

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060619\
 Data File : BM020777.D
 Acq On : 06 Jun 2019 23:25
 Operator : HP/JU
 Sample : K3201-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jun 07 05:49:50 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jun 07 05:12:28 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	262920	20.00	ng/ul	0.00
18) Naphthalene-d8	10.60	136	1088682	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.45	164	630287	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	1404676	20.00	ng/ul	0.00
77) Chrysene-d12	21.37	240	1281101	20.00	ng/ul	-0.01
85) Perylene-d12	23.65	264	1460864	20.00	ng/ul	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	3.31	96	29201	5.30	ng/uL	0.00
5) Phenol-d5	6.97	99	594726	29.57	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	365660	30.32	ng/ul	0.00
9) 2-Chlorophenol-d4	7.34	132	494500	30.86	ng/ul	0.00
13) 4-Methylphenol-d8	8.51	113	483936	29.90	ng/ul	0.00
19) Nitrobenzene-d5	8.97	128	241856	32.55	ng/ul	0.00
22) 2-Nitrophenol-d4	9.69	143	259866	33.97	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	498084	31.22	ng/ul	0.00
29) 4-Chloroaniline-d4	10.74	131	578075	30.09	ng/ul	0.00
43) Dimethylphthalate-d6	13.86	166	1614571	34.63	ng/ul	0.00
46) Acenaphthylene-d8	14.14	160	1961698	33.18	ng/ul	0.00
51) 4-Nitrophenol-d4	14.64	143	222503	27.81	ng/ul	0.00
57) Fluorene-d10	15.44	176	1342678	33.89	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.56	200	169396	23.58	ng/ul	0.00
70) Anthracene-d10	17.29	188	2021564	32.95	ng/ul	0.00
78) Pyrene-d10	19.59	212	2132635	34.44	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.51	264	2167515	32.64	ng/ul	0.00

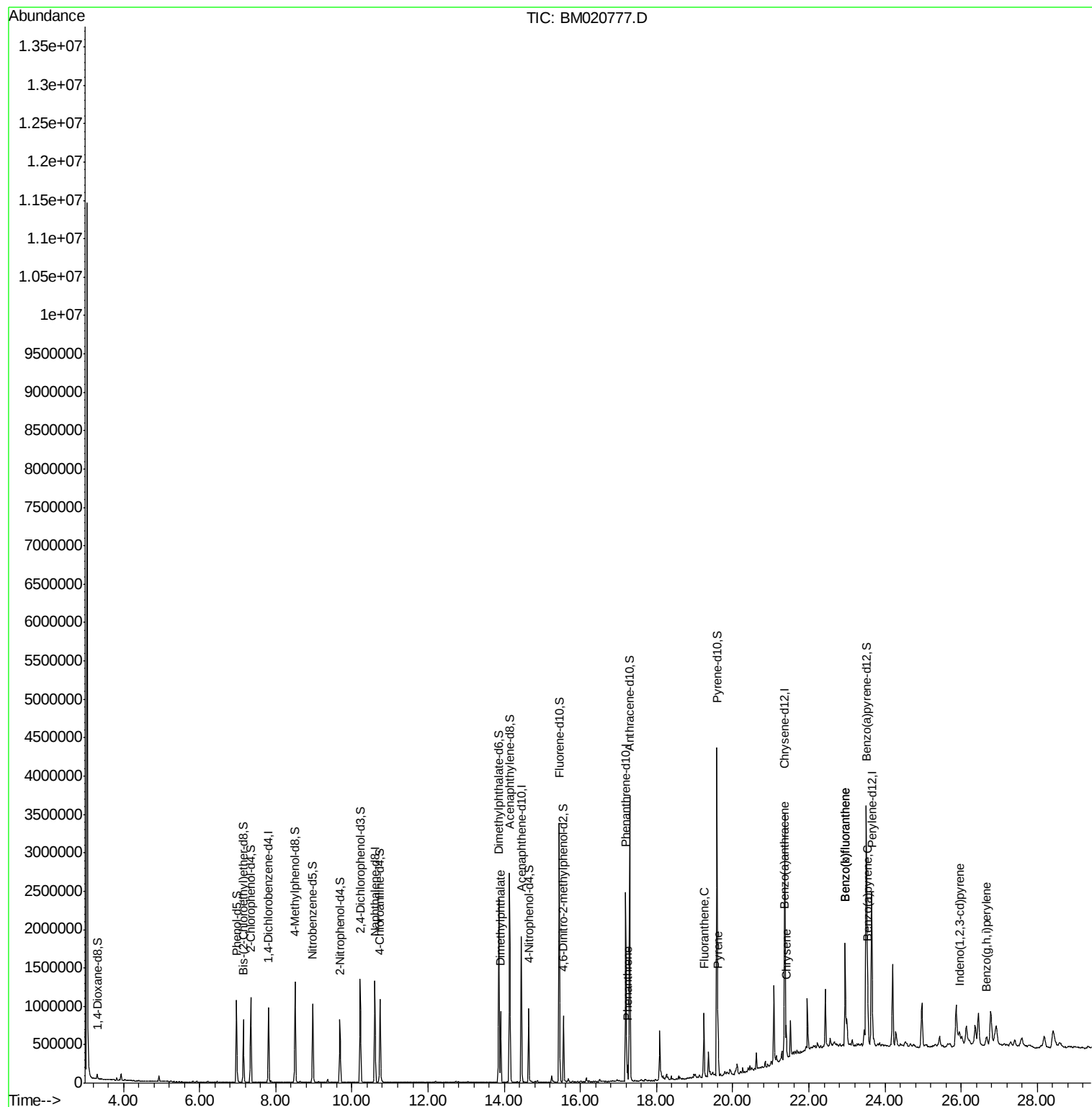
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
44) Dimethylphthalate	13.90	163	596979	12.788	ng/ul	99
69) Phenanthrene	17.23	178	113855	1.611	ng/ul	97
76) Fluoranthene	19.25	202	463789	5.725	ng/ul	99
79) Pyrene	19.62	202	451429	5.708	ng/ul	98
82) Benzo(a)anthracene	21.35	228	224406	2.808	ng/ul	97
84) Chrysene	21.40	228	229933	3.101	ng/ul	99
87) Benzo(b)fluoranthene	22.96	252	338115	3.979	ng/ul#	97
88) Benzo(k)fluoranthene	22.96	252	338115	4.163	ng/ul#	97
90) Benzo(a)pyrene	23.55	252	215799	2.669	ng/ul	98
91) Indeno(1,2,3-cd)pyrene	25.96	276	175156	1.834	ng/ul	94
93) Benzo(g,h,i)perylene	26.67	276	140777	1.817	ng/ul	98

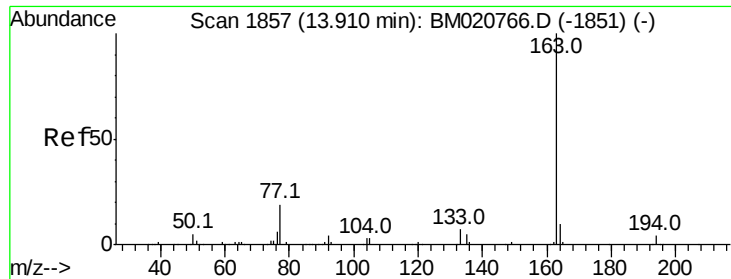
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#44

Dimethylphthalate

Concen: 12.788 ng/ul

RT: 13.90 min Scan# 1856

Delta R.T. -0.01 min

Lab File: BM020777.D

Acq: 06 Jun 2019 23:25

Instrument :

BNA_M

ClientSampled :

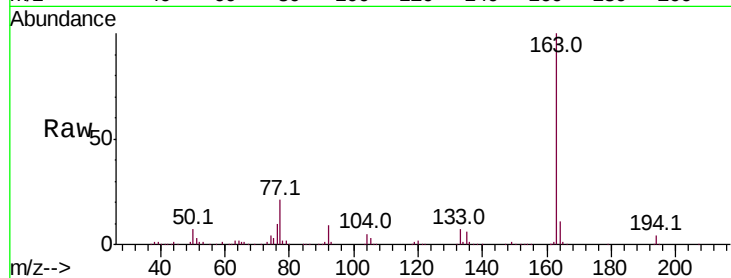
Tot Ion:163 Resp: 596979

Ion Ratio Lower Upper

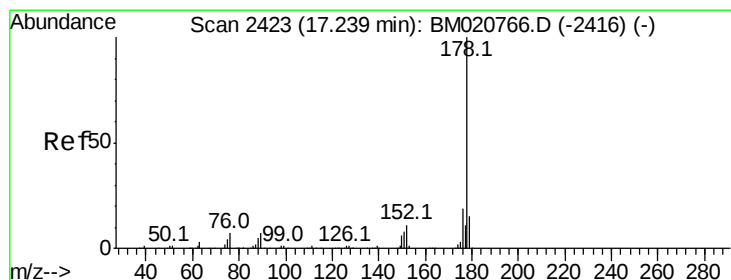
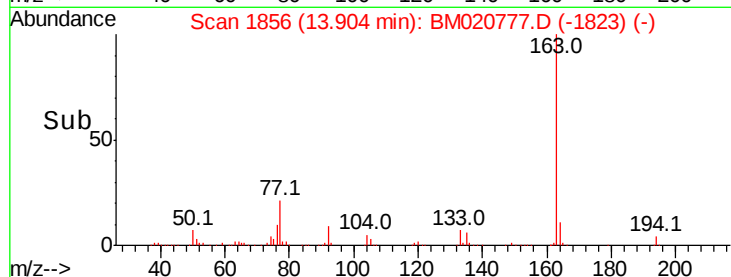
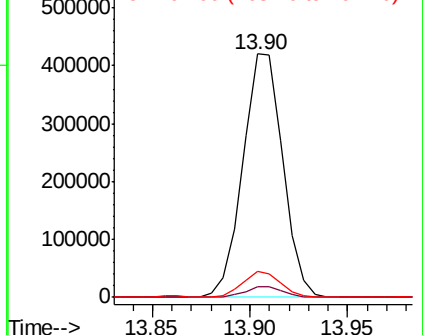
163 100

194 4.2 3.2 4.8

164 10.5 8.0 12.0



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#69

Phenanthrene

Concen: 1.611 ng/ul

RT: 17.23 min Scan# 2422

Delta R.T. -0.01 min

Lab File: BM020777.D

Acq: 06 Jun 2019 23:25

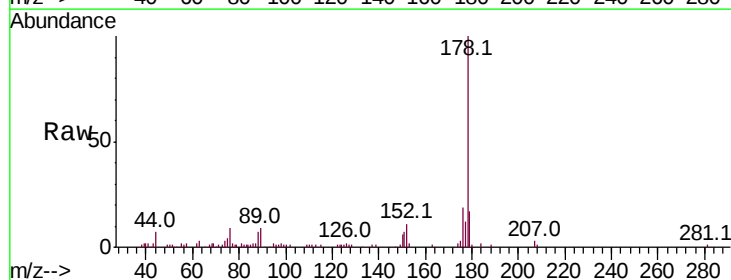
Tgt Ion:178 Resp: 113855

Ion Ratio Lower Upper

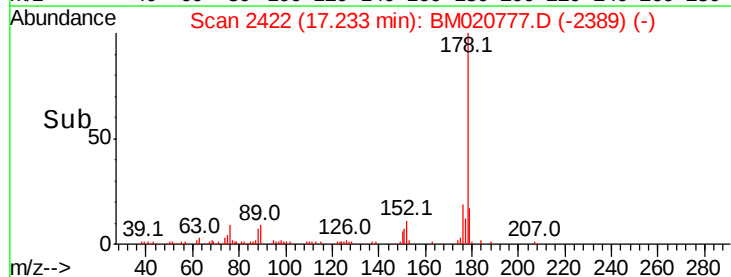
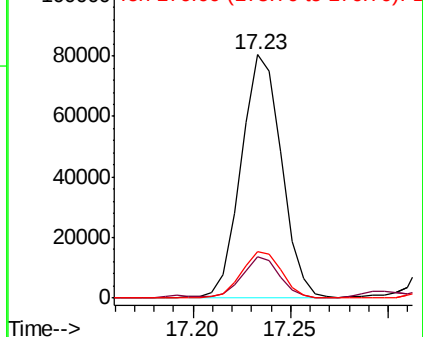
178 100

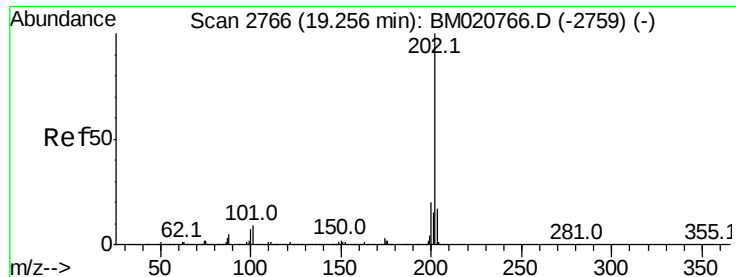
179 17.2 12.3 18.5

176 19.1 14.8 22.2



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

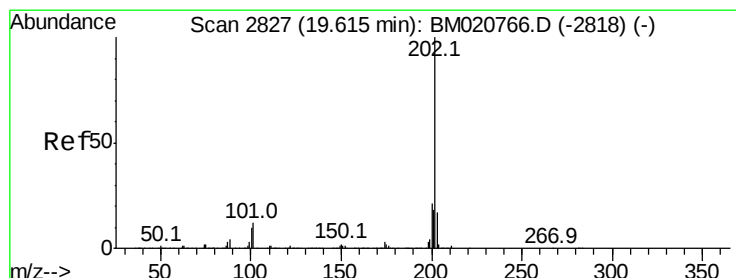
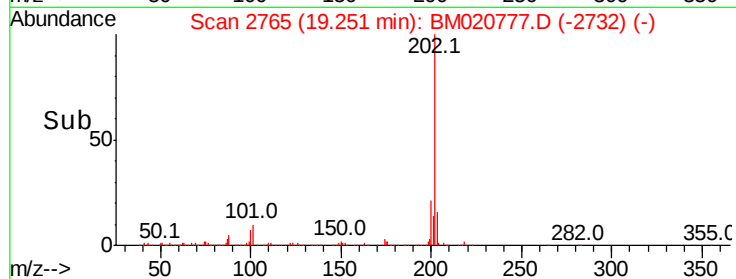
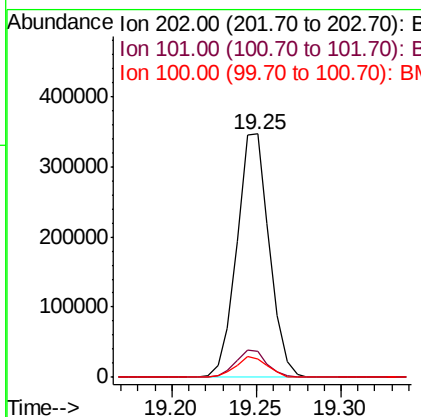
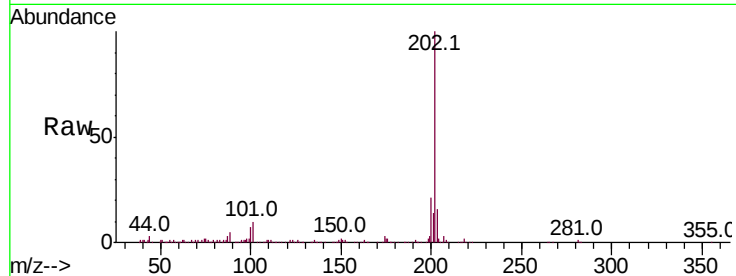




#76
Fluoranthene
Concen: 5.725 ng/ul
RT: 19.25 min Scan# 2765
Delta R.T. -0.01 min
Lab File: BM020777.D
Acq: 06 Jun 2019 23:25

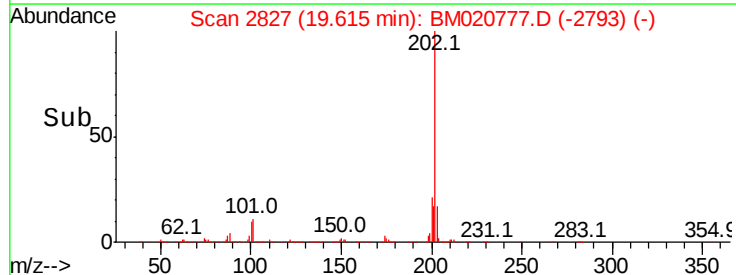
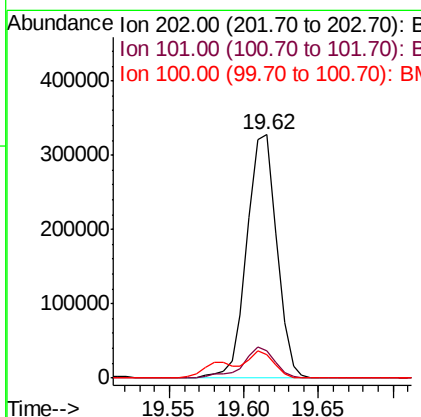
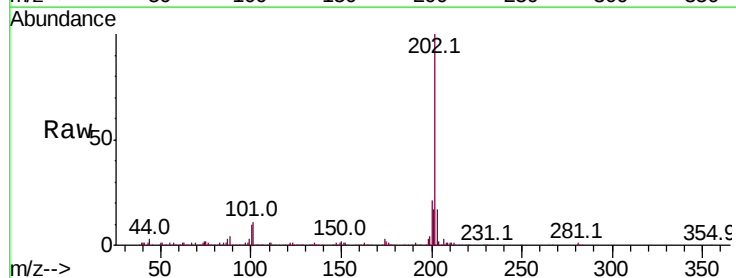
Instrument :
BNA_M
ClientSampleId :

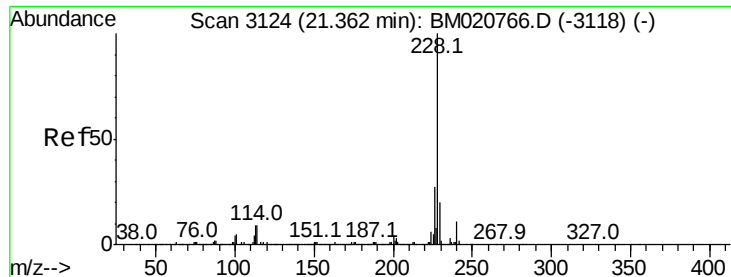
Tot Ion	Ratio	Lower	Upper
202	100		
101	10.5	7.9	11.9
100	7.4	6.2	9.4



#79
Pyrene
Concen: 5.708 ng/ul
RT: 19.62 min Scan# 2827
Delta R.T. -0.00 min
Lab File: BM020777.D
Acq: 06 Jun 2019 23:25

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.4	9.8	14.6
100	9.7	8.0	12.0

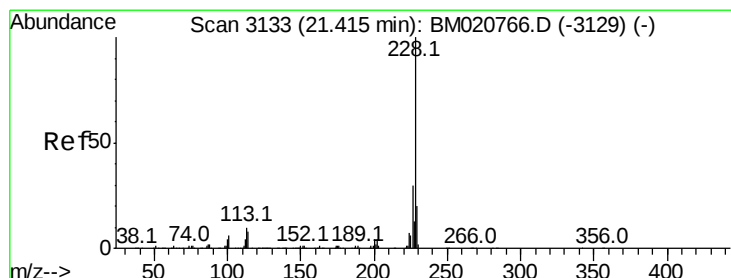
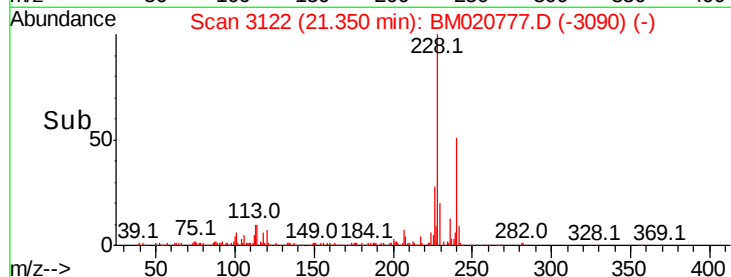
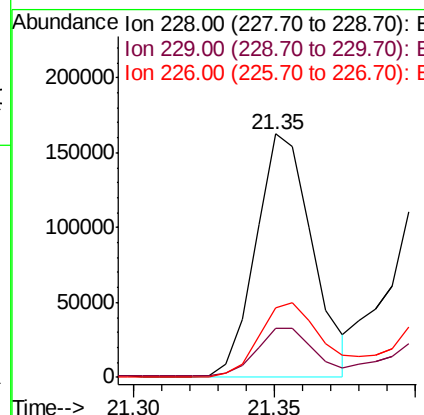
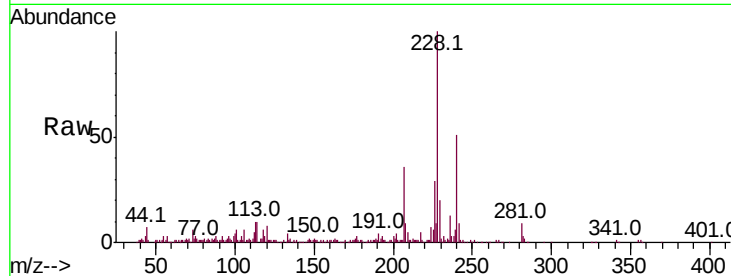




#82
Benzo(a)anthracene
Concen: 2.808 ng/ul
RT: 21.35 min Scan# 3122
Delta R.T. -0.01 min
Lab File: BM020777.D
Acq: 06 Jun 2019 23:25

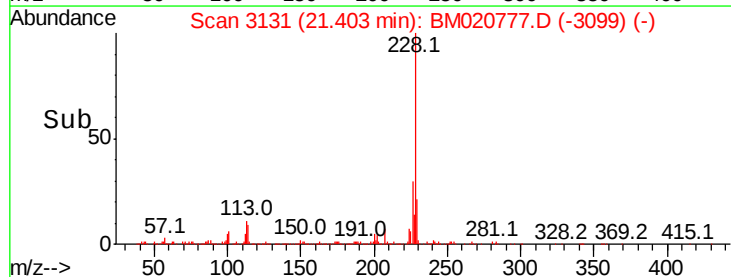
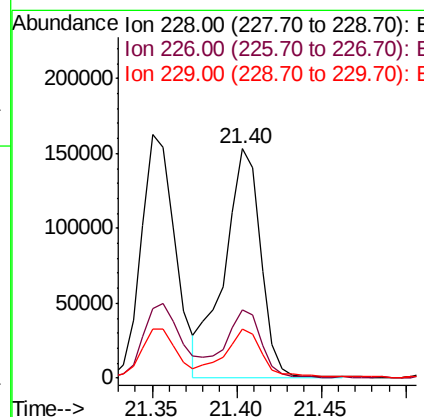
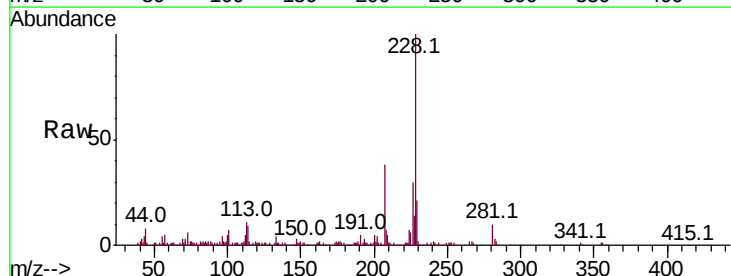
Instrument :
BNA_M
ClientSampleId :

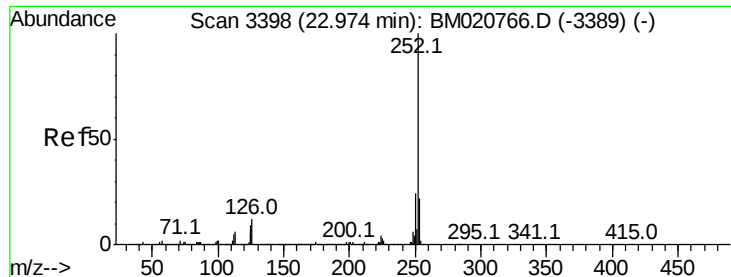
Tot Ion	Ratio	Lower	Upper
228	100		
229	20.1	15.6	23.4
226	28.6	21.4	32.2



#84
Chrysene
Concen: 3.101 ng/ul
RT: 21.40 min Scan# 3131
Delta R.T. -0.01 min
Lab File: BM020777.D
Acq: 06 Jun 2019 23:25

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.4	36.6
229	21.2	16.2	24.2





#87

Benzo(b)fluoranthene

Concen: 3.979 ng/ul

RT: 22.96 min Scan# 3396

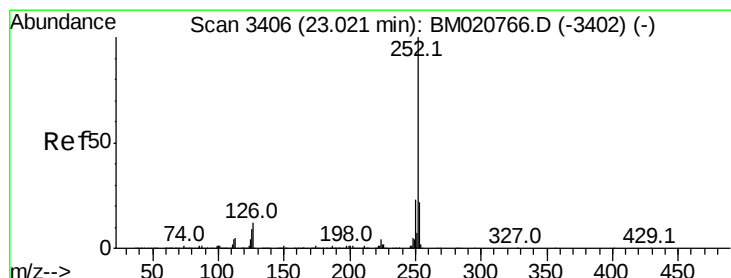
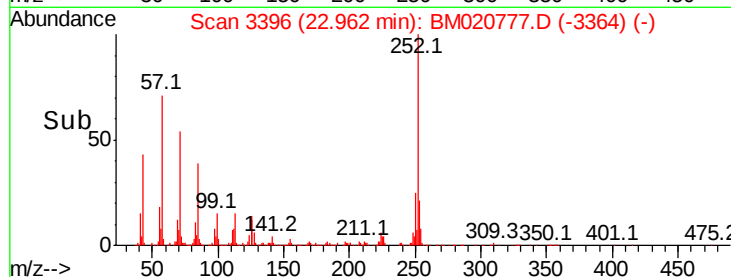
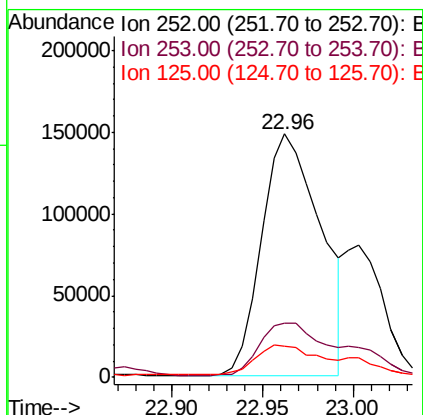
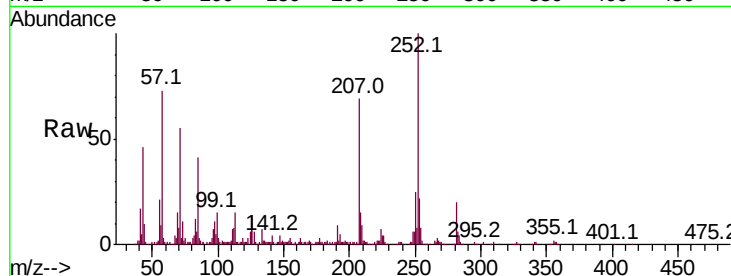
Delta R.T. -0.01 min

Lab File: BM020777.D

Acq: 06 Jun 2019 23:25

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.6	26.4
125	12.9	7.3	10.9



#88

Benzo(k)fluoranthene

Concen: 4.163 ng/ul

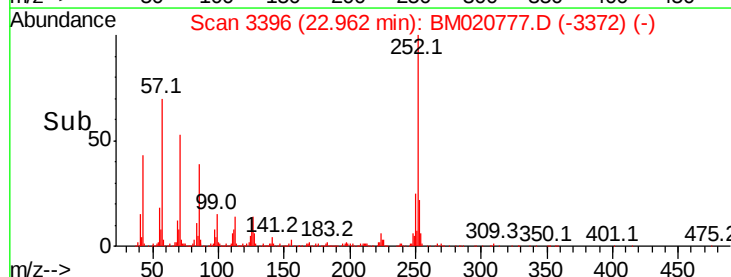
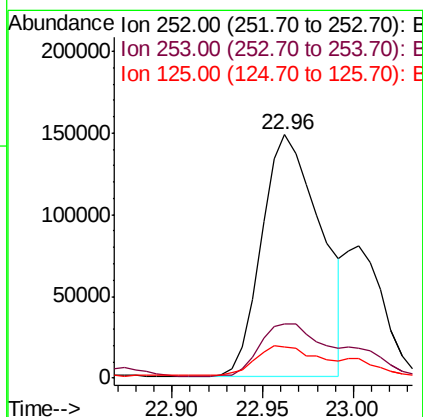
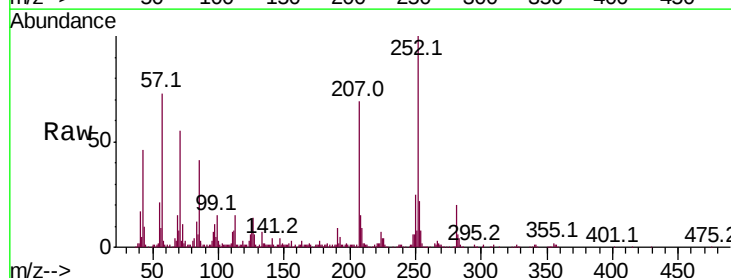
RT: 22.96 min Scan# 3396

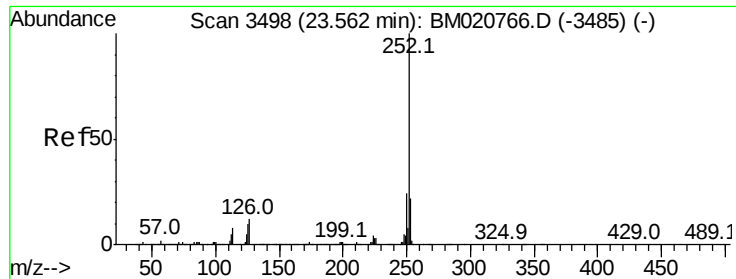
Delta R.T. -0.06 min

Lab File: BM020777.D

Acq: 06 Jun 2019 23:25

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.6	26.4
125	12.9	7.3	10.9





#90

Benzo(a)pyrene

Concen: 2.669 ng/ul

RT: 23.55 min Scan# 3496

Delta R.T. -0.01 min

Lab File: BM020777.D

Acq: 06 Jun 2019 23:25

Instrument :

BNA_M

ClientSampleId :

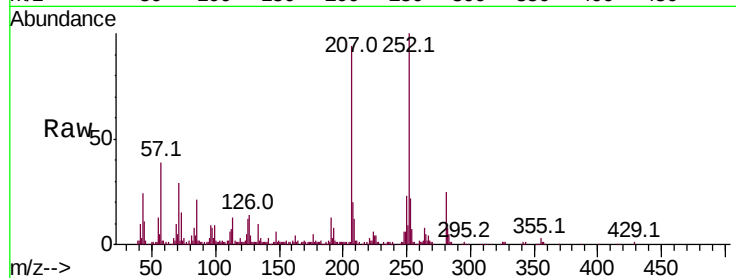
Tot Ion:252 Resp: 215799

Ion Ratio Lower Upper

252 100

253 21.8 17.0 25.6

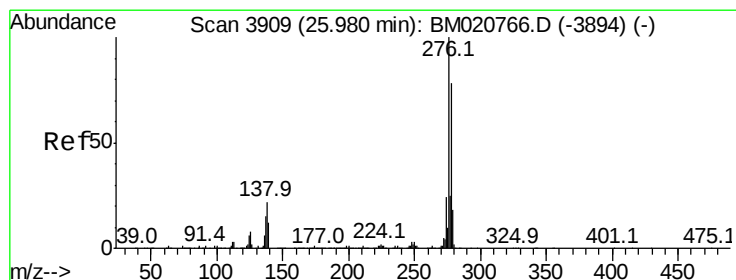
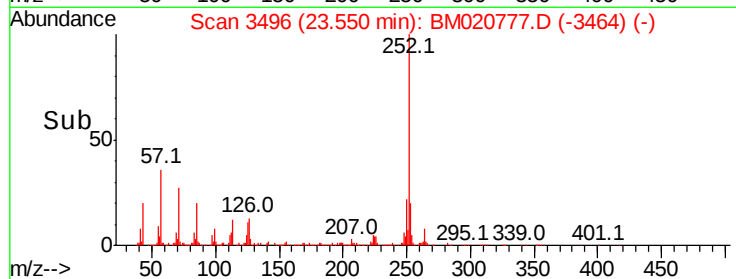
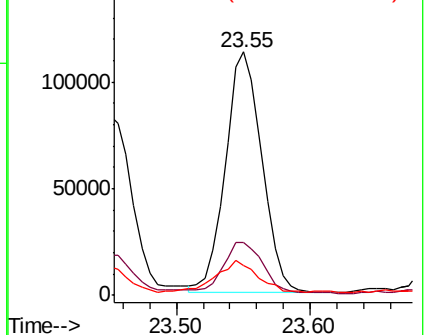
125 12.0 8.2 12.4



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

Indeno(1,2,3-cd)pyrene

Concen: 1.834 ng/ul

RT: 25.96 min Scan# 3905

Delta R.T. -0.02 min

Lab File: BM020777.D

Acq: 06 Jun 2019 23:25

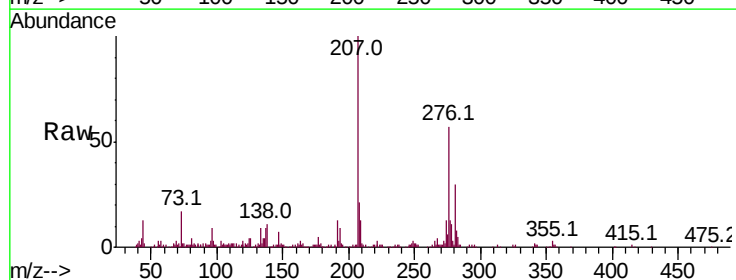
Tgt Ion:276 Resp: 175156

Ion Ratio Lower Upper

276 100

138 18.9 17.8 26.8

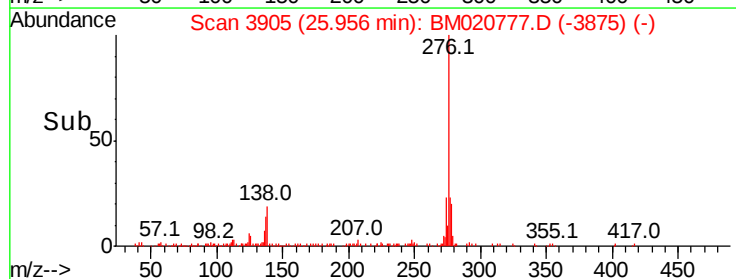
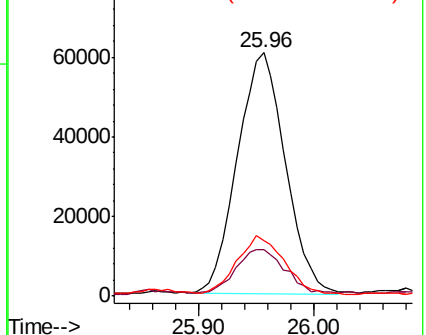
277 22.9 20.0 30.0

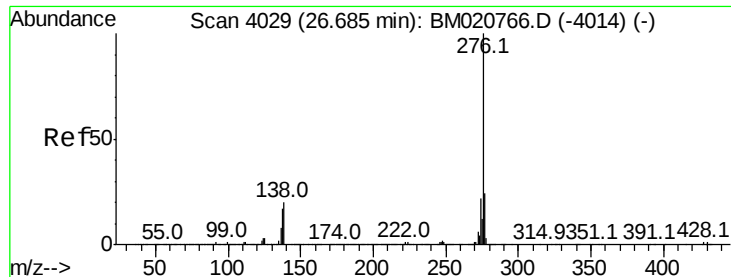


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#93

Benzo(a,h,i)perylene

Concen: 1.817 ng/ul

RT: 26.67 min Scan# 4026

Delta R.T. -0.02 min

Lab File: BM020777.D

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ClientSampleId :

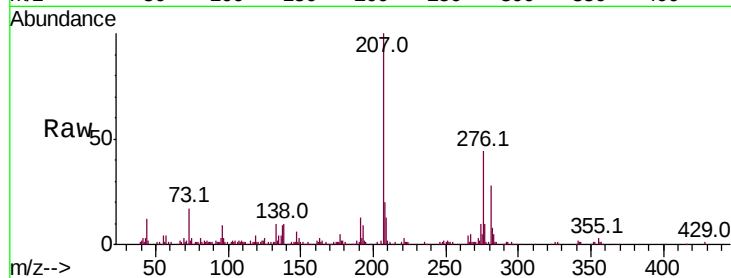
Tot Ion:276 Resp: 140777

Ion Ratio Lower Upper

276 100

138 21.8 16.6 25.0

277 23.6 19.6 29.4



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

