

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021920\
 Data File : BM024974.D
 Acq On : 20 Feb 2020 09:51
 Operator : CG/JU
 Sample : L1423-16
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C5AY0

Quant Time: Feb 20 11:08:48 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Feb 19 03:36:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	304216	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.13	136	1120908	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.03	164	656298	20.00	ng/ul	-0.01
62) Phenanthrene-d10	16.79	188	1352289	20.00	ng/ul	-0.01
78) Chrysene-d12	21.00	240	1387694	20.00	ng/ul	0.00
86) Perylene-d12	23.10	264	1521986	20.00	ng/ul	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	3.03	96	30140	4.77	ng/uL	0.00
5) Phenol-d5	6.59	99	468777	23.20	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.74	67	308627	27.04	ng/ul	-0.01
9) 2-Chlorophenol-d4	6.93	132	405488	22.39	ng/ul	-0.01
13) 4-Methylphenol-d8	8.10	113	247981	14.54	ng/ul	-0.01
19) Nitrobenzene-d5	8.52	128	198667	24.51	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.23	143	215467	22.50	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	9.77	165	377788	19.55	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.28	131	355498	19.67	ng/ul	0.00
44) Dimethylphthalate-d6	13.46	166	1206257	24.35	ng/ul	-0.01
47) Acenaphthylene-d8	13.72	160	1444555	24.97	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.26	143	121967	15.15	ng/ul	0.00
58) Fluorene-d10	15.03	176	1053969	24.03	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.17	200	147155	16.69	ng/ul	-0.01
71) Anthracene-d10	16.89	188	1459951	23.65	ng/ul	-0.01
79) Pyrene-d10	19.19	212	1754318	25.27	ng/ul	-0.01
90) Benzo(a)pyrene-d12	22.97	264	1954556	25.57	ng/ul	-0.01

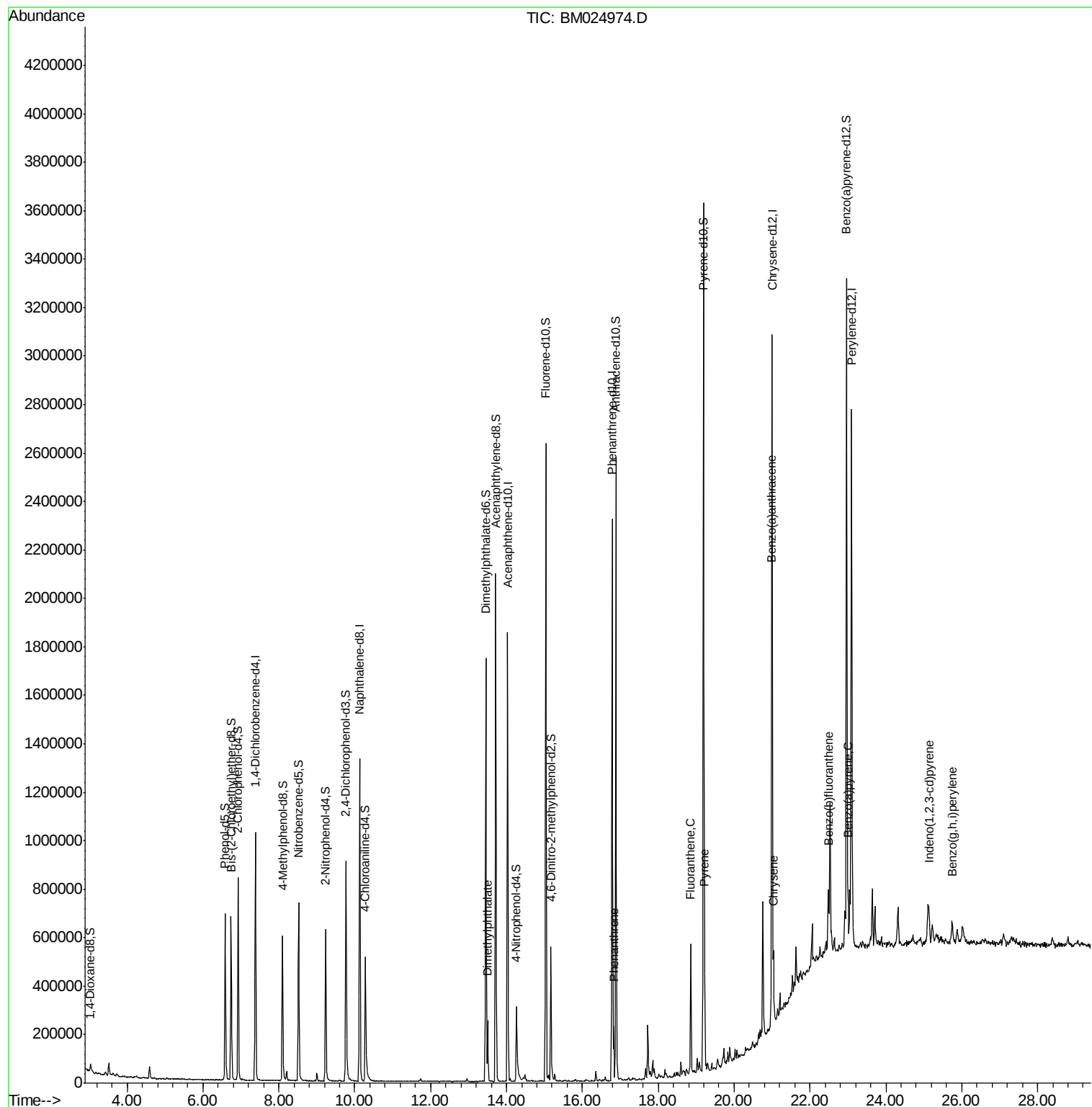
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
45) Dimethylphthalate	13.50	163	163969	3.173	ng/ul	100
70) Phenanthrene	16.83	178	128582	1.744	ng/ul	98
77) Fluoranthene	18.86	202	329501	3.640	ng/ul#	96
80) Pyrene	19.22	202	312795	3.405	ng/ul#	95
83) Benzo(a)anthracene	20.99	228	173017	1.851	ng/ul	99
85) Chrysene	21.04	228	160004	1.739	ng/ul	98
88) Benzo(b)fluoranthene	22.49	252	216065	2.233	ng/ul#	93
91) Benzo(a)pyrene	23.00	252	165570	1.908	ng/ul#	96
92) Indeno(1,2,3-cd)pyrene	25.14	276	114169	1.057	ng/ul	98
94) Benzo(g,h,i)perylene	25.74	276	102049	1.136	ng/ul	97

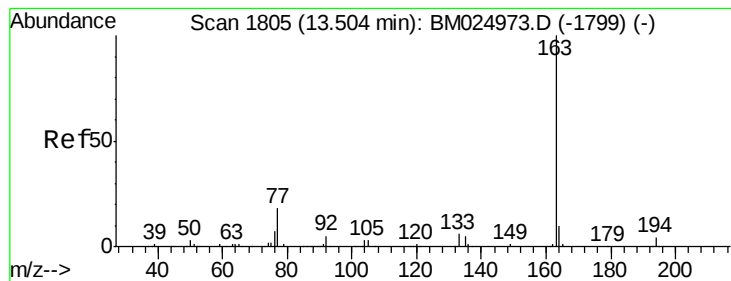
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#45

Dimethylphthalate

Concen: 3.173 ng/ul

RT: 13.50 min Scan# 1805

Delta R.T. -0.01 min

Lab File: BM024974.D

Acq: 20 Feb 2020 09:51

Instrument :

BNA_M

ClientSampleId :

C5AY0

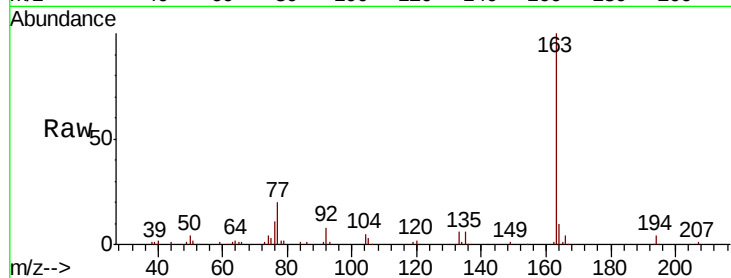
Tot Ion:163 Resp: 163969

Ion Ratio Lower Upper

163 100

194 4.3 3.5 5.3

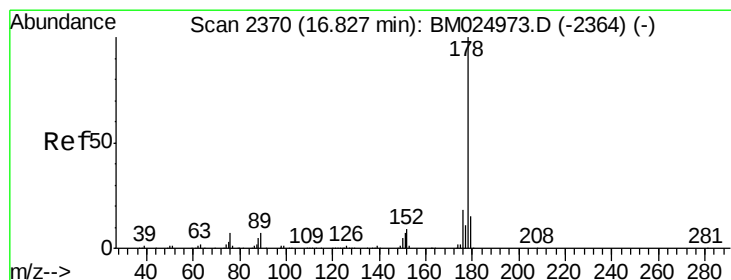
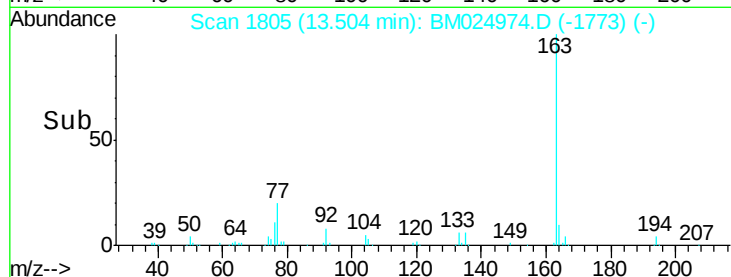
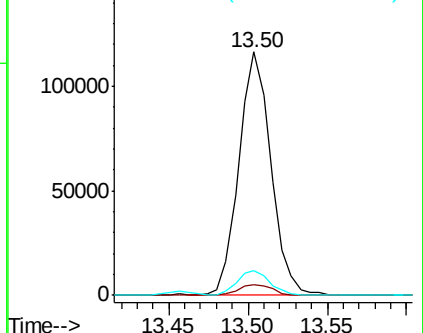
164 10.3 8.2 12.2



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: 1.744 ng/ul

RT: 16.83 min Scan# 2370

Delta R.T. -0.01 min

Lab File: BM024974.D

Acq: 20 Feb 2020 09:51

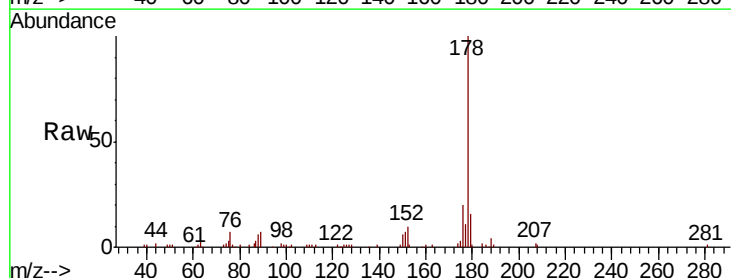
Tgt Ion:178 Resp: 128582

Ion Ratio Lower Upper

178 100

179 15.6 12.2 18.2

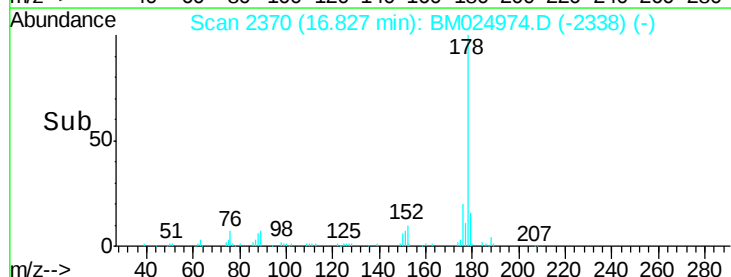
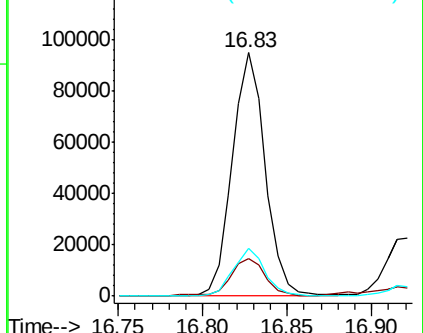
176 19.6 14.5 21.7

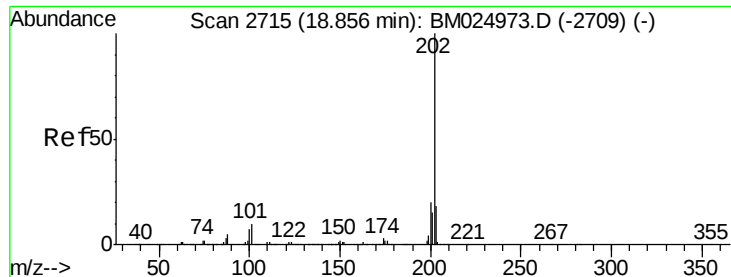


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

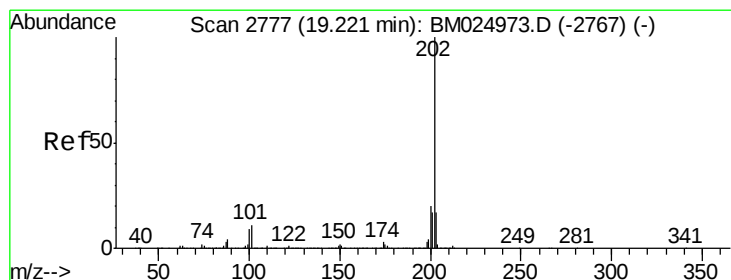
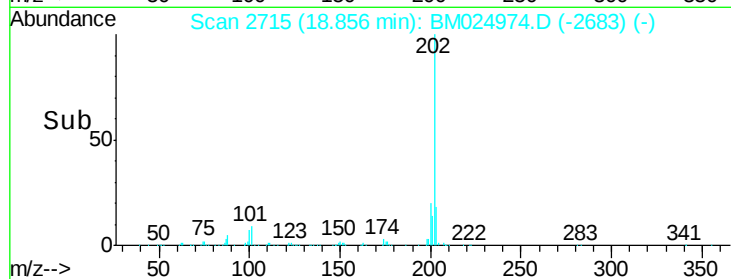
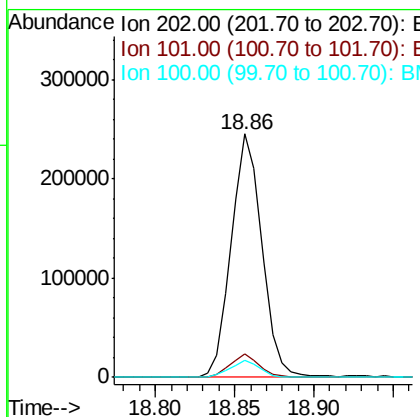
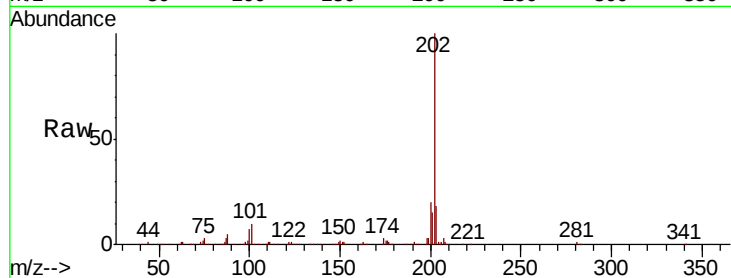




#77
Fluoranthene
 Concen: 3.640 ng/ul
 RT: 18.86 min Scan# 2715
 Delta R.T. -0.01 min
 Lab File: BM024974.D
 Acq: 20 Feb 2020 09:51

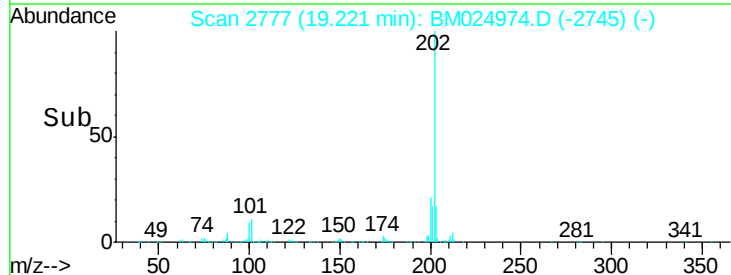
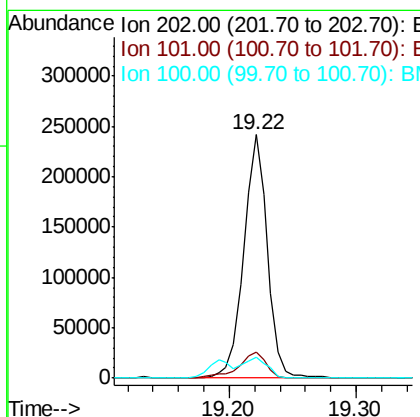
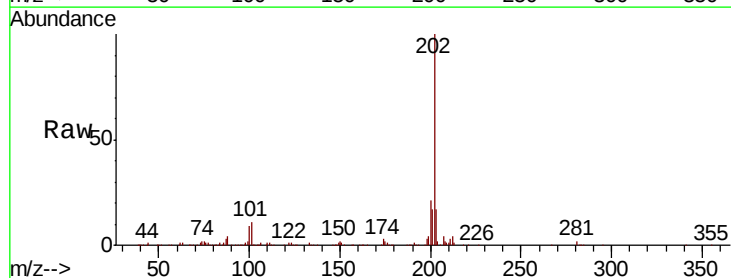
Instrument :
 BNA_M
 ClientSampleId :
 C5AY0

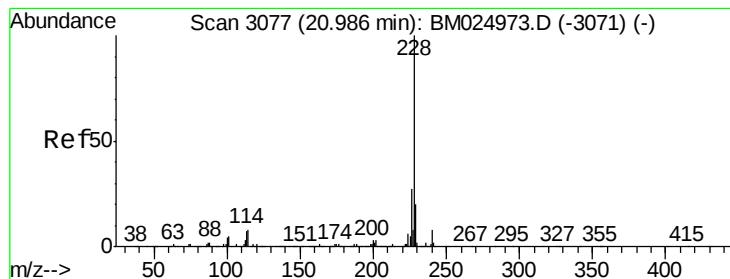
Tot Ion	Ratio	Lower	Upper
202	100		
101	9.6	6.1	9.1#
100	6.9	4.8	7.2



#80
Pyrene
 Concen: 3.405 ng/ul
 RT: 19.22 min Scan# 2777
 Delta R.T. -0.01 min
 Lab File: BM024974.D
 Acq: 20 Feb 2020 09:51

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.7	7.0	10.4#
100	8.5	5.8	8.8





#83

Benzo(a)anthracene

Concen: 1.851 ng/ul

RT: 20.99 min Scan# 3077

Delta R.T. -0.01 min

Lab File: BM024974.D

Acq: 20 Feb 2020 09:51

Instrument :

BNA_M

ClientSampleId :

C5AY0

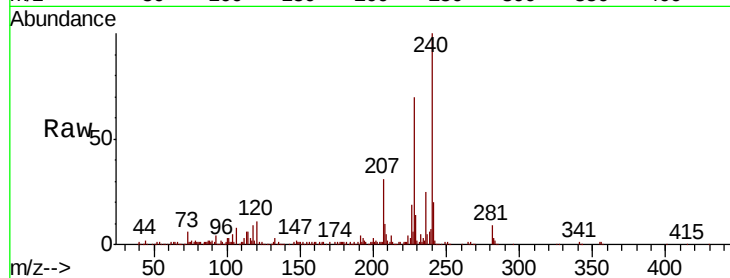
Tot Ion:228 Resp: 173017

Ion Ratio Lower Upper

228 100

229 19.8 15.9 23.9

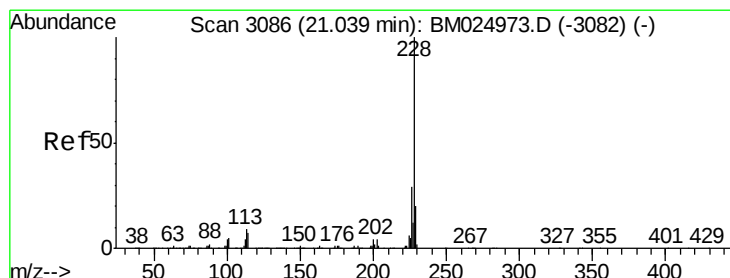
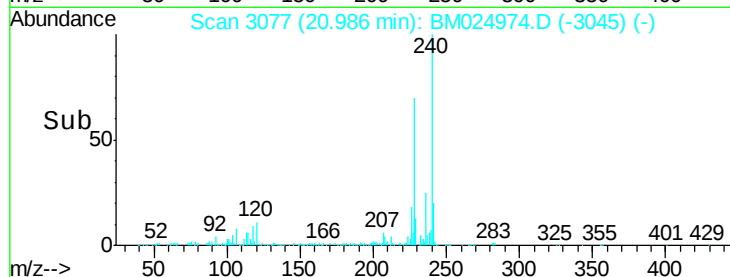
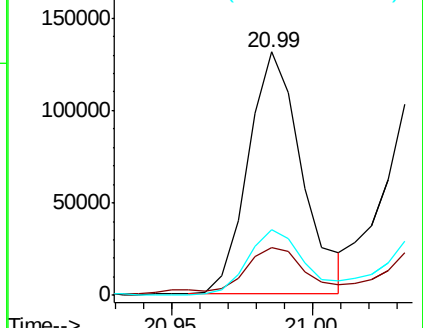
226 26.9 20.8 31.2



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



#85

Chrysene

Concen: 1.739 ng/ul

RT: 21.04 min Scan# 3086

Delta R.T. -0.01 min

Lab File: BM024974.D

Acq: 20 Feb 2020 09:51

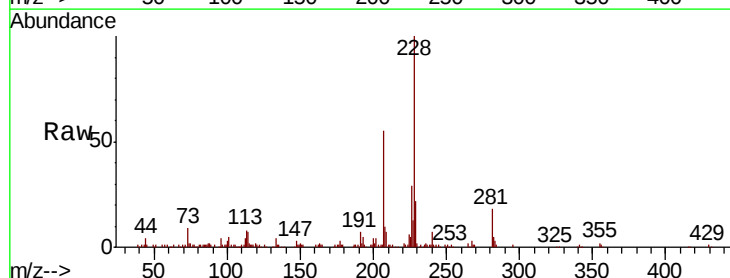
Tgt Ion:228 Resp: 160004

Ion Ratio Lower Upper

228 100

226 28.7 23.0 34.4

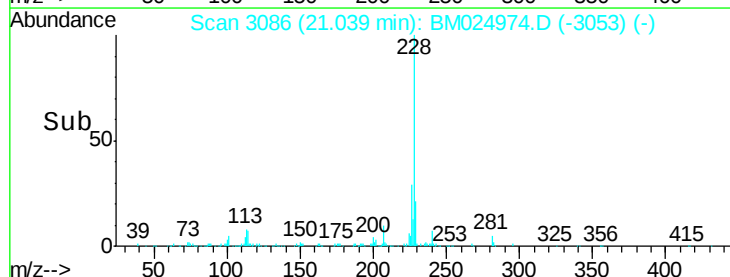
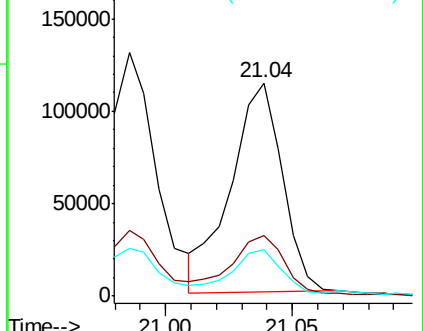
229 21.7 15.8 23.8

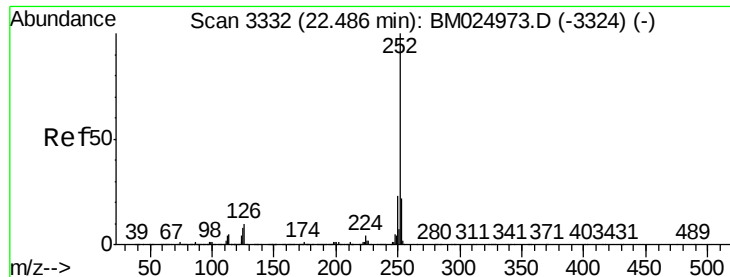


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#88

Benzo(b)fluoranthene

Concen: 2.233 ng/ul

RT: 22.49 min Scan# 3332

Delta R.T. -0.01 min

Lab File: BM024974.D

Acq: 20 Feb 2020 09:51

Instrument :

BNA_M

ClientSampleId :

C5AY0

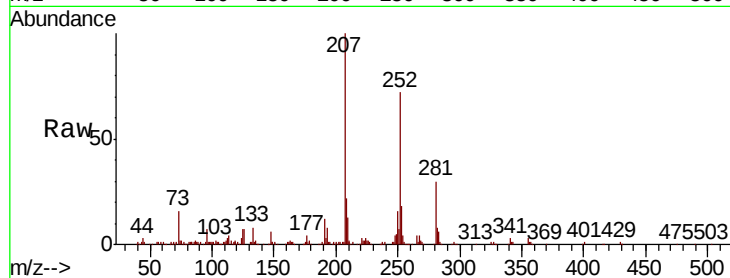
Tot Ion:252 Resp: 216065

Ion Ratio Lower Upper

252 100

253 24.4 17.3 25.9

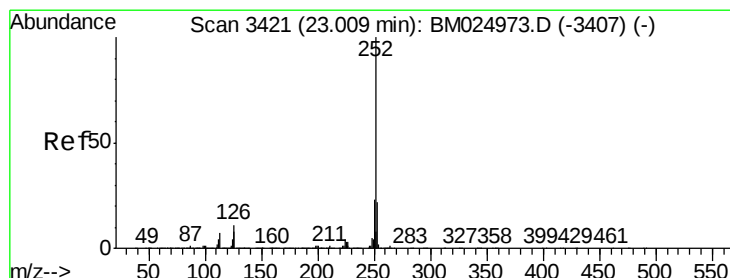
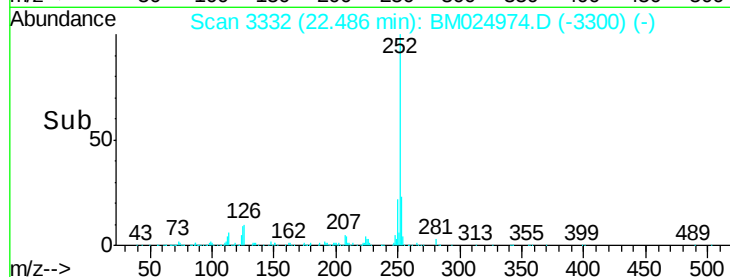
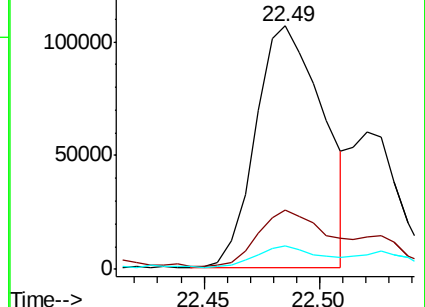
125 9.6 5.1 7.7#



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: 1.908 ng/ul

RT: 23.00 min Scan# 3420

Delta R.T. -0.02 min

Lab File: BM024974.D

Acq: 20 Feb 2020 09:51

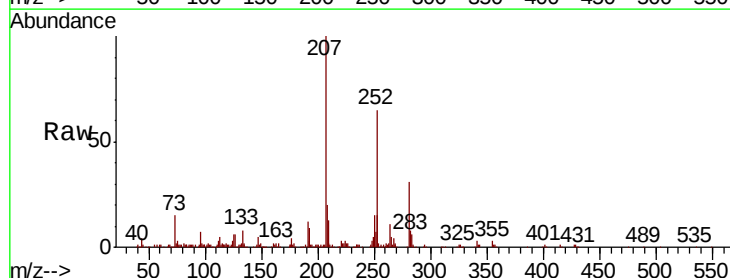
Tgt Ion:252 Resp: 165570

Ion Ratio Lower Upper

252 100

253 23.3 17.5 26.3

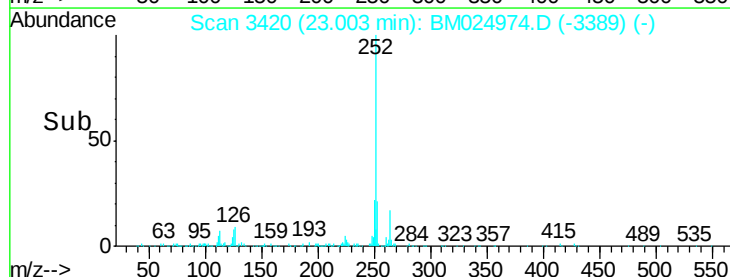
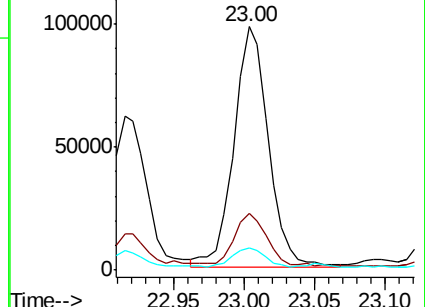
125 9.3 5.6 8.4#

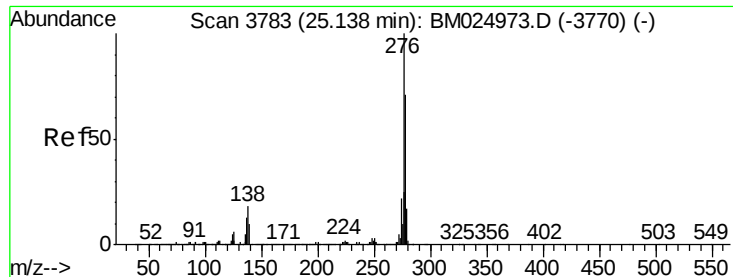


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



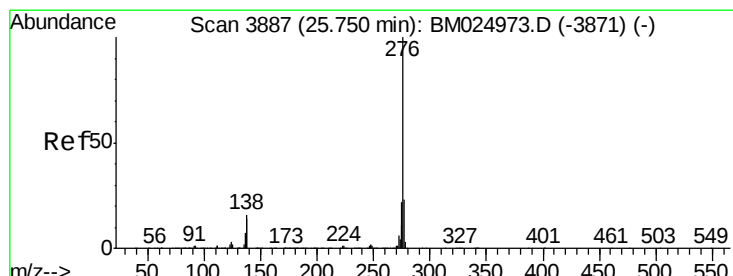
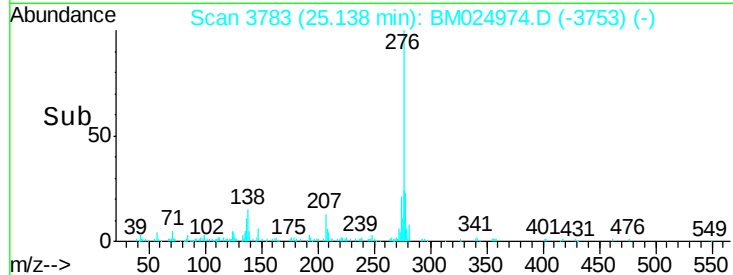
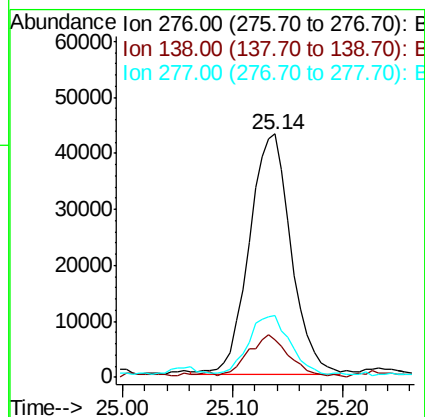
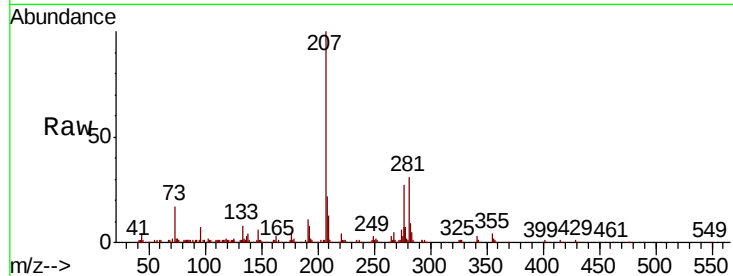


#92

Indeno(1,2,3-cd)pyrene
Concen: 1.057 ng/ul
RT: 25.14 min Scan# 3783
Delta R.T. -0.02 min
Lab File: BM024974.D
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Tot Ion	Ratio	Lower	Upper
276	100		
138	15.4	12.8	19.2
277	25.5	19.3	28.9



#94

Benzo(g,h,i)perylene
Concen: 1.136 ng/ul
RT: 25.74 min Scan# 3886
Delta R.T. -0.03 min
Lab File: BM024974.D
Acq: 20 Feb 2020 09:51

Tgt Ion	Ratio	Lower	Upper
276	100		
138	16.1	11.8	17.6
277	22.6	19.0	28.6

