

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021920\
 Data File : BM024964.D
 Acq On : 20 Feb 2020 03:17
 Operator : CG/JU
 Sample : L1423-07
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Feb 20 03:49:43 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	7.39	152	310715	20.00	ng/ul	0.00
18) Naphthalene-d8	10.13	136	1135117	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.03	164	682346	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.79	188	1411344	20.00	ng/ul	-0.01
78) Chrysene-d12	21.00	240	1432164	20.00	ng/ul	-0.01
86) Perylene-d12	23.09	264	1558255	20.00	ng/ul	-0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.04	96	28770	4.45	ng/uL	0.00
5) Phenol-d5	6.59	99	462470	22.41	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.74	67	294864	25.29	ng/ul	-0.01
9) 2-Chlorophenol-d4	6.93	132	399506	21.60	ng/ul	-0.01
13) 4-Methylphenol-d8	8.10	113	339465	19.49	ng/ul	-0.01
19) Nitrobenzene-d5	8.52	128	184211	22.44	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.23	143	201964	20.82	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	9.77	165	357415	18.27	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.28	131	373248	20.39	ng/ul	0.00
44) Dimethylphthalate-d6	13.46	166	1067523	20.73	ng/ul	-0.01
47) Acenaphthylene-d8	13.72	160	1299083	21.60	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.26	143	107538	12.85	ng/ul	0.00
58) Fluorene-d10	15.03	176	936991	20.54	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.17	200	125272	13.62	ng/ul	-0.01
71) Anthracene-d10	16.89	188	1348201	20.93	ng/ul	-0.01
79) Pyrene-d10	19.19	212	1594711	22.26	ng/ul	-0.01
90) Benzo(a)pyrene-d12	22.96	264	1747123	22.32	ng/ul	-0.02

Target Compounds

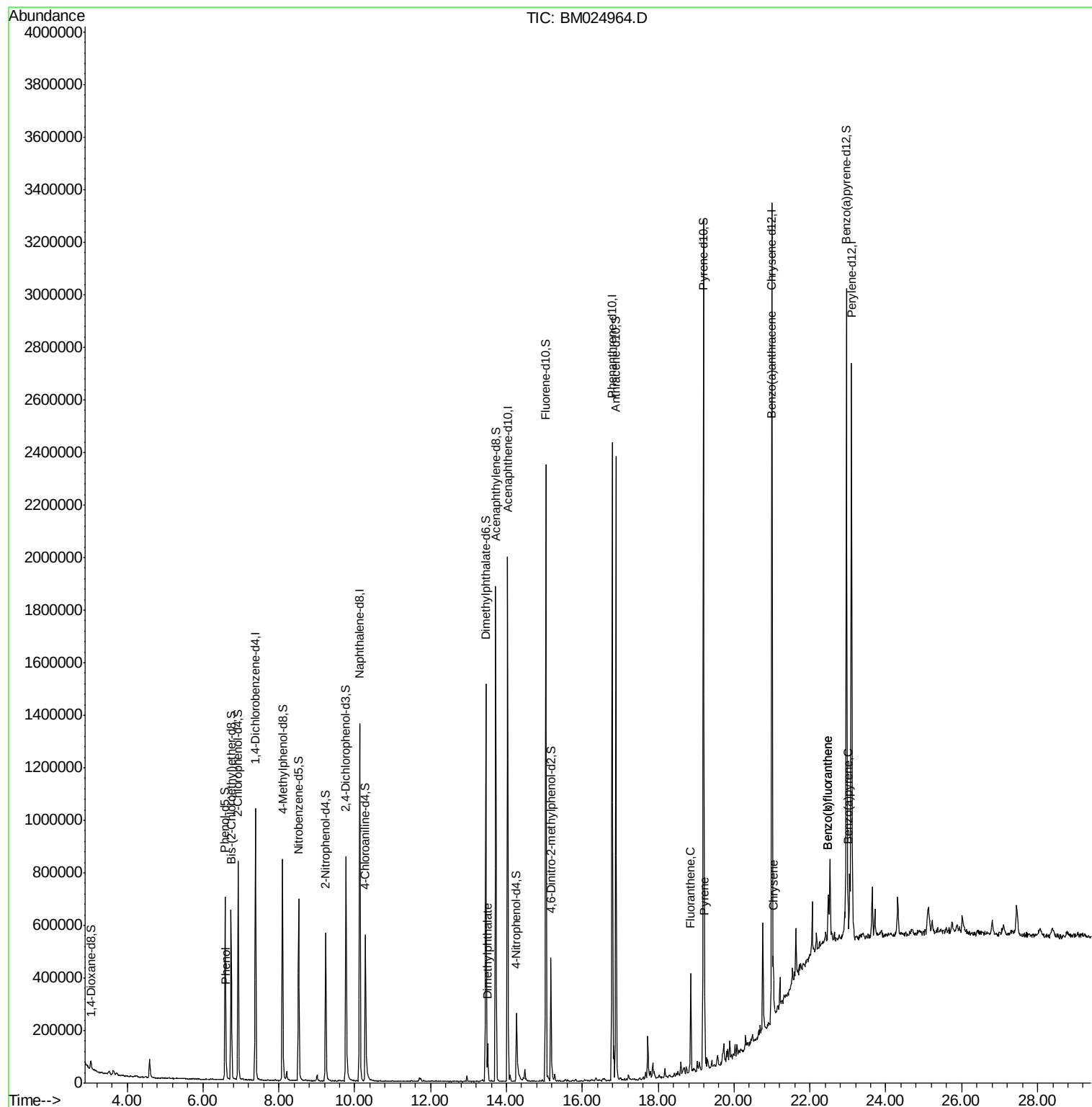
					Ovalue	
6) Phenol	6.61	94	24787	1.141	ng/ul#	88
45) Dimethylphthalate	13.50	163	95815	1.783	ng/ul	98
77) Fluoranthene	18.86	202	224568	2.377	ng/ul#	94
80) Pyrene	19.22	202	216471	2.283	ng/ul	97
83) Benzo(a)anthracene	20.99	228	127369	1.320	ng/ul	98
85) Chrysene	21.04	228	131751	1.387	ng/ul	99
88) Benzo(b)fluoranthene	22.49	252	154437	1.559	ng/ul#	98
89) Benzo(k)fluoranthene	22.49	252	154437	1.619	ng/ul#	98
91) Benzo(a)pyrene	23.00	252	101954	1.148	ng/ul#	93

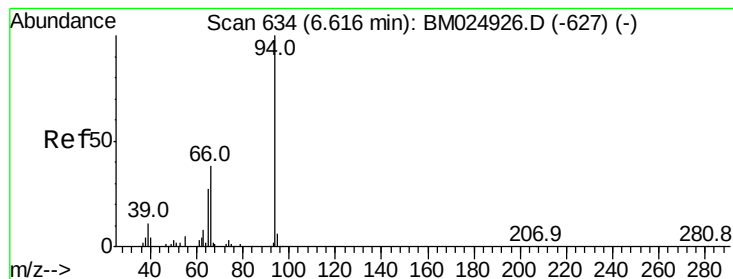
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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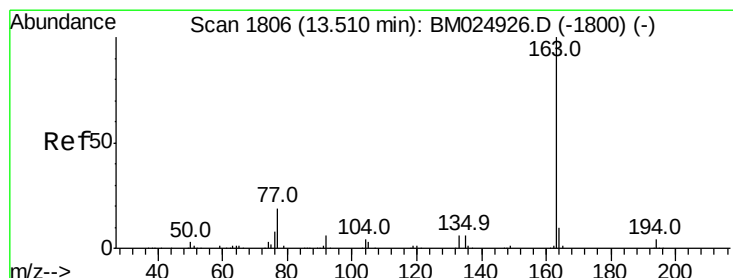
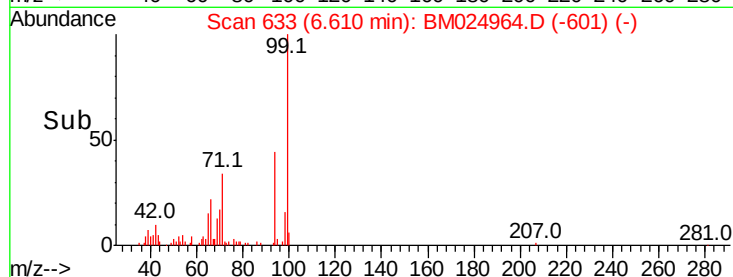
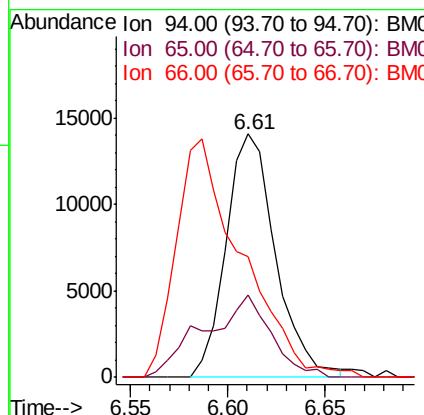
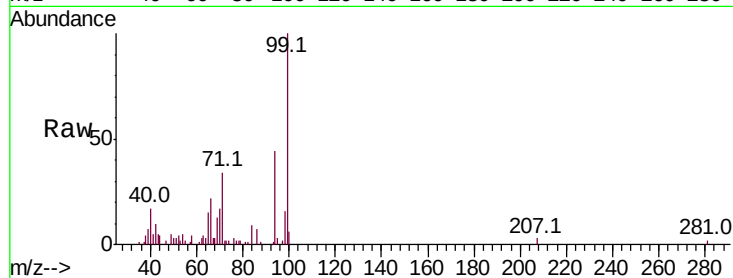
#6

Phenol

Concen: 1.141 ng/ul
 RT: 6.61 min Scan# 633
 Delta R.T. -0.01 min
 Lab File: BM024964.D
 Acq: 20 Feb 2020 03:17

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion: 94 Resp: 24787
 Ion Ratio Lower Upper
 94 100
 65 33.8 22.6 34.0
 66 49.8 33.0 49.4#

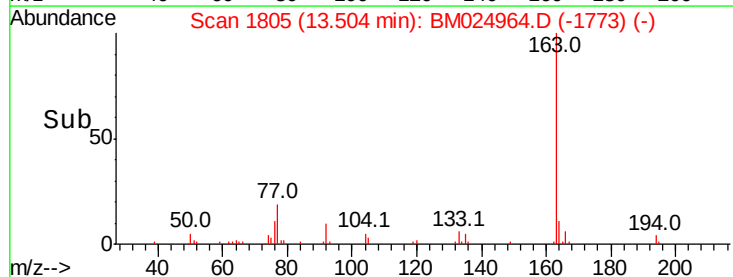
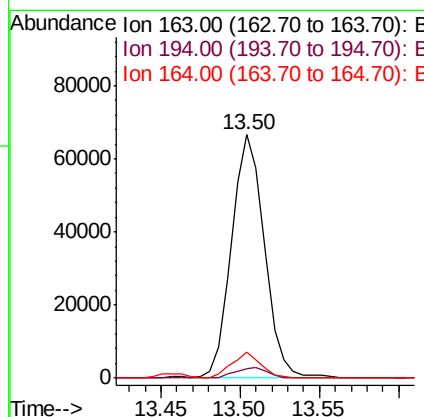
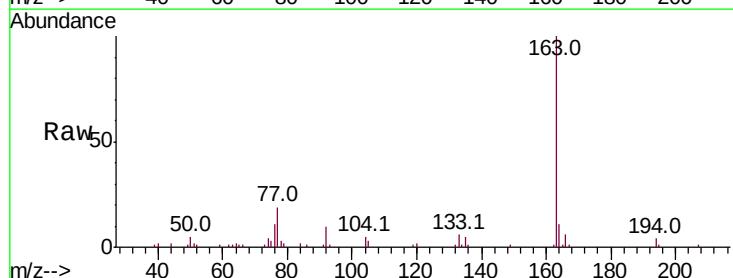


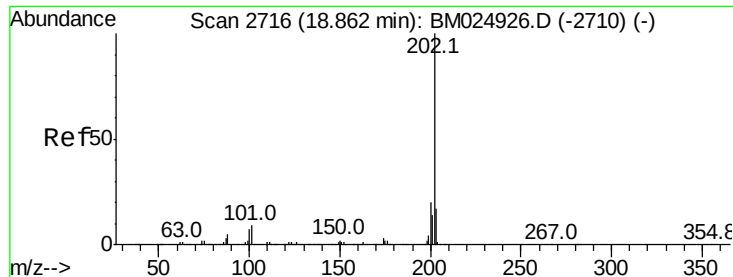
#45

Dimethylphthalate

Concen: 1.783 ng/ul
 RT: 13.50 min Scan# 1805
 Delta R.T. -0.01 min
 Lab File: BM024964.D
 Acq: 20 Feb 2020 03:17

Tgt Ion:163 Resp: 95815
 Ion Ratio Lower Upper
 163 100
 194 3.7 3.5 5.3
 164 10.8 8.2 12.2

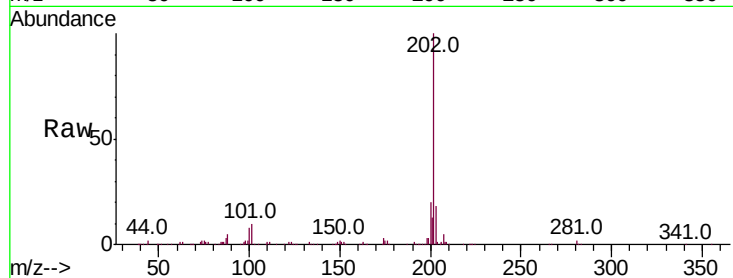




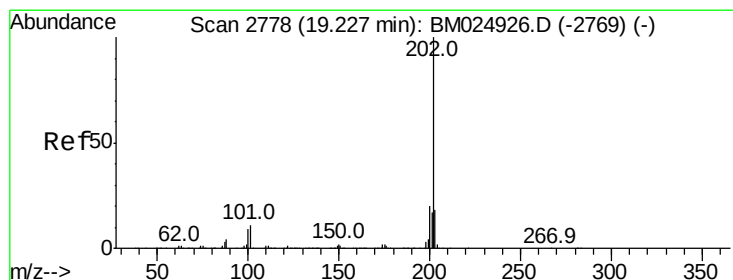
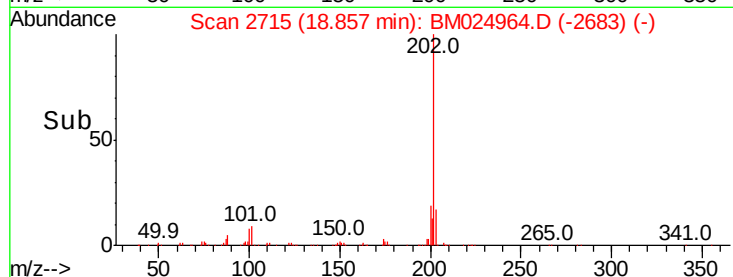
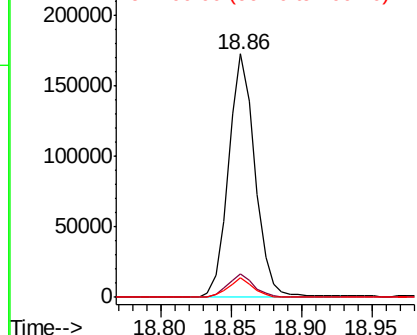
#77
Fluoranthene
Concen: 2.377 ng/ul
RT: 18.86 min Scan# 2715
Delta R.T. -0.01 min
Lab File: BM024964.D
Acq: 20 Feb 2020 03:17

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Resp	Lower	Upper
202	100	224568		
101	9.8		6.1	9.1#
100	7.8		4.8	7.2#

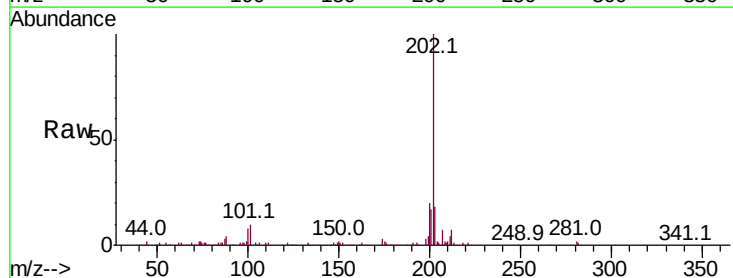


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

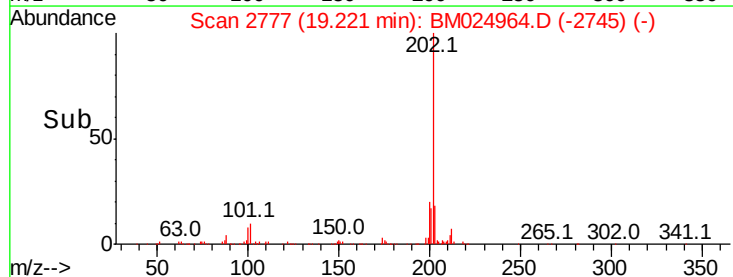
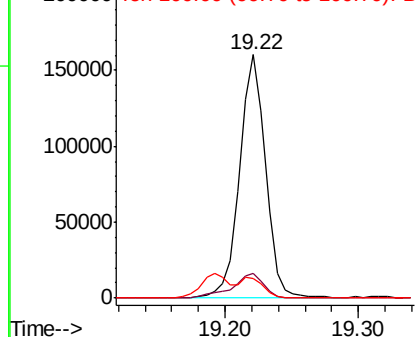


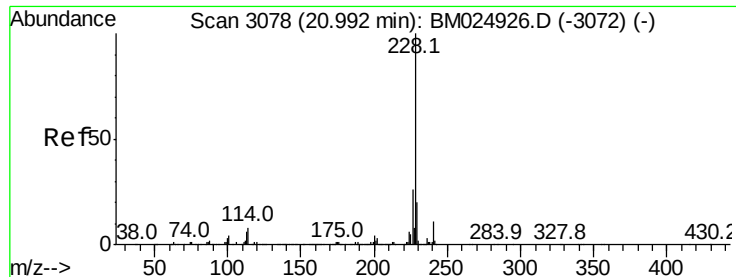
#80
Pyrene
Concen: 2.283 ng/ul
RT: 19.22 min Scan# 2777
Delta R.T. -0.01 min
Lab File: BM024964.D
Acq: 20 Feb 2020 03:17

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	216471		
101	10.1		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

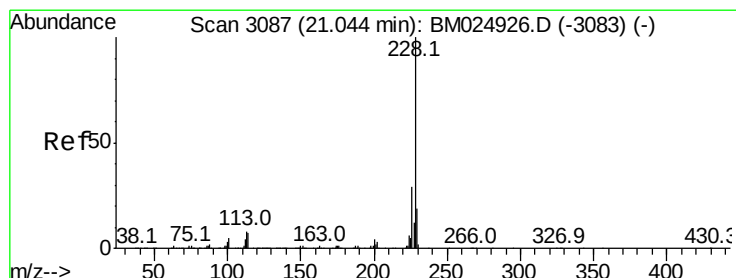
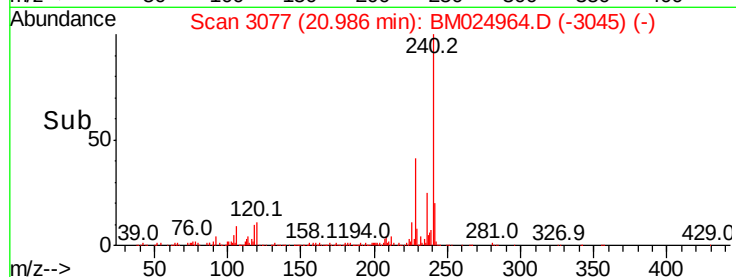
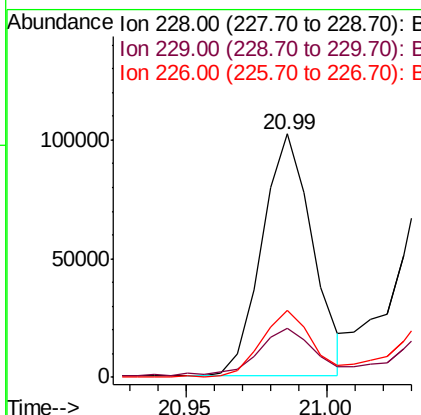
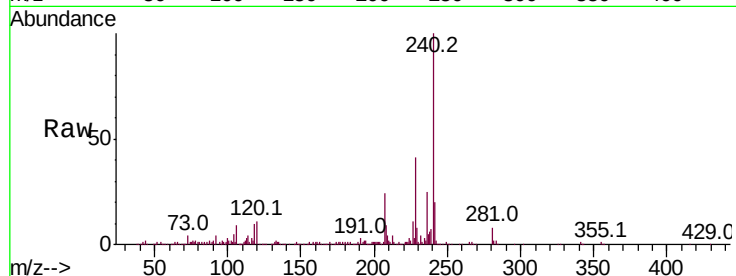




#83
Benzo(a)anthracene
Concen: 1.320 ng/ul
RT: 20.99 min Scan# 3077
Delta R.T. -0.01 min
Lab File: BM024964.D
Acq: 20 Feb 2020 03:17

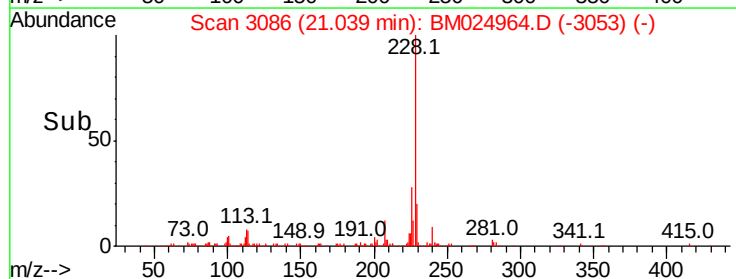
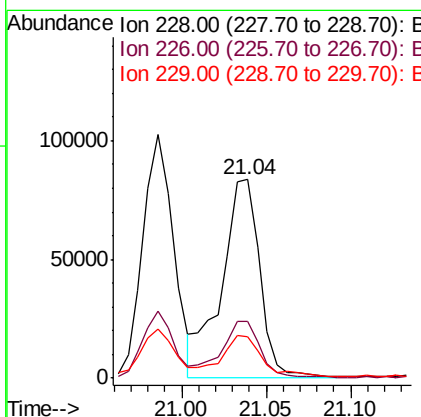
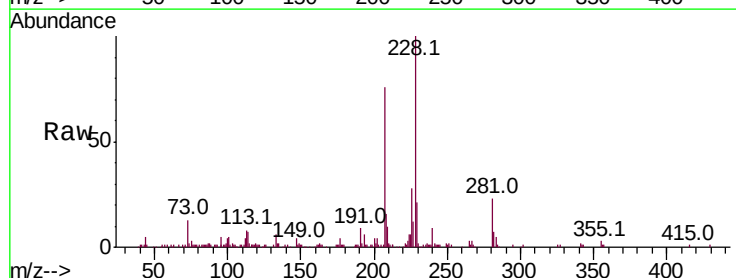
Instrument :
BNA_M
ClientSampleId :

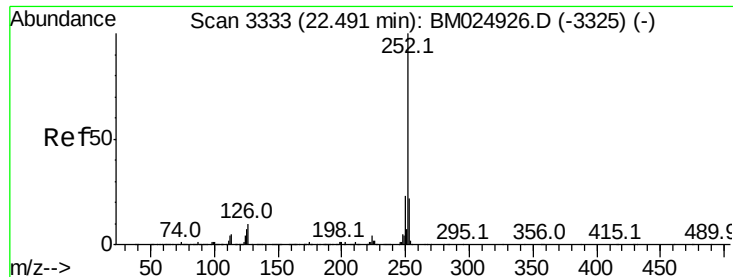
Tot Ion	Ratio	Lower	Upper
228	100		
229	20.3	15.9	23.9
226	27.6	20.8	31.2



#85
Chrysene
Concen: 1.387 ng/ul
RT: 21.04 min Scan# 3086
Delta R.T. -0.01 min
Lab File: BM024964.D
Acq: 20 Feb 2020 03:17

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.4	23.0	34.4
229	20.7	15.8	23.8





#88

Benzo(b)fluoranthene

Concen: 1.559 ng/ul

RT: 22.49 min Scan# 3332

Delta R.T. -0.01 min

Lab File: BM024964.D

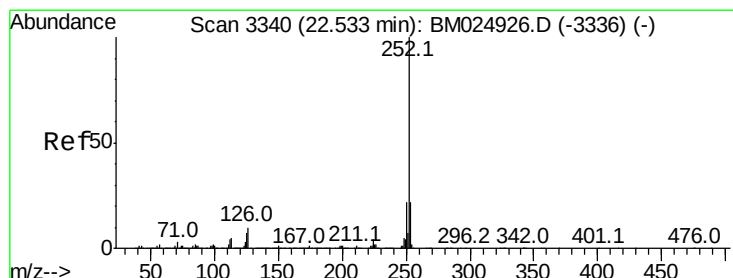
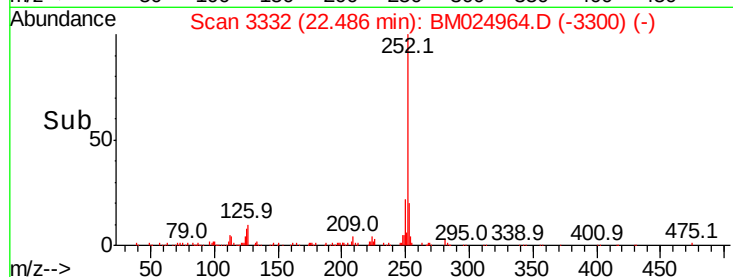
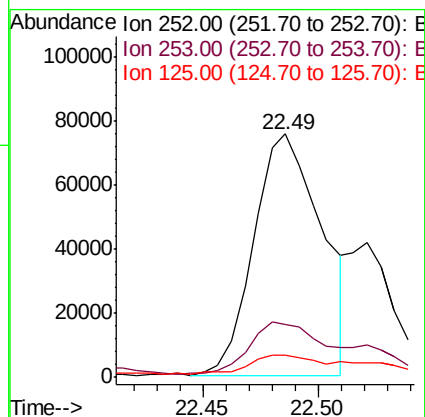
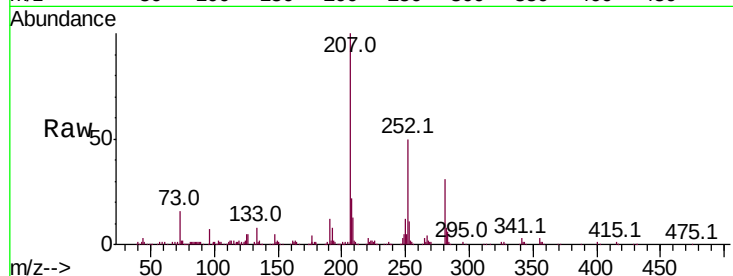
Acq: 20 Feb 2020 03:17

Instrument :

BNA_M

ClientSampleId :

Tot Ion:	252	Resp:	154437
Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.3	25.9
125	9.3	5.1	7.7#



#89

Benzo(k)fluoranthene

Concen: 1.619 ng/ul

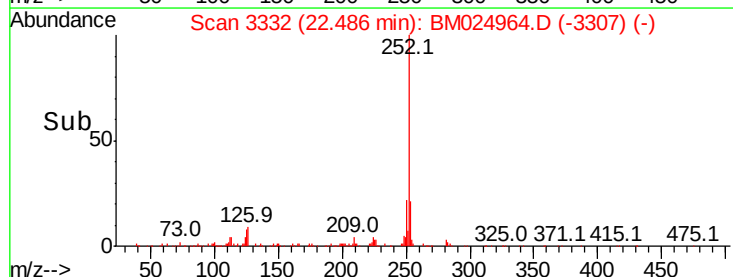
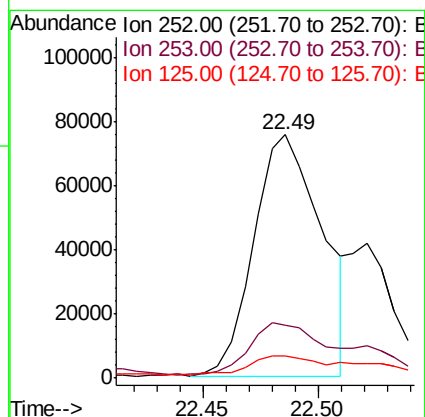
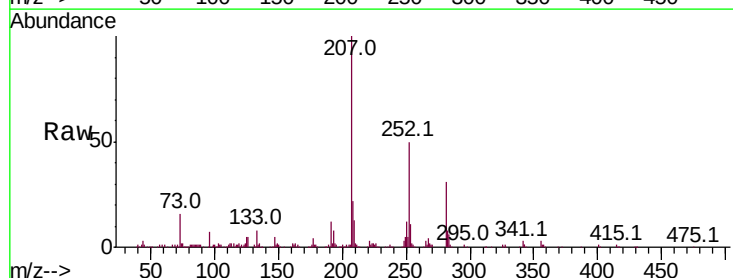
RT: 22.49 min Scan# 3332

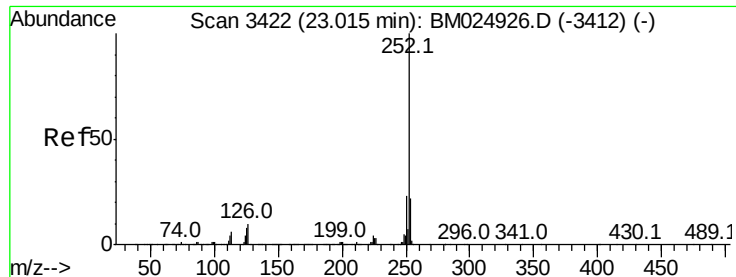
Delta R.T. -0.05 min

Lab File: BM024964.D

Acq: 20 Feb 2020 03:17

Tgt Ion:	252	Resp:	154437
Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.4	26.0
125	9.3	5.1	7.7#





#91

Benzo(a)pyrene

Concen: 1.148 ng/ul

RT: 23.00 min Scan# 3420

Delta R.T. -0.02 min

Lab File: BM024964.D

Acq: 20 Feb 2020 03:17

Instrument :

BNA_M

ClientSampleId :

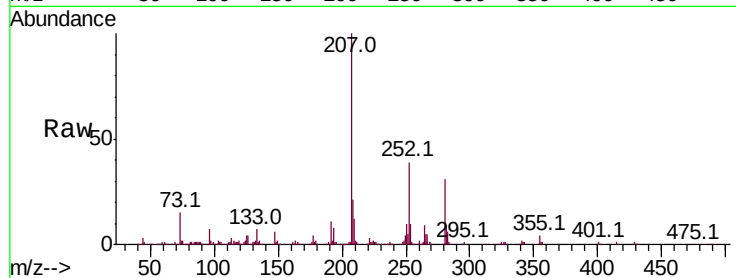
Tot Ion:252 Resp: 101954

Ion Ratio Lower Upper

252 100

253 25.0 17.5 26.3

125 10.0 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

