

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121219\
 Data File : BM024057.D
 Acq On : 12 Dec 2019 14:10
 Operator : JU
 Sample : K6088-16
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Dec 13 00:59:37 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	419064	20.00	ng/ul	0.00
18) Naphthalene-d8	10.24	136	1736721	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.13	164	1037936	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.89	188	2002430	20.00	ng/ul	0.00
78) Chrysene-d12	21.09	240	1744144	20.00	ng/ul	-0.01
86) Perylene-d12	23.23	264	2090678	20.00	ng/ul	-0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.03	96	23157	2.46	ng/uL	0.00
5) Phenol-d5	6.66	99	460127	12.53	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.82	67	311906	14.60	ng/ul	0.00
9) 2-Chlorophenol-d4	7.01	132	371405	13.08	ng/ul	0.00
13) 4-Methylphenol-d8	8.19	113	344490	11.89	ng/ul	0.00
19) Nitrobenzene-d5	8.63	128	176184	13.07	ng/ul	0.00
22) 2-Nitrophenol-d4	9.35	143	189700	12.38	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.88	165	354118	12.21	ng/ul	0.00
29) 4-Chloroaniline-d4	10.40	131	318216	9.99	ng/ul	0.00
44) Dimethylphthalate-d6	13.56	166	1246468	15.46	ng/ul	0.00
47) Acenaphthylene-d8	13.82	160	1400961	14.82	ng/ul	0.00
52) 4-Nitrophenol-d4	14.37	143	99054	7.31	ng/ul	0.00
58) Fluorene-d10	15.13	176	1049751	15.47	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.28	200	129143	10.27	ng/ul	0.00
71) Anthracene-d10	16.99	188	1522910	15.92	ng/ul	0.00
79) Pyrene-d10	19.29	212	1663056	18.45	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.10	264	1944484	17.60	ng/ul	-0.01

Target Compounds

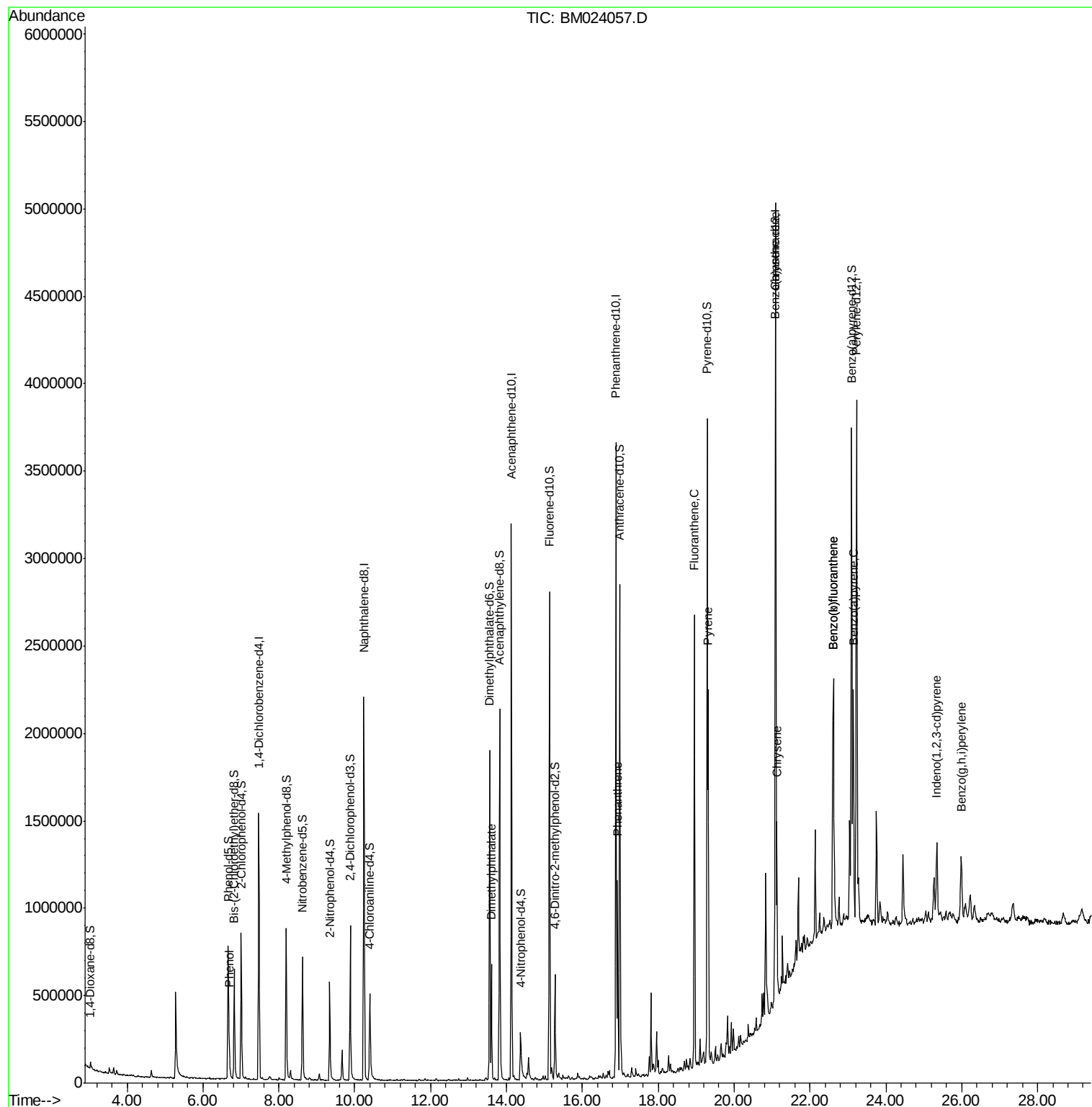
					Ovalue
6) Phenol	6.69	94	106294	2.813 ng/ul	93
45) Dimethylphthalate	13.60	163	436582	5.530 ng/ul	100
70) Phenanthrene	16.93	178	638337	5.643 ng/ul	99
77) Fluoranthene	18.96	202	1492024	12.299 ng/ul	98
80) Pyrene	19.32	202	1248297	10.622 ng/ul	99
83) Benzo(a)anthracene	21.08	228	551811	4.733 ng/ul	98
85) Chrysene	21.13	228	548036	5.006 ng/ul	98
88) Benzo(b)fluoranthene	22.60	252	809254	6.259 ng/ul	98
89) Benzo(k)fluoranthene	22.60	252	809254	6.594 ng/ul	97
91) Benzo(a)pyrene	23.14	252	584990	4.785 ng/ul#	96
92) Indeno(1,2,3-cd)pyrene	25.34	276	433437	2.855 ng/ul	95
94) Benzo(g,h,i)perylene	25.99	276	430471	3.386 ng/ul	100

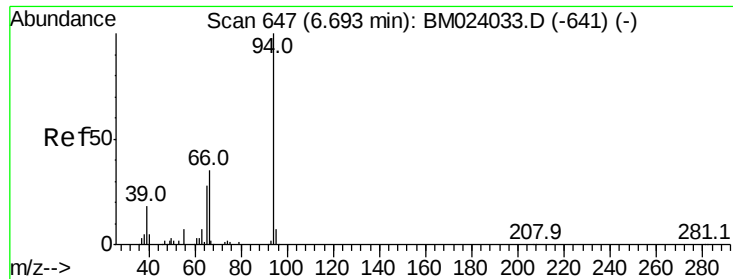
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121219\
Data File : BM024057.D
Acq On : 12 Dec 2019 14:10
Operator : JU
Sample : K6088-16
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Dec 13 00:59:37 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: 2.813 ng/ul

RT: 6.69 min Scan# 647

Delta R.T. -0.01 min

Lab File: BM024057.D

Acq: 12 Dec 2019 14:10

Instrument :

BNA_M

ClientSampleId :

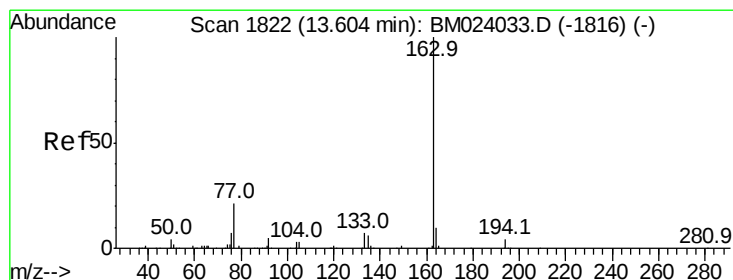
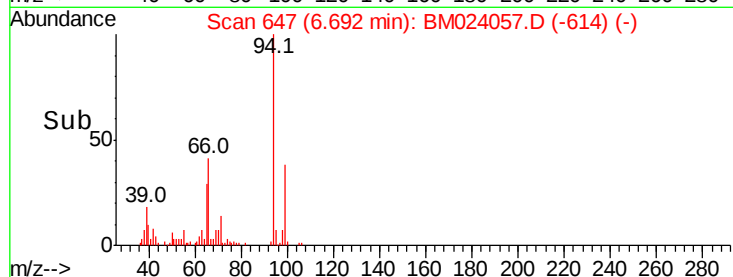
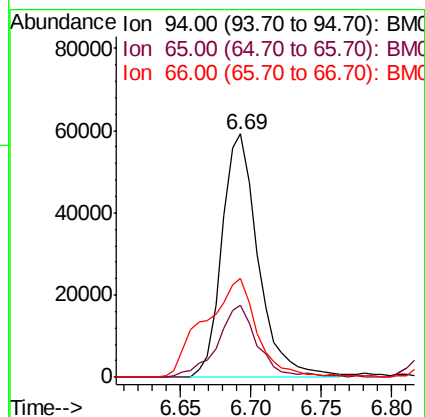
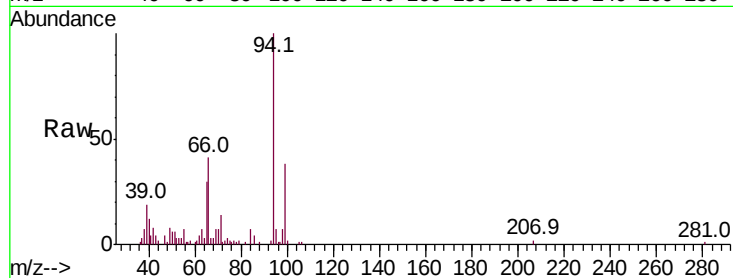
Tot Ion: 94 Resp: 106294

Ion Ratio Lower Upper

94 100

65 29.7 21.7 32.5

66 40.9 28.8 43.2



#45

Dimethylphthalate

Concen: 5.530 ng/ul

RT: 13.60 min Scan# 1822

Delta R.T. -0.01 min

Lab File: BM024057.D

Acq: 12 Dec 2019 14:10

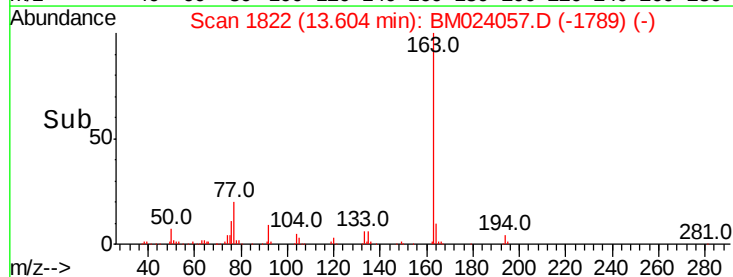
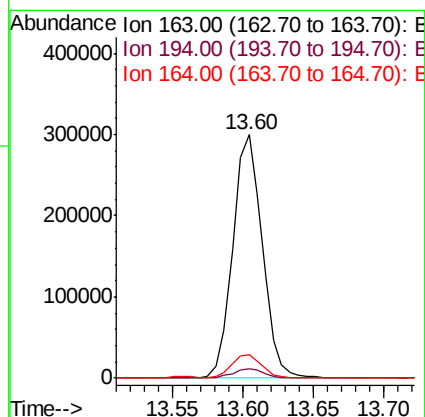
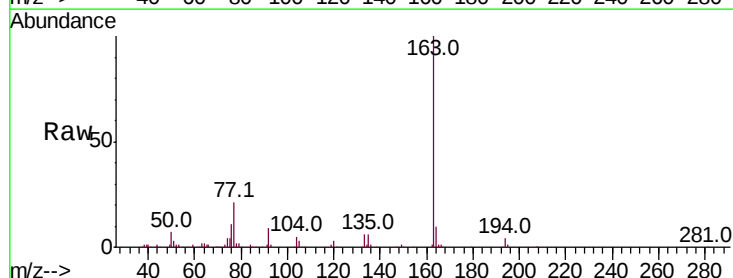
Tgt Ion: 163 Resp: 436582

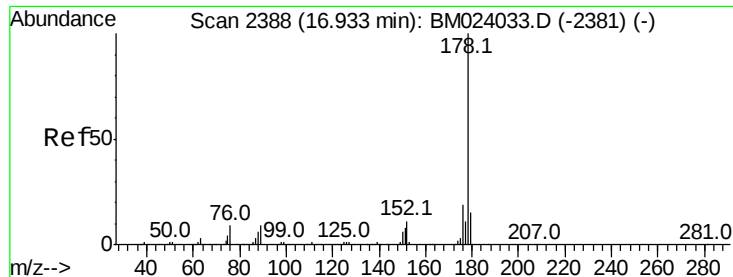
Ion Ratio Lower Upper

163 100

194 4.1 3.3 4.9

164 9.8 7.9 11.9





#70

Phenanthrene

Concen: 5.643 ng/ul

RT: 16.93 min Scan# 2387

Delta R.T. -0.01 min

Lab File: BM024057.D

Acq: 12 Dec 2019 14:10

Instrument :

BNA_M

ClientSampleId :

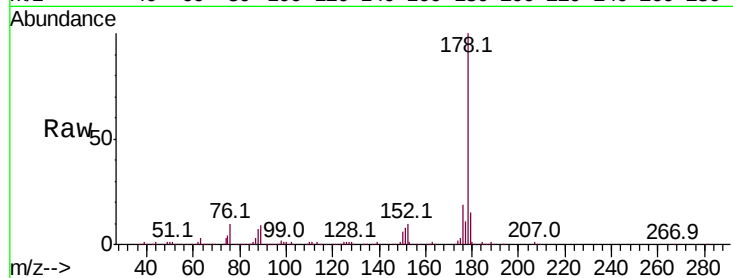
Tot Ion:178 Resp: 638337

Ion Ratio Lower Upper

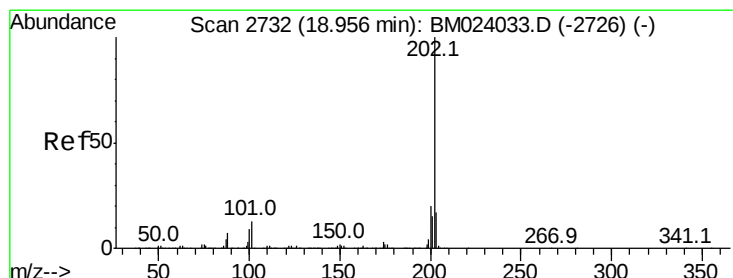
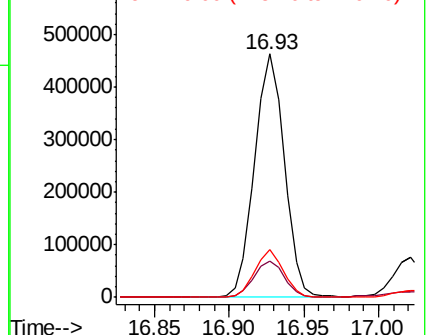
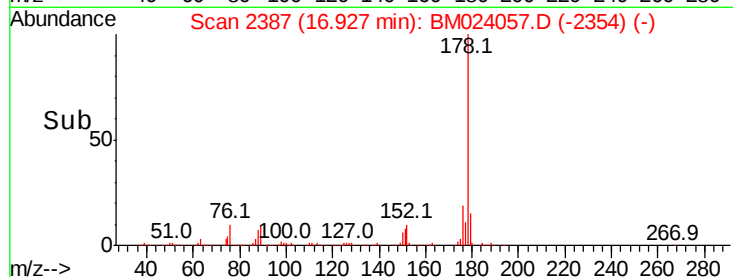
178 100

179 14.7 12.0 18.0

176 19.4 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: 12.299 ng/ul

RT: 18.96 min Scan# 2732

Delta R.T. -0.01 min

Lab File: BM024057.D

Acq: 12 Dec 2019 14:10

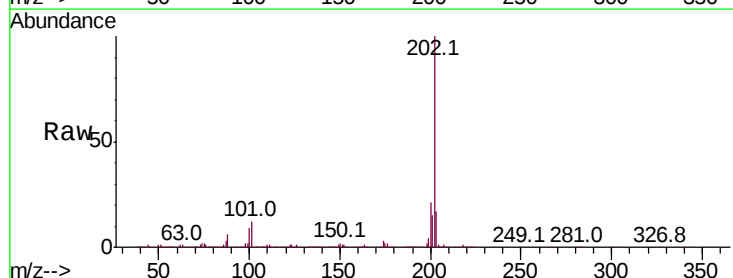
Tgt Ion:202 Resp: 1492024

Ion Ratio Lower Upper

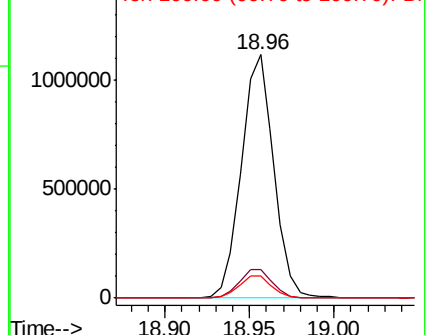
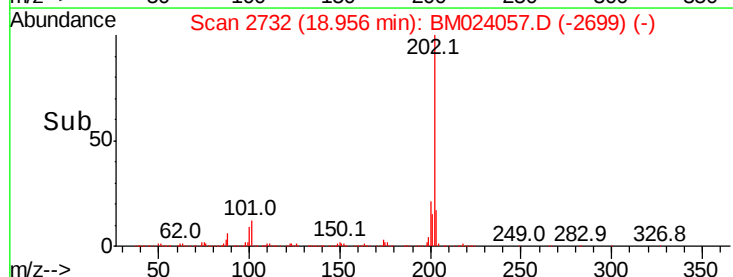
202 100

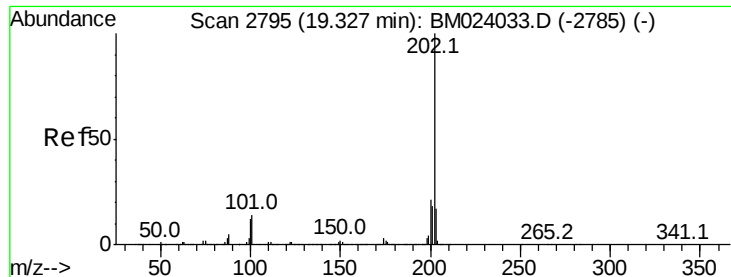
101 11.8 10.1 15.1

100 9.1 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): E

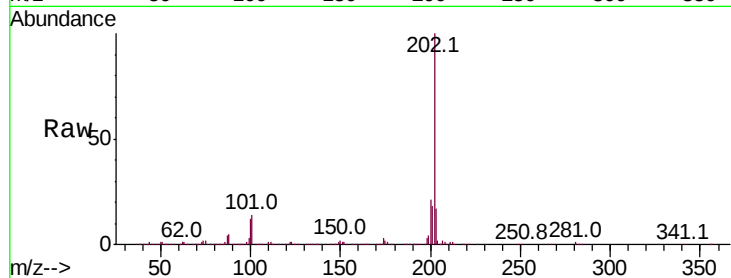




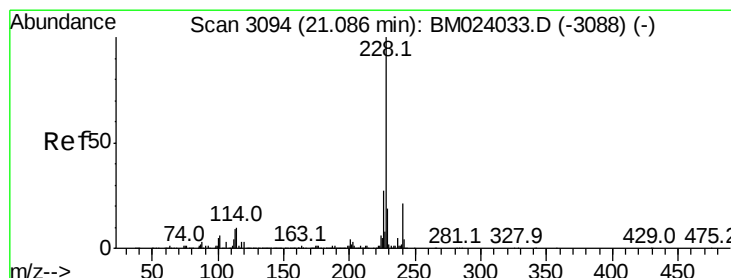
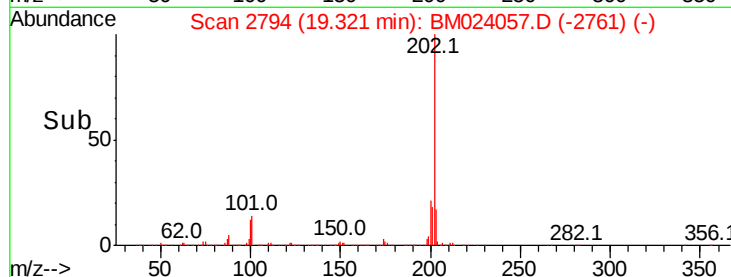
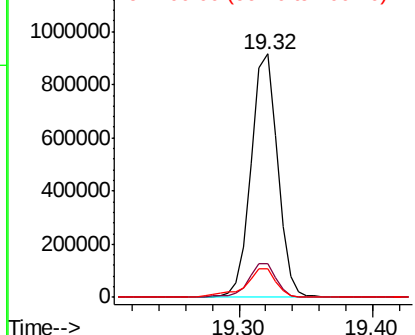
#80
Pvrene
Concen: 10.622 ng/ul
RT: 19.32 min Scan# 2794
Delta R.T. -0.01 min
Lab File: BM024057.D
Acq: 12 Dec 2019 14:10

Instrument :
BNA_M
ClientSampleId :

Tot Ion:202 Resp: 1248297
Ion Ratio Lower Upper
202 100
101 13.9 11.8 17.6
100 11.8 9.8 14.6

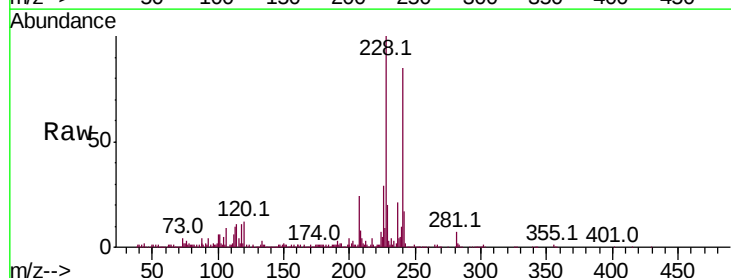


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

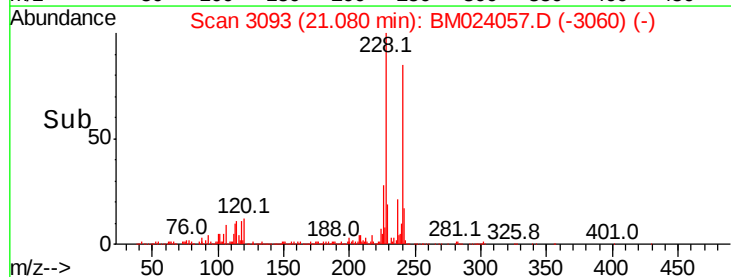
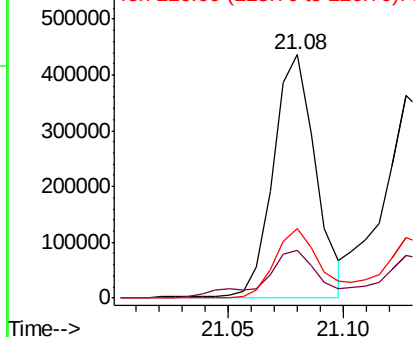


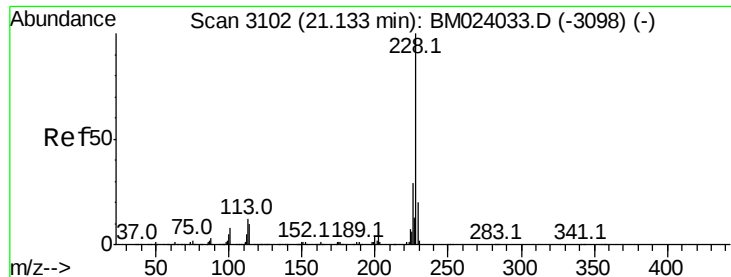
#83
Benzo(a)anthracene
Concen: 4.733 ng/ul
RT: 21.08 min Scan# 3093
Delta R.T. -0.01 min
Lab File: BM024057.D
Acq: 12 Dec 2019 14:10

Tgt Ion:228 Resp: 551811
Ion Ratio Lower Upper
228 100
229 19.7 15.6 23.4
226 28.5 21.4 32.0



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: 5.006 ng/ul

RT: 21.13 min Scan# 3101

Delta R.T. -0.01 min

Lab File: BM024057.D

Acq: 12 Dec 2019 14:10

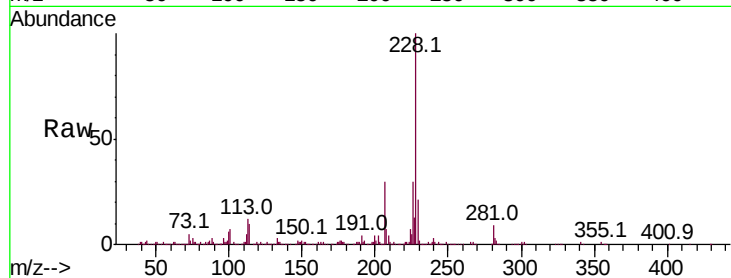
Instrument :

BNA_M

ClientSampleId :

Tot Ion:228 Resp: 548036

Ion	Ratio	Lower	Upper
228	100		
226	29.8	23.4	35.2
229	21.1	15.3	22.9

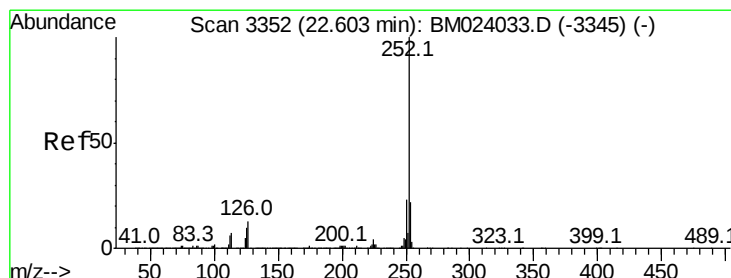
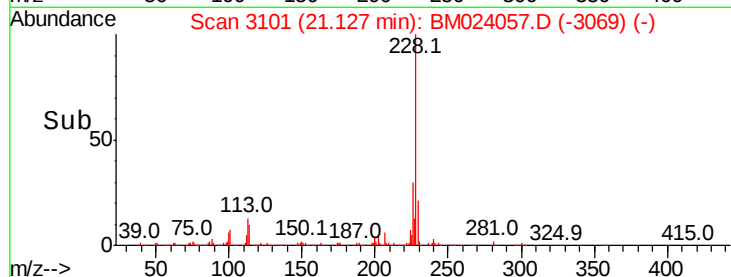
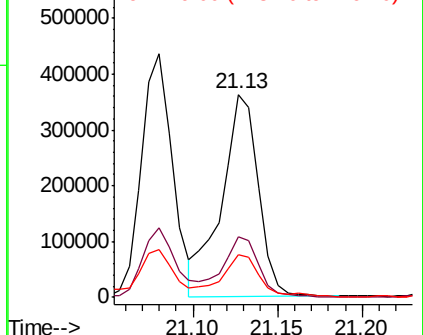


Abundance

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: 6.259 ng/ul

RT: 22.60 min Scan# 3352

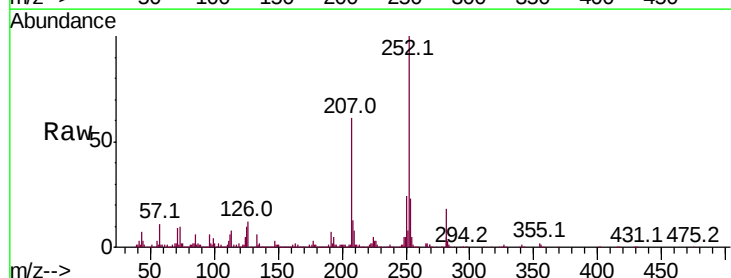
Delta R.T. -0.01 min

Lab File: BM024057.D

Acq: 12 Dec 2019 14:10

Tgt Ion:252 Resp: 809254

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.4	26.0
125	10.1	7.4	11.2

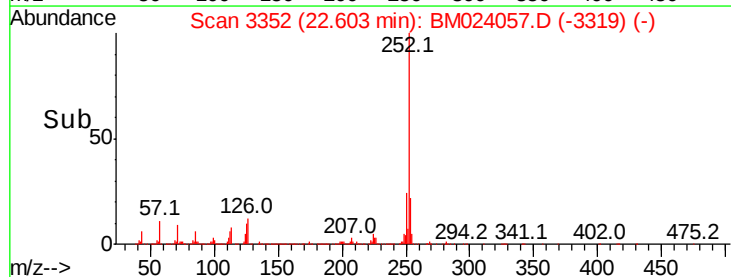
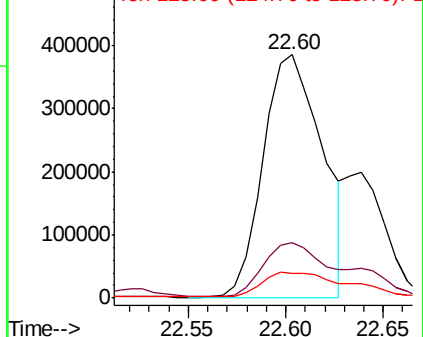


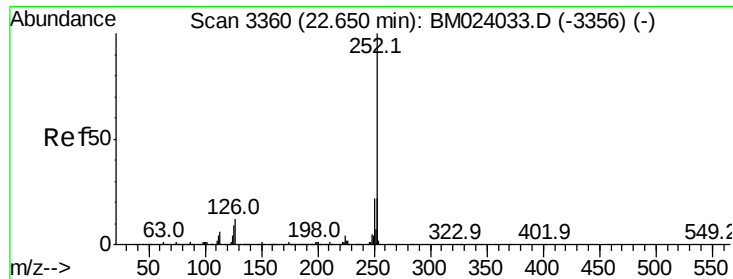
Abundance

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





#89

Benzo(k)fluoranthene

Concen: 6.594 ng/ul

RT: 22.60 min Scan# 3352

Delta R.T. -0.05 min

Lab File: BM024057.D

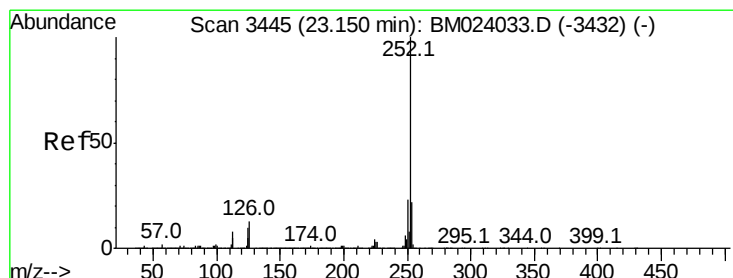
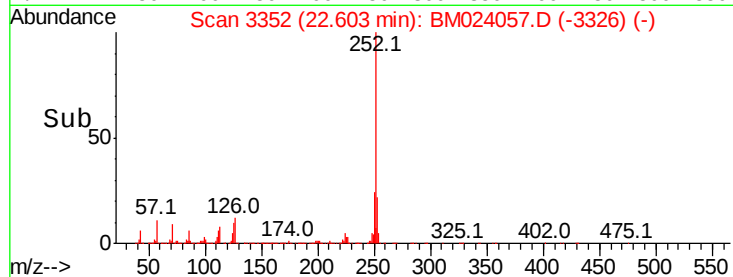
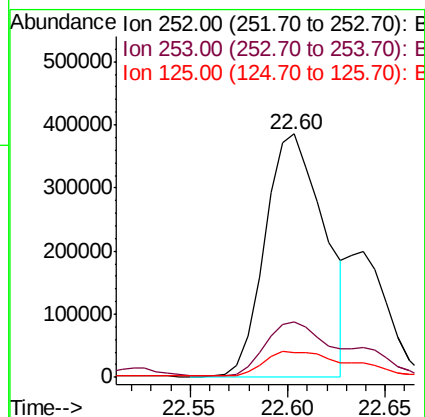
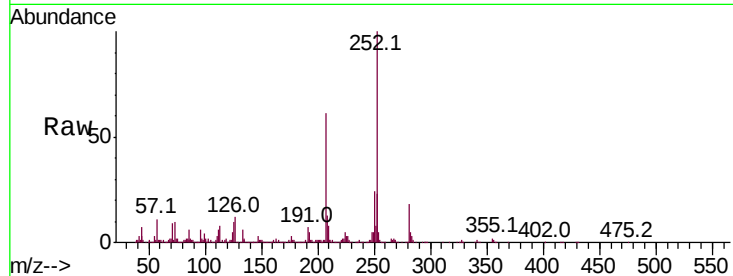
Acq: 12 Dec 2019 14:10

Instrument :

BNA_M

ClientSampleId :

Tot Ion:252	Resp:	809254
Ion Ratio	Lower	Upper
252	100	
253	22.7	17.2 25.8
125	10.1	7.0 10.4



#91

Benzo(a)pyrene

Concen: 4.785 ng/ul

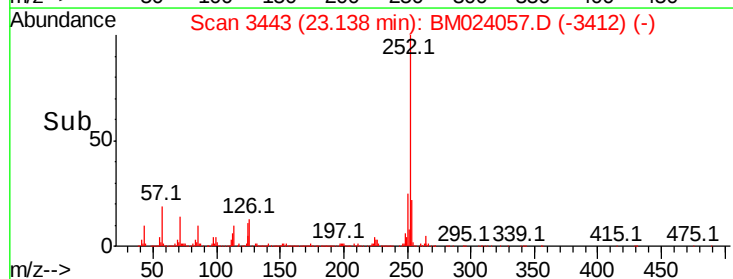
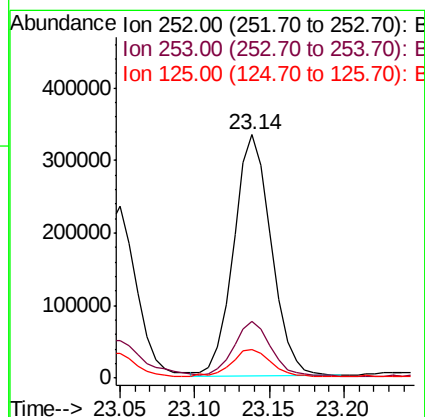
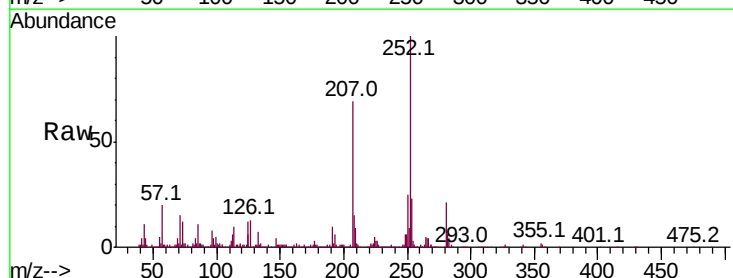
RT: 23.14 min Scan# 3443

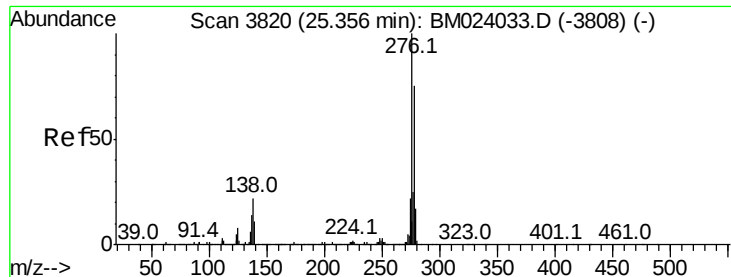
Delta R.T. -0.02 min

Lab File: BM024057.D

Acq: 12 Dec 2019 14:10

Tgt Ion:252	Resp:	584990
Ion Ratio	Lower	Upper
252	100	
253	23.3	17.2 25.8
125	11.8	7.8 11.6#



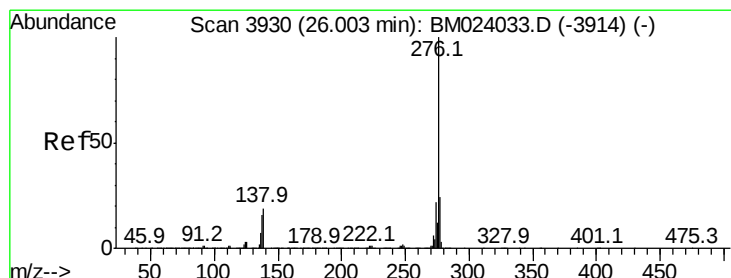
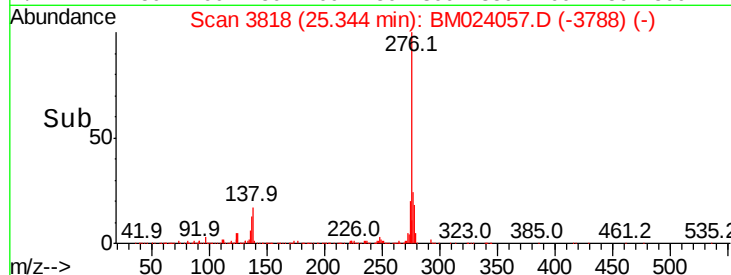
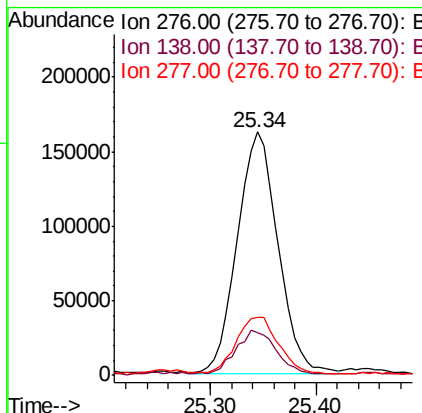
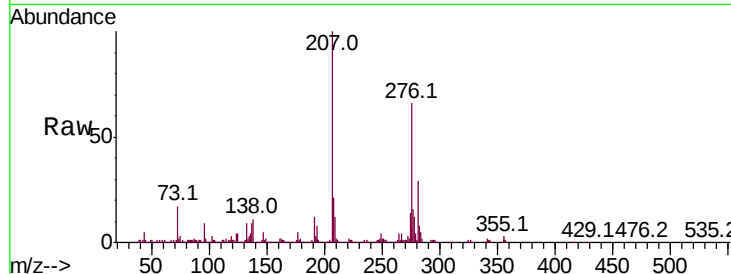


#92

Indeno(1,2,3-cd)pyrene
Concen: 2.855 ng/ul
RT: 25.34 min Scan# 3818
Delta R.T. -0.02 min
Lab File: BM024057.D
Acq: 12 Dec 2019 14:10

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	17.4	17.0	25.6
277	23.8	19.8	29.8



#94

Benzo(g,h,i)perylene
Concen: 3.386 ng/ul
RT: 25.99 min Scan# 3928
Delta R.T. -0.02 min
Lab File: BM024057.D
Acq: 12 Dec 2019 14:10

Tgt Ion	Ratio	Lower	Upper
276	100		
138	18.6	14.9	22.3
277	23.9	19.1	28.7

