

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM121219\
 Data File : BM024070.D
 Acq On : 12 Dec 2019 22:00
 Operator : JU
 Sample : K6089-07
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0BQ5

Quant Time: Dec 13 03:54:59 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Dec 07 04:26:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	444630	20.00	ng/ul	0.00
18) Naphthalene-d8	10.24	136	1832064	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.13	164	1061549	20.00	ng/ul	-0.01
62) Phenanthrene-d10	16.89	188	1999276	20.00	ng/ul	0.00
78) Chrysene-d12	21.09	240	1658402	20.00	ng/ul	-0.01
86) Perylene-d12	23.23	264	1958784	20.00	ng/ul	-0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.03	96	34118	3.41	ng/uL	0.00
5) Phenol-d5	6.66	99	706116	18.12	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.82	67	453179	19.99	ng/ul	0.00
9) 2-Chlorophenol-d4	7.01	132	576082	19.13	ng/ul	0.00
13) 4-Methylphenol-d8	8.19	113	544164	17.70	ng/ul	-0.01
19) Nitrobenzene-d5	8.62	128	274530	19.31	ng/ul	0.00
22) 2-Nitrophenol-d4	9.34	143	303547	18.78	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.87	165	558909	18.26	ng/ul	0.00
29) 4-Chloroaniline-d4	10.39	131	333842	9.94	ng/ul	0.00
44) Dimethylphthalate-d6	13.55	166	1716823	20.81	ng/ul	-0.01
47) Acenaphthylene-d8	13.82	160	2050548	21.21	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.37	143	170043	12.26	ng/ul	0.00
58) Fluorene-d10	15.13	176	1448892	20.87	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.27	200	185159	14.75	ng/ul	0.00
71) Anthracene-d10	16.98	188	1994297	20.89	ng/ul	-0.01
79) Pyrene-d10	19.29	212	2054073	23.97	ng/ul	-0.01
90) Benzo(a)pyrene-d12	23.09	264	2297693	22.19	ng/ul	-0.02

Target Compounds

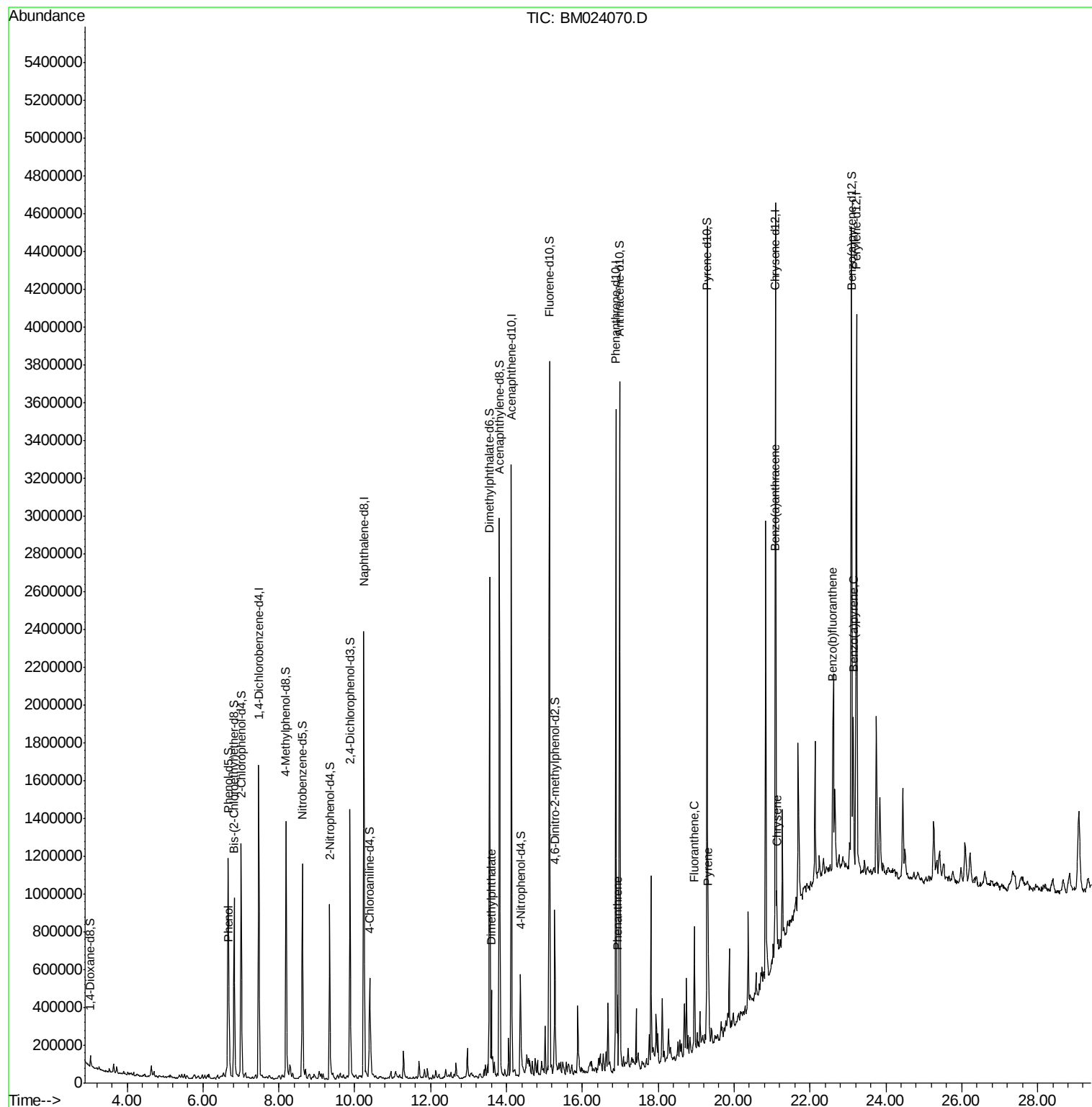
					Qvalue
6) Phenol	6.69	94	172610	4.306	ng/ul 98
45) Dimethylphthalate	13.60	163	276862	3.429	ng/ul 98
70) Phenanthrene	16.93	178	223370	1.978	ng/ul 99
77) Fluoranthene	18.96	202	348084	2.874	ng/ul 96
80) Pyrene	19.32	202	285816	2.558	ng/ul 100
83) Benzo(a)anthracene	21.07	228	118308	1.067	ng/ul# 91
85) Chrysene	21.13	228	182659	1.755	ng/ul# 95
88) Benzo(b)fluoranthene	22.60	252	205278	1.695	ng/ul# 90
91) Benzo(a)pyrene	23.14	252	124442	1.086	ng/ul# 91

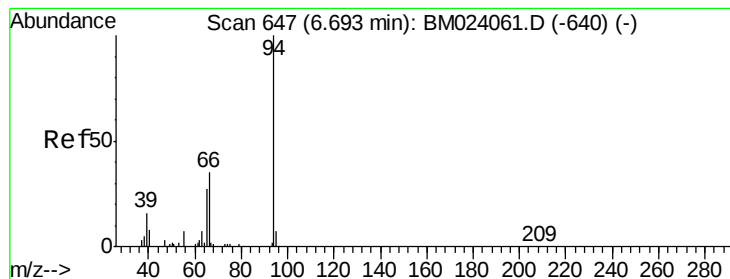
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM121219\
Data File : BM024070.D
Acq On : 12 Dec 2019 22:00
Operator : JU
Sample : K6089-07
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0BQ5

Quant Time: Dec 13 03:54:59 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 07 04:26:57 2019
Response via : Initial Calibration





#6

Phenol

Concen: 4.306 ng/ul

RT: 6.69 min Scan# 646

Delta R.T. -0.01 min

Lab File: BM024070.D

Acq: 12 Dec 2019 22:00

Instrument :

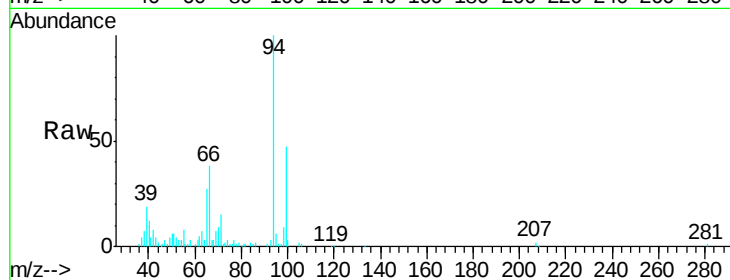
BNA_M

ClientSampleId :

C0BQ5

Tgt Ion: 94 Resp: 172610

Ion	Ratio	Lower	Upper
94	100		
65	27.4	21.7	32.5
66	38.3	28.8	43.2

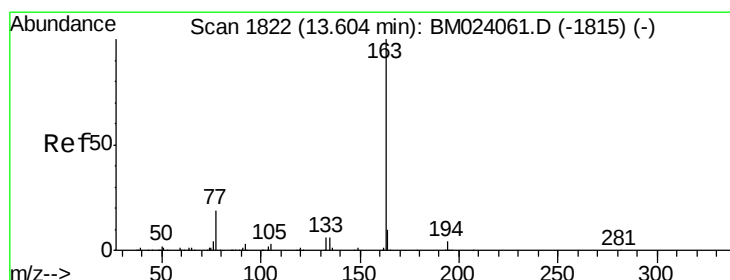
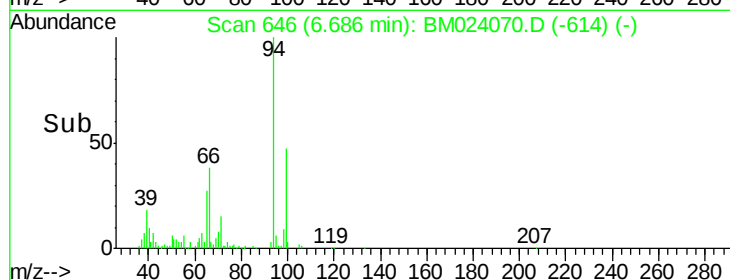
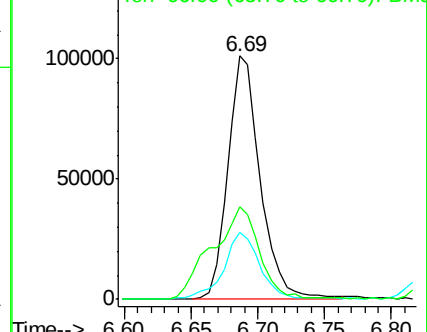


Abundance

Ion 94.00 (93.70 to 94.70): BM024061.D (-640) (-)

Ion 65.00 (64.70 to 65.70): BM024061.D (-640) (-)

Ion 66.00 (65.70 to 66.70): BM024061.D (-640) (-)



#45

Dimethylphthalate

Concen: 3.429 ng/ul

RT: 13.60 min Scan# 1821

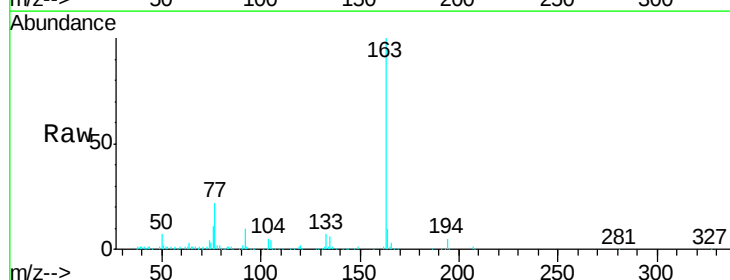
Delta R.T. -0.01 min

Lab File: BM024070.D

Acq: 12 Dec 2019 22:00

Tgt Ion: 163 Resp: 276862

Ion	Ratio	Lower	Upper
163	100		
194	4.7	3.3	4.9
164	10.5	7.9	11.9

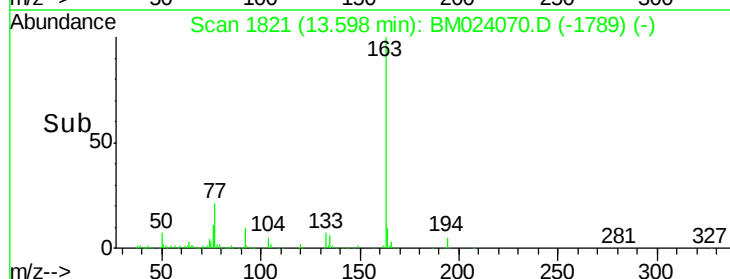
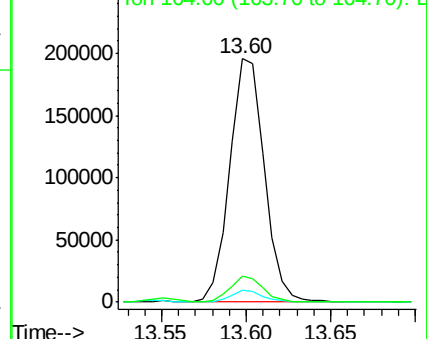


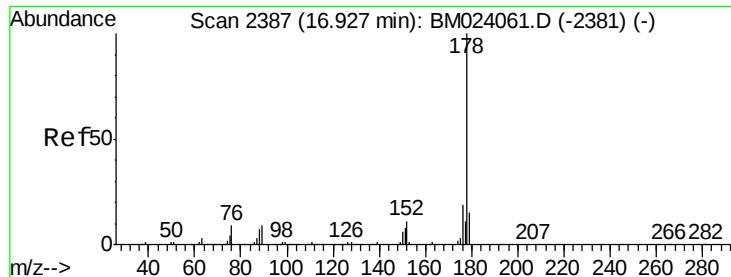
Abundance

Ion 163.00 (162.70 to 163.70): BM024061.D (-1815) (-)

Ion 194.00 (193.70 to 194.70): BM024061.D (-1815) (-)

Ion 164.00 (163.70 to 164.70): BM024061.D (-1815) (-)





#70

Phenanthrene

Concen: 1.978 ng/ul

RT: 16.93 min Scan# 2387

Delta R.T. -0.01 min

Lab File: BM024070.D

Acq: 12 Dec 2019 22:00

Instrument :

BNA_M

ClientSampleId :

C0BQ5

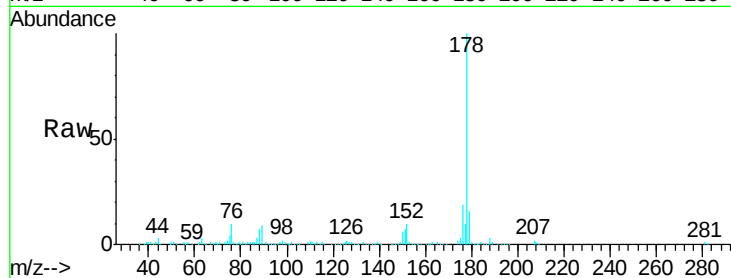
Tgt Ion:178 Resp: 223370

Ion Ratio Lower Upper

178 100

179 15.6 12.0 18.0

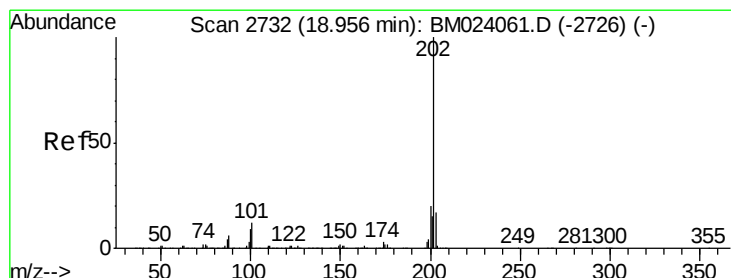
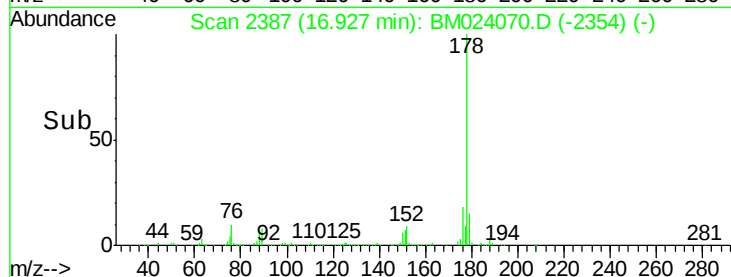
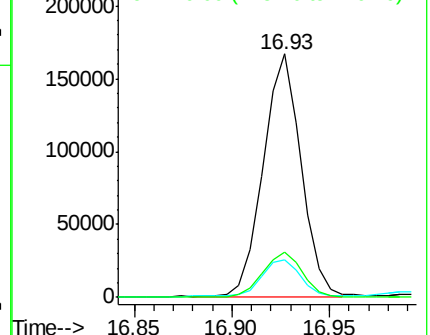
176 18.7 15.1 22.7



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: 2.874 ng/ul

RT: 18.96 min Scan# 2732

Delta R.T. -0.01 min

Lab File: BM024070.D

Acq: 12 Dec 2019 22:00

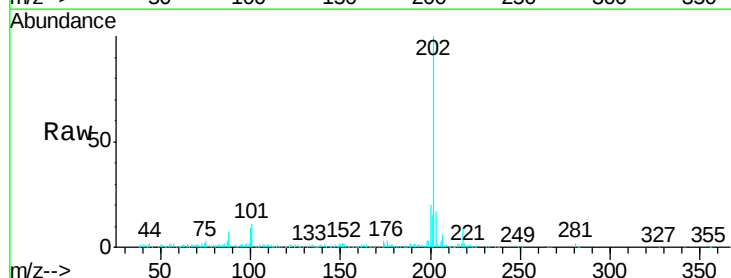
Tgt Ion:202 Resp: 348084

Ion Ratio Lower Upper

202 100

101 10.6 10.1 15.1

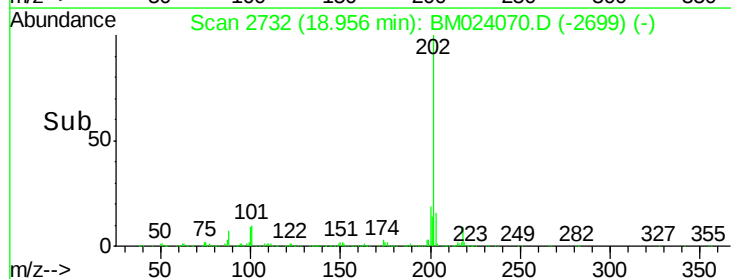
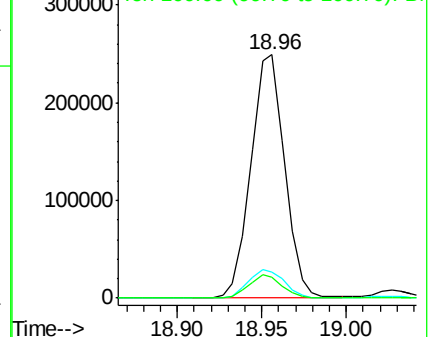
100 8.8 7.8 11.6

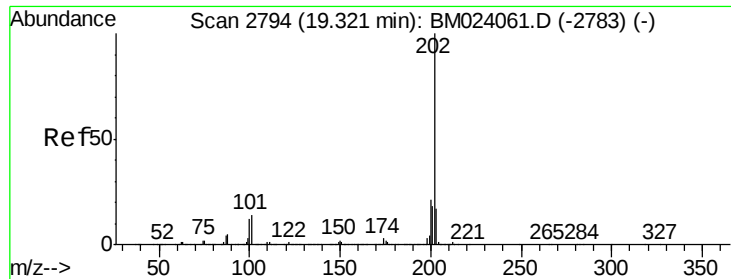


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

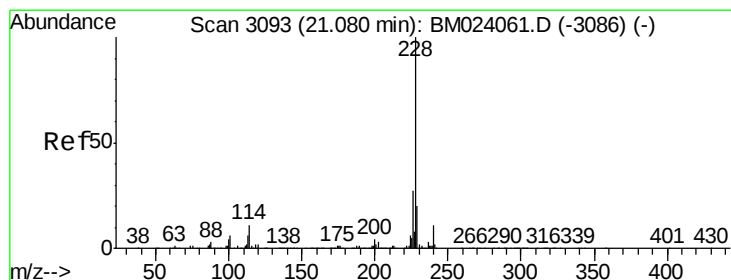
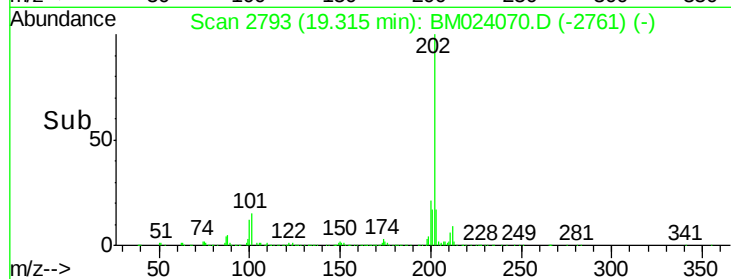
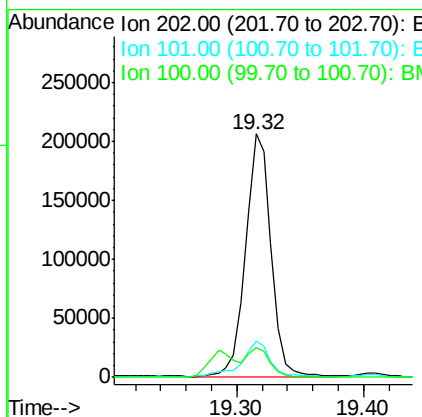
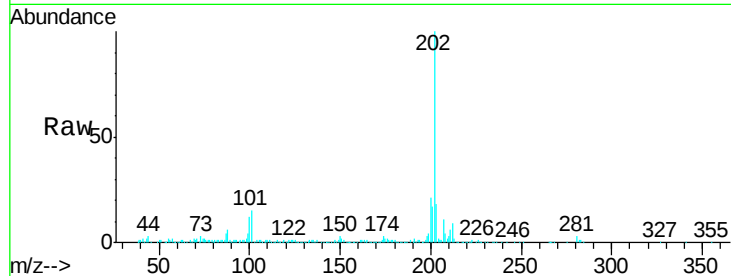




#80
 Pyrene
 Concen: 2.558 ng/ul
 RT: 19.32 min Scan# 2793
 Delta R.T. -0.01 min
 Lab File: BM024070.D
 Acq: 12 Dec 2019 22:00

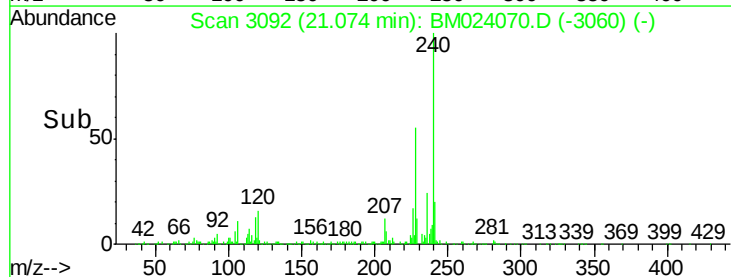
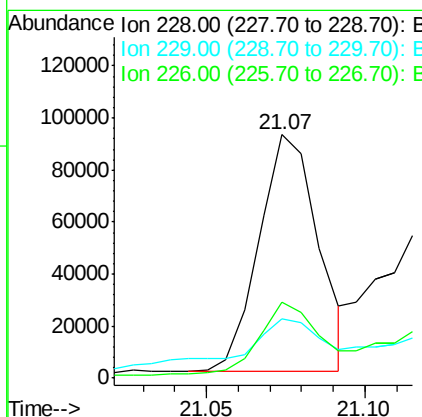
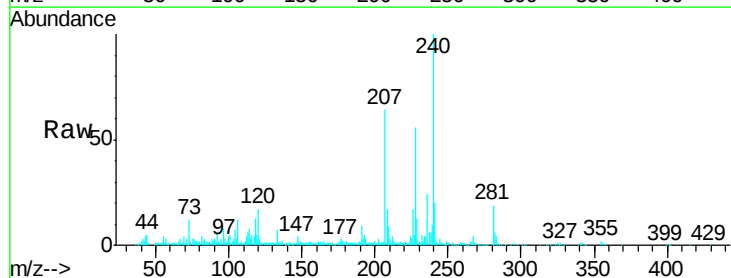
Instrument :
 BNA_M
 ClientSampleId :
 C0BQ5

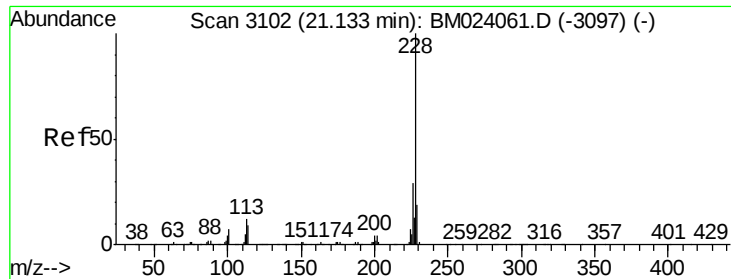
Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.8	11.8	17.6
100	12.2	9.8	14.6



#83
 Benzo(a)anthracene
 Concen: 1.067 ng/ul
 RT: 21.07 min Scan# 3092
 Delta R.T. -0.01 min
 Lab File: BM024070.D
 Acq: 12 Dec 2019 22:00

Tgt Ion	Ratio	Lower	Upper
228	100		
229	24.1	15.6	23.4#
226	31.3	21.4	32.0





#85

Chrysene

Concen: 1.755 ng/ul

RT: 21.13 min Scan# 3101

Delta R.T. -0.01 min

Lab File: BM024070.D

Acq: 12 Dec 2019 22:00

Instrument :

BNA_M

ClientSampleId :

C0BQ5

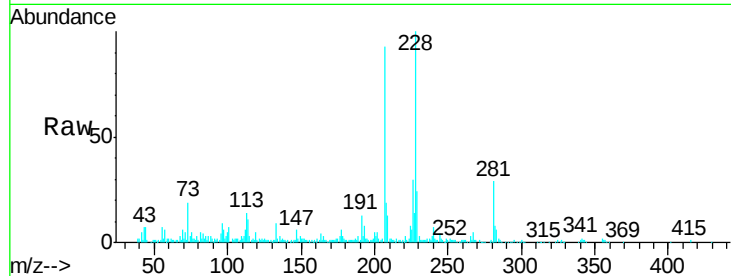
Tgt Ion:228 Resp: 182659

Ion Ratio Lower Upper

228 100

226 30.4 23.4 35.2

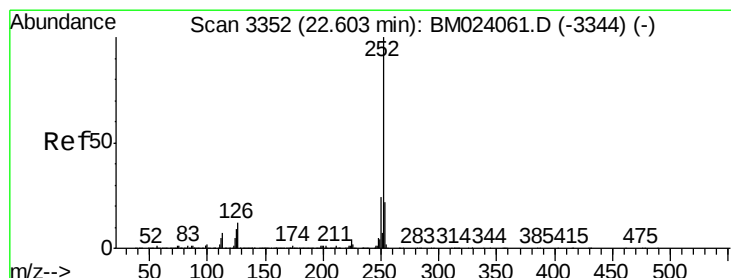
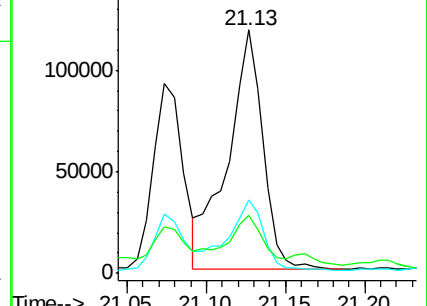
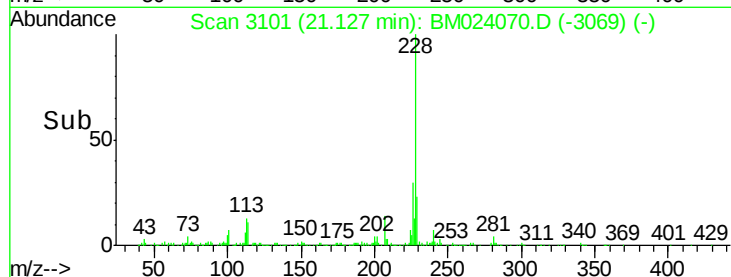
229 23.8 15.3 22.9#



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: 1.695 ng/ul

RT: 22.60 min Scan# 3351

Delta R.T. -0.01 min

Lab File: BM024070.D

Acq: 12 Dec 2019 22:00

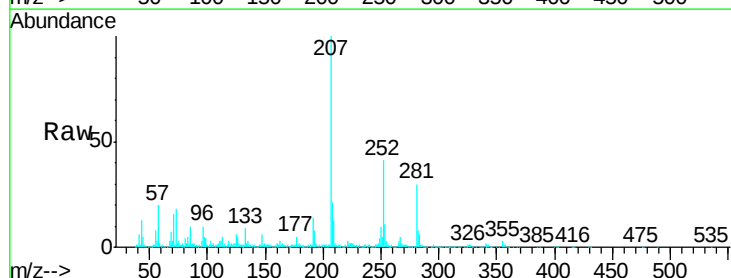
Tgt Ion:252 Resp: 205278

Ion Ratio Lower Upper

252 100

253 26.3 17.4 26.0#

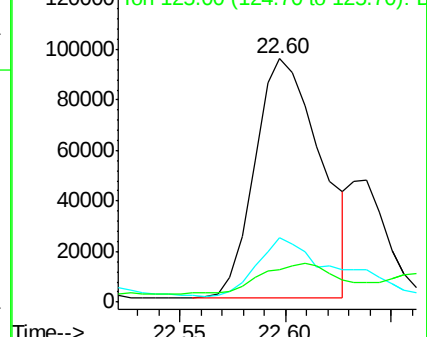
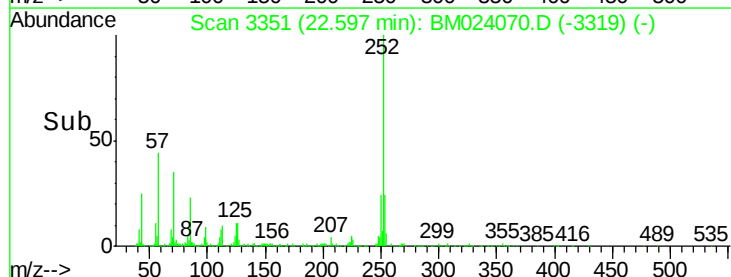
125 13.6 7.4 11.2#

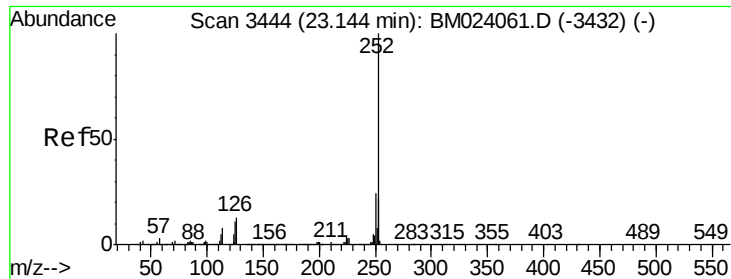


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Benzo(a)pyrene

Concen: 1.086 ng/ul

RT: 23.14 min Scan# 3443

Delta R.T. -0.02 min

Lab File: BM024070.D

Acq: 12 Dec 2019 22:00

Instrument :

BNA_M

ClientSampleId :

C0BQ5

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.2	25.8
125	17.3	7.8	11.6

