

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020620\
 Data File : BM024781.D
 Acq On : 08 Feb 2020 03:41
 Operator : CG/JU
 Sample : L1400-01
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Feb 08 04:23:57 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Feb 07 22:29:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	287918	20.00	ng/ul	0.00
18) Naphthalene-d8	10.16	136	1105880	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.06	164	731063	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.81	188	1619289	20.00	ng/ul	0.00
78) Chrysene-d12	21.02	240	1664450	20.00	ng/ul	-0.01
86) Perylene-d12	23.13	264	1768333	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.02	96	20402	3.41	ng/uL	0.00
5) Phenol-d5	6.60	99	351825	18.39	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	6.76	67	232039	21.48	ng/ul	0.00
9) 2-Chlorophenol-d4	6.95	132	330764	19.30	ng/ul	0.00
13) 4-Methylphenol-d8	8.12	113	304958	18.90	ng/ul	-0.01
19) Nitrobenzene-d5	8.55	128	171942	21.50	ng/ul	0.00
22) 2-Nitrophenol-d4	9.26	143	205747	21.77	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.79	165	348506	18.28	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.30	131	443040	24.85	ng/ul	0.00
44) Dimethylphthalate-d6	13.48	166	1265792	22.94	ng/ul	0.00
47) Acenaphthylene-d8	13.74	160	1277778	19.83	ng/ul	0.00
52) 4-Nitrophenol-d4	14.28	143	150563	16.79	ng/ul	0.00
58) Fluorene-d10	15.06	176	1017757	20.83	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.19	200	176187	16.69	ng/ul	0.00
71) Anthracene-d10	16.91	188	1456391	19.70	ng/ul	0.00
79) Pyrene-d10	19.22	212	1596933	19.18	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.99	264	1638282	18.45	ng/ul	-0.01

Target Compounds

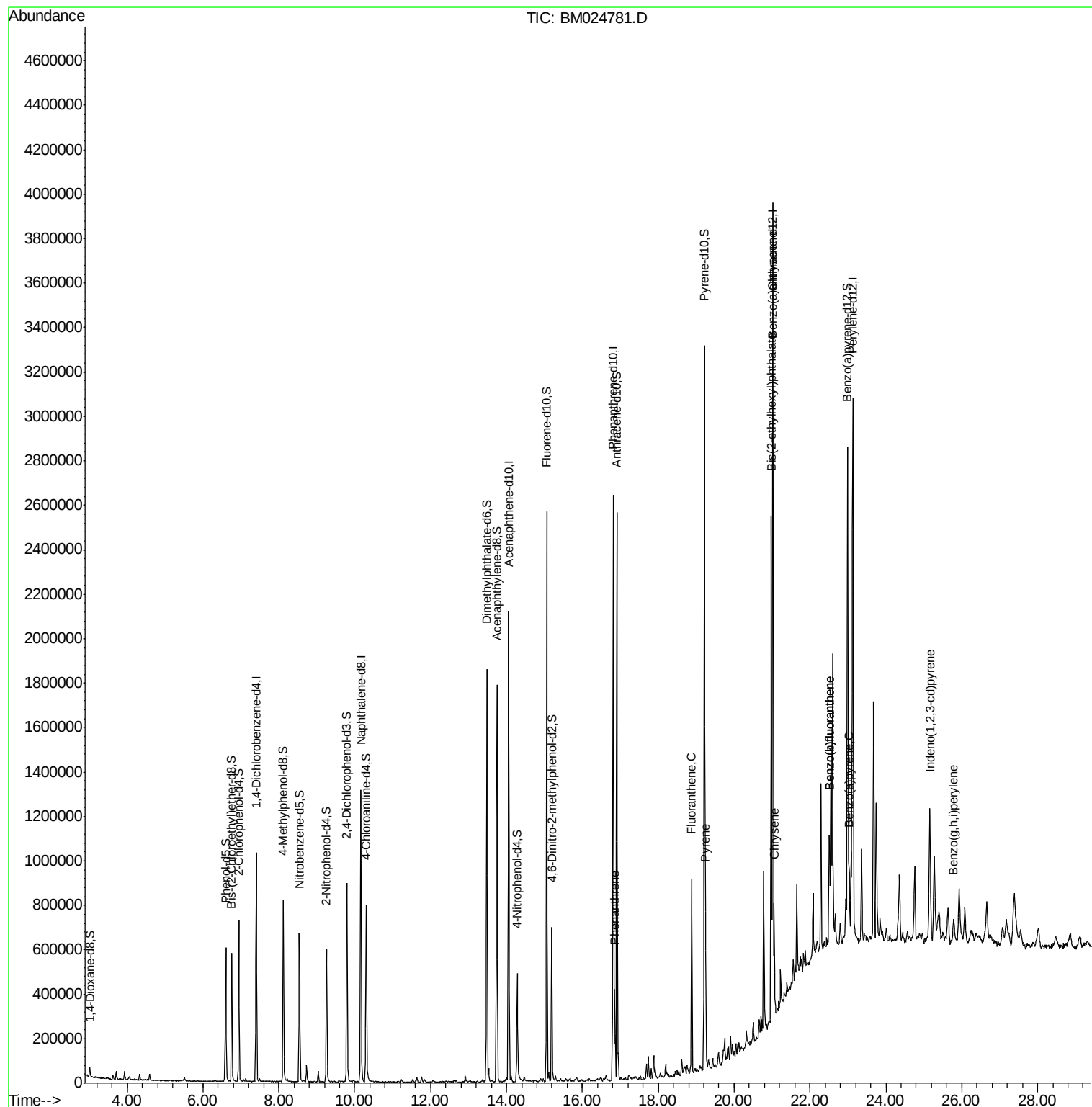
					Ovalue	
70) Phenanthrene	16.85	178	240991	2.729	ng/ul	99
77) Fluoranthene	18.88	202	530844	4.898	ng/ul	99
80) Pyrene	19.24	202	437295	3.969	ng/ul	99
83) Benzo(a)anthracene	21.01	228	282885	2.523	ng/ul	97
84) Bis(2-ethylhexyl)phthalate	20.98	149	836725	12.827	ng/ul	99
85) Chrysene	21.06	228	289257	2.621	ng/ul	99
88) Benzo(b)fluoranthene	22.51	252	399103	3.549	ng/ul	99
89) Benzo(k)fluoranthene	22.51	252	399103	3.688	ng/ul	99
91) Benzo(a)pyrene	23.03	252	217962	2.162	ng/ul#	97
92) Indeno(1,2,3-cd)pyrene	25.17	276	174537	1.391	ng/ul	98
94) Benzo(g,h,i)perylene	25.79	276	122531	1.174	ng/ul	97

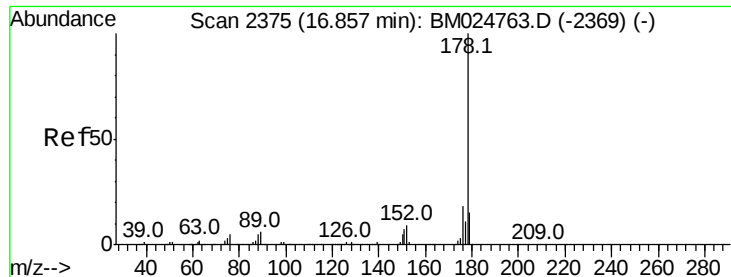
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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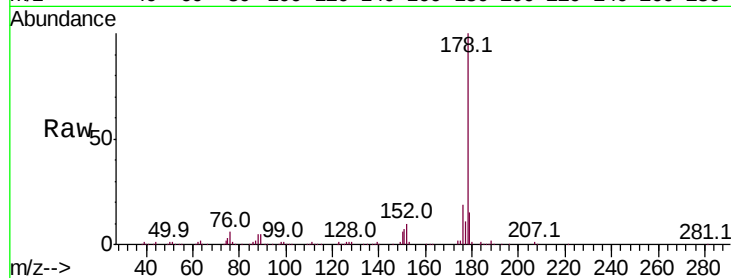




#70
Phenanthrene
Concen: 2.729 ng/ul
RT: 16.85 min Scan# 2374
Delta R.T. -0.01 min
Lab File: BM024781.D
Acq: 08 Feb 2020 03:41

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.2	18.2
176	18.7	14.5	21.7

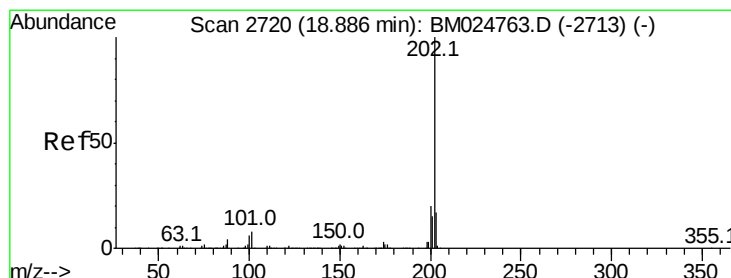
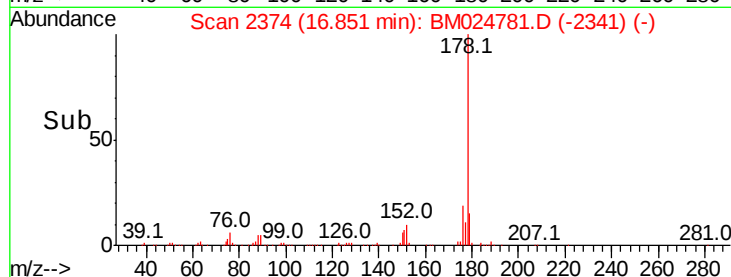
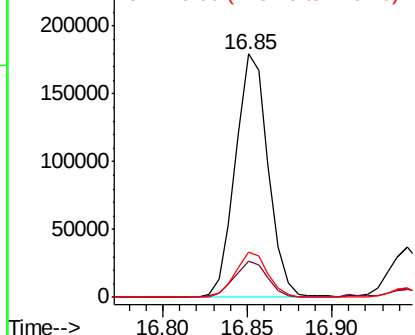


Abundance

Ion 178.00 (177.70 to 178.70): E

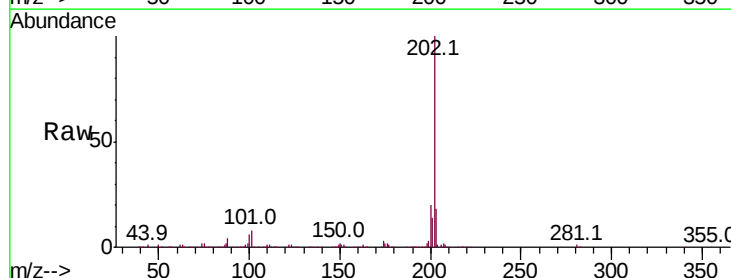
Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#77
Fluoranthene
Concen: 4.898 ng/ul
RT: 18.88 min Scan# 2719
Delta R.T. -0.01 min
Lab File: BM024781.D
Acq: 08 Feb 2020 03:41

Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.9	6.1	9.1
100	6.5	4.8	7.2

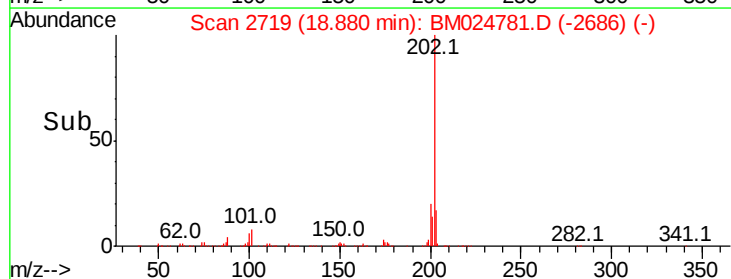
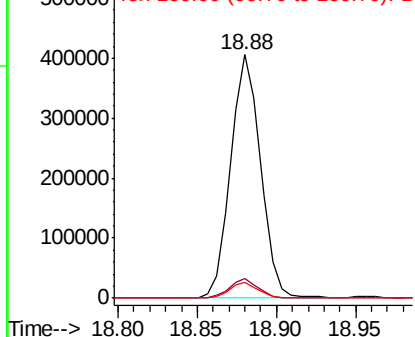


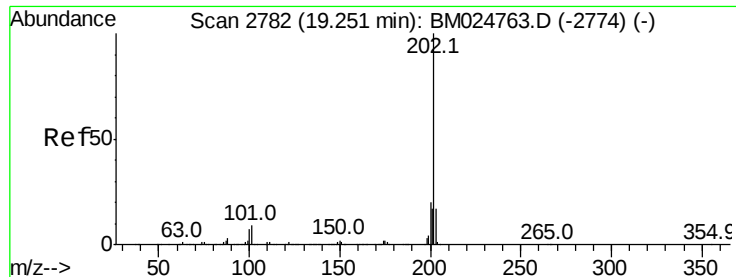
Abundance

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

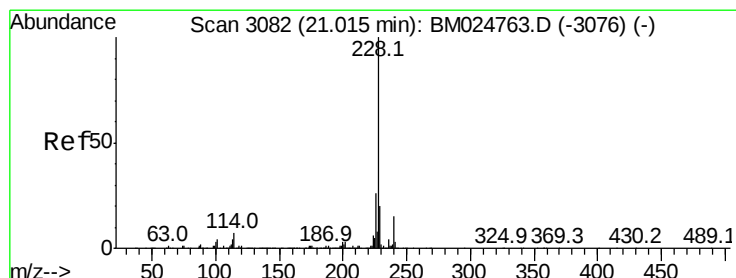
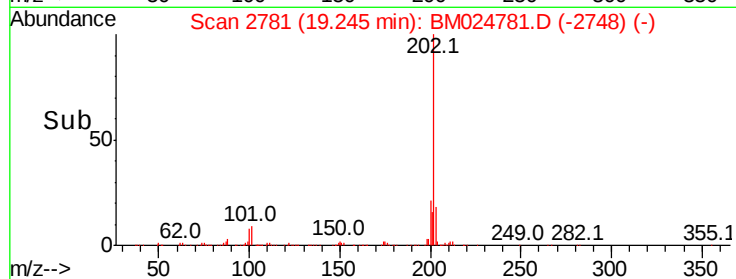
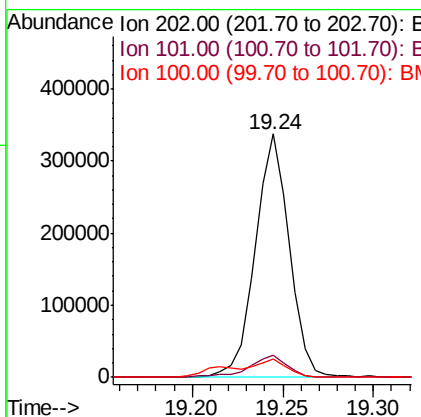
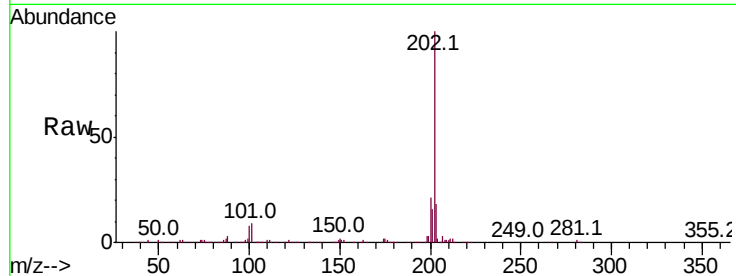




#80
Pvrene
Concen: 3.969 ng/ul
RT: 19.24 min Scan# 2781
Delta R.T. -0.01 min
Lab File: BM024781.D
Acq: 08 Feb 2020 03:41

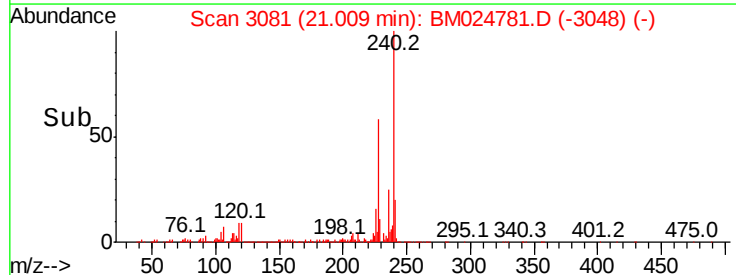
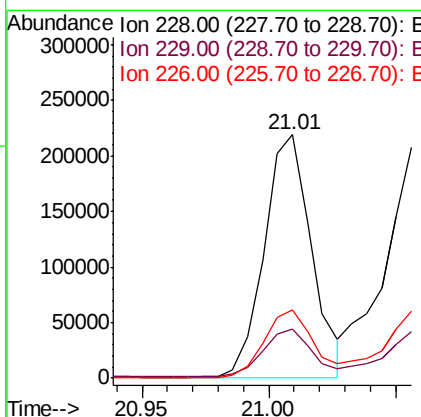
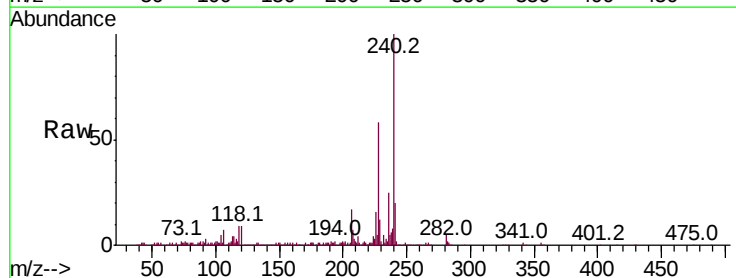
Instrument :
BNA_M
ClientSampleId :

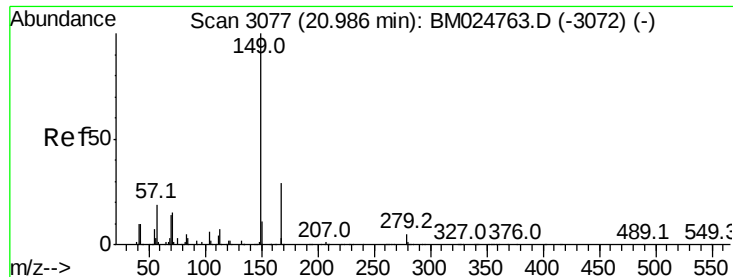
Tot Ion	Ratio	Lower	Upper
202	100		
101	9.0	7.0	10.4
100	7.6	5.8	8.8



#83
Benzo(a)anthracene
Concen: 2.523 ng/ul
RT: 21.01 min Scan# 3081
Delta R.T. -0.01 min
Lab File: BM024781.D
Acq: 08 Feb 2020 03:41

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.0	15.9	23.9
226	28.2	20.8	31.2





#84

Bis(2-ethylhexyl)phthalate

Concen: 12.827 ng/ul

RT: 20.98 min Scan# 3076

Delta R.T. -0.01 min

Lab File: BM024781.D

Acq: 08 Feb 2020 03:41

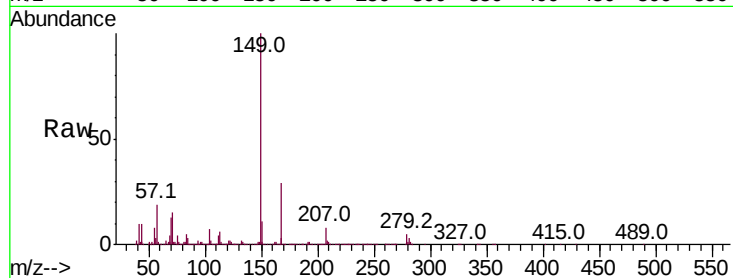
Instrument :

BNA_M

ClientSampled :

Tot Ion:149 Resp: 836725

Ion	Ratio	Lower	Upper
149	100		
167	28.9	23.4	35.2
279	5.3	4.7	7.1

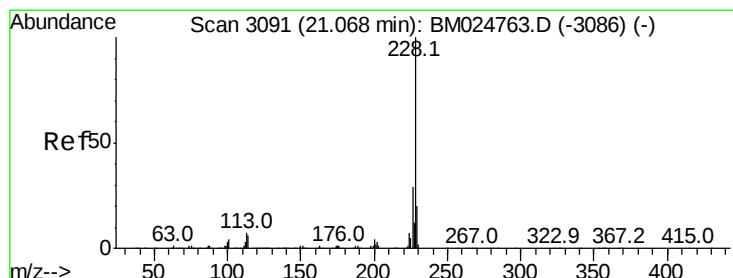
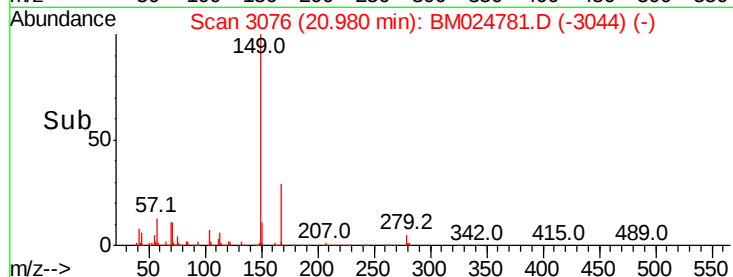
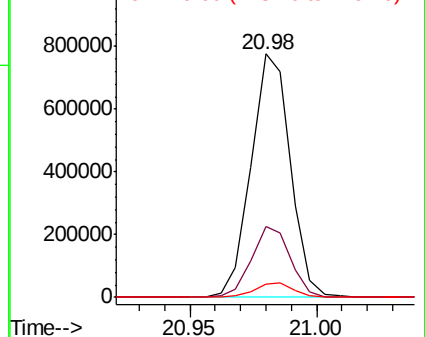


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85

Chrysene

Concen: 2.621 ng/ul

RT: 21.06 min Scan# 3089

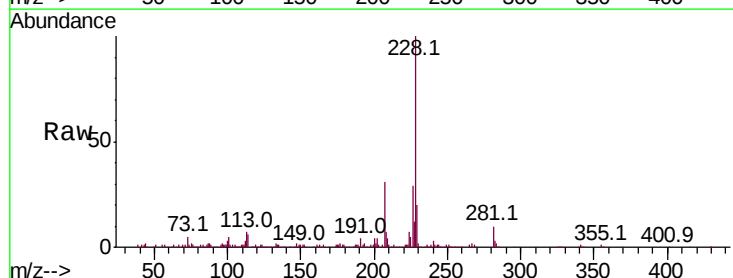
Delta R.T. -0.01 min

Lab File: BM024781.D

Acq: 08 Feb 2020 03:41

Tgt Ion:228 Resp: 289257

Ion	Ratio	Lower	Upper
228	100		
226	29.1	23.0	34.4
229	20.2	15.8	23.8

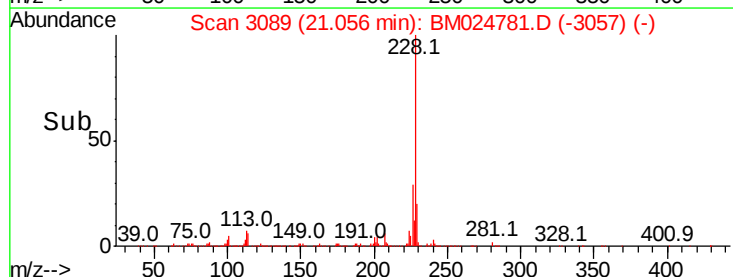
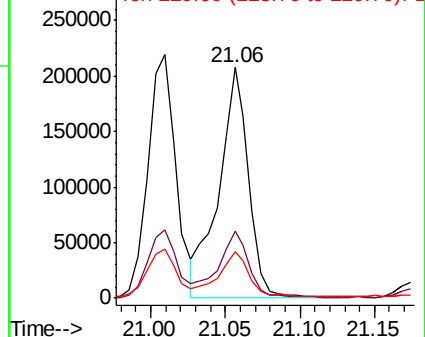


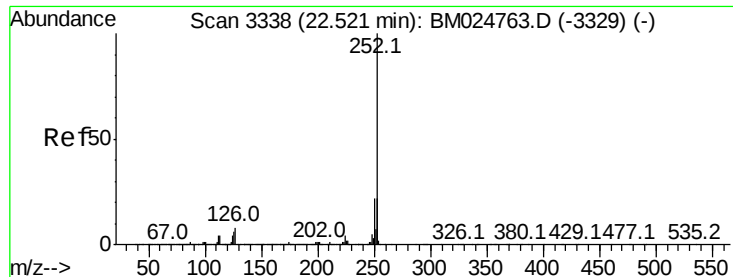
Abundance

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: 3.549 ng/ul

RT: 22.51 min Scan# 3336

Delta R.T. -0.01 min

Lab File: BM024781.D

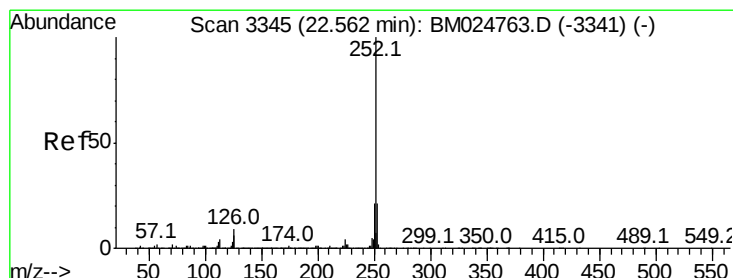
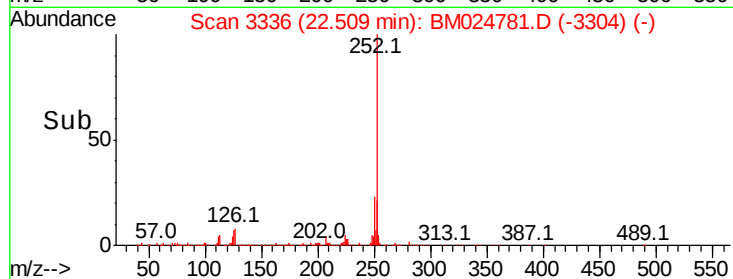
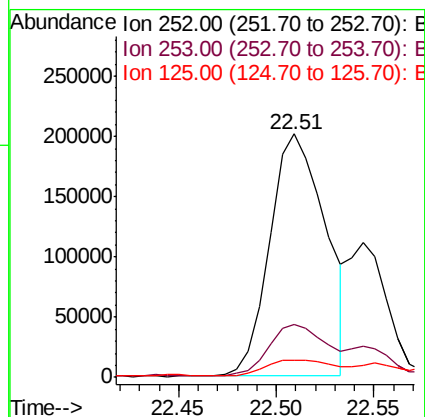
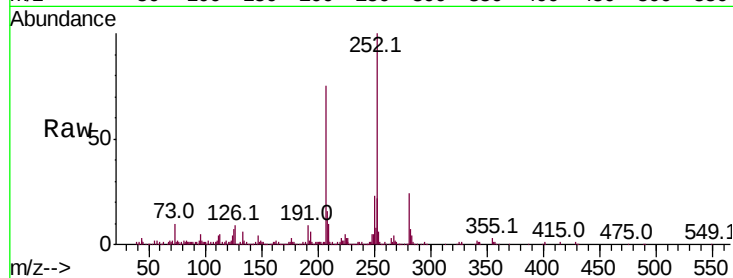
Acq: 08 Feb 2020 03:41

Instrument :

BNA_M

ClientSampled :

Tot Ion:252	Resp:	399103
Ion Ratio	Lower	Upper
252	100	
253	21.6	17.3 25.9
125	7.1	5.1 7.7



#89

Benzo(k)fluoranthene

Concen: 3.688 ng/ul

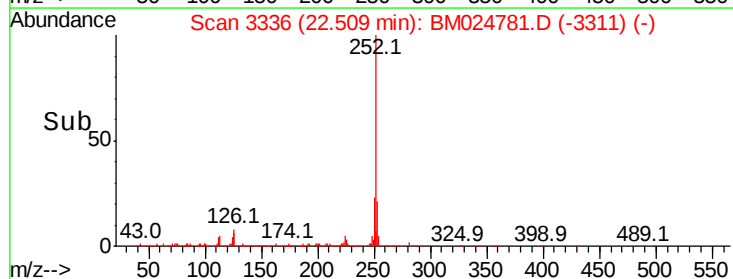
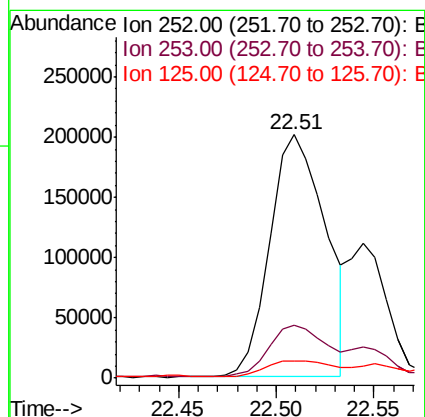
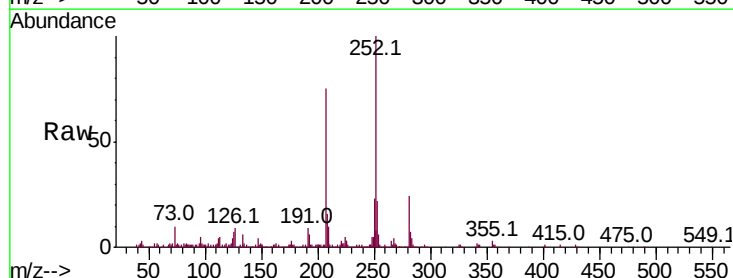
RT: 22.51 min Scan# 3336

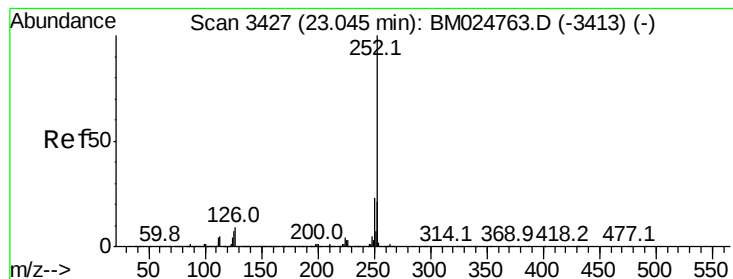
Delta R.T. -0.05 min

Lab File: BM024781.D

Acq: 08 Feb 2020 03:41

Tgt Ion:252	Resp:	399103
Ion Ratio	Lower	Upper
252	100	
253	21.6	17.4 26.0
125	7.1	5.1 7.7

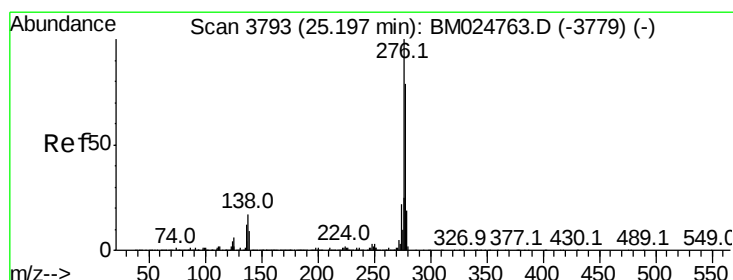
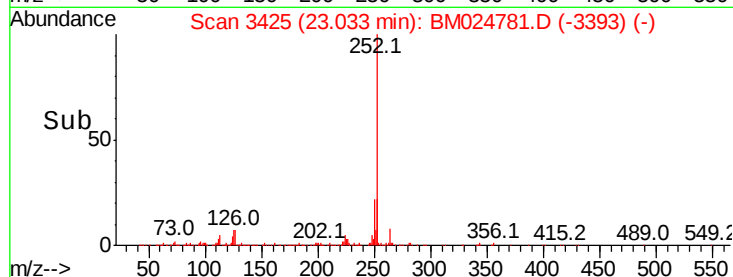
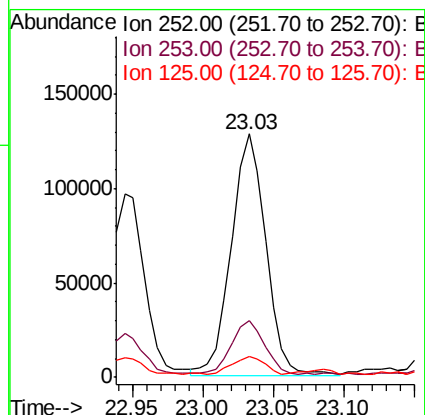
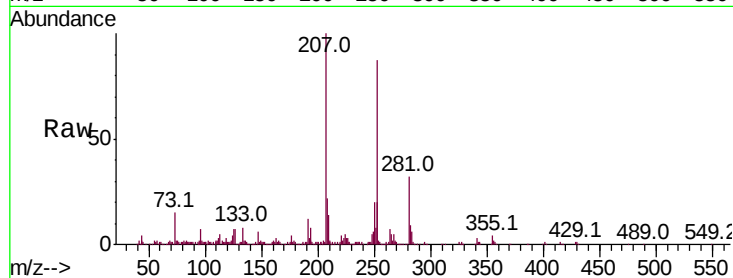




#91
Benzo(a)pyrene
Concen: 2.162 ng/ul
RT: 23.03 min Scan# 3425
Delta R.T. -0.01 min
Lab File: BM024781.D
Acq: 08 Feb 2020 03:41

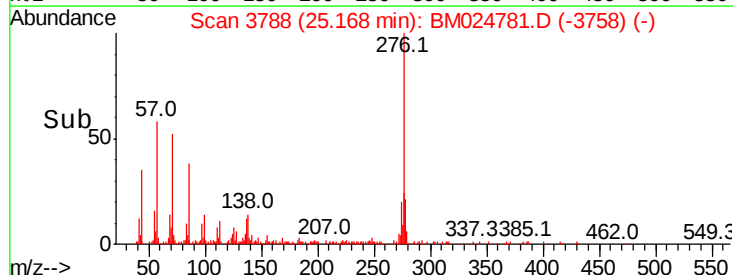
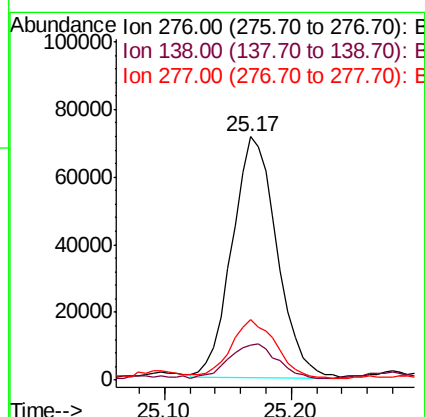
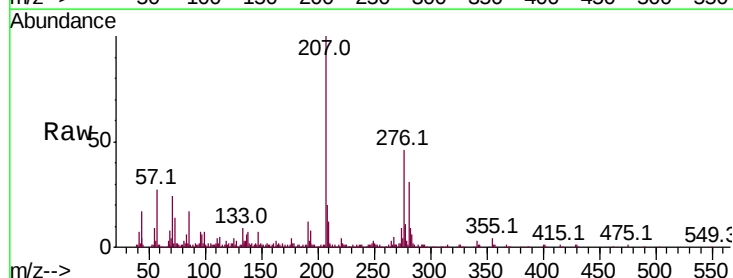
Instrument :
BNA_M
ClientSampleId :

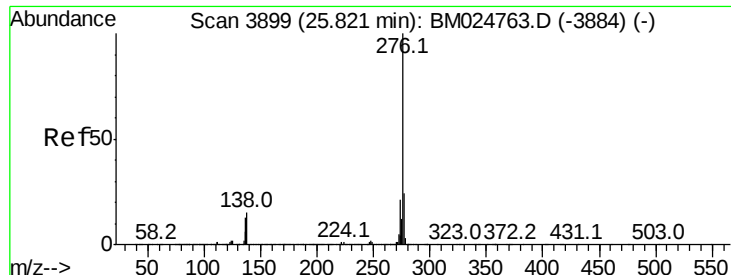
Tot Ion:252 Resp: 217962
Ion Ratio Lower Upper
252 100
253 23.4 17.5 26.3
125 8.5 5.6 8.4#



#92
Indeno(1,2,3-cd)pyrene
Concen: 1.391 ng/ul
RT: 25.17 min Scan# 3788
Delta R.T. -0.02 min
Lab File: BM024781.D
Acq: 08 Feb 2020 03:41

Tgt Ion:276 Resp: 174537
Ion Ratio Lower Upper
276 100
138 14.3 12.8 19.2
277 24.8 19.3 28.9





#94

Benzo(a,h,i)perylene

Concen: 1.174 ng/ul

RT: 25.79 min Scan# 3894

Delta R.T. -0.02 min

Lab File: BM024781.D

Acq: 08 Feb 2020 03:41

Instrument :

BNA_M

ClientSampleId :

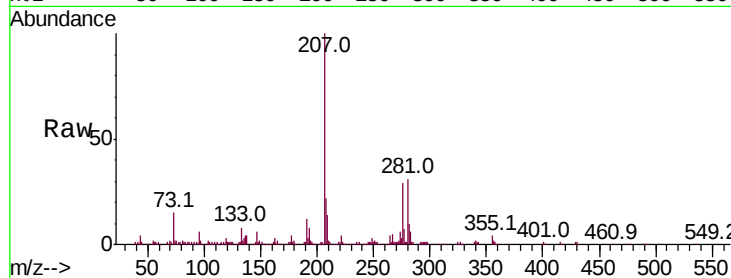
Tot Ion:276 Resp: 122531

Ion Ratio Lower Upper

276 100

138 14.3 11.8 17.6

277 25.6 19.0 28.6



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

