

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020620\
 Data File : BM024783.D
 Acq On : 08 Feb 2020 04:53
 Operator : CG/JU
 Sample : L1400-03
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB6G9

Quant Time: Feb 08 06:04:15 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	300084	20.00	ng/ul	0.00
18) Naphthalene-d8	10.16	136	1200089	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.06	164	808110	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.81	188	1809539	20.00	ng/ul	0.00
78) Chrysene-d12	21.02	240	1815665	20.00	ng/ul	-0.01
86) Perylene-d12	23.13	264	1884333	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.02	96	22813	3.66	ng/uL	0.00
5) Phenol-d5	6.60	99	386612	19.39	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	6.76	67	256298	22.76	ng/ul	0.00
9) 2-Chlorophenol-d4	6.95	132	362732	20.31	ng/ul	0.00
13) 4-Methylphenol-d8	8.12	113	343524	20.42	ng/ul	-0.01
19) Nitrobenzene-d5	8.54	128	188871	21.76	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.26	143	224954	21.94	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.79	165	390295	18.87	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.30	131	493970	25.53	ng/ul	0.00
44) Dimethylphthalate-d6	13.48	166	1396351	22.89	ng/ul	0.00
47) Acenaphthylene-d8	13.74	160	1472852	20.67	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.28	143	179471	18.11	ng/ul	0.00
58) Fluorene-d10	15.06	176	1138785	21.08	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.19	200	201588	17.09	ng/ul	0.00
71) Anthracene-d10	16.91	188	1692228	20.49	ng/ul	0.00
79) Pyrene-d10	19.22	212	1826578	20.11	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.99	264	1832578	19.36	ng/ul	-0.01

Target Compounds

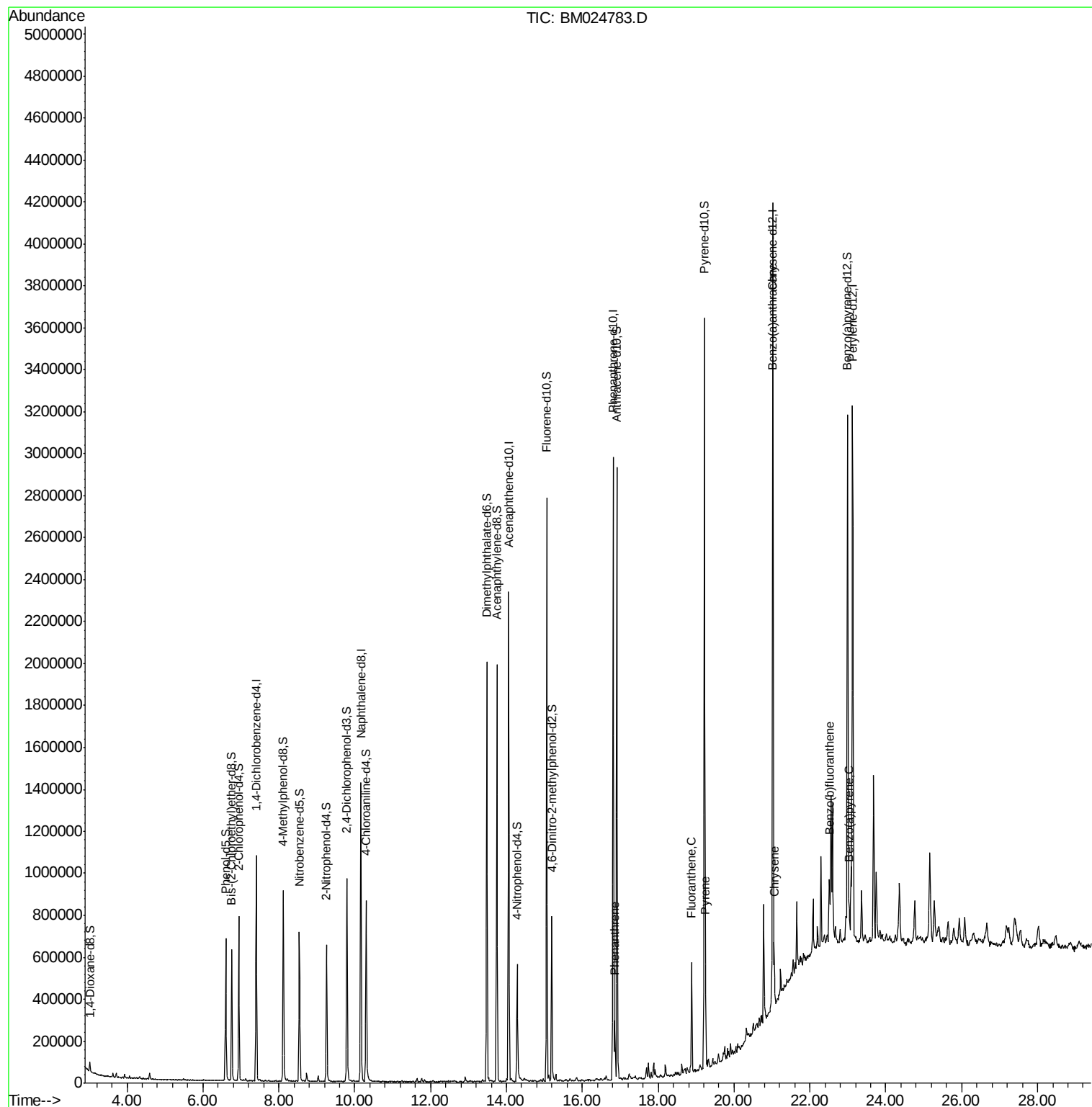
					Ovalue	
70) Phenanthrene	16.85	178	168072	1.703	ng/ul	99
77) Fluoranthene	18.88	202	328539	2.712	ng/ul	98
80) Pyrene	19.24	202	279203	2.323	ng/ul	99
83) Benzo(a)anthracene	21.01	228	175359	1.434	ng/ul	99
85) Chrysene	21.06	228	181471	1.507	ng/ul	100
88) Benzo(b)fluoranthene	22.51	252	255102	2.129	ng/ul#	97
91) Benzo(a)pyrene	23.03	252	121771	1.134	ng/ul#	96

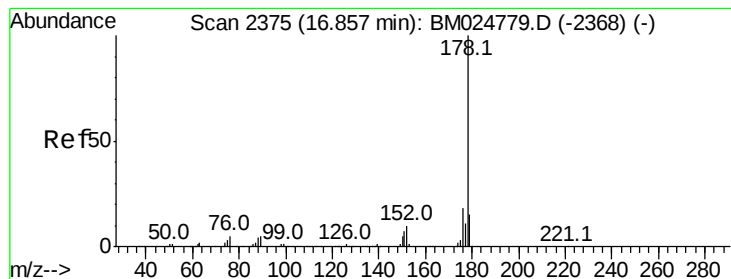
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#70

Phenanthrene

Concen: 1.703 ng/ul

RT: 16.85 min Scan# 2374

Delta R.T. -0.01 min

Lab File: BM024783.D

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Instrument :

BNA_M

ClientSampleId :

CB6G9

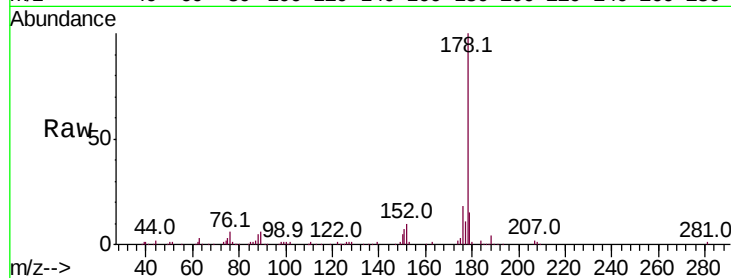
Tot Ion:178 Resp: 168072

Ion Ratio Lower Upper

178 100

179 15.0 12.2 18.2

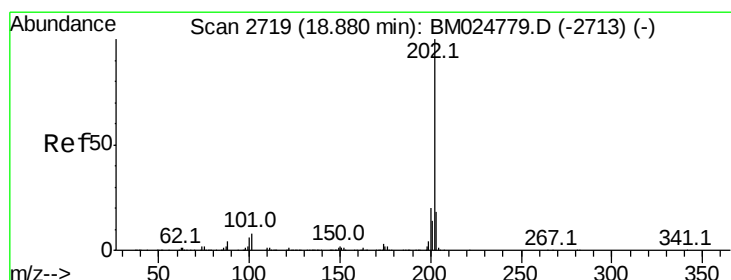
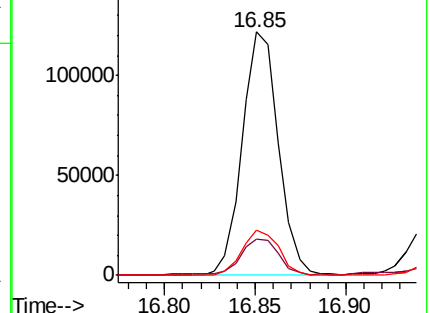
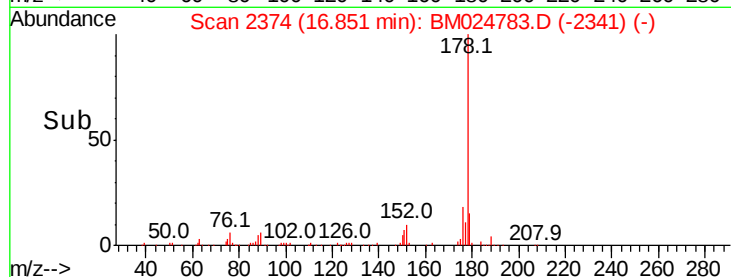
176 18.5 14.5 21.7



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: 2.712 ng/ul

RT: 18.88 min Scan# 2719

Delta R.T. -0.01 min

Lab File: BM024783.D

Acq: 08 Feb 2020 04:53

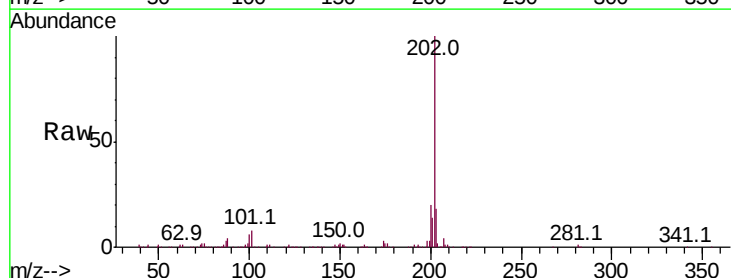
Tgt Ion:202 Resp: 328539

Ion Ratio Lower Upper

202 100

101 8.4 6.1 9.1

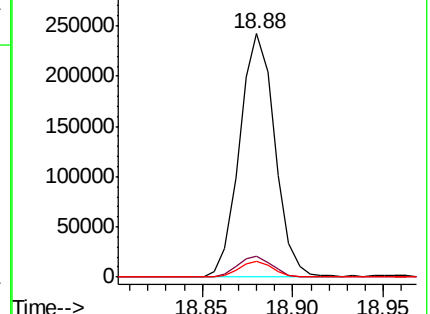
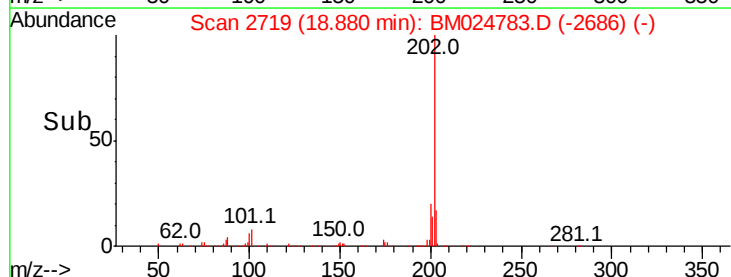
100 6.3 4.8 7.2

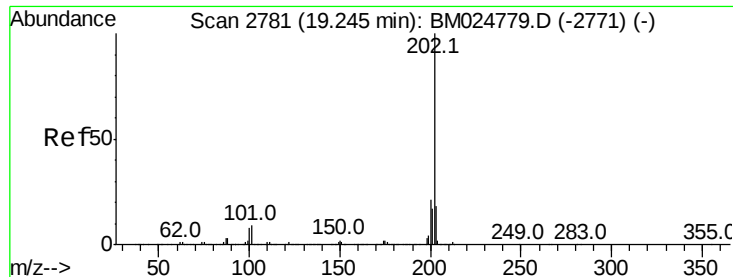


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

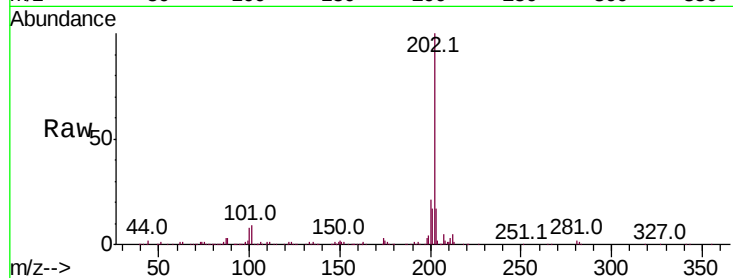




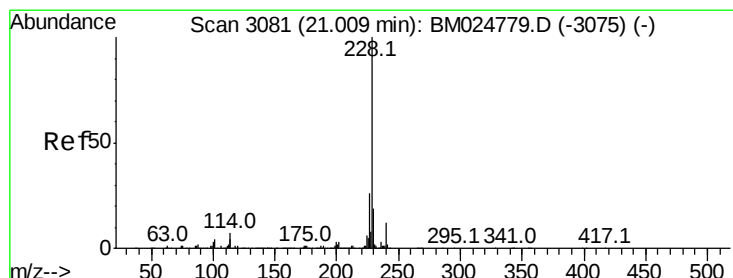
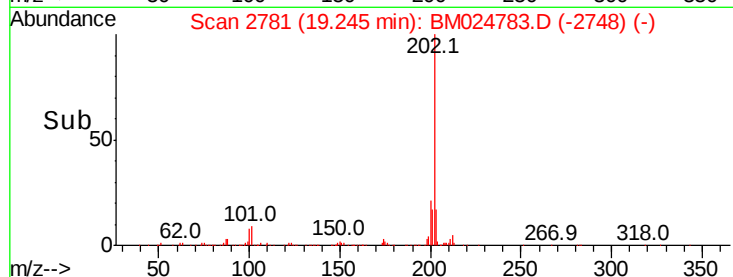
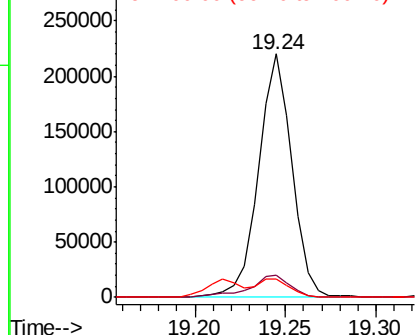
#80
Pvrene
Concen: 2.323 ng/ul
RT: 19.24 min Scan# 2781
Delta R.T. -0.01 min
Lab File: BM024783.D
Acq: 08 Feb 2020 04:53

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BNA_M
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
202	100		
101	9.2	7.0	10.4
100	7.7	5.8	8.8

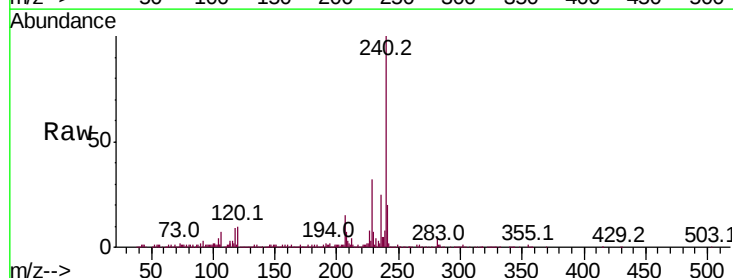


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

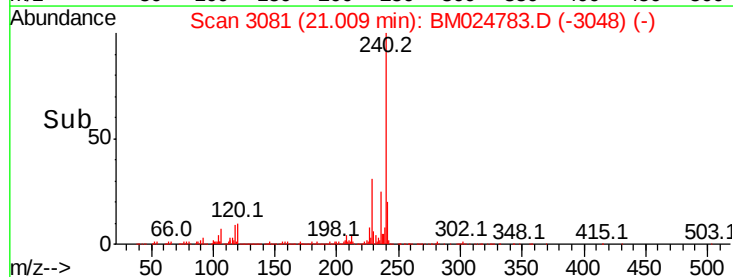
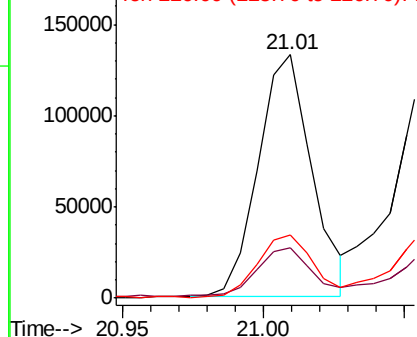


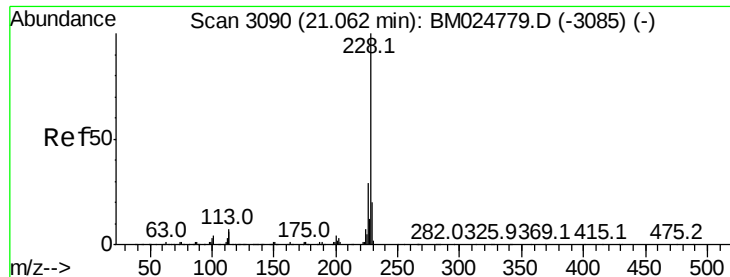
#83
Benzo(a)anthracene
Concen: 1.434 ng/ul
RT: 21.01 min Scan# 3081
Delta R.T. -0.01 min
Lab File: BM024783.D
Acq: 08 Feb 2020 04:53

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.8	15.9	23.9
226	25.9	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: 1.507 ng/ul

RT: 21.06 min Scan# 3089

Delta R.T. -0.01 min

Lab File: BM024783.D

Acq: 08 Feb 2020 04:53

Instrument :

BNA_M

ClientSampleId :

CB6G9

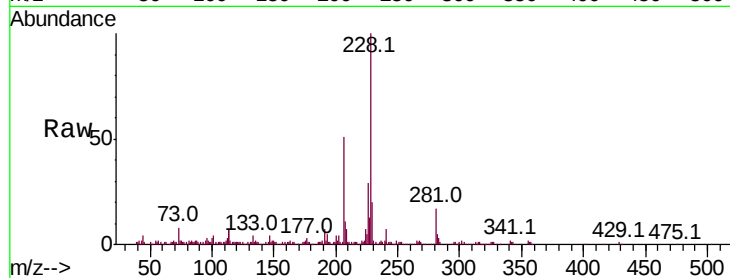
Tot Ion:228 Resp: 181471

Ion Ratio Lower Upper

228 100

226 28.9 23.0 34.4

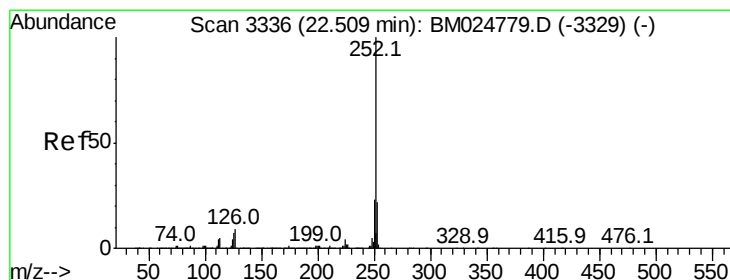
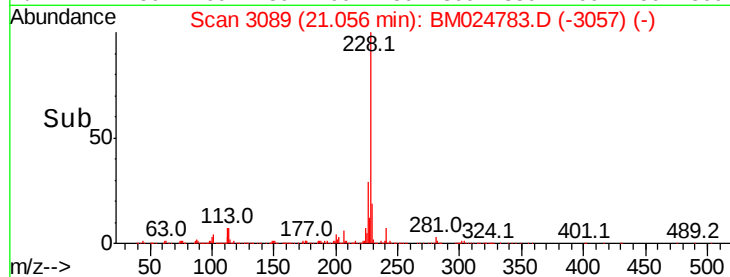
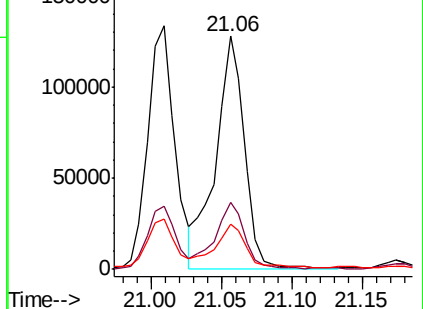
229 19.5 15.8 23.8



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: 2.129 ng/ul

RT: 22.51 min Scan# 3336

Delta R.T. -0.01 min

Lab File: BM024783.D

Acq: 08 Feb 2020 04:53

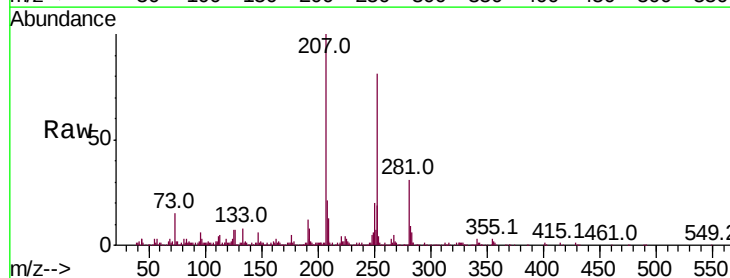
Tgt Ion:252 Resp: 255102

Ion Ratio Lower Upper

252 100

253 23.0 17.3 25.9

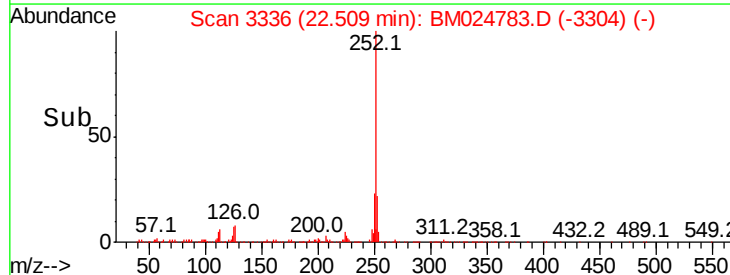
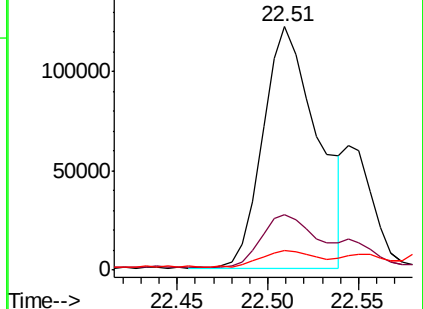
125 8.1 5.1 7.7#

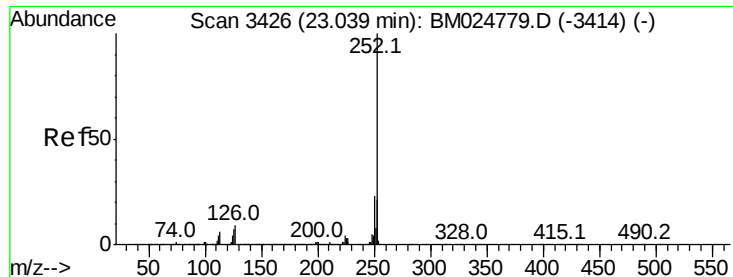


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Benzo(a)pyrene

Concen: 1.134 ng/ul

RT: 23.03 min Scan# 3425

Delta R.T. -0.01 min

Lab File: BM024783.D

Acq: 08 Feb 2020 04:53

Instrument :

BNA_M

ClientSampleId :

CB6G9

Tot Ion:252 Resp: 121771

Ion Ratio Lower Upper

252 100

253 23.0 17.5 26.3

125 10.6 5.6 8.4#

