

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020620\
 Data File : BM024773.D
 Acq On : 07 Feb 2020 22:17
 Operator : CG/JU
 Sample : L1399-18
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Feb 08 00:38:12 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	298898	20.00	ng/ul	0.00
18) Naphthalene-d8	10.16	136	1204880	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.06	164	814624	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.82	188	1803409	20.00	ng/ul	0.00
78) Chrysene-d12	21.03	240	1792791	20.00	ng/ul	0.00
86) Perylene-d12	23.13	264	1858282	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.02	96	25646	4.13	ng/uL	0.00
5) Phenol-d5	6.60	99	447292	22.53	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.76	67	296778	26.46	ng/ul	0.00
9) 2-Chlorophenol-d4	6.95	132	421767	23.71	ng/ul	0.00
13) 4-Methylphenol-d8	8.12	113	397231	23.71	ng/ul	0.00
19) Nitrobenzene-d5	8.55	128	218976	25.13	ng/ul	0.00
22) 2-Nitrophenol-d4	9.26	143	262042	25.45	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.80	165	458428	22.07	ng/ul	0.00
29) 4-Chloroaniline-d4	10.30	131	566702	29.17	ng/ul	0.00
44) Dimethylphthalate-d6	13.49	166	1641636	26.70	ng/ul	0.00
47) Acenaphthylene-d8	13.75	160	1711997	23.84	ng/ul	0.00
52) 4-Nitrophenol-d4	14.28	143	212546	21.27	ng/ul	0.00
58) Fluorene-d10	15.06	176	1341112	24.63	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.19	200	250481	21.31	ng/ul	0.00
71) Anthracene-d10	16.91	188	1935982	23.52	ng/ul	0.00
79) Pyrene-d10	19.22	212	2081036	23.21	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.00	264	2114441	22.66	ng/ul	0.00

Target Compounds

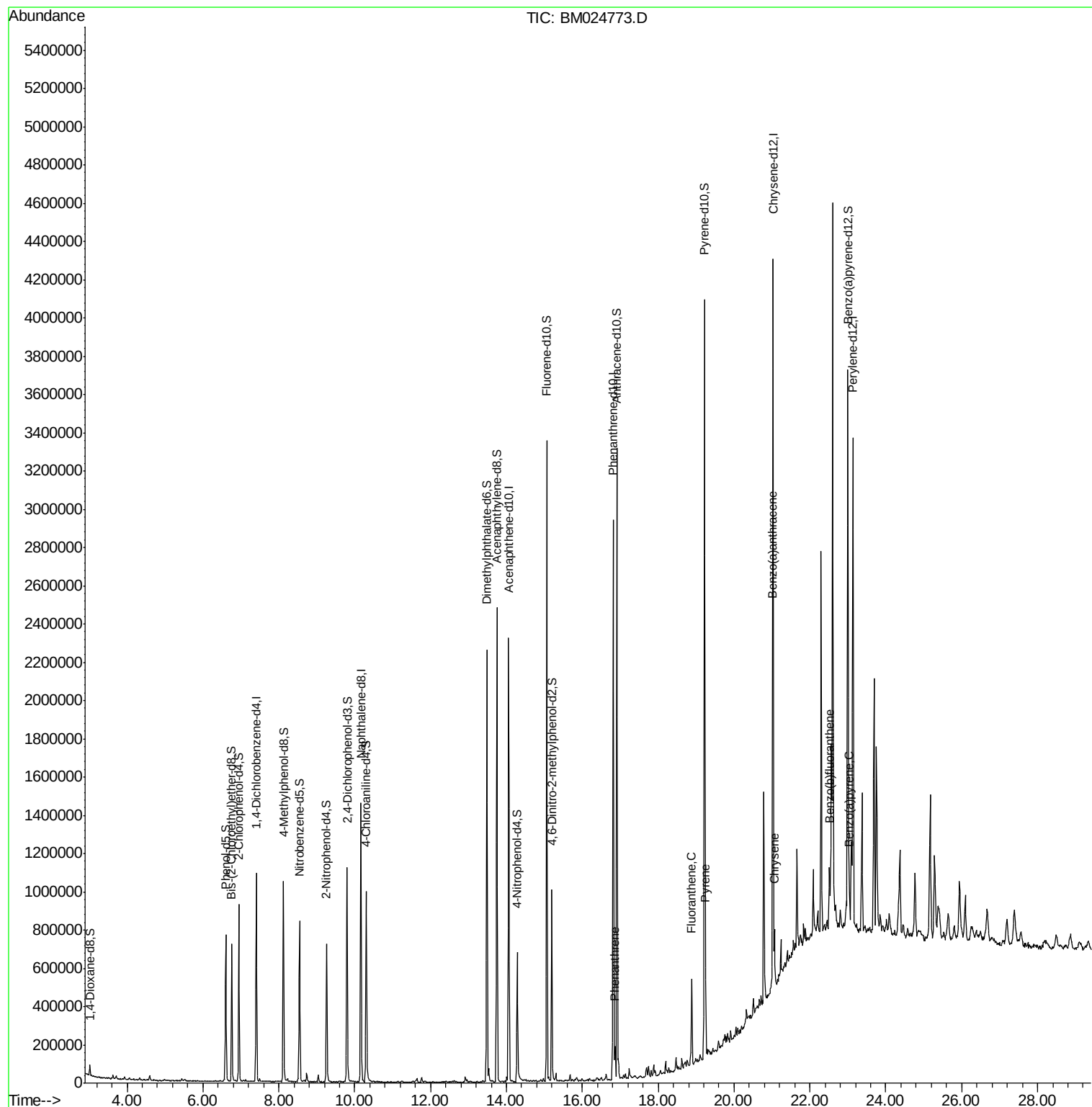
				Ovalue	
70) Phenanthrene	16.86	178	103774	1.055	ng/ul 98
77) Fluoranthene	18.88	202	294151	2.437	ng/ul 100
80) Pyrene	19.24	202	258638	2.179	ng/ul 97
83) Benzo(a)anthracene	21.01	228	163096	1.351	ng/ul 97
85) Chrysene	21.06	228	172057	1.447	ng/ul 99
88) Benzo(b)fluoranthene	22.52	252	240653	2.037	ng/ul# 96
91) Benzo(a)pyrene	23.04	252	128125	1.209	ng/ul# 97

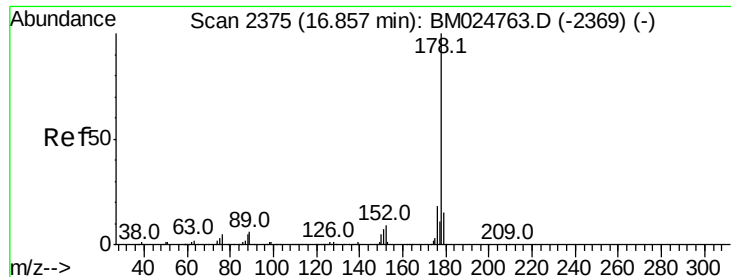
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#70

Phenanthrene

Concen: 1.055 ng/ul

RT: 16.86 min Scan# 2375

Delta R.T. 0.00 min

Lab File: BM024773.D

Acq: 07 Feb 2020 22:17

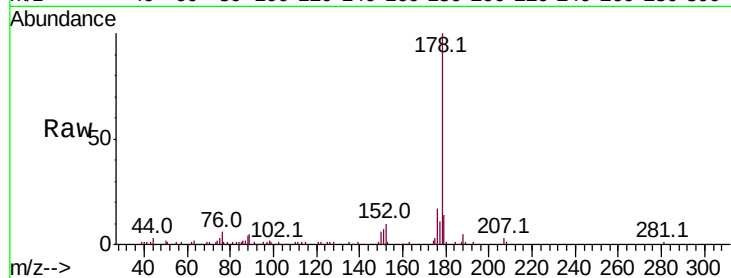
Instrument :

BNA_M

ClientSampleId :

Tot Ion:178 Resp: 103774

Ion	Ratio	Lower	Upper
178	100		
179	14.2	12.2	18.2
176	17.4	14.5	21.7

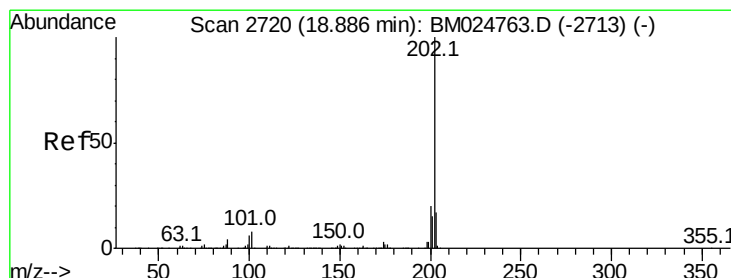
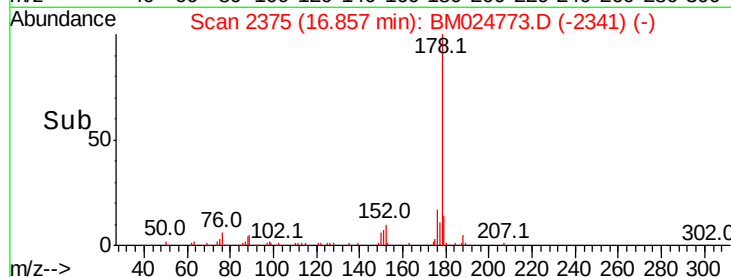
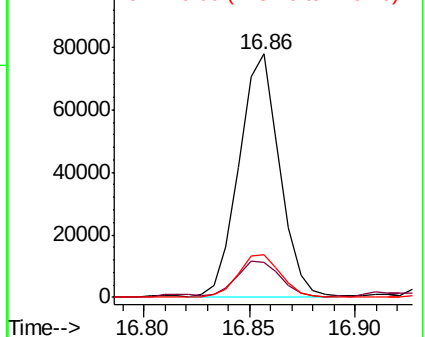


Abundance

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: 2.437 ng/ul

RT: 18.88 min Scan# 2719

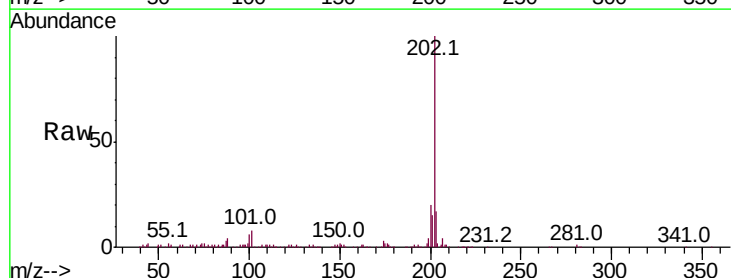
Delta R.T. -0.01 min

Lab File: BM024773.D

Acq: 07 Feb 2020 22:17

Tgt Ion:202 Resp: 294151

Ion	Ratio	Lower	Upper
202	100		
101	7.7	6.1	9.1
100	6.0	4.8	7.2

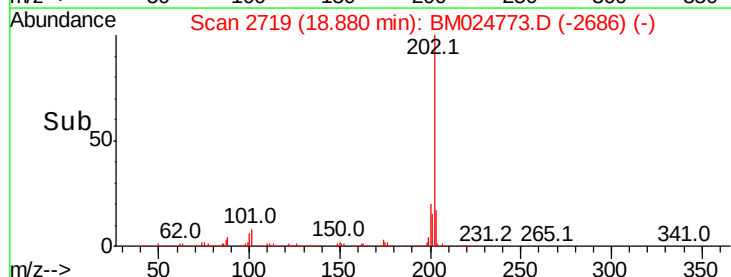
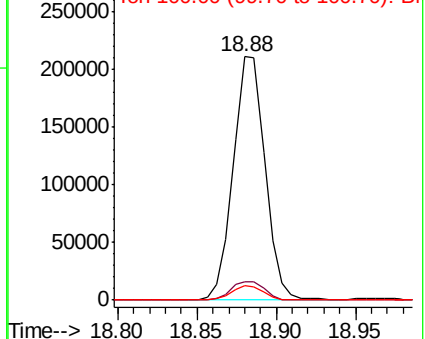


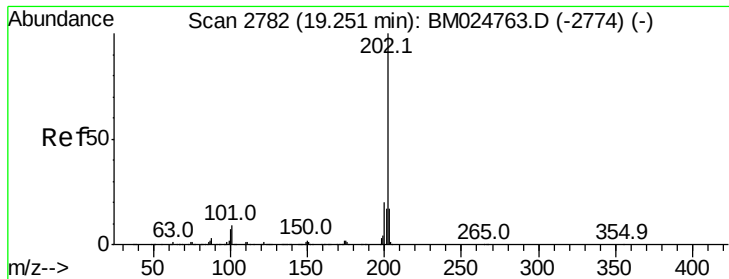
Abundance

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

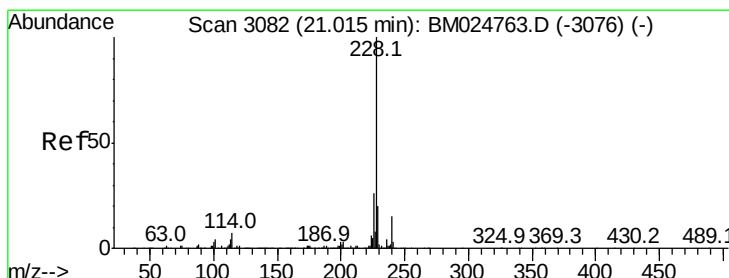
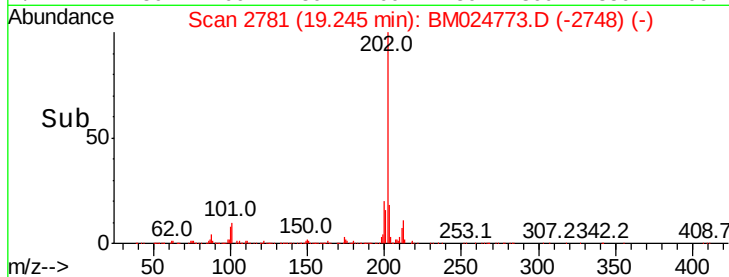
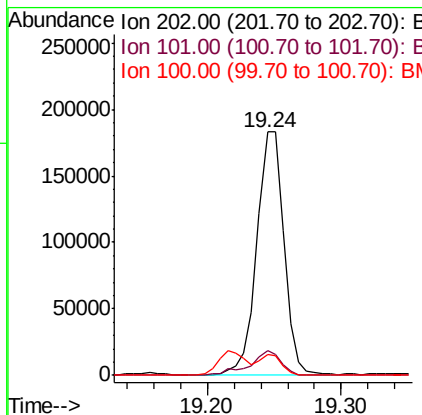
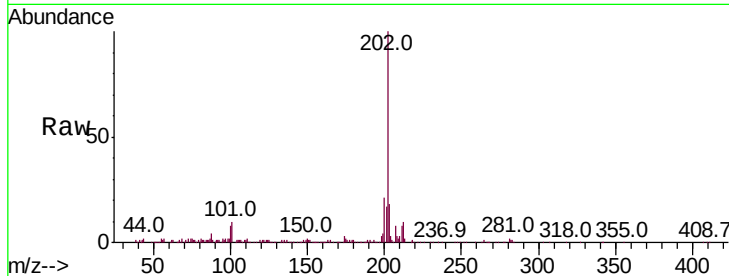




#80
Pvrene
Concen: 2.179 ng/ul
RT: 19.24 min Scan# 2781
Delta R.T. -0.01 min
Lab File: BM024773.D
Acq: 07 Feb 2020 22:17

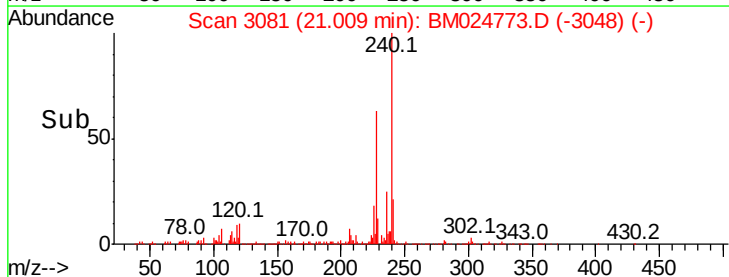
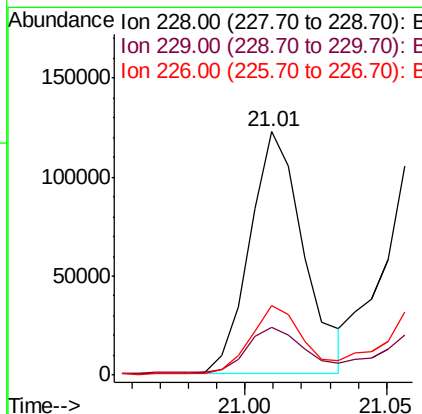
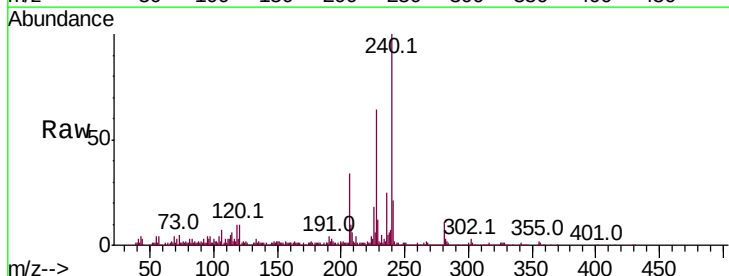
Instrument :
BNA_M
ClientSampleId :

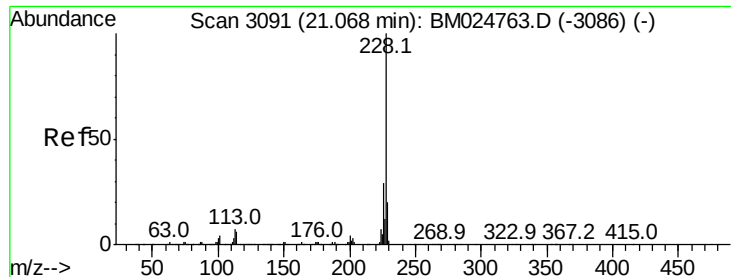
Tot Ion	Ratio	Lower	Upper
202	100		
101	10.0	7.0	10.4
100	8.4	5.8	8.8



#83
Benzo(a)anthracene
Concen: 1.351 ng/ul
RT: 21.01 min Scan# 3081
Delta R.T. -0.01 min
Lab File: BM024773.D
Acq: 07 Feb 2020 22:17

Tgt Ion	Ratio	Lower	Upper
228	100		
229	19.4	15.9	23.9
226	28.5	20.8	31.2





#85

Chrysene

Concen: 1.447 ng/ul

RT: 21.06 min Scan# 3090

Delta R.T. -0.01 min

Lab File: BM024773.D

Acq: 07 Feb 2020 22:17

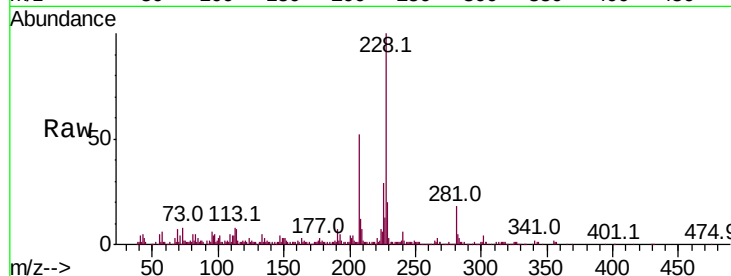
Instrument :

BNA_M

ClientSampleId :

Tot Ion:228 Resp: 172057

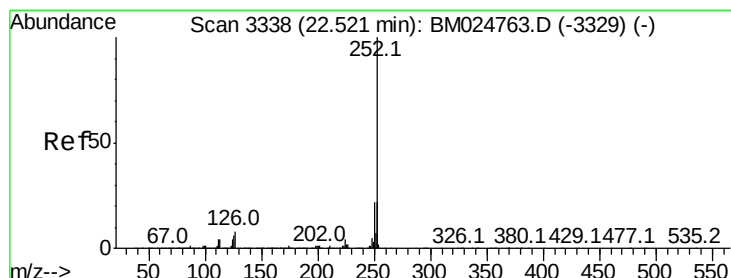
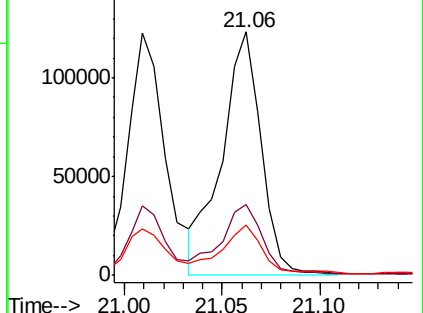
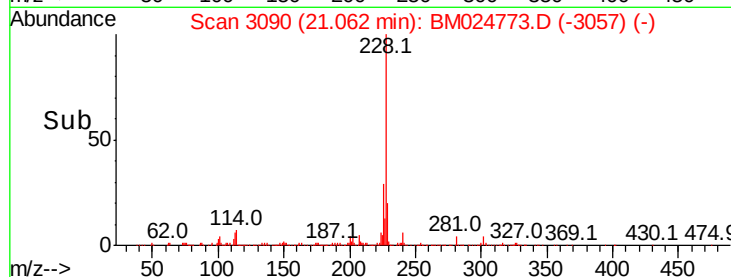
Ion	Ratio	Lower	Upper
228	100		
226	29.0	23.0	34.4
229	20.4	15.8	23.8



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: 2.037 ng/ul

RT: 22.52 min Scan# 3337

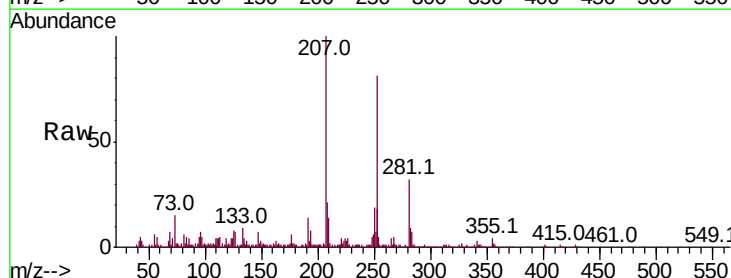
Delta R.T. -0.01 min

Lab File: BM024773.D

Acq: 07 Feb 2020 22:17

Tgt Ion:252 Resp: 240653

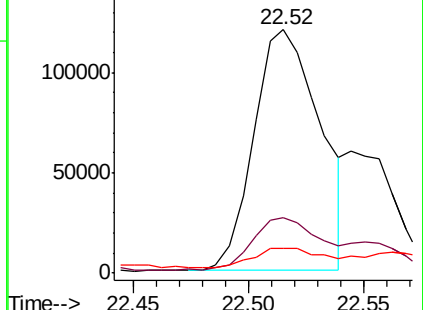
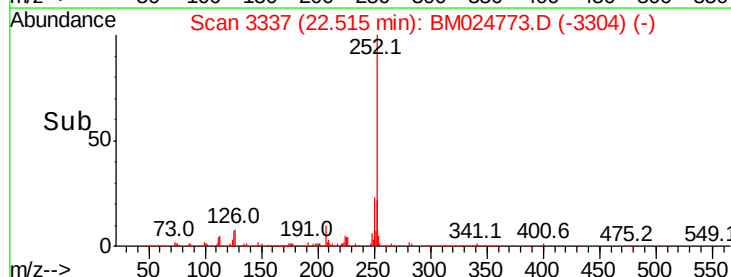
Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.3	25.9
125	10.1	5.1	7.7#

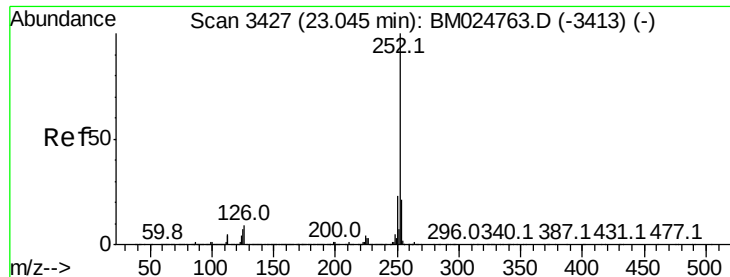


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Benzo(a)pyrene

Concen: 1.209 ng/ul

RT: 23.04 min Scan# 3426

Delta R.T. -0.01 min

Lab File: BM024773.D

Acq: 07 Feb 2020 22:17

Instrument :

BNA_M

ClientSampleId :

Tot Ion:	252	Resp:	128125
Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.5	26.3
125	9.9	5.6	8.4

