.70 to 164.70): BM023037.D (-1844) (-)





#77

Fluoranthene

Concen: 6.029 ng/ul

RT: 19.21 min Scan# 2758

Delta R.T. -0.00 min

Lab File: BM023050.D

Acq: 08 Oct 2019 17:59

Instrument :

BNA_M

ClientSampleId :

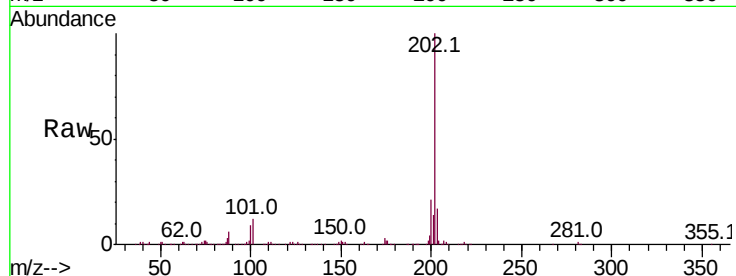
Tot Ion:202 Resp: 377757

Ion Ratio Lower Upper

202 100

101 11.6 8.6 12.8

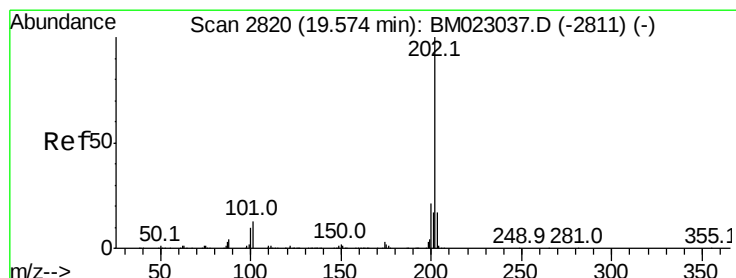
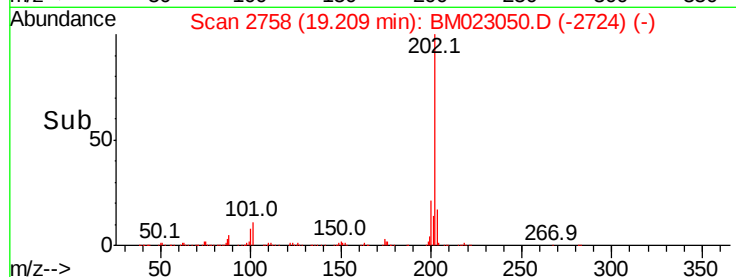
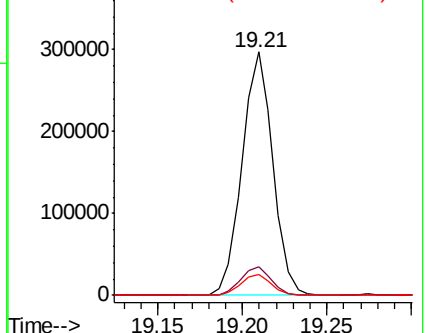
100 8.5 6.4 9.6



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: 5.944 ng/ul

RT: 19.57 min Scan# 2820

Delta R.T. -0.00 min

Lab File: BM023050.D

Acq: 08 Oct 2019 17:59

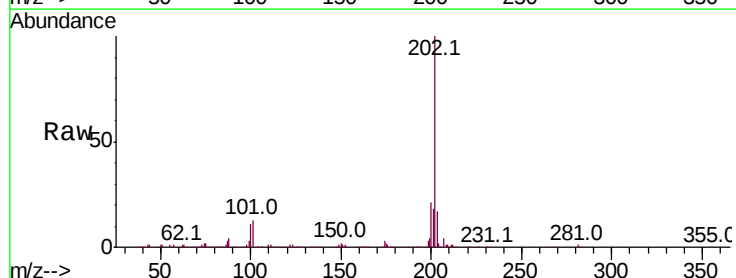
Tgt Ion:202 Resp: 398249

Ion Ratio Lower Upper

202 100

101 12.9 9.7 14.5

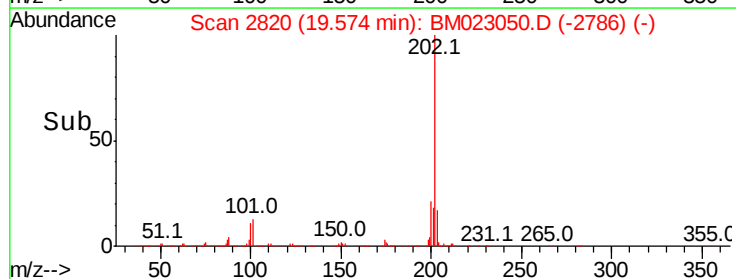
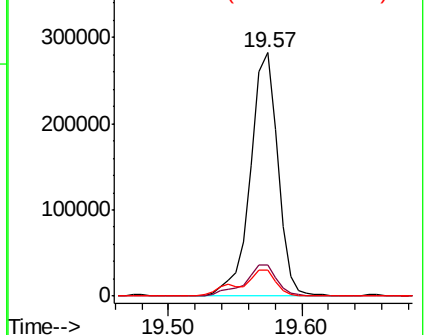
100 10.8 7.8 11.8

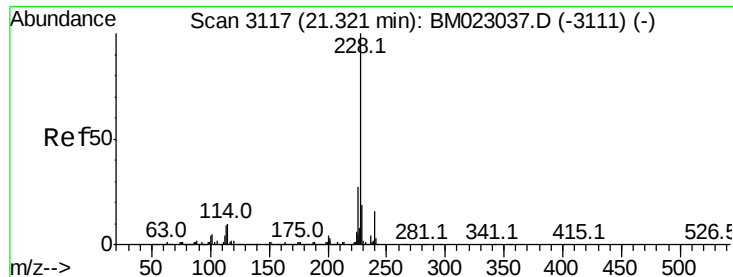


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#83

Benzo(a)anthracene

Concen: 3.204 ng/ul

RT: 21.32 min Scan# 3117

Delta R.T. -0.00 min

Lab File: BM023050.D

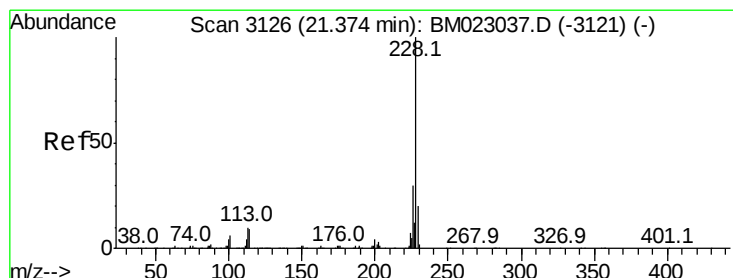
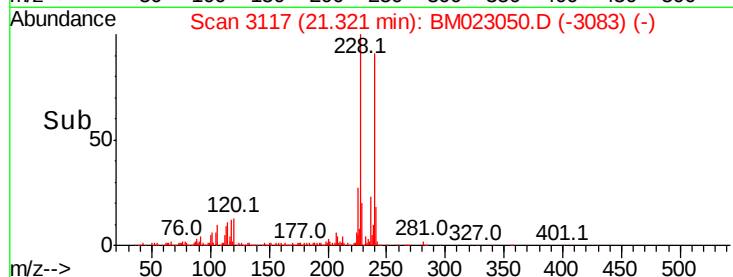
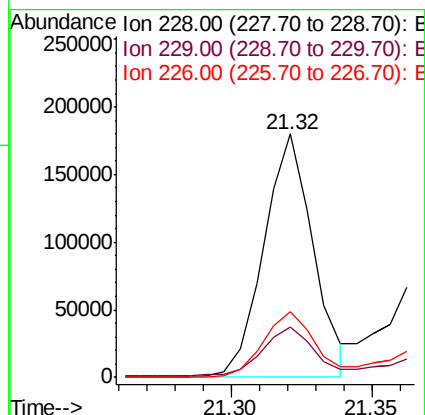
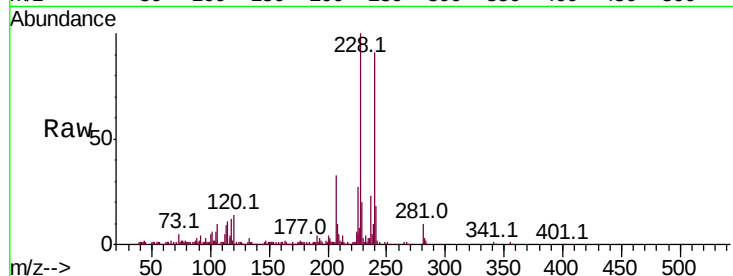
Acq: 08 Oct 2019 17:59

Instrument :

BNA_M

ClientSampled :

Tot Ion:228	Resp:	217452
Ion	Ratio	Lower Upper
228	100	
229	20.4	15.8 23.8
226	27.2	22.4 33.6



#85

Chrysene

Concen: 2.792 ng/ul

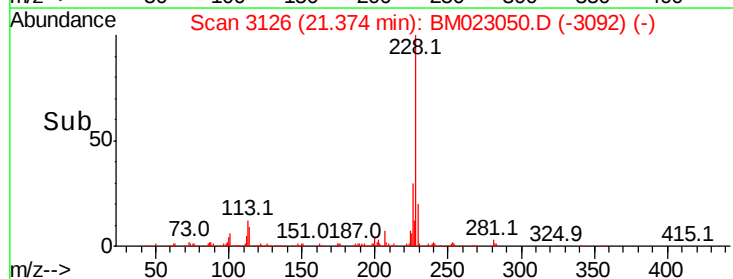
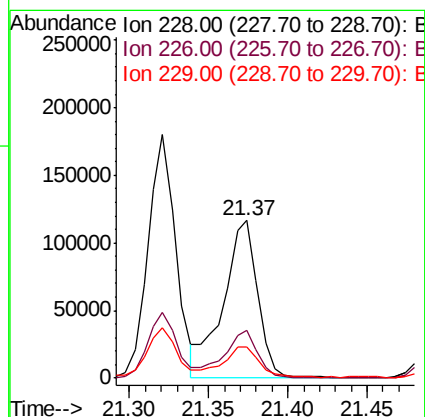
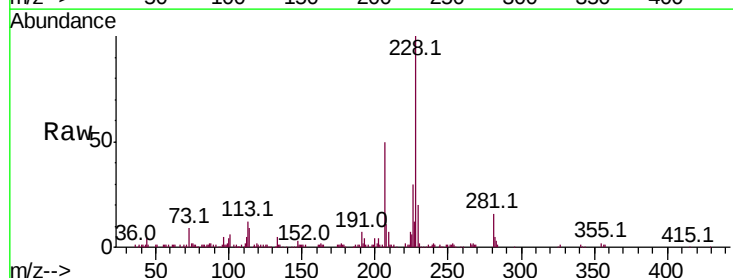
RT: 21.37 min Scan# 3126

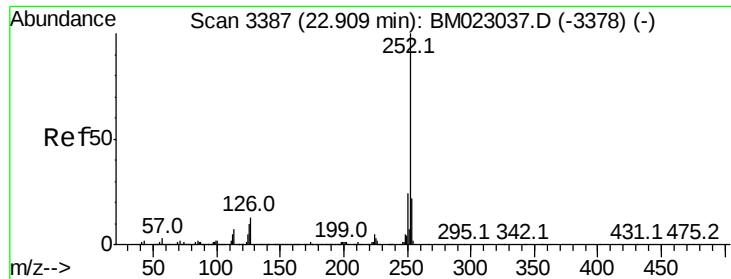
Delta R.T. -0.00 min

Lab File: BM023050.D

Acq: 08 Oct 2019 17:59

Tgt Ion:228	Resp:	174718
Ion	Ratio	Lower Upper
228	100	
226	30.1	24.2 36.4
229	20.0	15.9 23.9





#88

Benzo(b)fluoranthene

Concen: 2.627 ng/ul

RT: 22.91 min Scan# 3387

Delta R.T. -0.00 min

Lab File: BM023050.D

Acq: 08 Oct 2019 17:59

Instrument :

BNA_M

ClientSampleId :

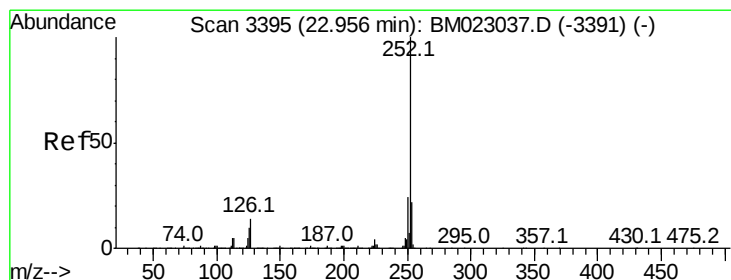
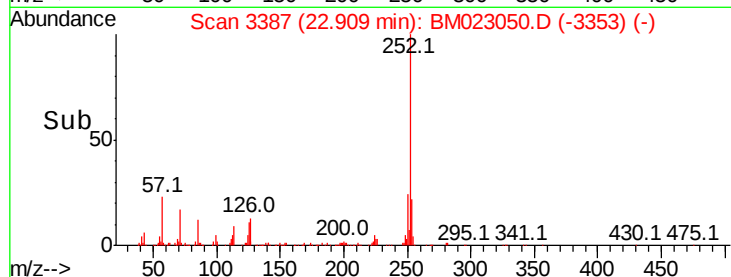
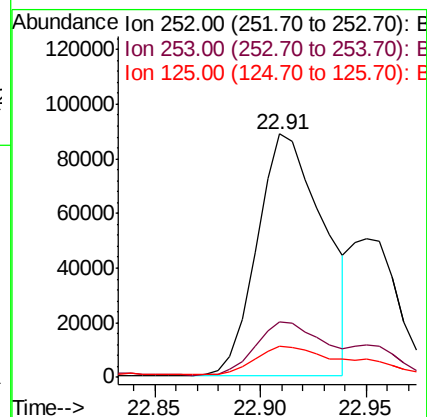
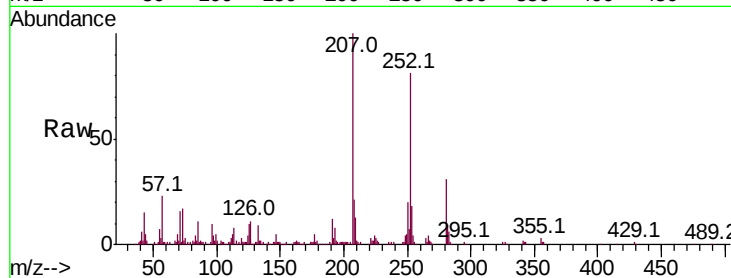
Tot Ion:252 Resp: 193983

Ion Ratio Lower Upper

252 100

253 22.8 17.7 26.5

125 12.7 8.2 12.2#



#89

Benzo(k)fluoranthene

Concen: 2.746 ng/ul

RT: 22.91 min Scan# 3387

Delta R.T. -0.05 min

Lab File: BM023050.D

Acq: 08 Oct 2019 17:59

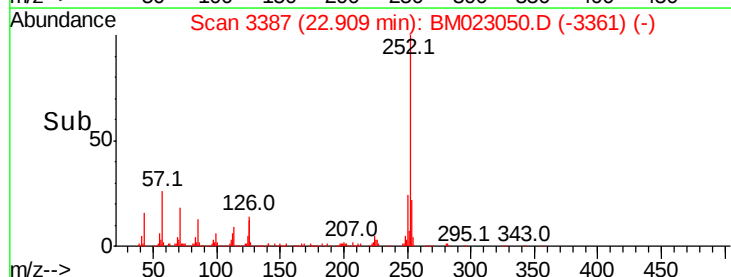
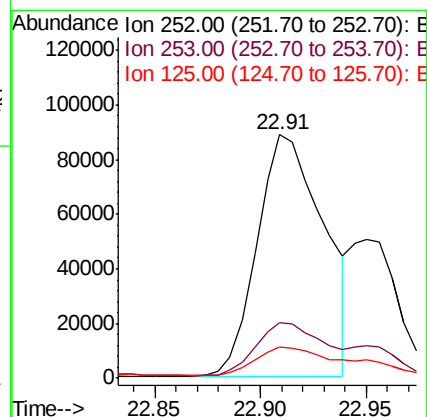
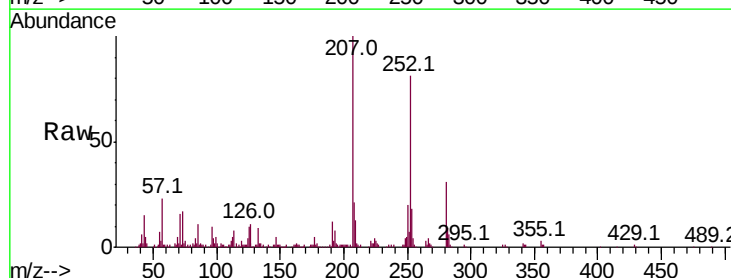
Tgt Ion:252 Resp: 193983

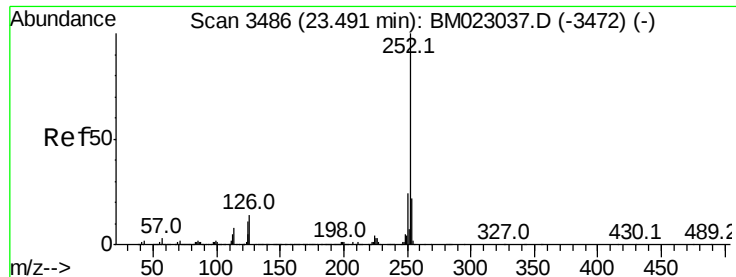
Ion Ratio Lower Upper

252 100

253 22.8 17.5 26.3

125 12.7 7.9 11.9#





#91

Benzo(a)pyrene

Concen: 1.999 ng/ul

RT: 23.49 min Scan# 3486

Delta R.T. -0.00 min

Lab File: BM023050.D

Acq: 08 Oct 2019 17:59

Instrument :

BNA_M

ClientSampleId :

Tot Ion:252 Resp: 138476

Ion Ratio Lower Upper

252 100

253 23.6 17.6 26.4

125 12.8 8.7 13.1

