

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121719\
 Data File : BM024171.D
 Acq On : 19 Dec 2019 02:22
 Operator : JU
 Sample : K6171-14
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Dec 19 04:06:34 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 19 02:44:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	433706	20.00	ng/ul	0.00
18) Naphthalene-d8	10.22	136	2001136	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.11	164	1256612	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.86	188	2547642	20.00	ng/ul	0.00
78) Chrysene-d12	21.07	240	1793091	20.00	ng/ul	0.00
86) Perylene-d12	23.20	264	1773678	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.01	96	21561	2.20	ng/uL	0.00
5) Phenol-d5	6.65	99	480019	11.69	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.80	67	296425	12.04	ng/ul	0.00
9) 2-Chlorophenol-d4	6.99	132	376940	12.87	ng/ul	0.00
13) 4-Methylphenol-d8	8.17	113	394402	11.75	ng/ul	0.00
19) Nitrobenzene-d5	8.60	128	185718	12.92	ng/ul	0.00
22) 2-Nitrophenol-d4	9.32	143	201964	12.77	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.86	165	405596	13.20	ng/ul	0.00
29) 4-Chloroaniline-d4	10.37	131	389478	10.43	ng/ul	0.00
44) Dimethylphthalate-d6	13.53	166	1355503	14.59	ng/ul	0.00
47) Acenaphthylene-d8	13.80	160	1590920	14.29	ng/ul	0.00
52) 4-Nitrophenol-d4	14.36	143	136368	8.17	ng/ul	0.00
58) Fluorene-d10	15.11	176	1187743	14.58	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.26	200	74050	4.76	ng/ul	0.00
71) Anthracene-d10	16.96	188	1772915	15.29	ng/ul	0.00
79) Pyrene-d10	19.27	212	1820387	21.31	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.07	264	1408332	15.99	ng/ul	0.00

Target Compounds

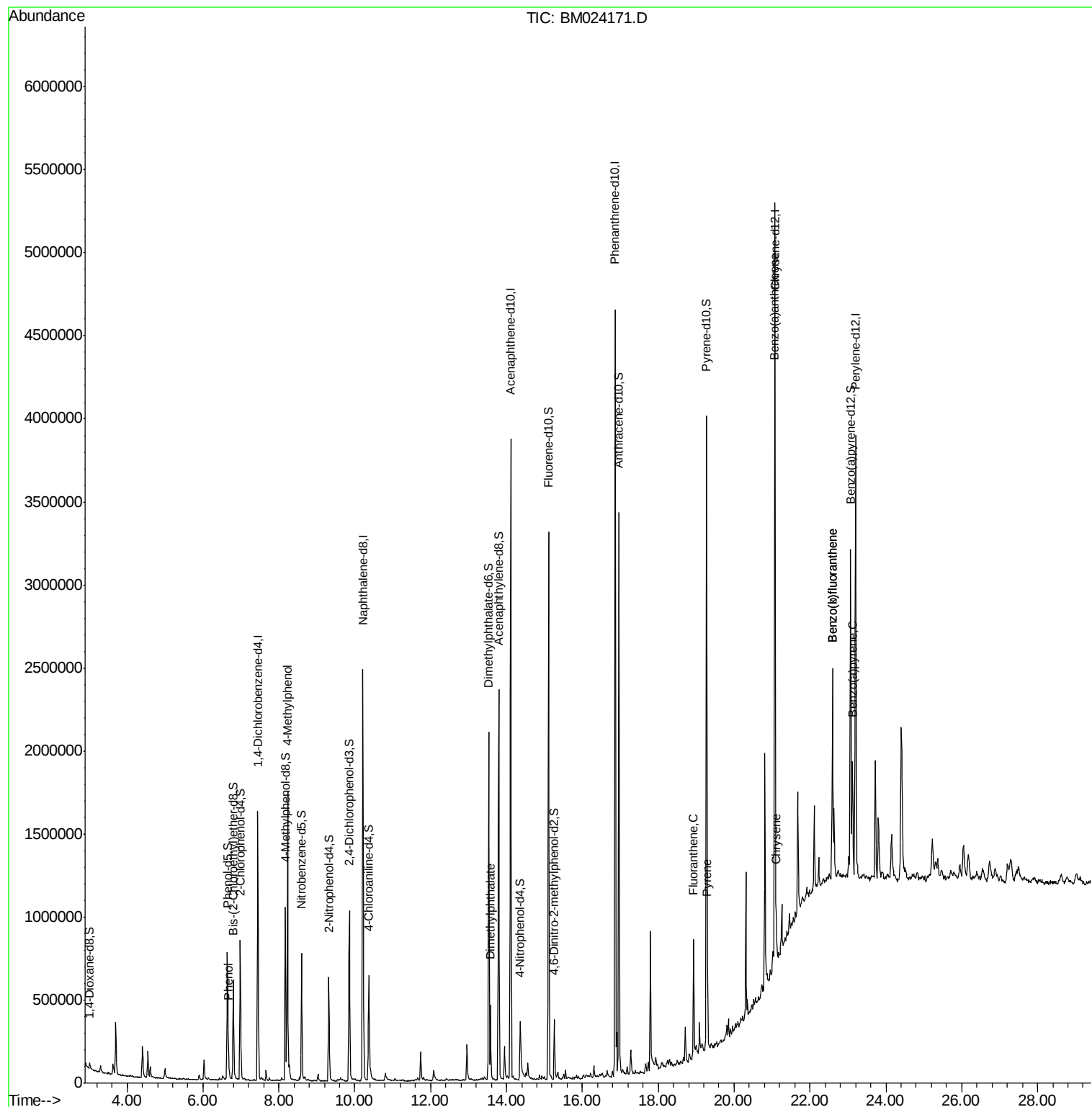
					Ovalue
6) Phenol	6.67	94	59761	1.409 ng/ul	97
16) 4-Methylphenol	8.23	108	650014	18.570 ng/ul	88
45) Dimethylphthalate	13.58	163	278961	2.889 ng/ul	99
77) Fluoranthene	18.93	202	392806	2.527 ng/ul	99
80) Pyrene	19.30	202	330878	2.827 ng/ul	99
83) Benzo(a)anthracene	21.06	228	131210	1.149 ng/ul	97
85) Chrysene	21.11	228	153605	1.372 ng/ul	96
88) Benzo(b)fluoranthene	22.58	252	186456	1.757 ng/ul#	89
89) Benzo(k)fluoranthene	22.58	252	186456	1.791 ng/ul#	90
91) Benzo(a)pyrene	23.11	252	113522	1.182 ng/ul#	87

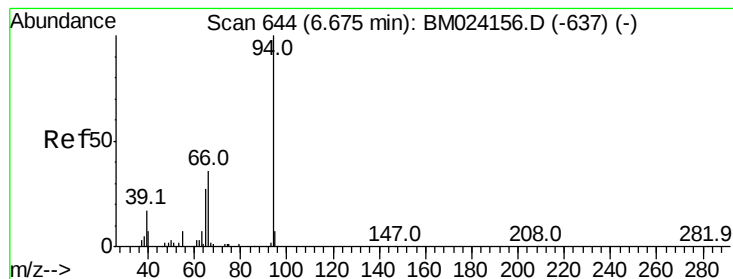
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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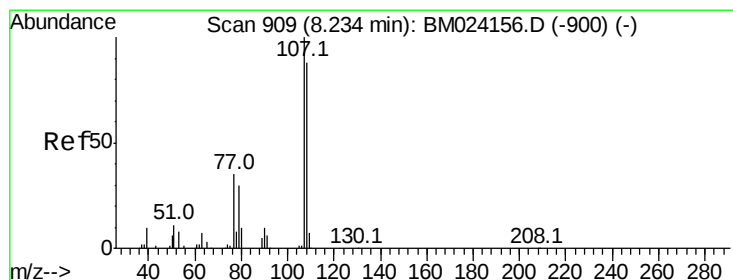
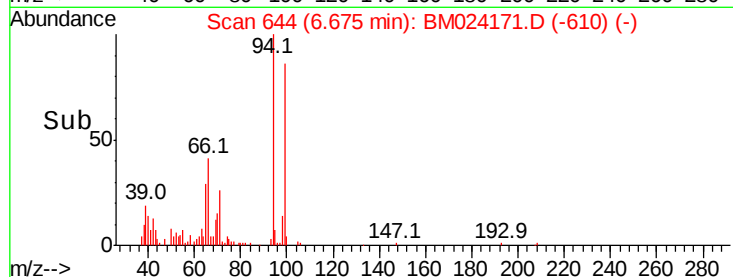
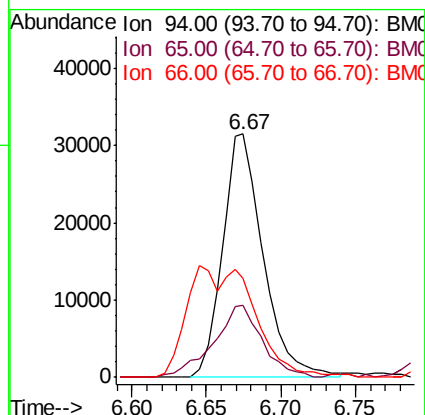
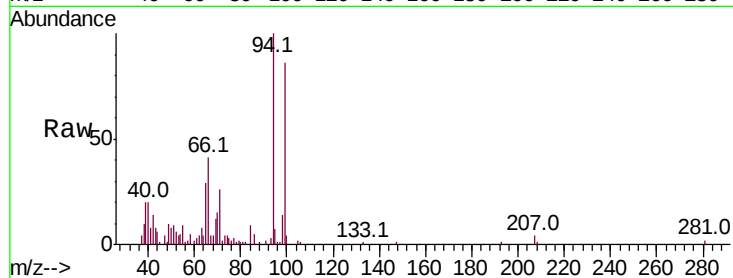
#6

Phenol

Concen: 1.409 ng/ul
 RT: 6.67 min Scan# 644
 Delta R.T. -0.00 min
 Lab File: BM024171.D
 Acq: 19 Dec 2019 02:22

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion: 94 Resp: 59761
 Ion Ratio Lower Upper
 94 100
 65 29.4 22.6 33.8
 66 40.8 30.7 46.1

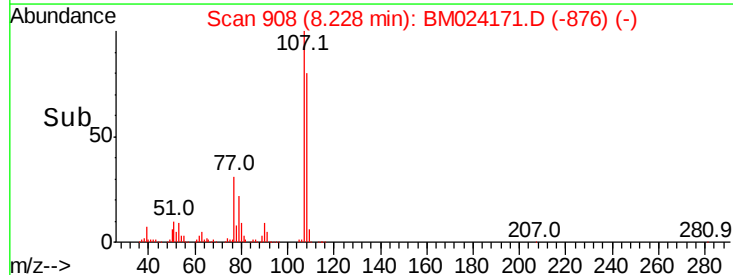
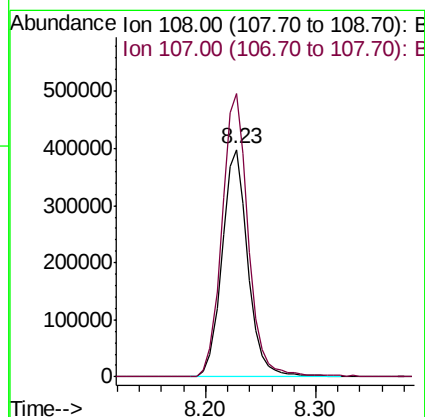
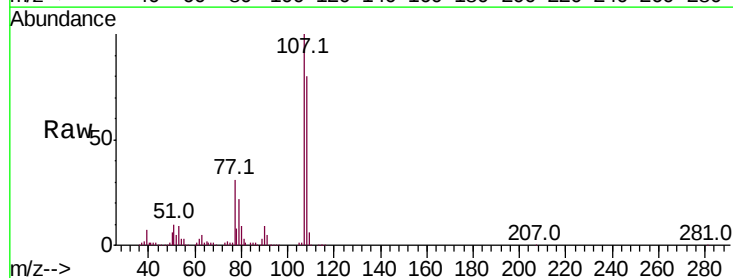


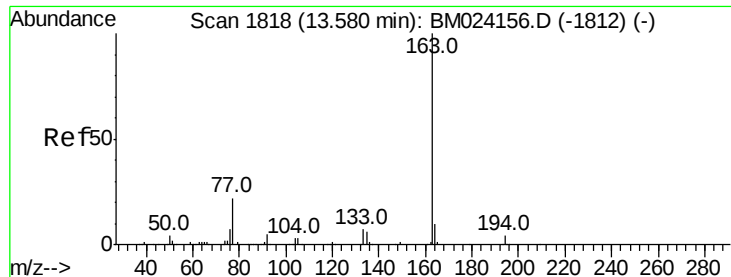
#16

4-Methylphenol

Concen: 18.570 ng/ul
 RT: 8.23 min Scan# 908
 Delta R.T. -0.01 min
 Lab File: BM024171.D
 Acq: 19 Dec 2019 02:22

Tgt Ion: 108 Resp: 650014
 Ion Ratio Lower Upper
 108 100
 107 124.4 89.1 133.7





#45

Dimethylphthalate

Concen: 2.889 ng/ul

RT: 13.58 min Scan# 1818

Delta R.T. -0.01 min

Lab File: BM024171.D

Acq: 19 Dec 2019 02:22

Instrument :

BNA_M

ClientSampled :

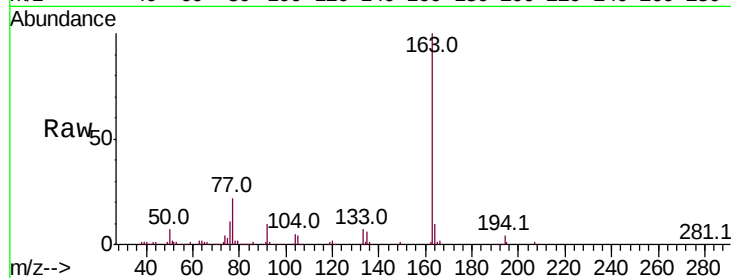
Tot Ion:163 Resp: 278961

Ion Ratio Lower Upper

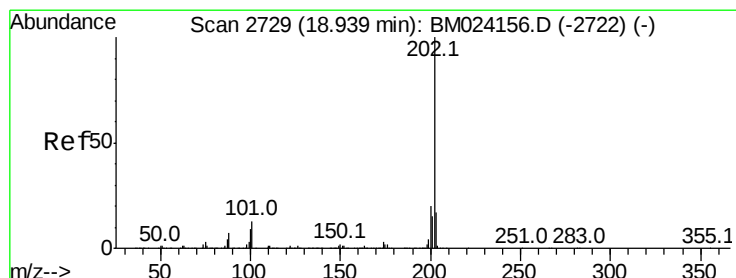
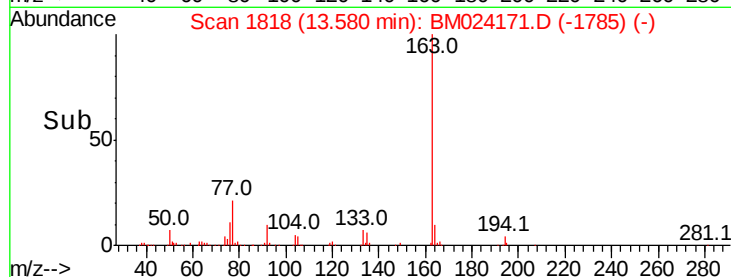
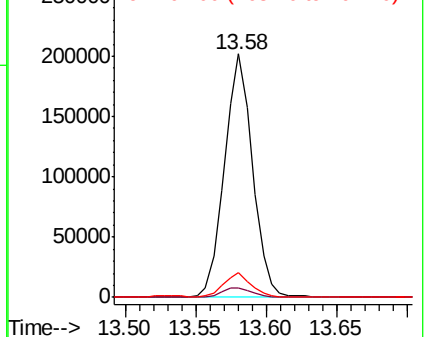
163 100

194 3.8 3.2 4.8

164 10.3 7.8 11.6



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



#77

Fluoranthene

Concen: 2.527 ng/ul

RT: 18.93 min Scan# 2728

Delta R.T. -0.01 min

Lab File: BM024171.D

Acq: 19 Dec 2019 02:22

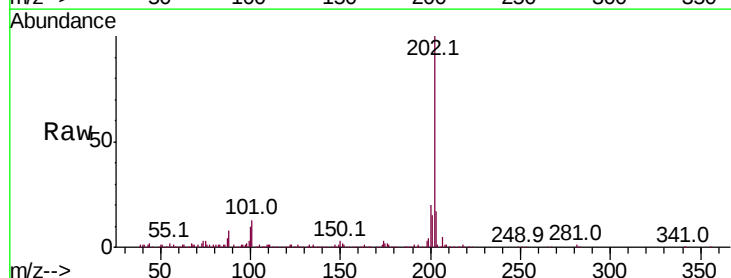
Tgt Ion:202 Resp: 392806

Ion Ratio Lower Upper

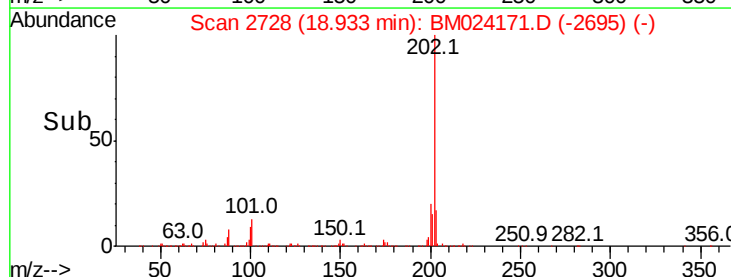
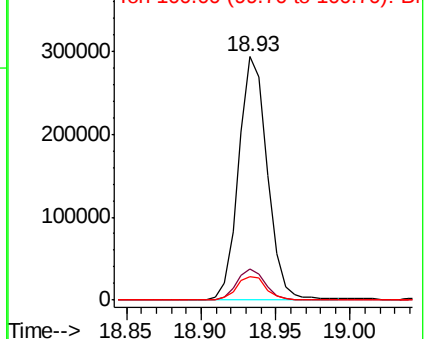
202 100

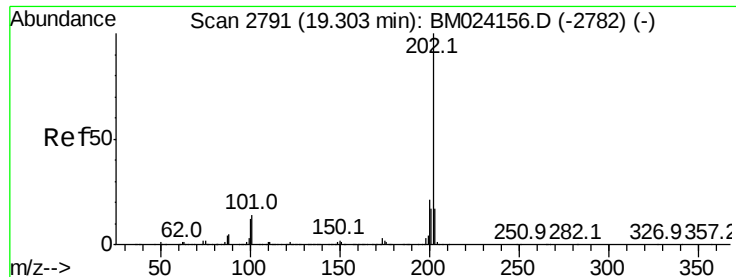
101 13.0 10.6 15.8

100 9.6 8.1 12.1



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

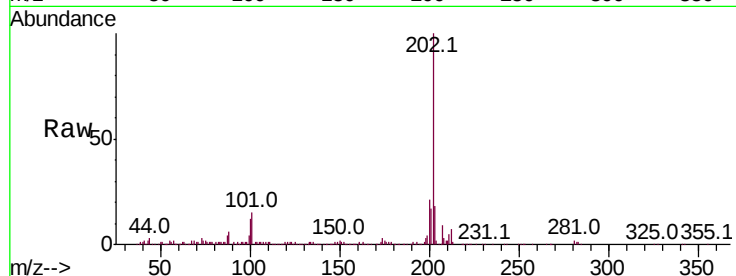




#80
Pvrene
Concen: 2.827 ng/ul
RT: 19.30 min Scan# 2790
Delta R.T. -0.01 min
Lab File: BM024171.D
Acq: 19 Dec 2019 02:22

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
101	14.8	12.2	18.4
100	12.3	10.0	15.0

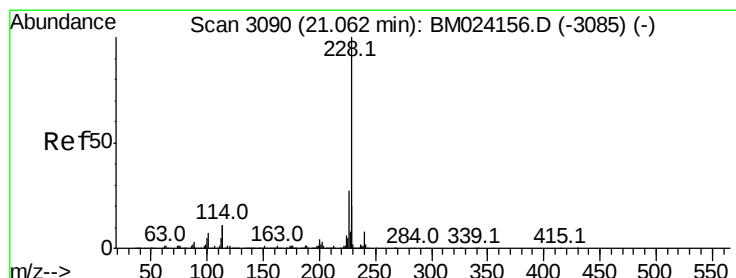
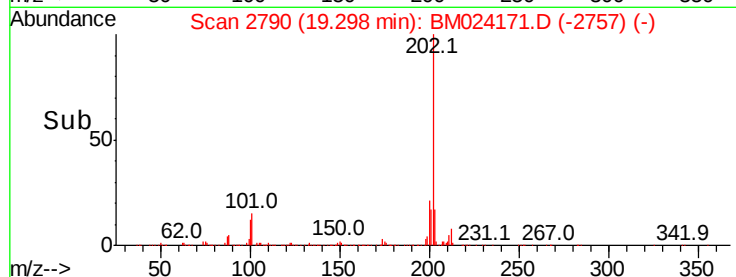
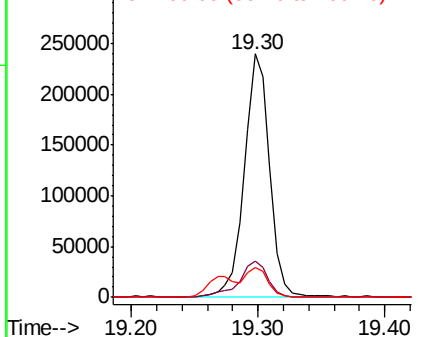


Abundance

Ion 202.00 (201.70 to 202.70): E

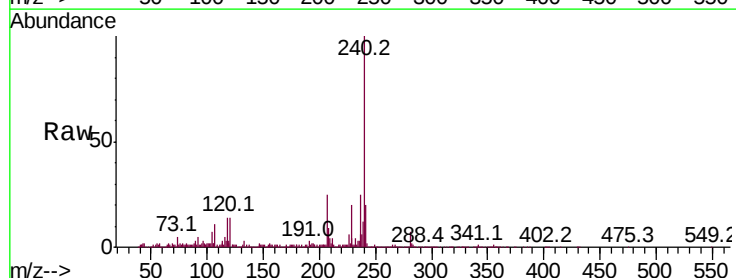
Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#83
Benzo(a)anthracene
Concen: 1.149 ng/ul
RT: 21.06 min Scan# 3090
Delta R.T. -0.01 min
Lab File: BM024171.D
Acq: 19 Dec 2019 02:22

Tgt Ion	Ratio	Lower	Upper
228	100		
229	22.3	15.8	23.8
226	28.8	22.2	33.2

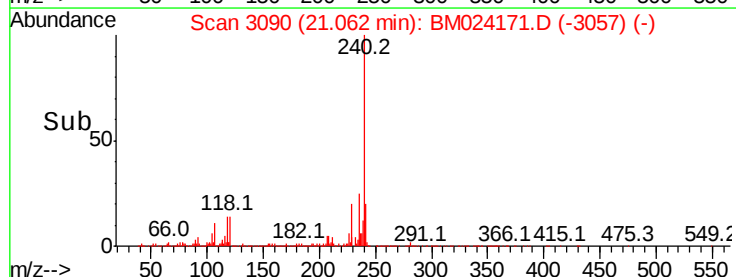
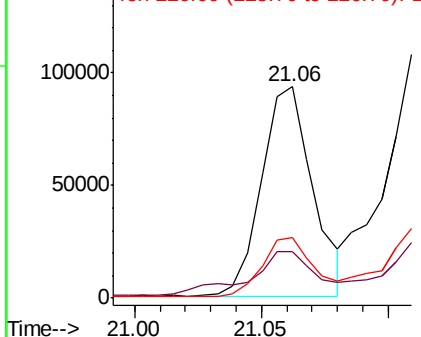


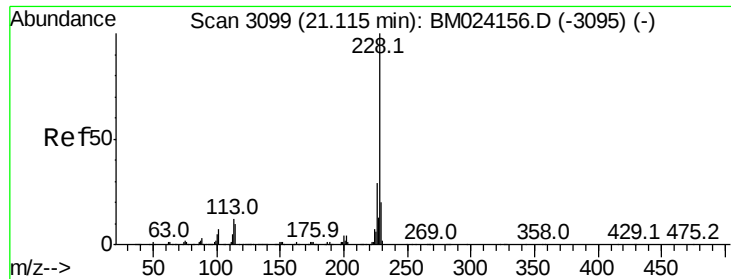
Abundance

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

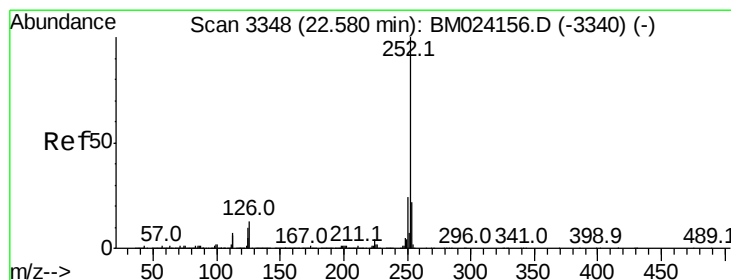
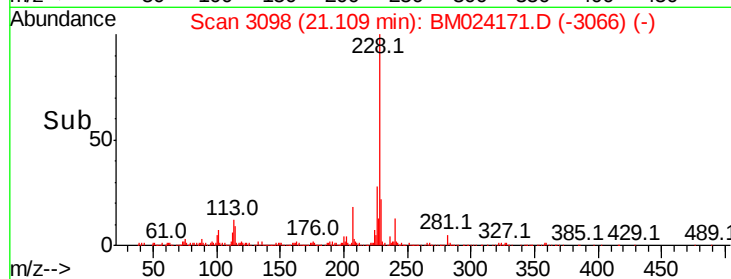
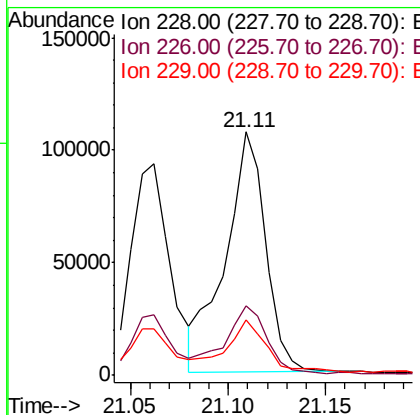
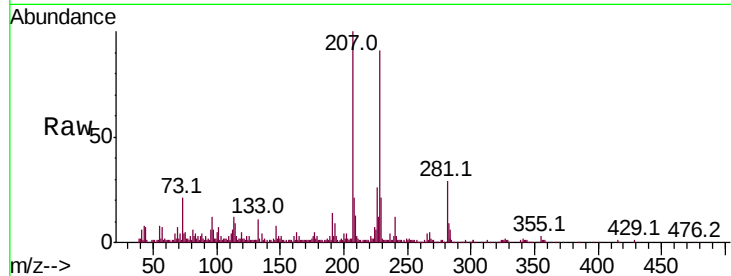




#85
Chrysene
Concen: 1.372 ng/ul
RT: 21.11 min Scan# 3098
Delta R.T. -0.01 min
Lab File: BM024171.D
Acq: 19 Dec 2019 02:22

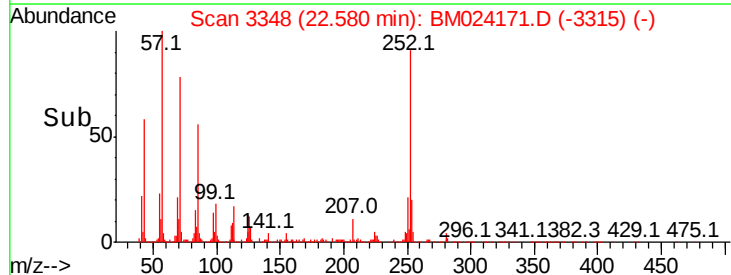
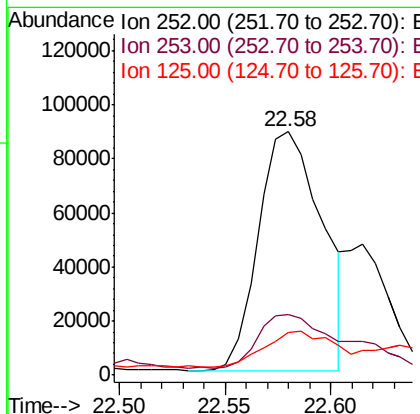
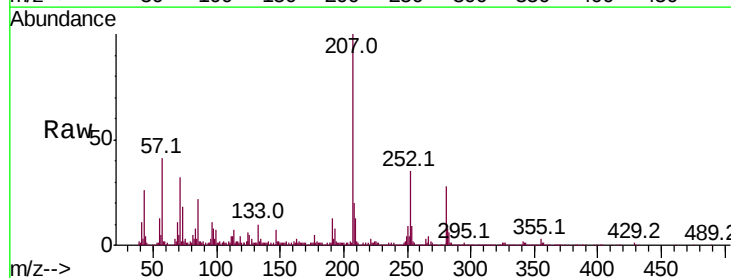
Instrument :
BNA_M
ClientSampled :

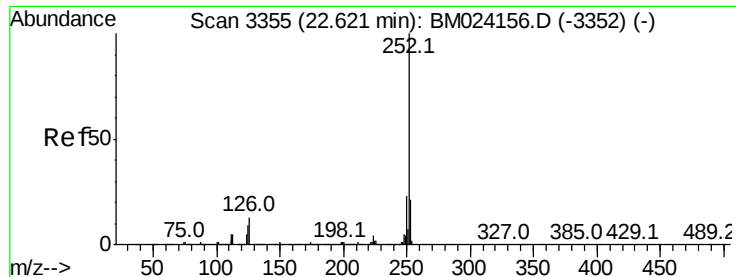
Tot Ion	Ratio	Lower	Upper
228	100		
226	28.7	24.0	36.0
229	22.9	15.4	23.2



#88
Benzo(b)fluoranthene
Concen: 1.757 ng/ul
RT: 22.58 min Scan# 3348
Delta R.T. -0.01 min
Lab File: BM024171.D
Acq: 19 Dec 2019 02:22

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.9	17.2	25.8
125	17.5	7.8	11.8

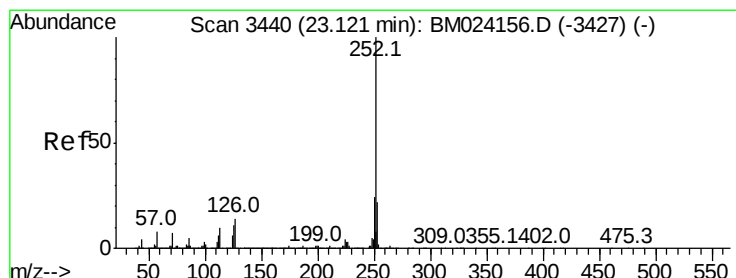
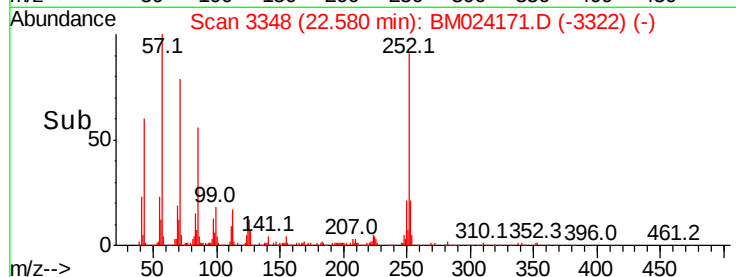
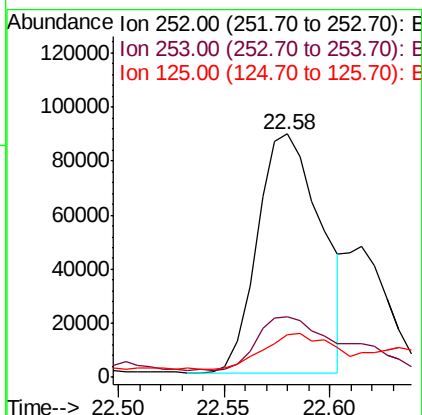
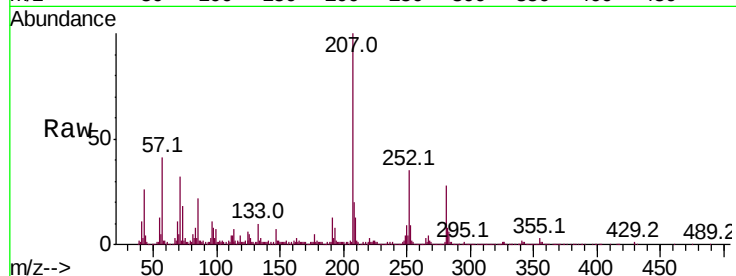




#89
Benzo(k)fluoranthene
Concen: 1.791 ng/ul
RT: 22.58 min Scan# 3348
Delta R.T. -0.05 min
Lab File: BM024171.D
Acq: 19 Dec 2019 02:22

Instrument :
BNA_M
ClientSampleId :

Tot Ion:252 Resp: 186456
Ion Ratio Lower Upper
252 100
253 24.9 17.8 26.8
125 17.5 7.9 11.9#



#91
Benzo(a)pyrene
Concen: 1.182 ng/ul
RT: 23.11 min Scan# 3439
Delta R.T. -0.01 min
Lab File: BM024171.D
Acq: 19 Dec 2019 02:22

Tgt Ion:252 Resp: 113522
Ion Ratio Lower Upper
252 100
253 25.8 17.5 26.3
125 18.7 8.2 12.4#

