

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020620\
 Data File : BM024774.D
 Acq On : 07 Feb 2020 22:53
 Operator : CG/JU
 Sample : L1399-19
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Feb 08 00:38:19 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	296363	20.00	ng/ul	0.00
18) Naphthalene-d8	10.16	136	1161980	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.06	164	777458	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.82	188	1712035	20.00	ng/ul	0.00
78) Chrysene-d12	21.03	240	1711855	20.00	ng/ul	0.00
86) Perylene-d12	23.13	264	1791295	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.02	96	23635	3.84	ng/uL	0.00
5) Phenol-d5	6.60	99	420718	21.37	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.76	67	278903	25.08	ng/ul	0.00
9) 2-Chlorophenol-d4	6.95	132	391988	22.22	ng/ul	0.00
13) 4-Methylphenol-d8	8.12	113	342945	20.64	ng/ul	0.00
19) Nitrobenzene-d5	8.55	128	207219	24.66	ng/ul	0.00
22) 2-Nitrophenol-d4	9.26	143	244681	24.64	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.80	165	419175	20.93	ng/ul	0.00
29) 4-Chloroaniline-d4	10.30	131	514806	27.48	ng/ul	0.00
44) Dimethylphthalate-d6	13.49	166	1477391	25.17	ng/ul	0.00
47) Acenaphthylene-d8	13.75	160	1560562	22.77	ng/ul	0.00
52) 4-Nitrophenol-d4	14.28	143	189713	19.89	ng/ul	0.00
58) Fluorene-d10	15.06	176	1205036	23.19	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.19	200	216862	19.43	ng/ul	0.00
71) Anthracene-d10	16.91	188	1756087	22.47	ng/ul	0.00
79) Pyrene-d10	19.22	212	1908288	22.29	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.00	264	1934424	21.50	ng/ul	0.00

Target Compounds

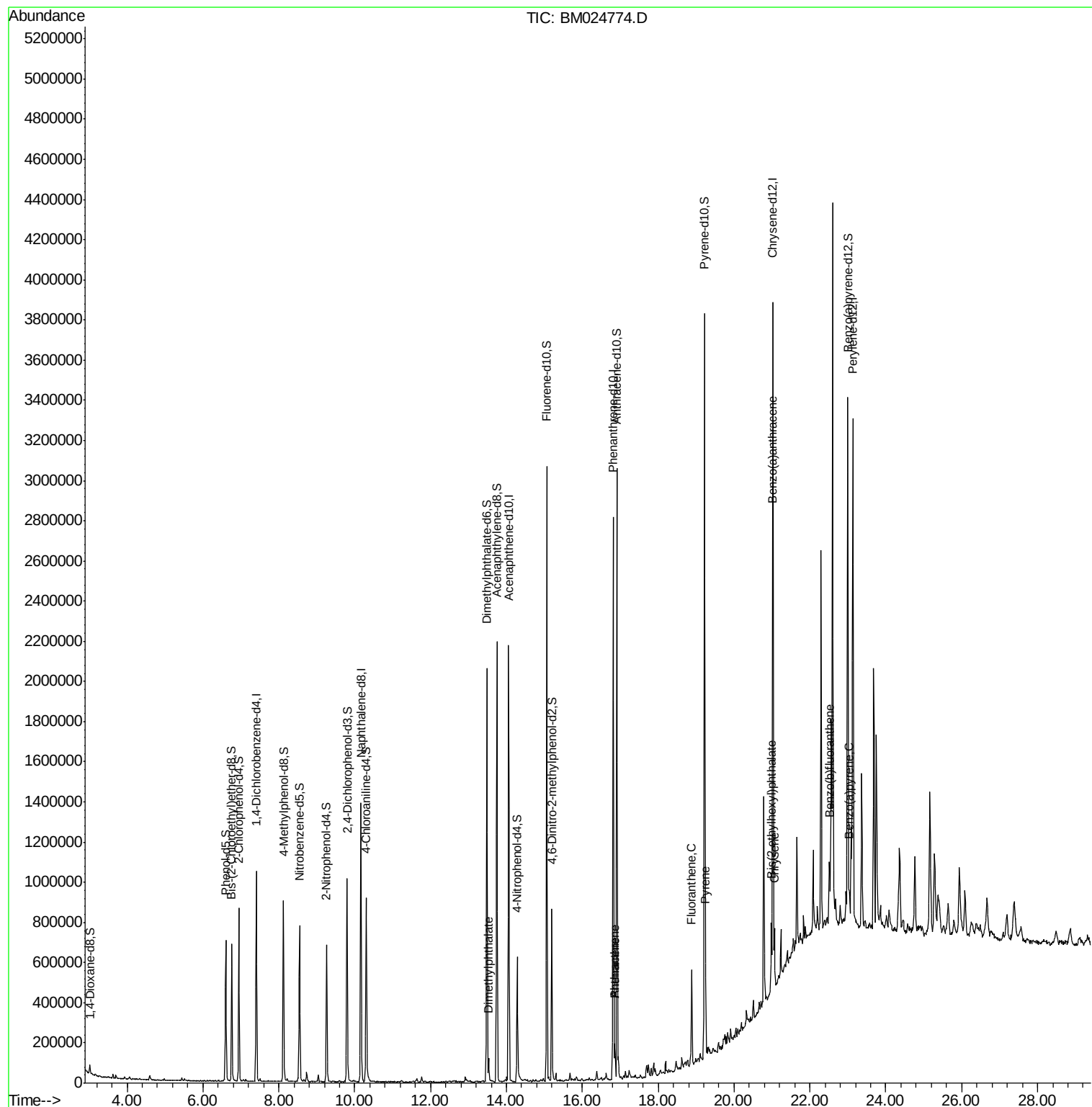
					Ovalue
45) Dimethylphthalate	13.53	163	75794	1.238	ng/ul 100
70) Phenanthrene	16.86	178	106991	1.146	ng/ul 99
72) Anthracene	16.86	178	107319	1.134	ng/ul 100
77) Fluoranthene	18.88	202	292092	2.549	ng/ul 99
80) Pyrene	19.24	202	260009	2.295	ng/ul 99
83) Benzo(a)anthracene	21.01	228	157411	1.365	ng/ul 99
84) Bis(2-ethylhexyl)phthalate	20.99	149	123687	1.844	ng/ul 98
85) Chrysene	21.06	228	175064	1.542	ng/ul 98
88) Benzo(b)fluoranthene	22.52	252	246081	2.160	ng/ul# 96
91) Benzo(a)pyrene	23.04	252	132535	1.298	ng/ul# 98

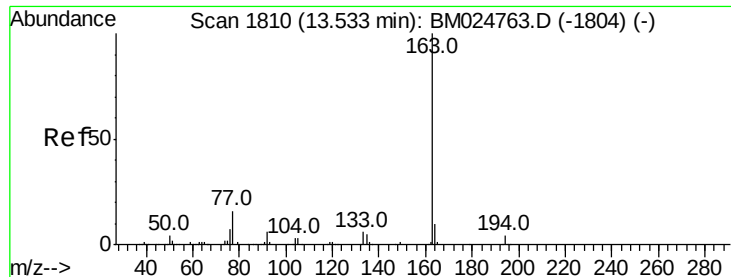
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#45

Dimethylphthalate

Concen: 1.238 ng/ul

RT: 13.53 min Scan# 1809

Delta R.T. -0.01 min

Lab File: BM024774.D

Acq: 07 Feb 2020 22:53

Instrument :

BNA_M

ClientSampleId :

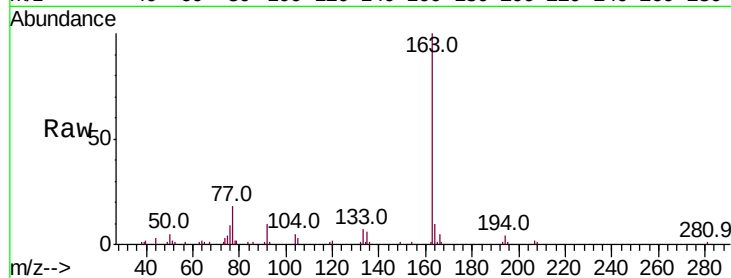
Tot Ion:163 Resp: 75794

Ion Ratio Lower Upper

163 100

194 4.5 3.5 5.3

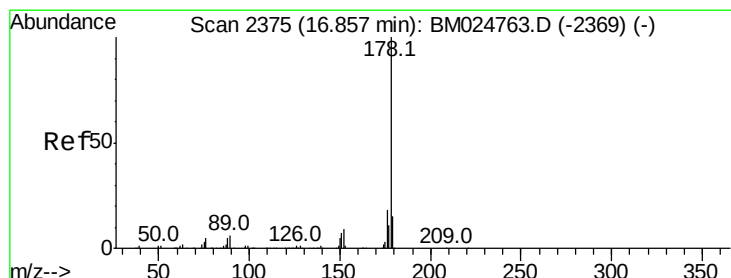
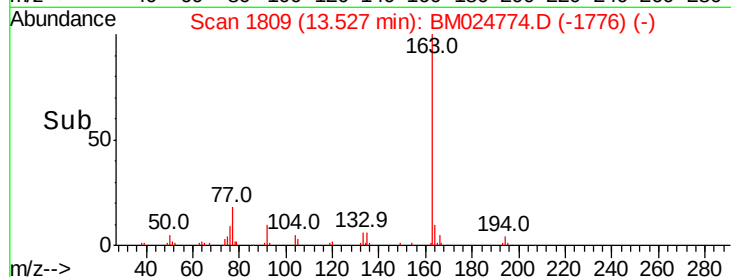
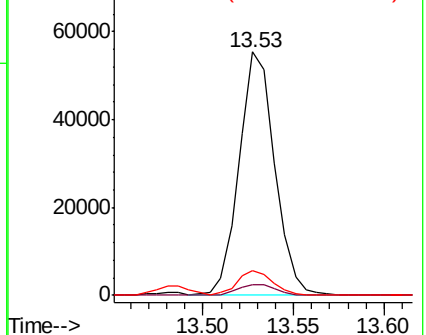
164 10.1 8.2 12.2



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



#70

Phenanthrene

Concen: 1.146 ng/ul

RT: 16.86 min Scan# 2375

Delta R.T. 0.00 min

Lab File: BM024774.D

Acq: 07 Feb 2020 22:53

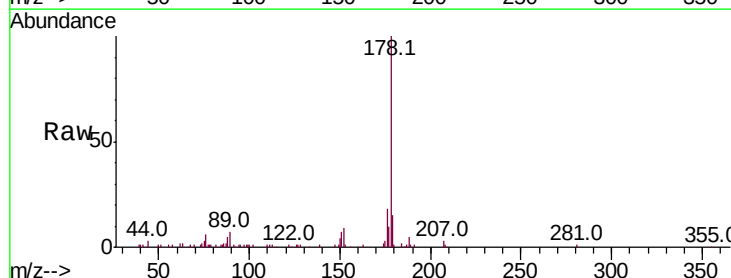
Tgt Ion:178 Resp: 106991

Ion Ratio Lower Upper

178 100

179 15.4 12.2 18.2

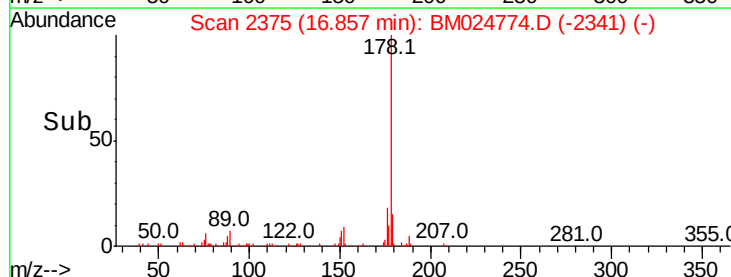
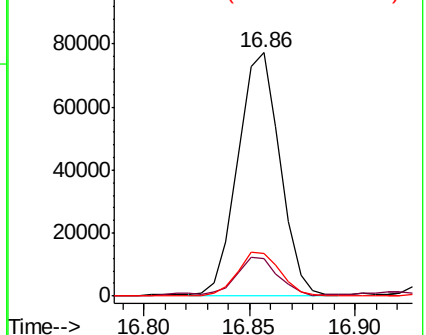
176 17.6 14.5 21.7

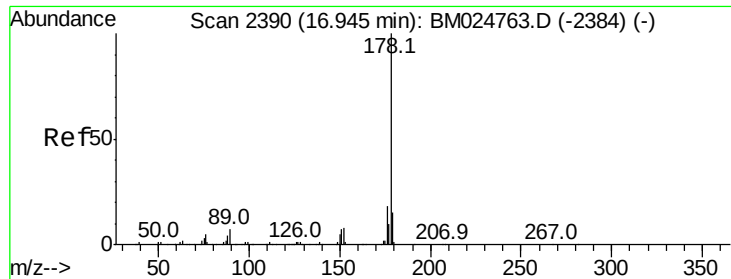


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72

Anthracene

Concen: 1.134 ng/ul

RT: 16.86 min Scan# 2375

Delta R.T. -0.09 min

Lab File: BM024774.D

Acq: 07 Feb 2020 22:53

Instrument :

BNA_M

ClientSampled :

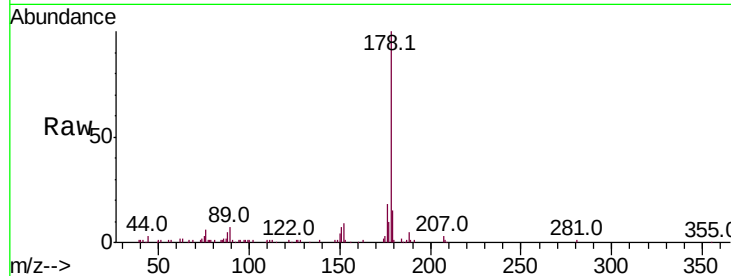
Tot Ion:178 Resp: 107319

Ion Ratio Lower Upper

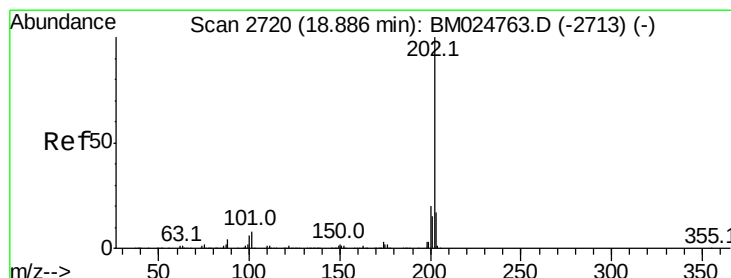
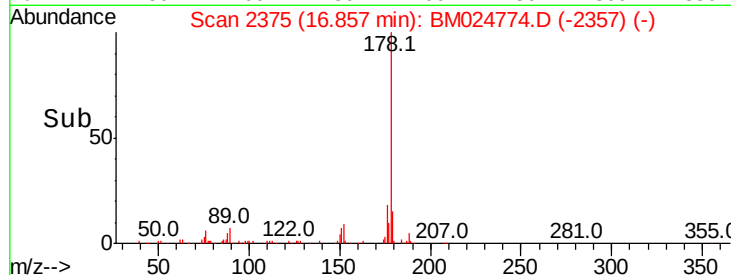
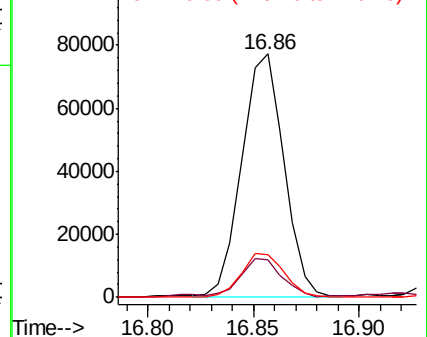
178 100

179 15.4 12.3 18.5

176 17.6 14.1 21.1



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: 2.549 ng/ul

RT: 18.88 min Scan# 2719

Delta R.T. -0.01 min

Lab File: BM024774.D

Acq: 07 Feb 2020 22:53

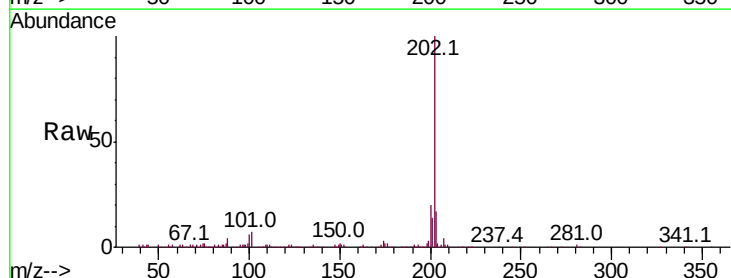
Tgt Ion:202 Resp: 292092

Ion Ratio Lower Upper

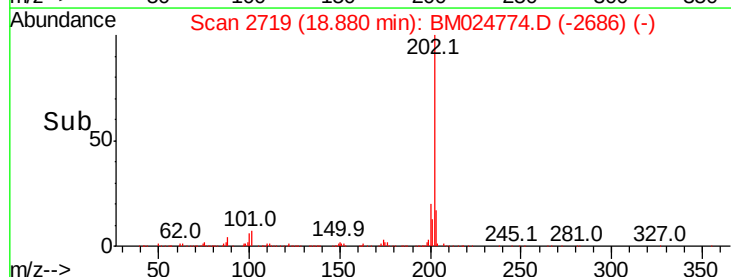
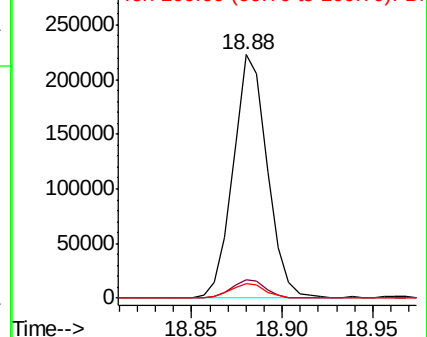
202 100

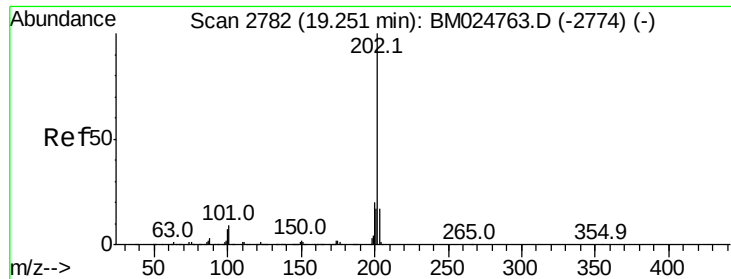
101 7.4 6.1 9.1

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): B

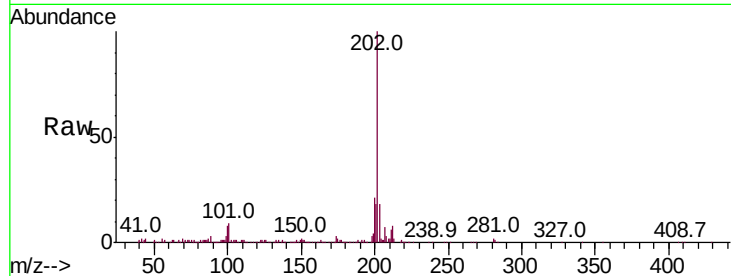




#80
 Pvrene
 Concen: 2.295 ng/ul
 RT: 19.24 min Scan# 2781
 Delta R.T. -0.01 min
 Lab File: BM024774.D
 Acq: 07 Feb 2020 22:53

Instrument :
 BNA_M
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
202	100		
101	8.9	7.0	10.4
100	8.0	5.8	8.8

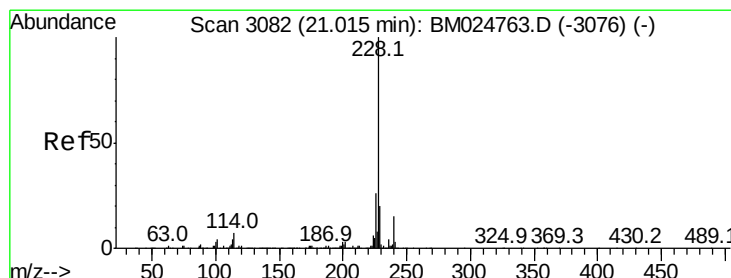
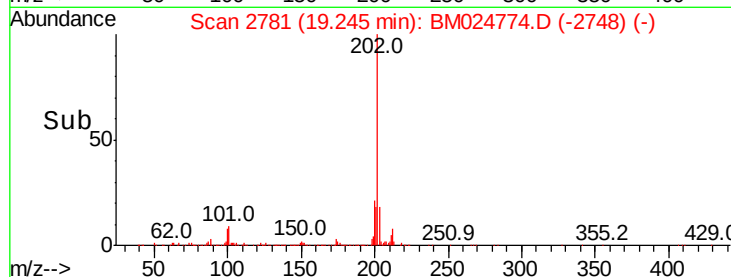
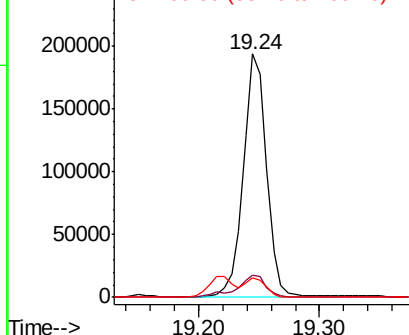


Abundance

Ion 202.00 (201.70 to 202.70): E

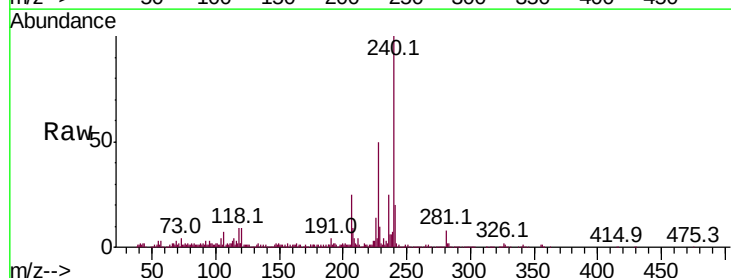
Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#83
 Benzo(a)anthracene
 Concen: 1.365 ng/ul
 RT: 21.01 min Scan# 3081
 Delta R.T. -0.01 min
 Lab File: BM024774.D
 Acq: 07 Feb 2020 22:53

Tgt Ion	Ratio	Lower	Upper
228	100		
229	19.7	15.9	23.9
226	26.9	20.8	31.2

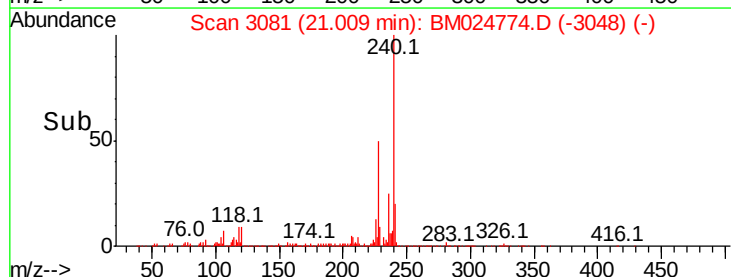
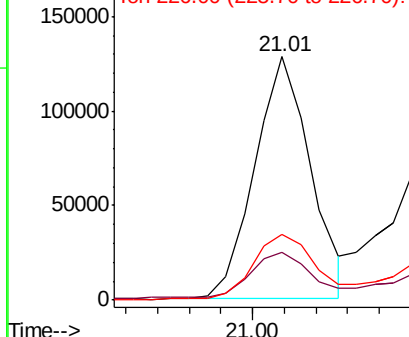


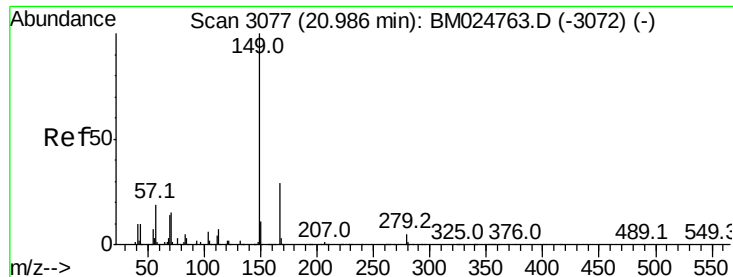
Abundance

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





#84

Bis(2-ethylhexyl)phthalate

Concen: 1.844 ng/ul

RT: 20.99 min Scan# 3077

Delta R.T. -0.01 min

Lab File: BM024774.D

Acq: 07 Feb 2020 22:53

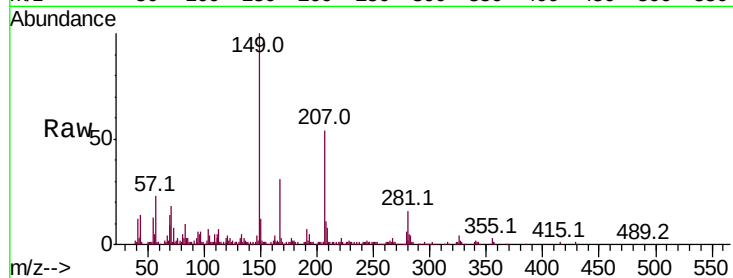
Instrument :

BNA_M

ClientSampleId :

Tot Ion:149 Resp: 123687

Ion	Ratio	Lower	Upper
149	100		
167	30.8	23.4	35.2
279	5.9	4.7	7.1

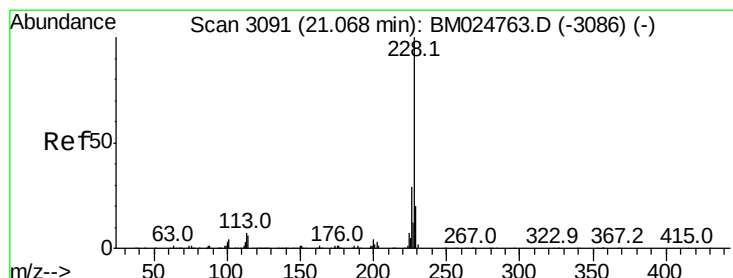
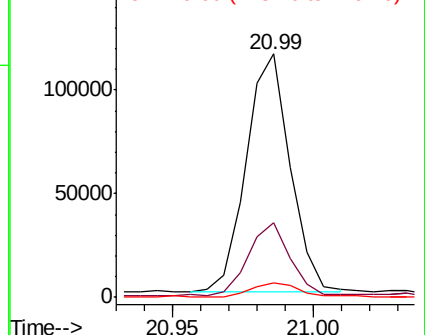
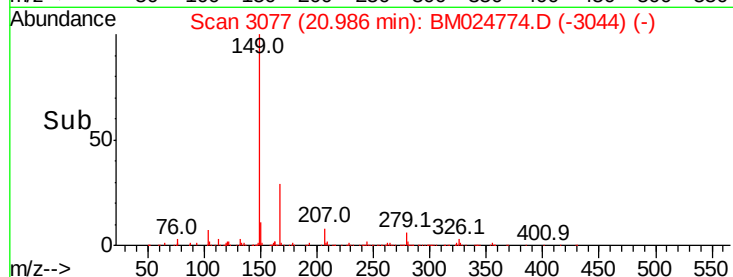


Abundance

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: 1.542 ng/ul

RT: 21.06 min Scan# 3090

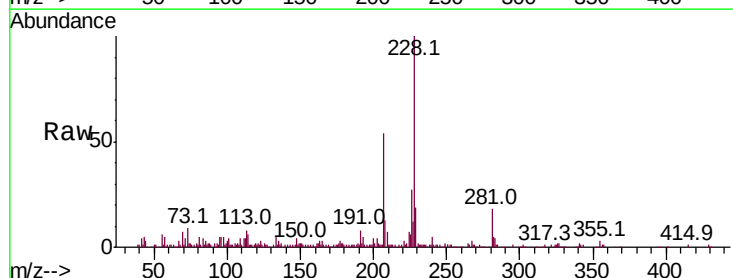
Delta R.T. -0.01 min

Lab File: BM024774.D

Acq: 07 Feb 2020 22:53

Tgt Ion:228 Resp: 175064

Ion	Ratio	Lower	Upper
228	100		
226	27.5	23.0	34.4
229	19.5	15.8	23.8

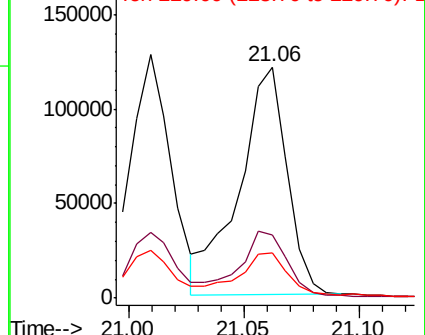
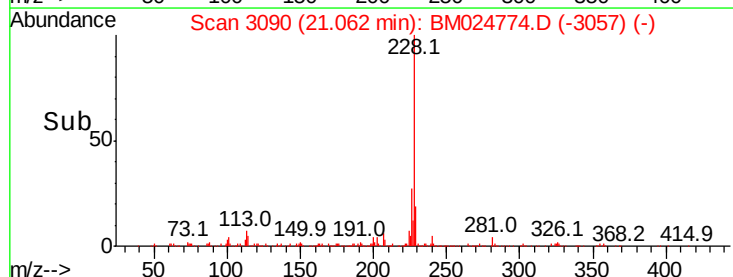


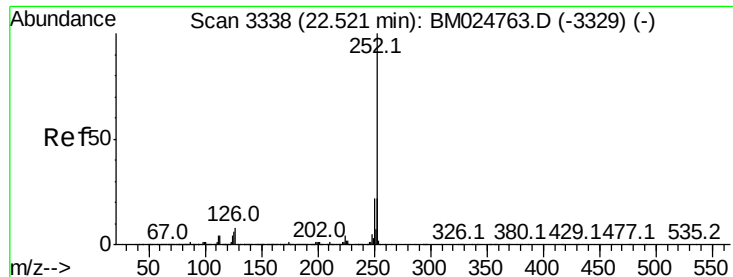
Abundance

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: 2.160 ng/ul

RT: 22.52 min Scan# 3337

Delta R.T. -0.01 min

Lab File: BM024774.D

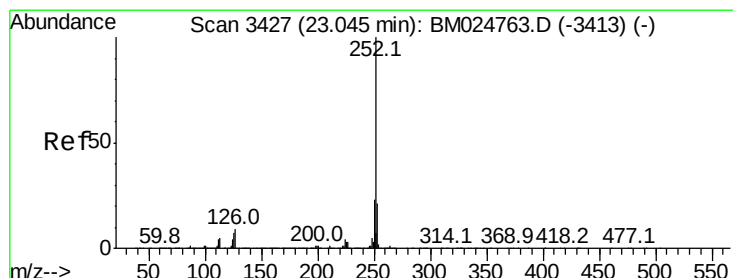
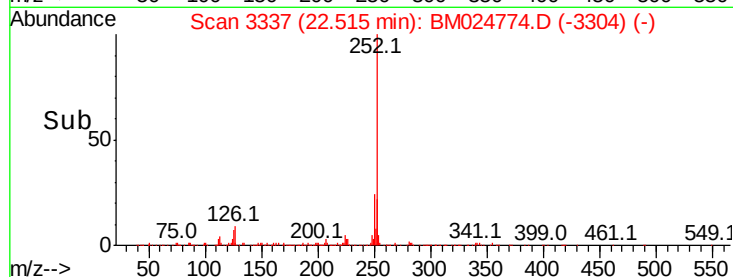
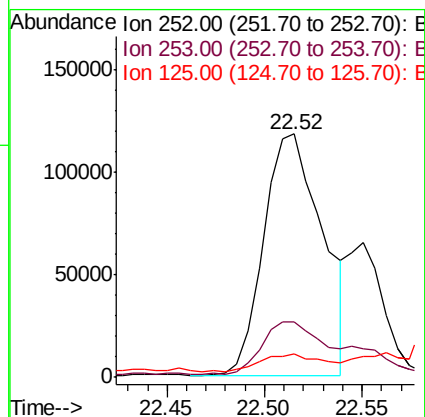
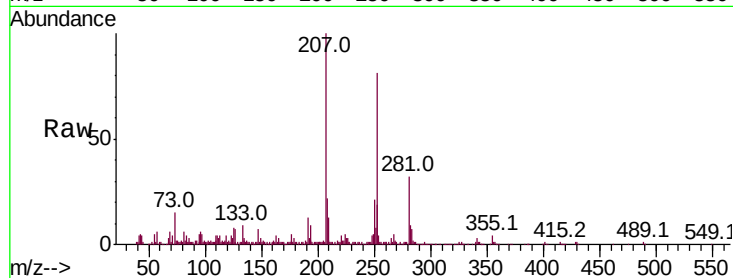
Acq: 07 Feb 2020 22:53

Instrument :

BNA_M

ClientSampleId :

Tot Ion:252	Resp:	246081
Ion Ratio	Lower	Upper
252 100		
253 23.0	17.3	25.9
125 9.5	5.1	7.7#



#91

Benzo(a)pyrene

Concen: 1.298 ng/ul

RT: 23.04 min Scan# 3426

Delta R.T. -0.01 min

Lab File: BM024774.D

Acq: 07 Feb 2020 22:53

Tgt Ion:252	Resp:	132535
Ion Ratio	Lower	Upper
252 100		
253 22.4	17.5	26.3
125 8.9	5.6	8.4#

