

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020620\
 Data File : BM024765.D
 Acq On : 07 Feb 2020 17:27
 Operator : CG/JU
 Sample : L1399-10
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Feb 07 22:16:29 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Feb 07 07:38:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	293110	20.00	ng/ul	0.00
18) Naphthalene-d8	10.16	136	1187873	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.06	164	819833	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.82	188	1805864	20.00	ng/ul	0.00
78) Chrysene-d12	21.03	240	1749703	20.00	ng/ul	0.00
86) Perylene-d12	23.13	264	1915816	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.02	96	25872	4.25	ng/uL	0.00
5) Phenol-d5	6.60	99	444439	22.83	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.76	67	287913	26.18	ng/ul	0.00
9) 2-Chlorophenol-d4	6.95	132	417876	23.95	ng/ul	0.00
13) 4-Methylphenol-d8	8.12	113	374660	22.80	ng/ul	0.00
19) Nitrobenzene-d5	8.55	128	212913	24.79	ng/ul	0.00
22) 2-Nitrophenol-d4	9.26	143	258601	25.48	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.80	165	446811	21.82	ng/ul	0.00
29) 4-Chloroaniline-d4	10.30	131	550381	28.74	ng/ul	0.00
44) Dimethylphthalate-d6	13.49	166	1578915	25.51	ng/ul	0.00
47) Acenaphthylene-d8	13.74	160	1684790	23.31	ng/ul	0.00
52) 4-Nitrophenol-d4	14.29	143	206849	20.57	ng/ul	0.00
58) Fluorene-d10	15.06	176	1303525	23.79	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.19	200	245082	20.82	ng/ul	0.00
71) Anthracene-d10	16.92	188	1963875	23.82	ng/ul	0.00
79) Pyrene-d10	19.22	212	2195002	25.08	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.00	264	2258441	23.47	ng/ul	0.00

Target Compounds

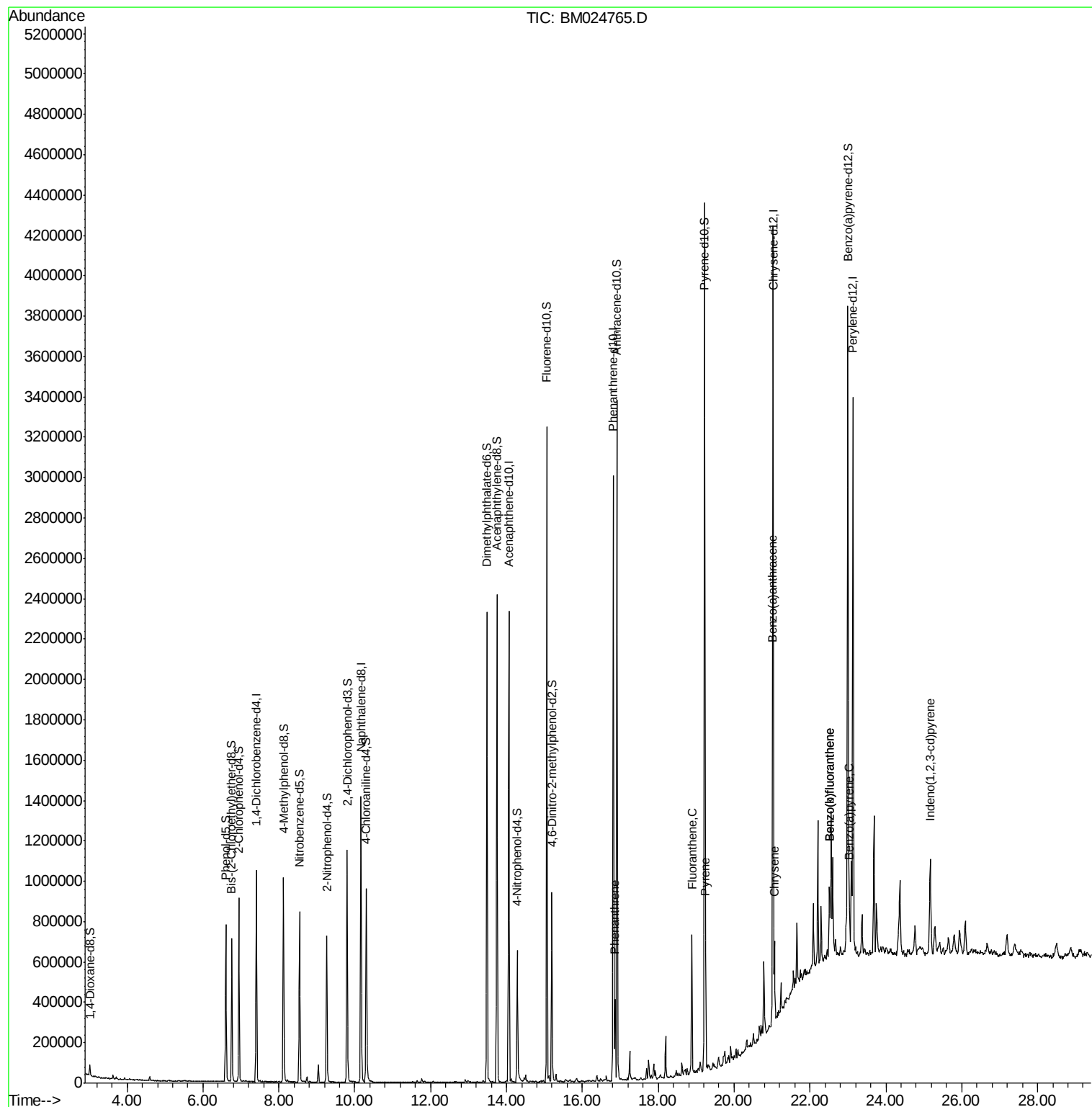
					Ovalue
70) Phenanthrene	16.86	178	245224	2.490 ng/ul	99
77) Fluoranthene	18.89	202	419906	3.474 ng/ul	98
80) Pyrene	19.25	202	353950	3.056 ng/ul	99
83) Benzo(a)anthracene	21.01	228	199883	1.696 ng/ul	95
85) Chrysene	21.06	228	219927	1.895 ng/ul	99
88) Benzo(b)fluoranthene	22.51	252	287235	2.358 ng/ul#	98
89) Benzo(k)fluoranthene	22.51	252	287235	2.450 ng/ul#	98
91) Benzo(a)pyrene	23.04	252	167979	1.538 ng/ul#	98
92) Indeno(1,2,3-cd)pyrene	25.18	276	140111	1.030 ng/ul	98

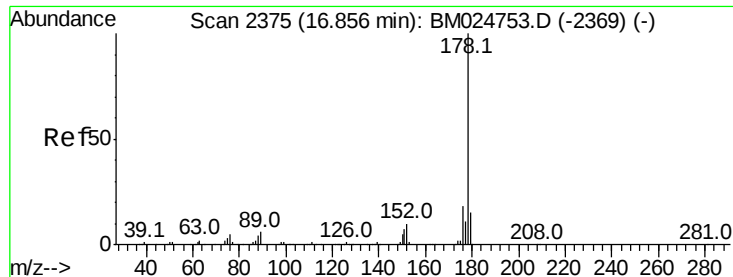
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 07 07:38:13 2020
Response via : Initial Calibration





#70

Phenanthrene

Concen: 2.490 ng/ul

RT: 16.86 min Scan# 2375

Delta R.T. 0.00 min

Lab File: BM024765.D

Acq: 07 Feb 2020 17:27

Instrument :

BNA_M

ClientSampleId :

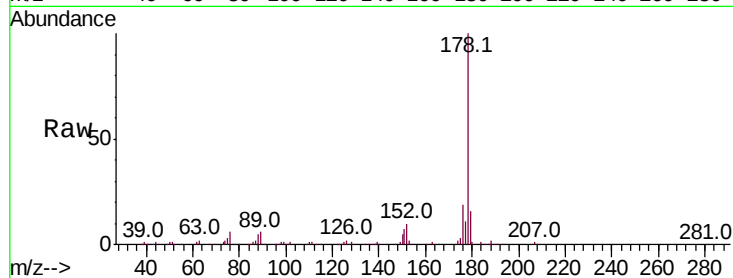
Tot Ion:178 Resp: 245224

Ion Ratio Lower Upper

178 100

179 16.0 12.2 18.2

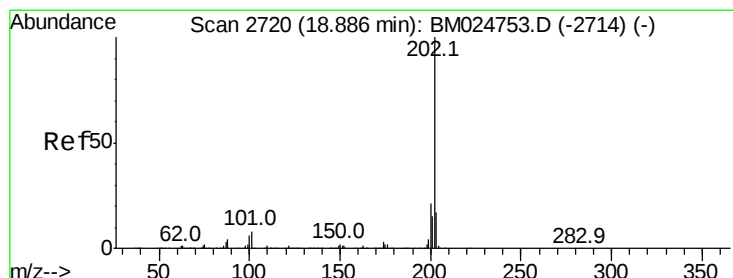
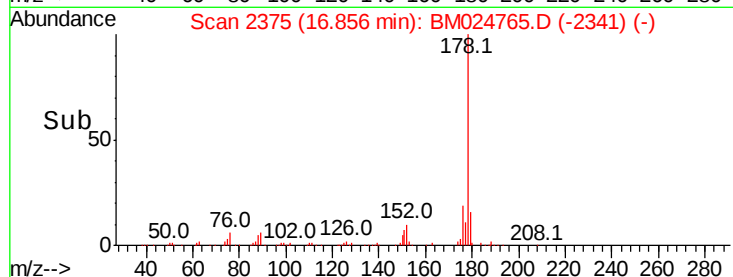
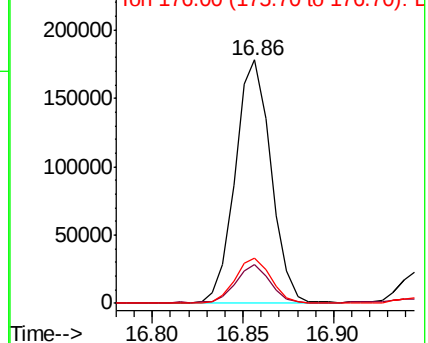
176 18.6 14.5 21.7



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



#77

Fluoranthene

Concen: 3.474 ng/ul

RT: 18.89 min Scan# 2720

Delta R.T. 0.00 min

Lab File: BM024765.D

Acq: 07 Feb 2020 17:27

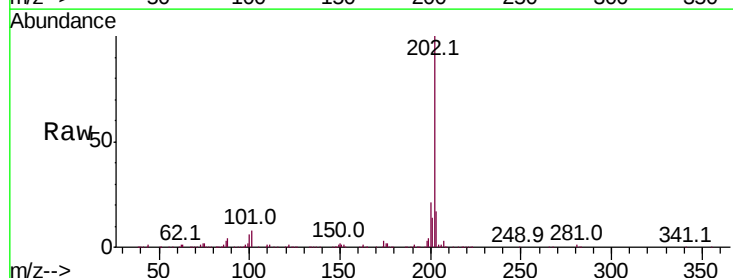
Tgt Ion:202 Resp: 419906

Ion Ratio Lower Upper

202 100

101 8.4 6.1 9.1

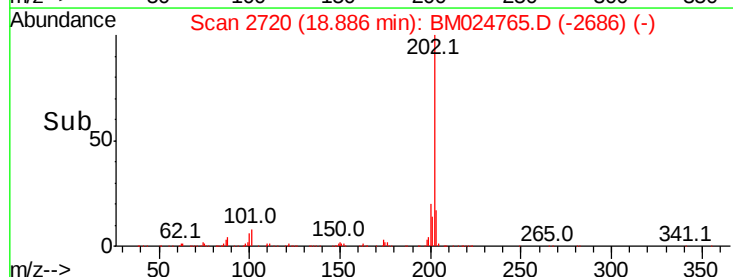
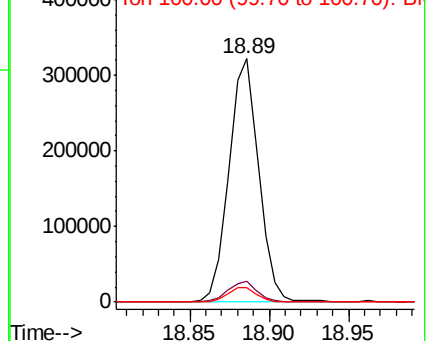
100 5.8 4.8 7.2

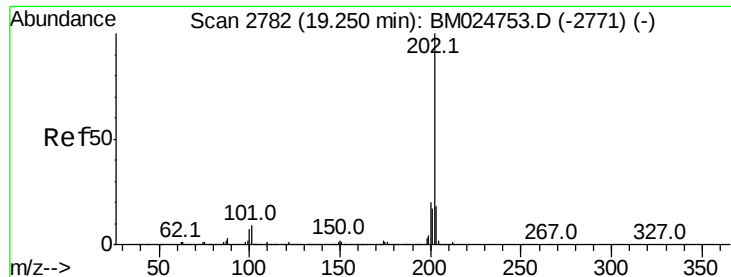


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

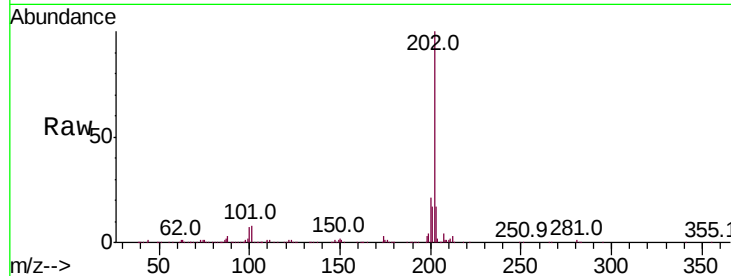




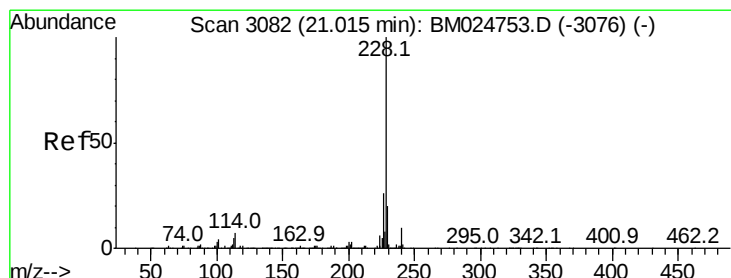
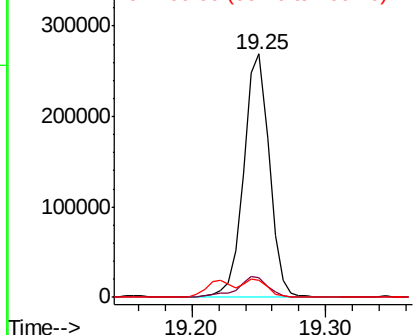
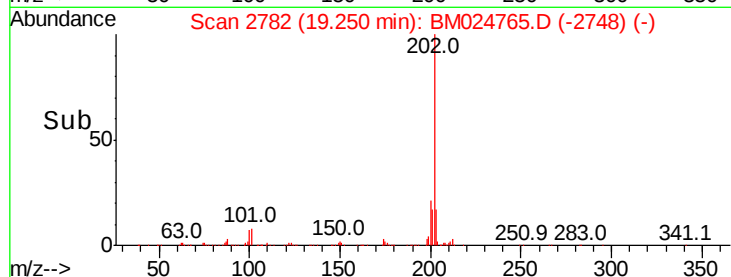
#80
Pvrene
Concen: 3.056 ng/ul
RT: 19.25 min Scan# 2782
Delta R.T. 0.00 min
Lab File: BM024765.D
Acq: 07 Feb 2020 17:27

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
101	8.3	7.0	10.4
100	6.8	5.8	8.8

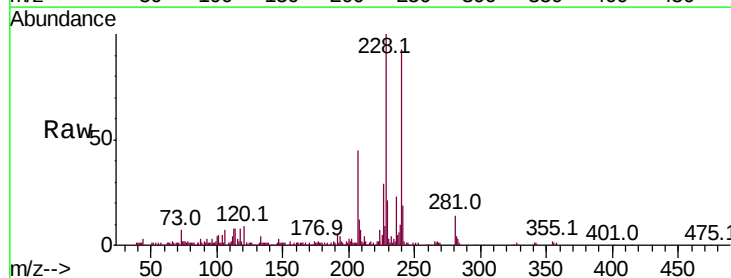


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

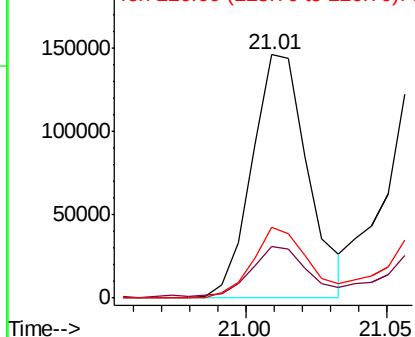
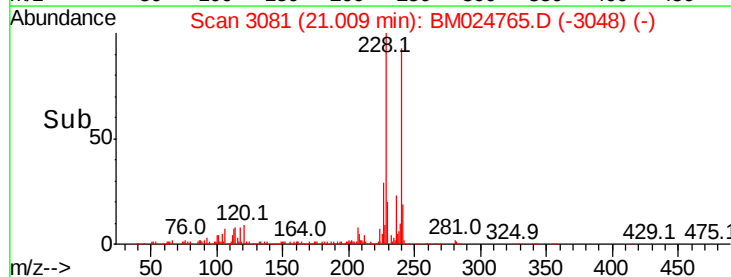


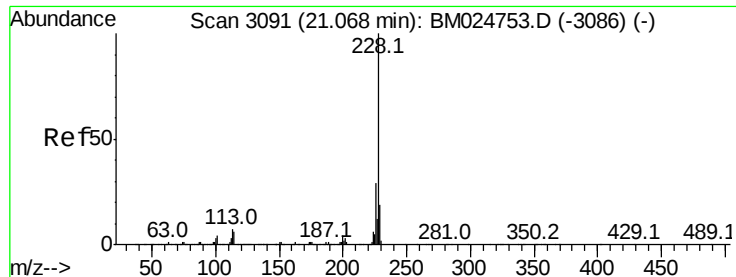
#83
Benzo(a)anthracene
Concen: 1.696 ng/ul
RT: 21.01 min Scan# 3081
Delta R.T. -0.01 min
Lab File: BM024765.D
Acq: 07 Feb 2020 17:27

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.0	15.9	23.9
226	29.2	20.8	31.2



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

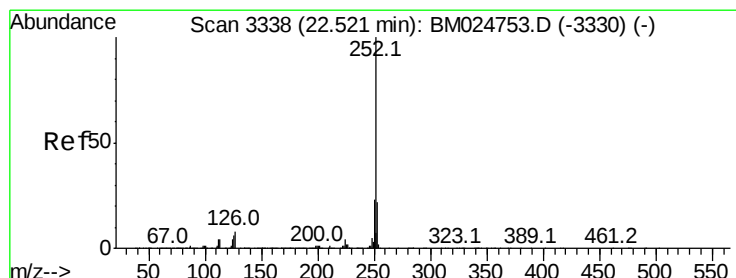
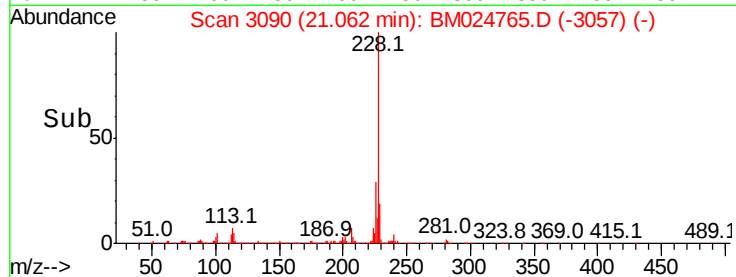
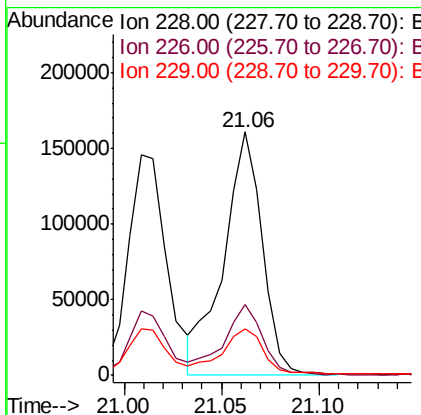
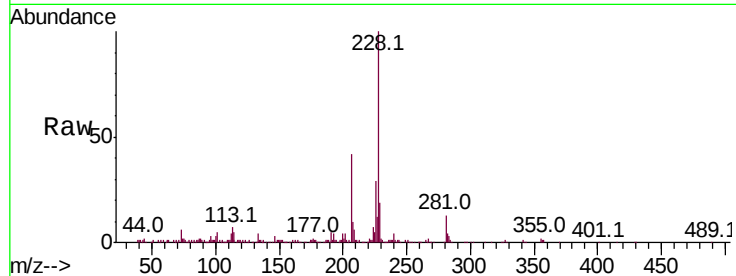




#85
 Chrysene
 Concen: 1.895 ng/ul
 RT: 21.06 min Scan# 3090
 Delta R.T. -0.01 min
 Lab File: BM024765.D
 Acq: 07 Feb 2020 17:27

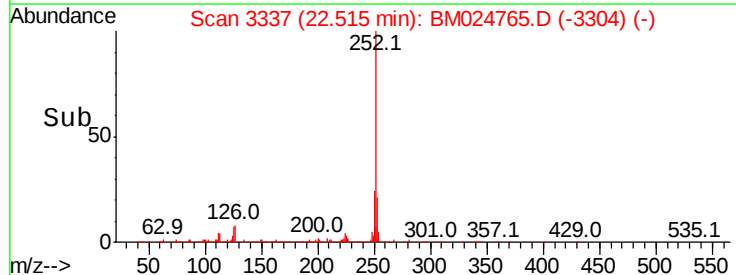
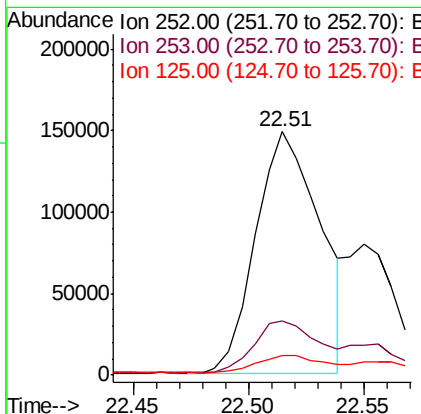
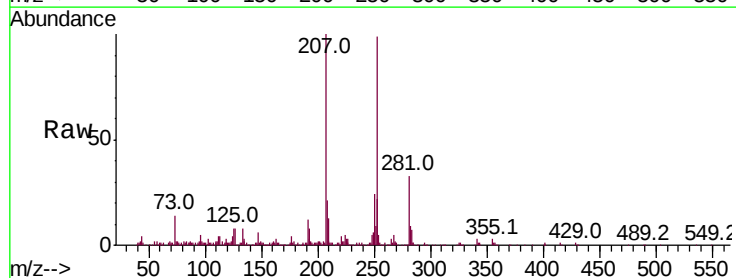
Instrument :
 BNA_M
 ClientSampleId :

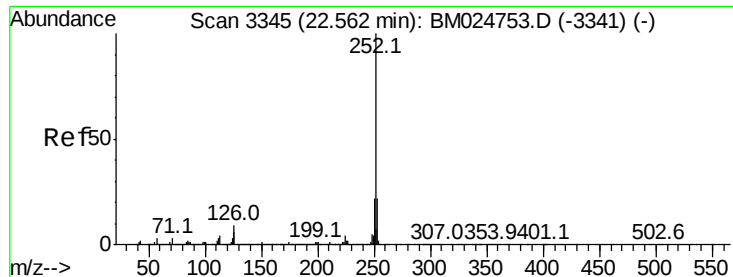
Tot Ion	Ratio	Lower	Upper
228	100		
226	29.1	23.0	34.4
229	19.2	15.8	23.8



#88
 Benzo(b)fluoranthene
 Concen: 2.358 ng/ul
 RT: 22.51 min Scan# 3337
 Delta R.T. -0.01 min
 Lab File: BM024765.D
 Acq: 07 Feb 2020 17:27

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.3	25.9
125	8.0	5.1	7.7#





#89

Benzo(k)fluoranthene

Concen: 2.450 ng/ul

RT: 22.51 min Scan# 3337

Delta R.T. -0.05 min

Lab File: BM024765.D

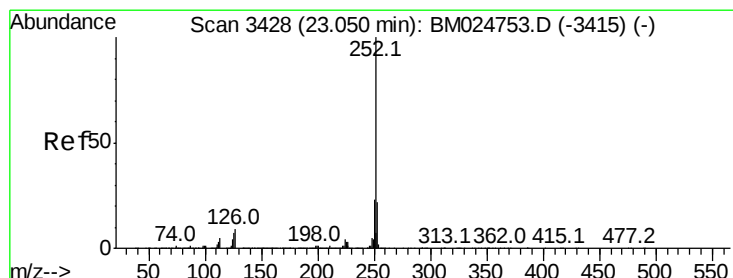
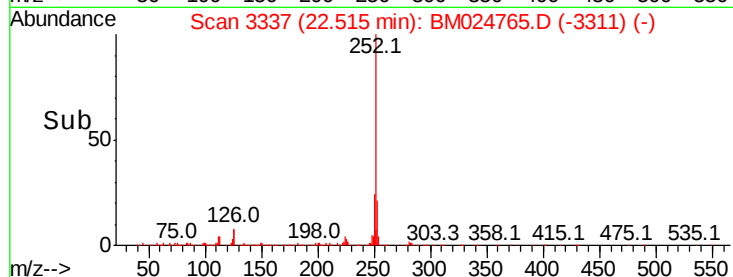
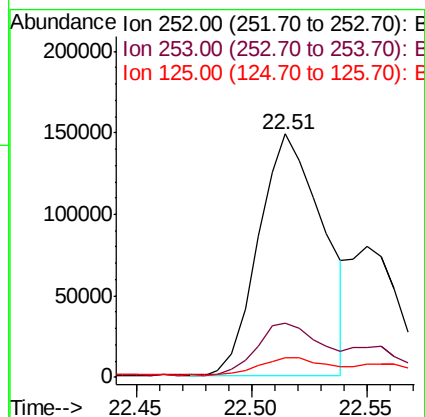
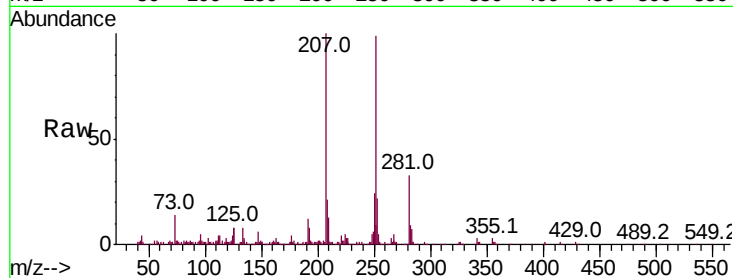
Acq: 07 Feb 2020 17:27

Instrument :

BNA_M

ClientSampleId :

Tot Ion:	252	Resp:	287235
Ion Ratio	Lower	Upper	
252	100		
253	22.0	17.4	26.0
125	8.0	5.1	7.7#



#91

Benzo(a)pyrene

Concen: 1.538 ng/ul

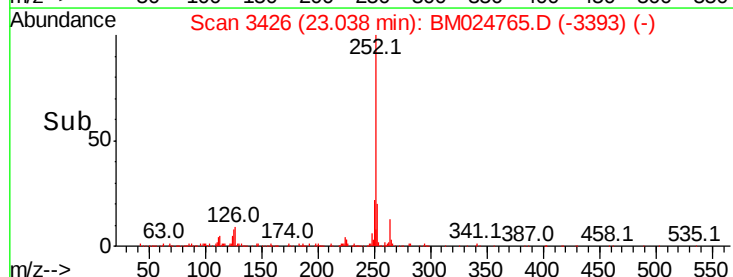
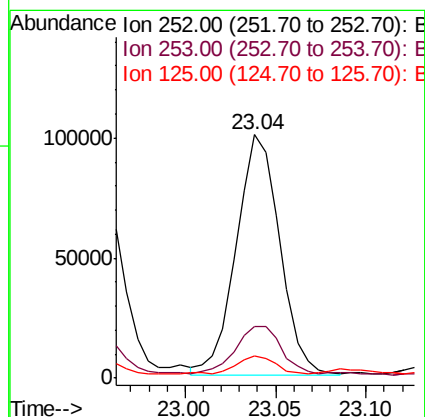
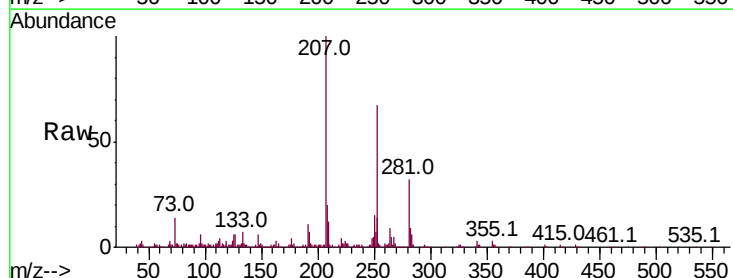
RT: 23.04 min Scan# 3426

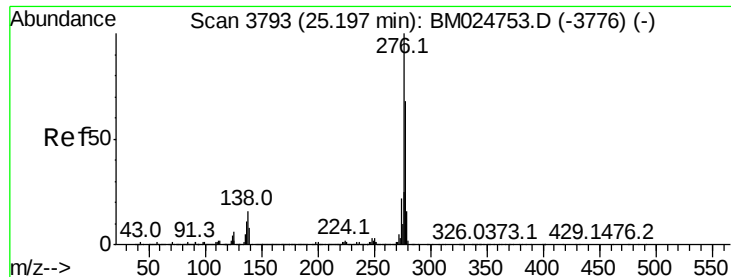
Delta R.T. -0.01 min

Lab File: BM024765.D

Acq: 07 Feb 2020 17:27

Tgt Ion:	252	Resp:	167979
Ion Ratio	Lower	Upper	
252	100		
253	21.4	17.5	26.3
125	9.1	5.6	8.4#



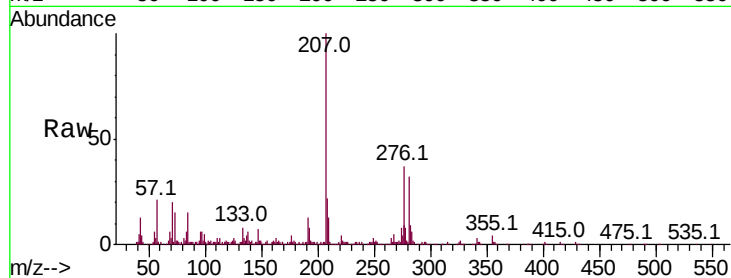


#92

Indeno(1,2,3-cd)pyrene
 Concen: 1.030 ng/ul
 RT: 25.18 min Scan# 3790
 Delta R.T. -0.01 min
 Lab File: BM024765.D
 Acq: 07 Feb 2020 17:27

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	15.5	12.8	19.2
277	25.3	19.3	28.9



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

