

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101519\
 Data File : BM023178.D
 Acq On : 15 Oct 2019 22:09
 Operator : JU
 Sample : K5202-07
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 16 06:50:00 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 15 02:28:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	388770	20.00	ng/ul	0.00
18) Naphthalene-d8	10.47	136	1676827	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.33	164	1093659	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.07	188	2338664	20.00	ng/ul	-0.01
78) Chrysene-d12	21.26	240	2434309	20.00	ng/ul	-0.01
86) Perylene-d12	23.47	264	2336041	20.00	ng/ul	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	3.20	96	27333	3.09	ng/uL	0.00
5) Phenol-d5	6.86	99	527933	15.59	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.03	67	324011	16.91	ng/ul	0.00
9) 2-Chlorophenol-d4	7.22	132	421631	16.27	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	409660	15.06	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	195269	17.21	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	187677	17.37	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	436887	15.90	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	505646	15.13	ng/ul	0.00
44) Dimethylphthalate-d6	13.74	166	1492707	17.81	ng/ul	0.00
47) Acenaphthylene-d8	14.02	160	1736070	17.66	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.51	143	122638	9.04	ng/ul	-0.01
58) Fluorene-d10	15.32	176	1303547	18.26	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.43	200	79025	8.52	ng/ul	-0.01
71) Anthracene-d10	17.17	188	2057536	18.25	ng/ul	-0.01
79) Pyrene-d10	19.46	212	2564576	21.75	ng/ul	-0.01
90) Benzo(a)pyrene-d12	23.33	264	2418708	20.43	ng/ul	-0.02

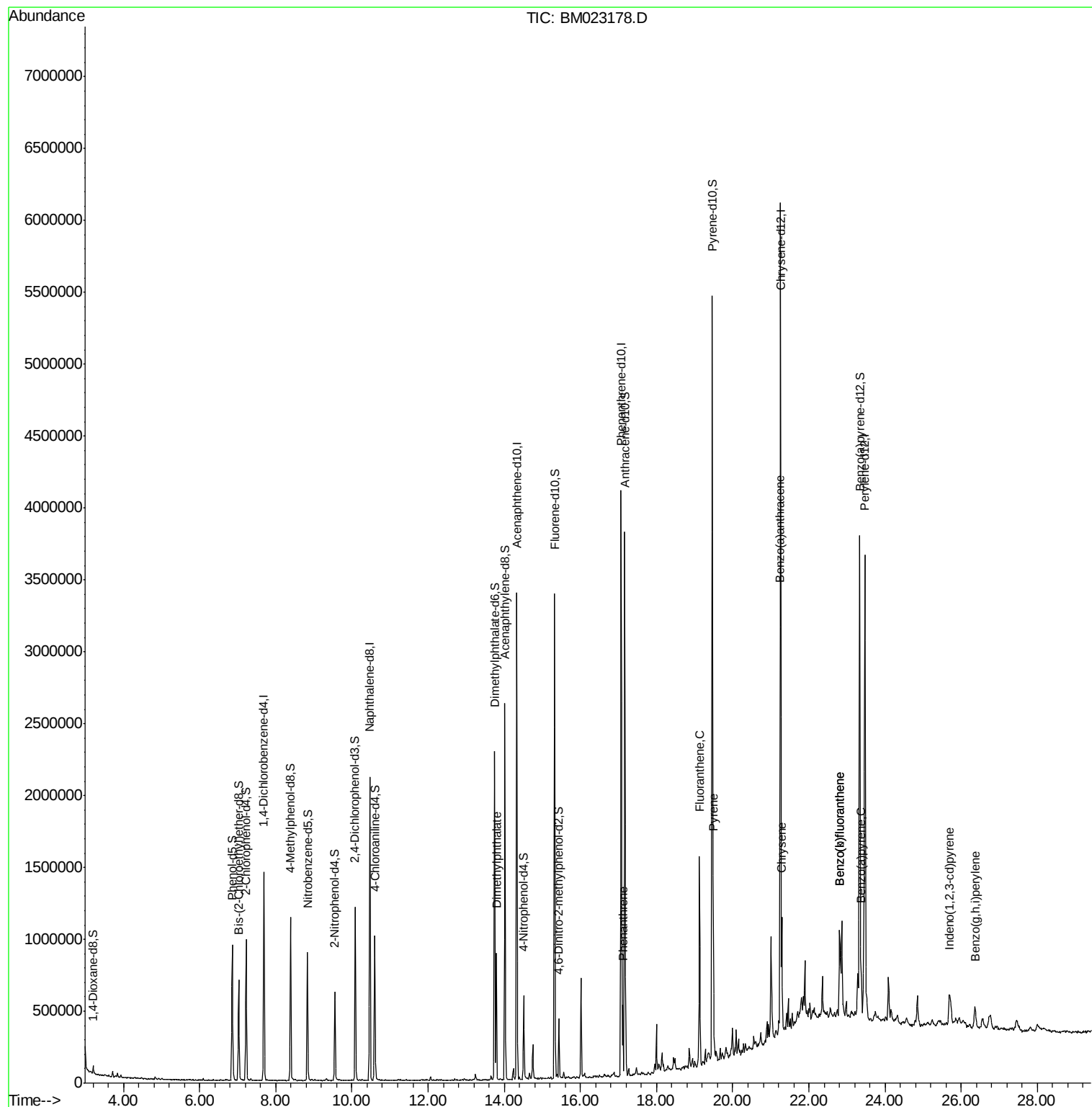
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
45) Dimethylphthalate	13.79	163	561359	6.692	ng/ul	100
70) Phenanthrene	17.11	178	280234	2.135	ng/ul	99
77) Fluoranthene	19.13	202	870642	5.578	ng/ul	98
80) Pyrene	19.49	202	725439	4.757	ng/ul	98
83) Benzo(a)anthracene	21.24	228	410707	2.490	ng/ul	98
85) Chrysene	21.29	228	422364	2.758	ng/ul	97
88) Benzo(b)fluoranthene	22.81	252	536918	3.791	ng/ul#	97
89) Benzo(k)fluoranthene	22.81	252	536918	3.948	ng/ul#	96
91) Benzo(a)pyrene	23.37	252	338989	2.495	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.69	276	201768	1.248	ng/ul	95
94) Benzo(g,h,i)perylene	26.36	276	179879	1.351	ng/ul	97

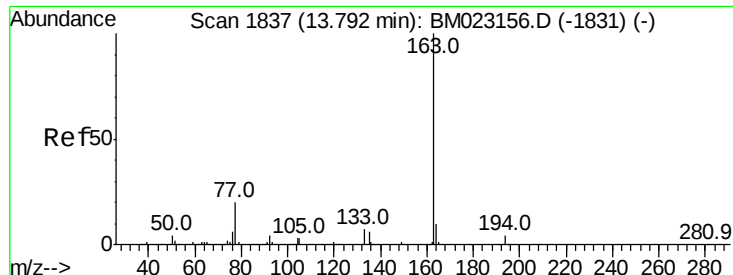
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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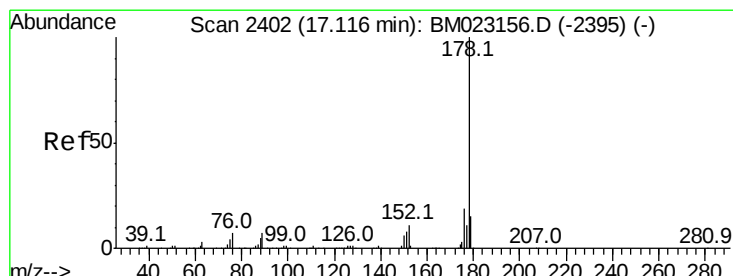
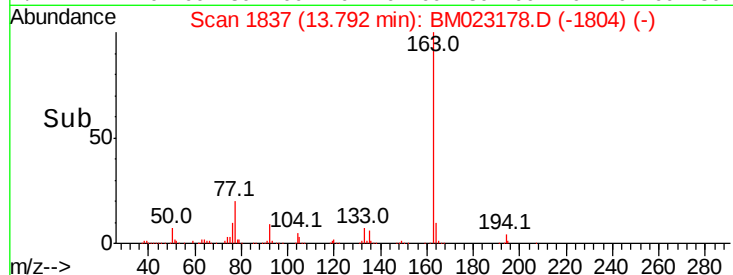
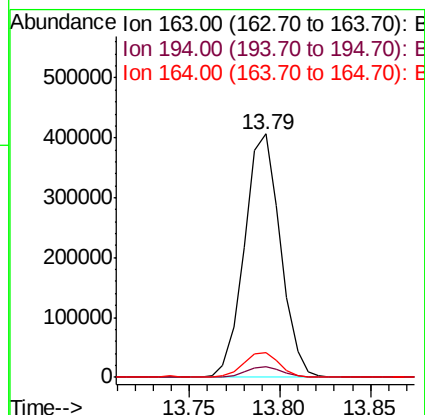
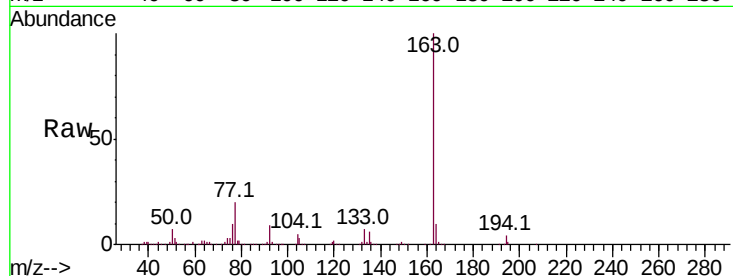




#45
 Dimethylphthalate
 Concen: 6.692 ng/ul
 RT: 13.79 min Scan# 1837
 Delta R.T. -0.01 min
 Lab File: BM023178.D
 Acq: 15 Oct 2019 22:09

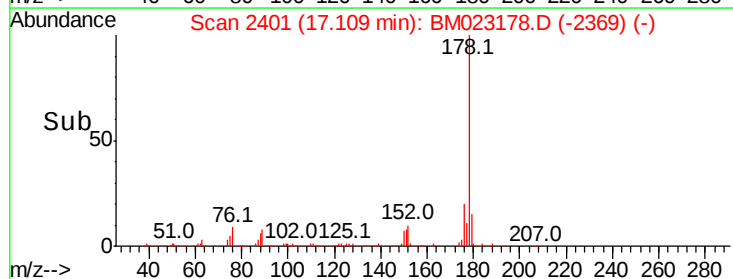
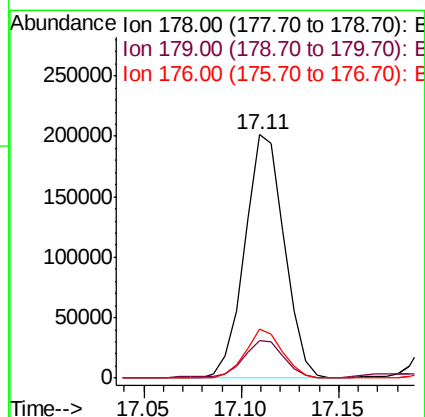
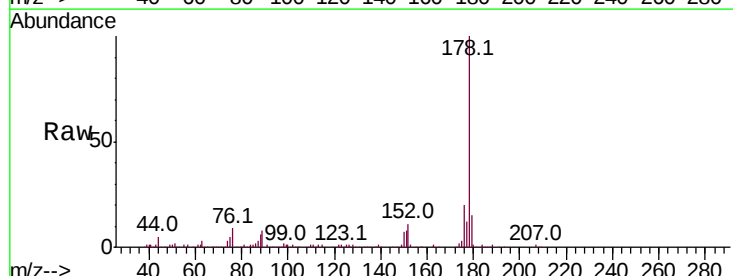
Instrument :
 BNA_M
 ClientSampleId :

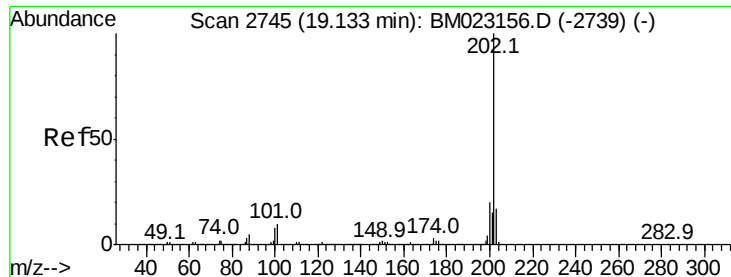
Tot Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.5	5.3
164	9.9	8.0	12.0



#70
 Phenanthrene
 Concen: 2.135 ng/ul
 RT: 17.11 min Scan# 2401
 Delta R.T. -0.01 min
 Lab File: BM023178.D
 Acq: 15 Oct 2019 22:09

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.3	18.5
176	19.9	15.5	23.3





#77

Fluoranthene

Concen: 5.578 ng/ul

RT: 19.13 min Scan# 2744

Delta R.T. -0.01 min

Lab File: BM023178.D

Acq: 15 Oct 2019 22:09

Instrument :

BNA_M

ClientSampleId :

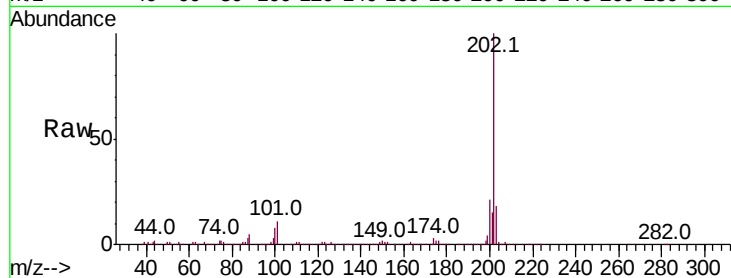
Tot Ion:202 Resp: 870642

Ion Ratio Lower Upper

202 100

101 10.7 7.8 11.8

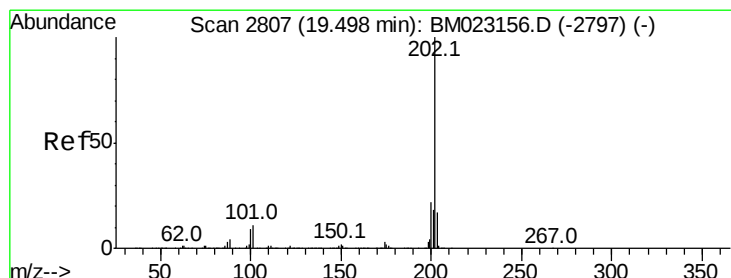
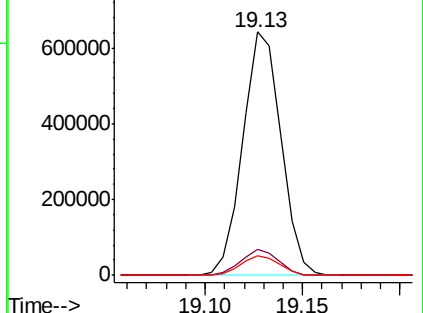
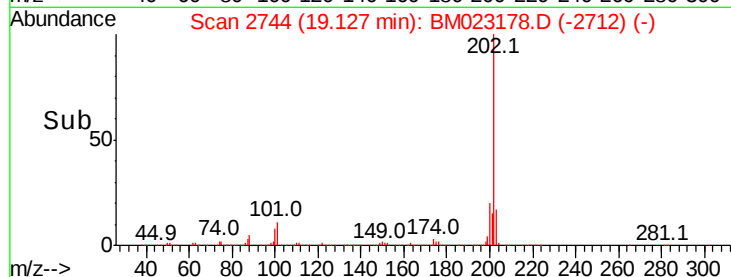
100 8.0 6.1 9.1



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: 4.757 ng/ul

RT: 19.49 min Scan# 2806

Delta R.T. -0.01 min

Lab File: BM023178.D

Acq: 15 Oct 2019 22:09

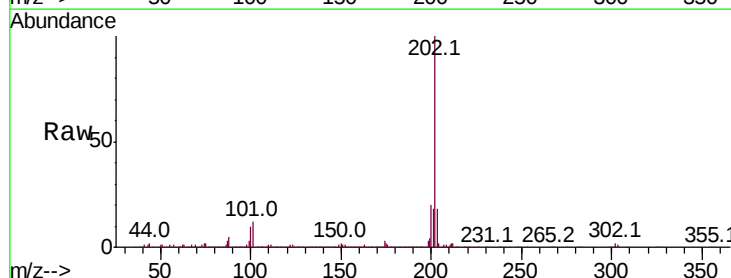
Tgt Ion:202 Resp: 725439

Ion Ratio Lower Upper

202 100

101 12.0 9.1 13.7

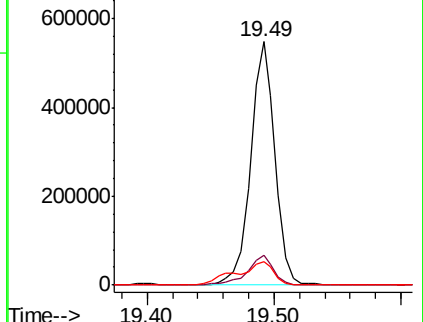
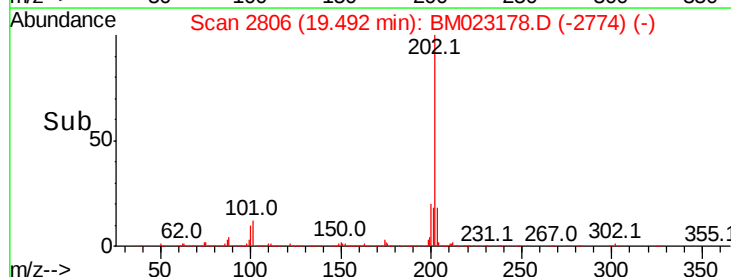
100 9.9 7.5 11.3

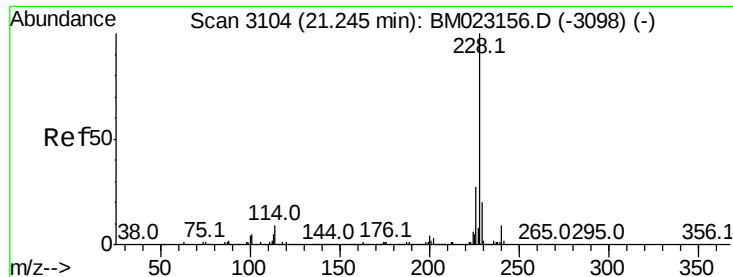


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

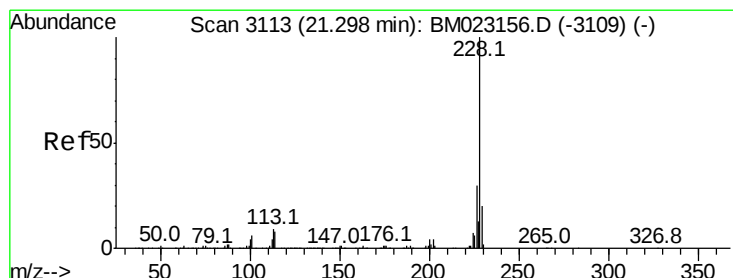
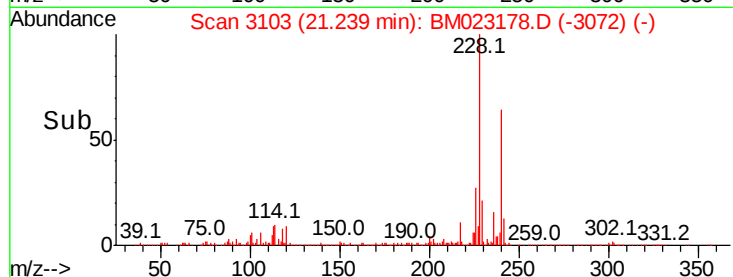
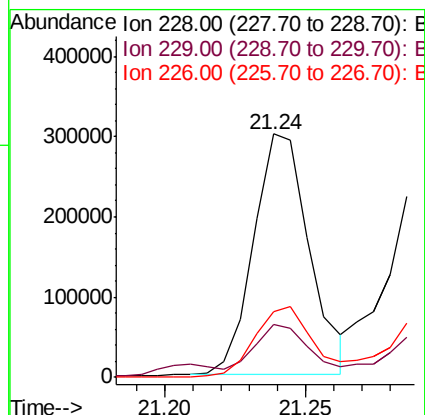
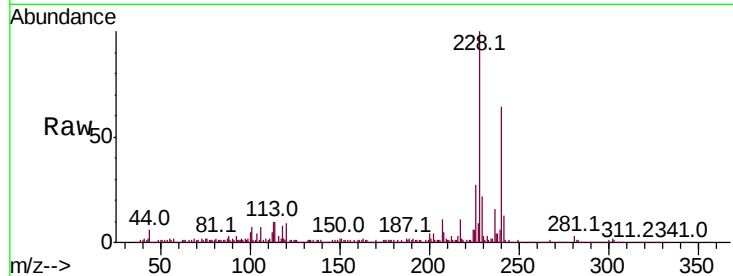




#83
Benzo(a)anthracene
Concen: 2.490 ng/ul
RT: 21.24 min Scan# 3103
Delta R.T. -0.02 min
Lab File: BM023178.D
Acq: 15 Oct 2019 22:09

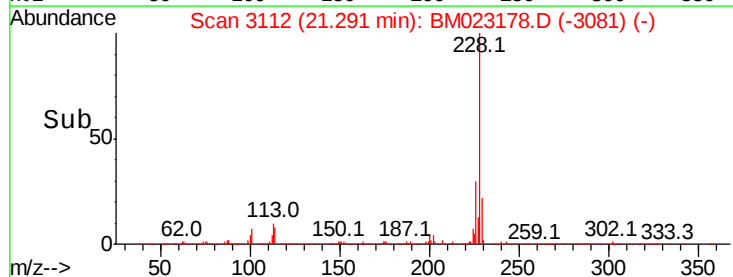
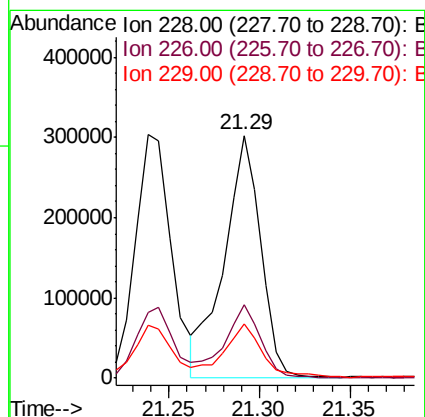
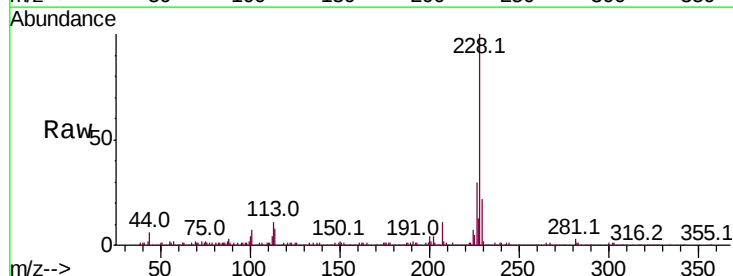
Instrument :
BNA_M
ClientSampleId :

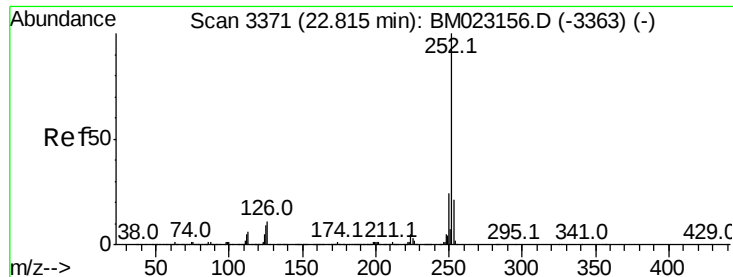
Tot Ion:228 Resp: 410707
Ion Ratio Lower Upper
228 100
229 21.7 15.7 23.5
226 27.2 21.6 32.4



#85
Chrysene
Concen: 2.758 ng/ul
RT: 21.29 min Scan# 3112
Delta R.T. -0.02 min
Lab File: BM023178.D
Acq: 15 Oct 2019 22:09

Tgt Ion:228 Resp: 422364
Ion Ratio Lower Upper
228 100
226 30.0 23.8 35.6
229 22.4 15.5 23.3

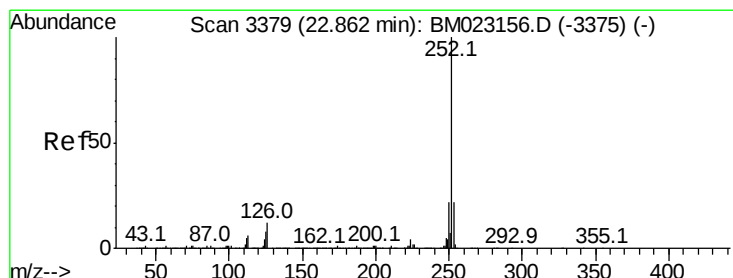
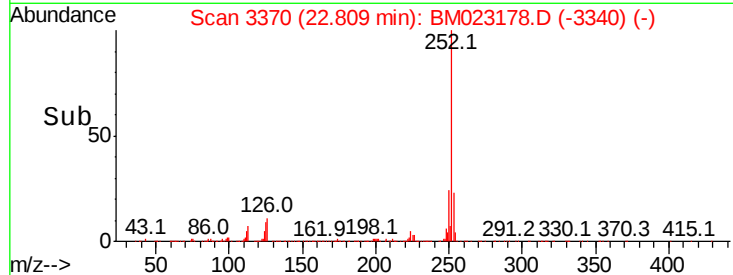
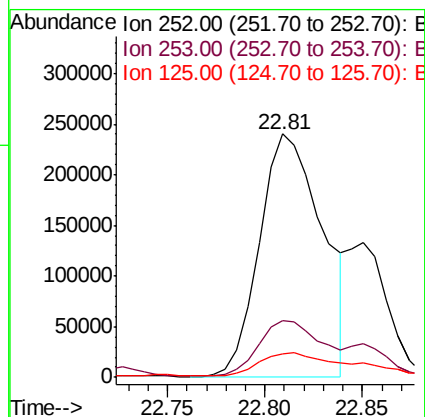
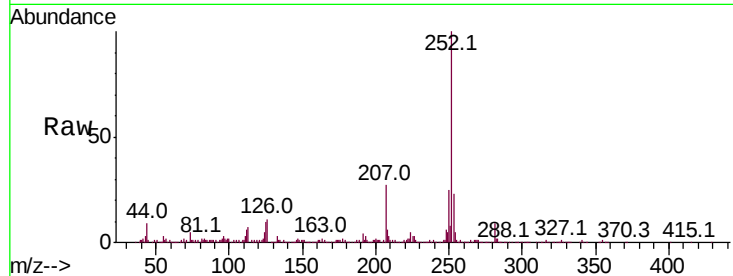




#88
Benzo(b)fluoranthene
Concen: 3.791 ng/ul
RT: 22.81 min Scan# 3370
Delta R.T. -0.02 min
Lab File: BM023178.D
Acq: 15 Oct 2019 22:09

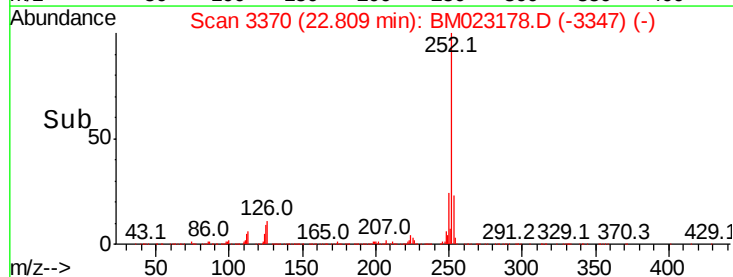
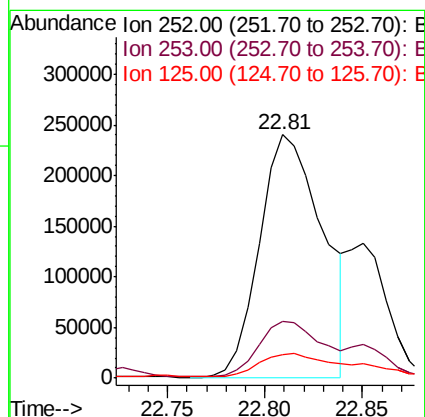
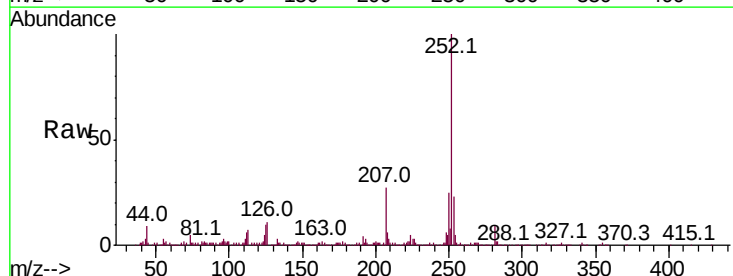
Instrument :
BNA_M
ClientSampleId :

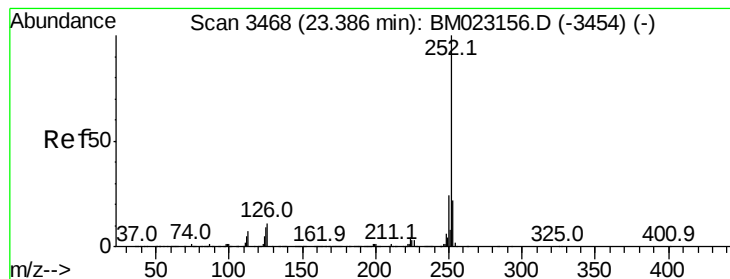
Tot Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.6	26.4
125	9.8	6.4	9.6#



#89
Benzo(k)fluoranthene
Concen: 3.948 ng/ul
RT: 22.81 min Scan# 3370
Delta R.T. -0.06 min
Lab File: BM023178.D
Acq: 15 Oct 2019 22:09

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.4	26.0
125	9.8	6.5	9.7#





#91

Benzo(a)pyrene

Concen: 2.495 ng/ul

RT: 23.37 min Scan# 3466

Delta R.T. -0.02 min

Lab File: BM023178.D

Acq: 15 Oct 2019 22:09

Instrument :

BNA_M

ClientSampled :

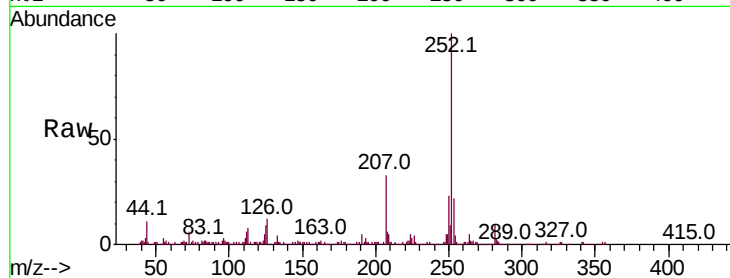
Tot Ion:252 Resp: 338989

Ion Ratio Lower Upper

252 100

253 22.5 17.2 25.8

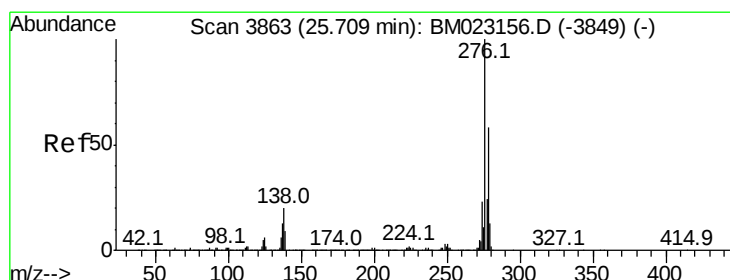
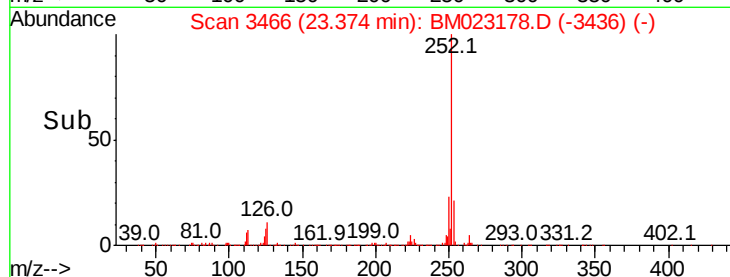
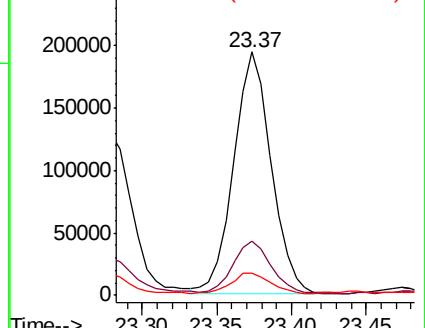
125 9.2 7.4 11.0



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



#92

Indeno(1,2,3-cd)pyrene

Concen: 1.248 ng/ul

RT: 25.69 min Scan# 3860

Delta R.T. -0.04 min

Lab File: BM023178.D

Acq: 15 Oct 2019 22:09

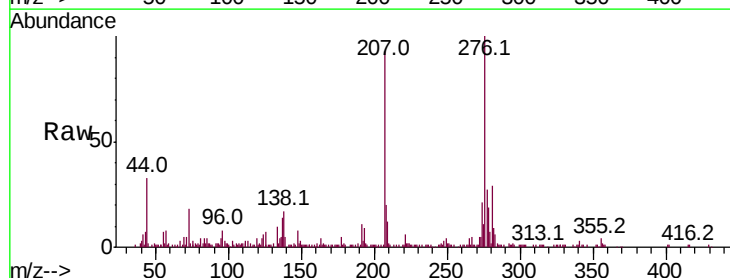
Tgt Ion:276 Resp: 201768

Ion Ratio Lower Upper

276 100

138 16.6 14.9 22.3

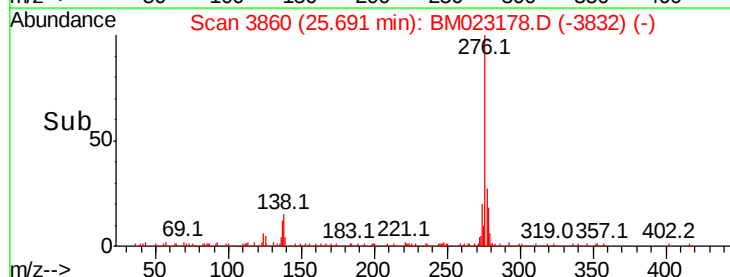
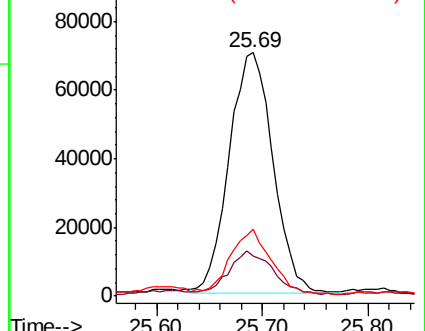
277 27.5 19.8 29.8

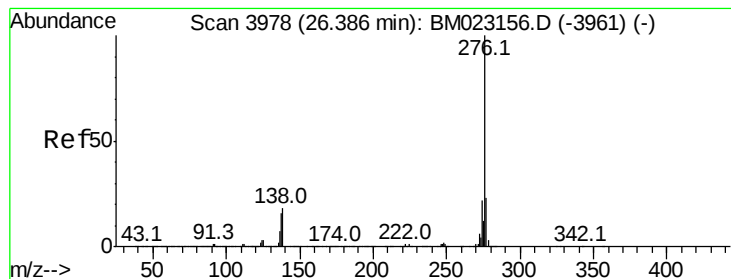


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#94

Benzo(a,h,i)perylene

Concen: 1.351 ng/ul

RT: 26.36 min Scan# 3974

Delta R.T. -0.04 min

Lab File: BM023178.D

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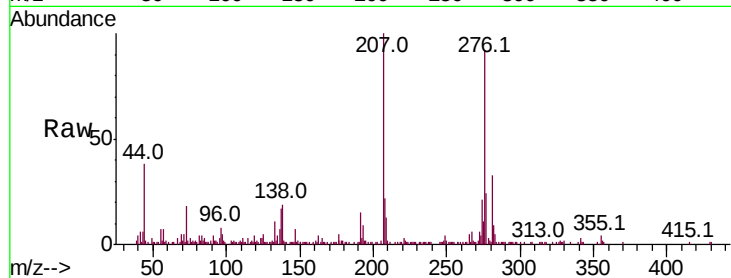
Tot Ion:276 Resp: 179879

Ion Ratio Lower Upper

276 100

138 20.0 14.4 21.6

277 25.6 19.4 29.2



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

