

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122819\
 Data File : BM024357.D
 Acq On : 28 Dec 2019 19:47
 Operator : JU
 Sample : K6278-05
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0C48

Quant Time: Dec 29 01:32:31 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Dec 29 01:30:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.41	152	328362	20.00	ng/ul	0.00
18) Naphthalene-d8	10.17	136	1507695	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.07	164	926920	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.83	188	1899862	20.00	ng/ul	0.00
78) Chrysene-d12	21.05	240	1782401	20.00	ng/ul	0.00
86) Perylene-d12	23.17	264	2157837	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.99	96	26325	3.54	ng/uL	0.00
5) Phenol-d5	6.62	99	447228	14.38	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.76	67	302706	16.23	ng/ul	0.00
9) 2-Chlorophenol-d4	6.95	132	360586	16.26	ng/ul	0.00
13) 4-Methylphenol-d8	8.14	113	342029	13.46	ng/ul	0.00
19) Nitrobenzene-d5	8.57	128	171739	15.85	ng/ul	0.00
22) 2-Nitrophenol-d4	9.28	143	190807	16.02	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.82	165	327701	14.15	ng/ul	0.00
29) 4-Chloroaniline-d4	10.34	131	340824	12.12	ng/ul	0.00
44) Dimethylphthalate-d6	13.50	166	1003667	14.64	ng/ul	0.00
47) Acenaphthylene-d8	13.76	160	1226218	14.93	ng/ul	0.00
52) 4-Nitrophenol-d4	14.35	143	86073	6.99	ng/ul	0.02
58) Fluorene-d10	15.08	176	890600	14.82	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.24	200	82368	7.11	ng/ul	0.00
71) Anthracene-d10	16.93	188	1296031	14.99	ng/ul	0.00
79) Pyrene-d10	19.24	212	1403538	16.53	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.04	264	1660508	15.49	ng/ul	0.00

Target Compounds

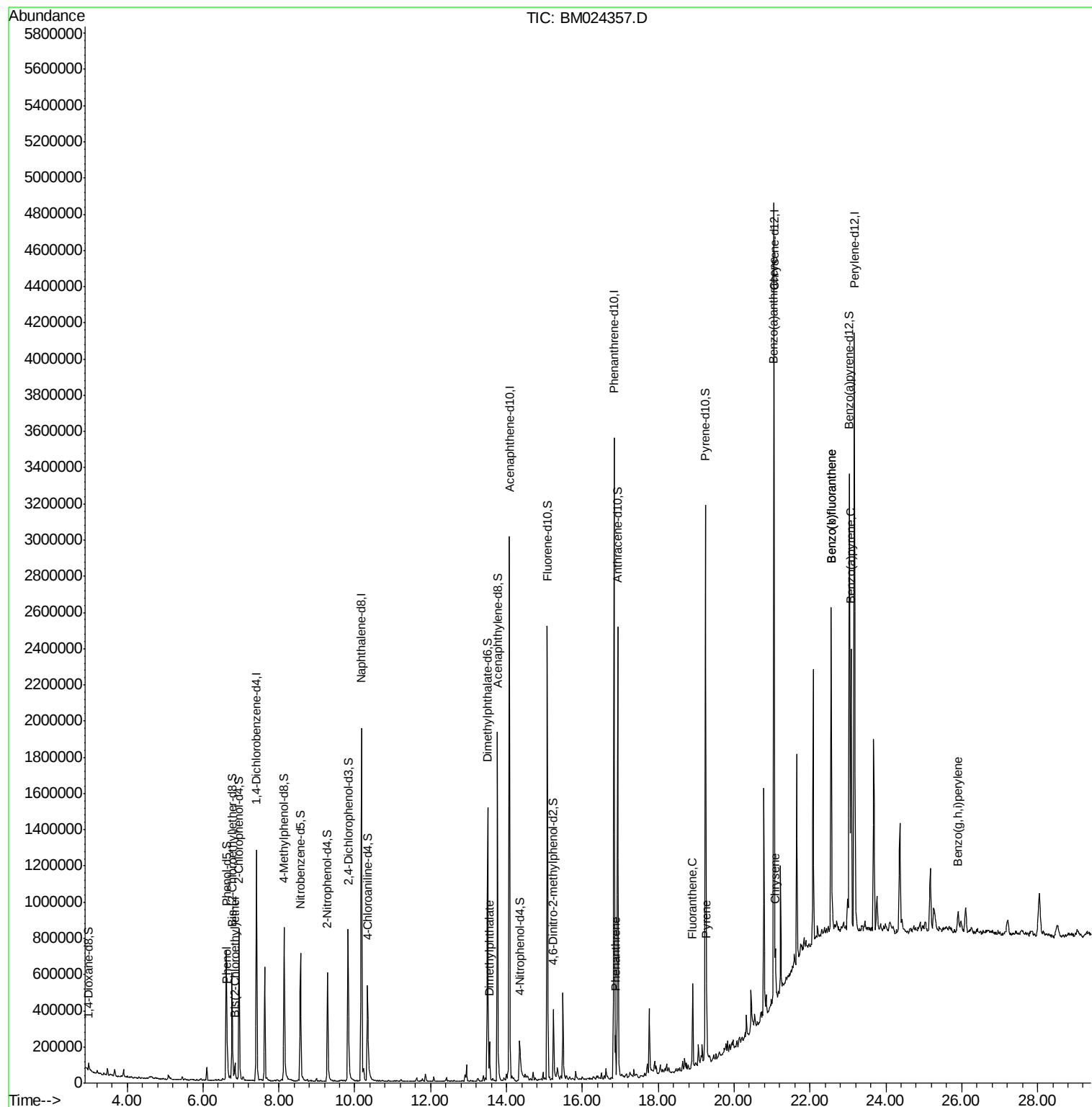
					Ovalue	
6) Phenol	6.64	94	58403	1.819	ng/ul#	87
8) Bis(2-Chloroethyl)ether	6.85	93	31406	1.262	ng/ul#	25
45) Dimethylphthalate	13.55	163	127807	1.794	ng/ul	99
70) Phenanthrene	16.87	178	113598	1.068	ng/ul	99
77) Fluoranthene	18.91	202	241333	2.082	ng/ul	100
80) Pyrene	19.27	202	213421	1.834	ng/ul	100
83) Benzo(a)anthracene	21.04	228	118125	1.040	ng/ul	97
85) Chrysene	21.09	228	143342	1.288	ng/ul	97
88) Benzo(b)fluoranthene	22.55	252	231081	1.790	ng/ul#	92
89) Benzo(k)fluoranthene	22.55	252	231081	1.824	ng/ul#	93
91) Benzo(a)pyrene	23.08	252	139395	1.193	ng/ul#	84
94) Benzo(g,h,i)perylene	25.90	276	118892	1.038	ng/ul	97

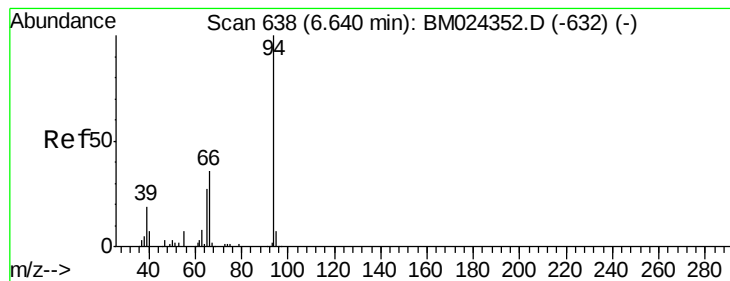
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 15 Sample Multiplier: 1

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Quant Time: Dec 29 01:32:31 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Dec 29 01:30:05 2019
Response via : Initial Calibration





#6

Phenol

Concen: 1.819 ng/ul

RT: 6.64 min Scan# 638

Delta R.T. -0.00 min

Lab File: BM024357.D

Acq: 28 Dec 2019 19:47

Instrument :

BNA_M

ClientSampleId :

C0C48

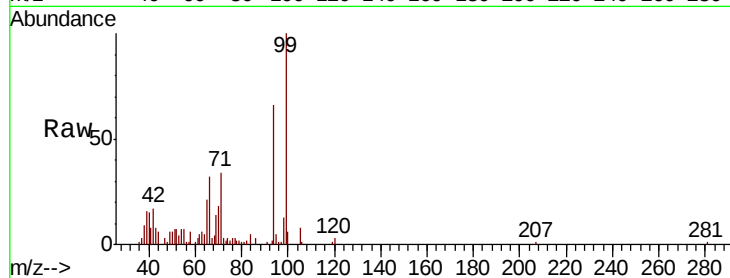
Tot Ion: 94 Resp: 58403

Ion Ratio Lower Upper

94 100

65 31.9 22.6 33.8

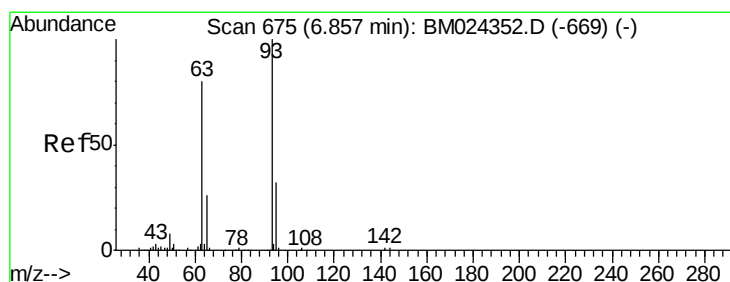
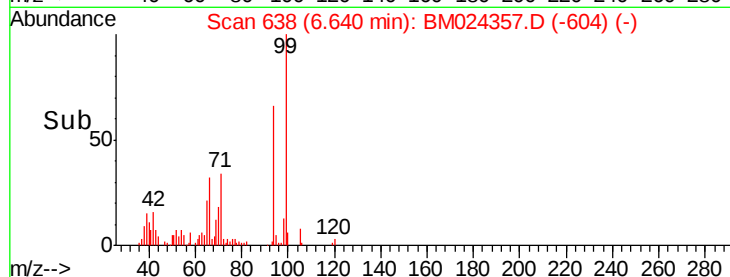
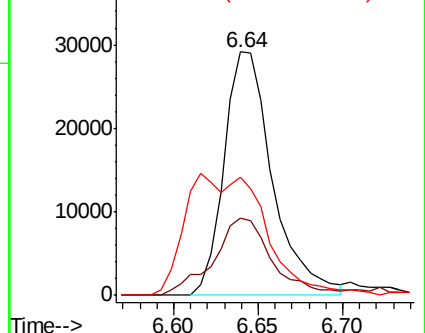
66 48.6 30.7 46.1#



Abundance Ion 94.00 (93.70 to 94.70): BM024357.D (-604) (-)

Ion 65.00 (64.70 to 65.70): BM024357.D (-604) (-)

Ion 66.00 (65.70 to 66.70): BM024357.D (-604) (-)



#8

Bis(2-Chloroethyl)ether

Concen: 1.262 ng/ul

RT: 6.85 min Scan# 673

Delta R.T. -0.01 min

Lab File: BM024357.D

Acq: 28 Dec 2019 19:47

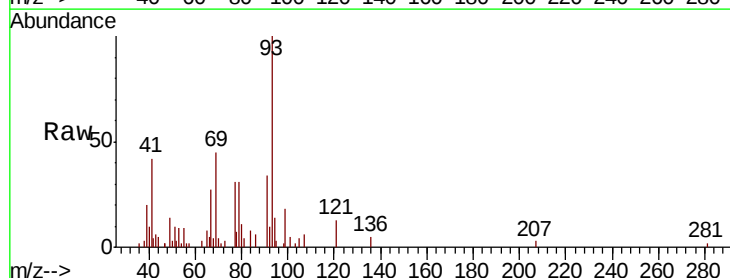
Tgt Ion: 93 Resp: 31406

Ion Ratio Lower Upper

93 100

63 3.2 59.8 89.6#

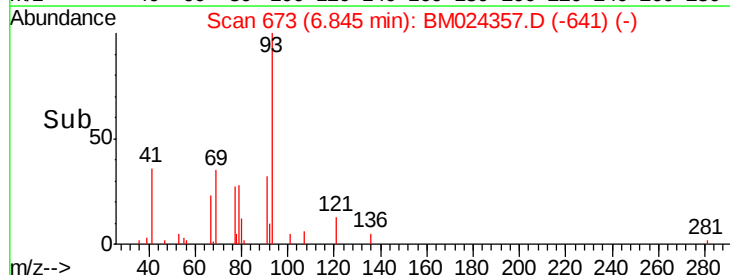
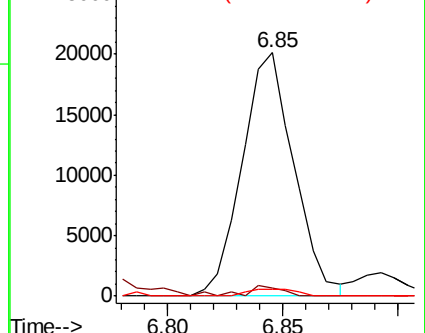
95 2.6 25.4 38.2#

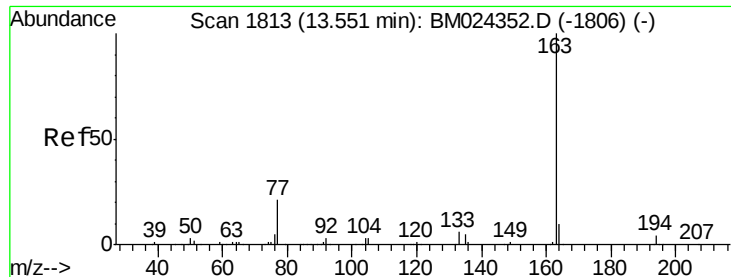


Abundance Ion 93.00 (92.70 to 93.70): BM024357.D (-641) (-)

Ion 63.00 (62.70 to 63.70): BM024357.D (-641) (-)

Ion 95.00 (94.70 to 95.70): BM024357.D (-641) (-)

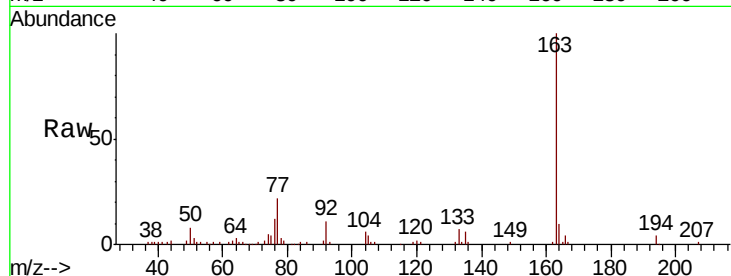




#45
Dimethylphthalate
Concen: 1.794 ng/ul
RT: 13.55 min Scan# 1813
Delta R.T. -0.00 min
Lab File: BM024357.D
Acq: 28 Dec 2019 19:47

Instrument :
BNA_M
ClientSampleId :
C0C48

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.2	4.8
164	10.3	7.8	11.6

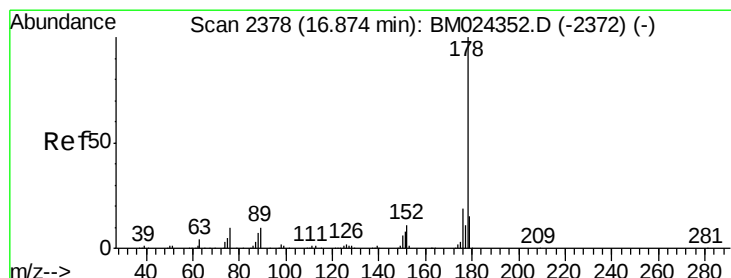
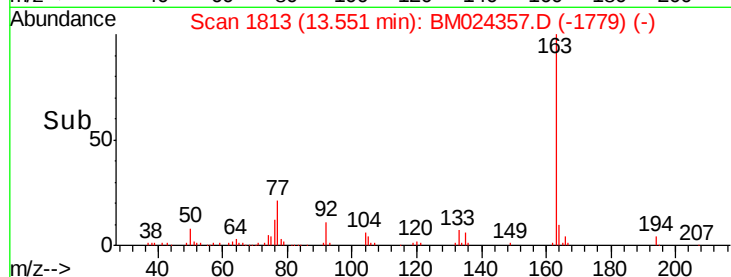
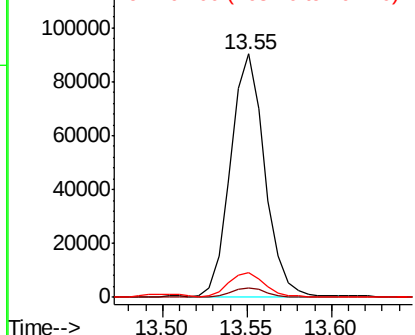


Abundance

Ion 163.00 (162.70 to 163.70): E

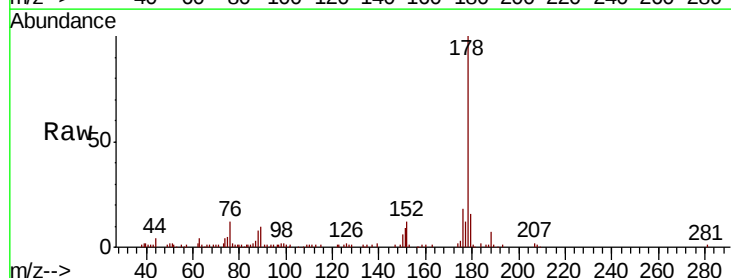
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#70
Phenanthrene
Concen: 1.068 ng/ul
RT: 16.87 min Scan# 2378
Delta R.T. -0.00 min
Lab File: BM024357.D
Acq: 28 Dec 2019 19:47

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.6	19.0
176	18.2	15.1	22.7

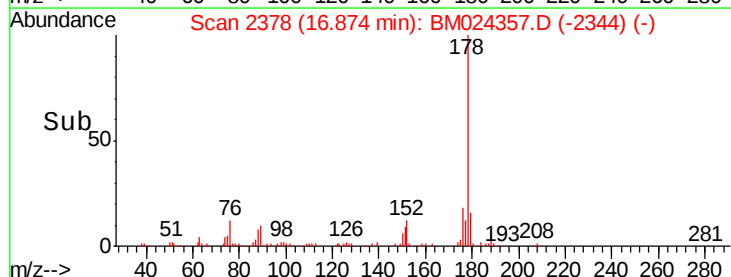
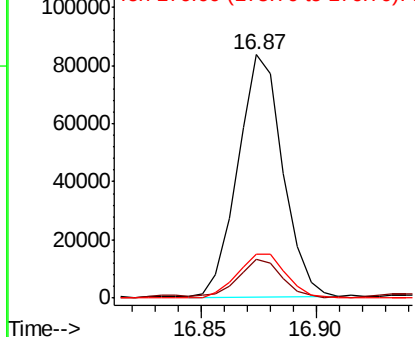


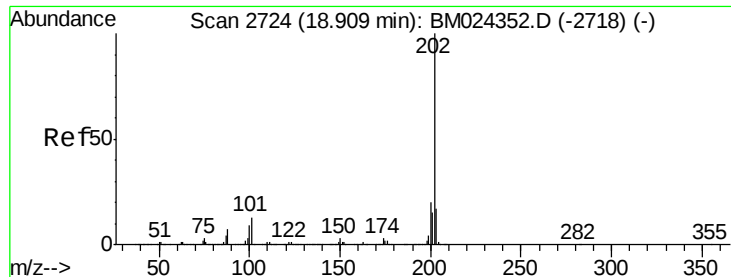
Abundance

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

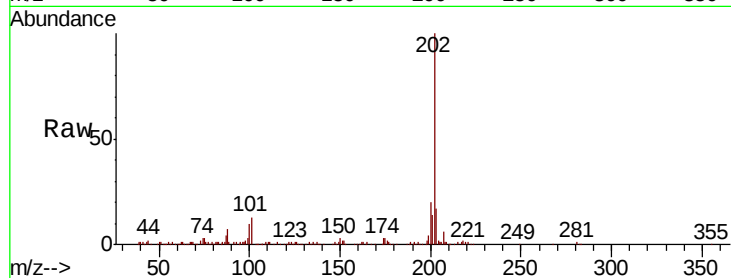




#77
Fluoranthene
Concen: 2.082 ng/ul
RT: 18.91 min Scan# 2724
Delta R.T. -0.00 min
Lab File: BM024357.D
Acq: 28 Dec 2019 19:47

Instrument :
BNA_M
ClientSampleId :
C0C48

Tot Ion	Ratio	Lower	Upper
202	100		
101	13.2	10.6	15.8
100	10.0	8.1	12.1

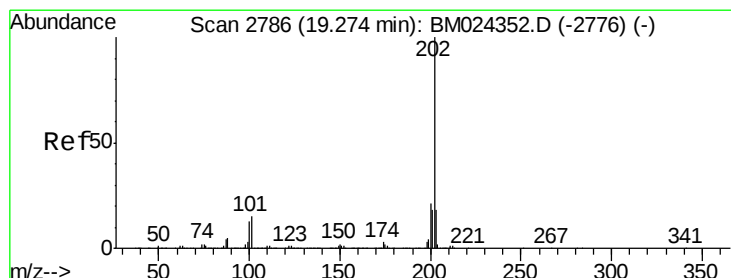
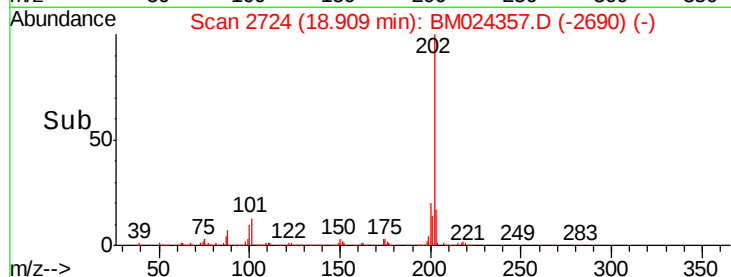
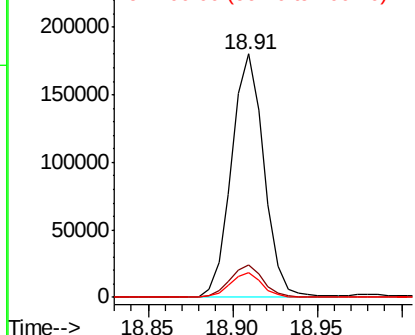


Abundance

Ion 202.00 (201.70 to 202.70): E

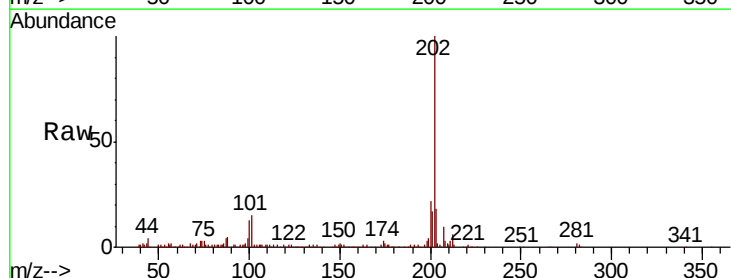
Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#80
Pyrene
Concen: 1.834 ng/ul
RT: 19.27 min Scan# 2786
Delta R.T. -0.00 min
Lab File: BM024357.D
Acq: 28 Dec 2019 19:47

Tgt Ion	Ratio	Lower	Upper
202	100		
101	15.1	12.2	18.4
100	12.7	10.0	15.0

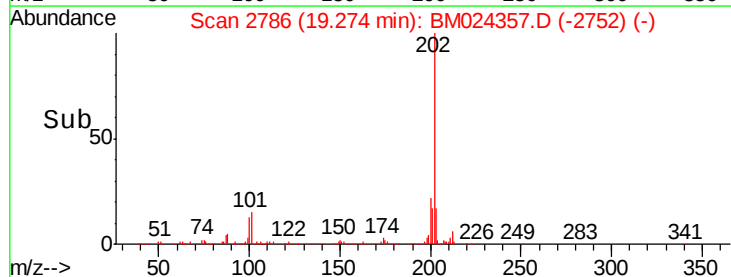
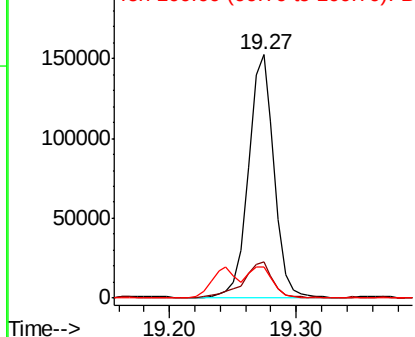


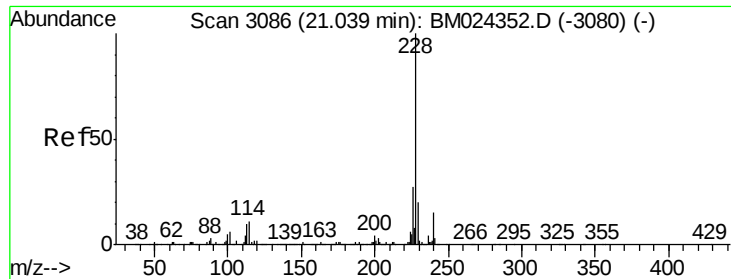
Abundance

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: 1.040 ng/ul

RT: 21.04 min Scan# 3086

Delta R.T. -0.00 min

Lab File: BM024357.D

Acq: 28 Dec 2019 19:47

Instrument :

BNA_M

ClientSampleId :

C0C48

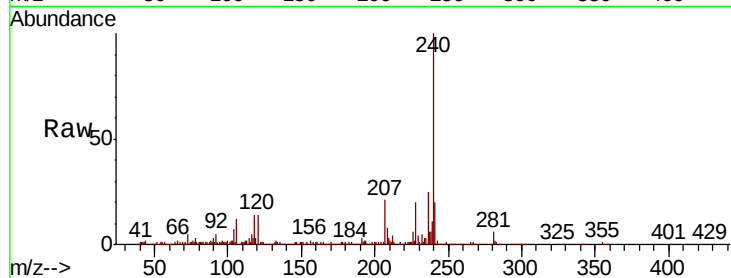
Tot Ion:228 Resp: 118125

Ion Ratio Lower Upper

228 100

229 20.8 15.8 23.8

226 29.8 22.2 33.2

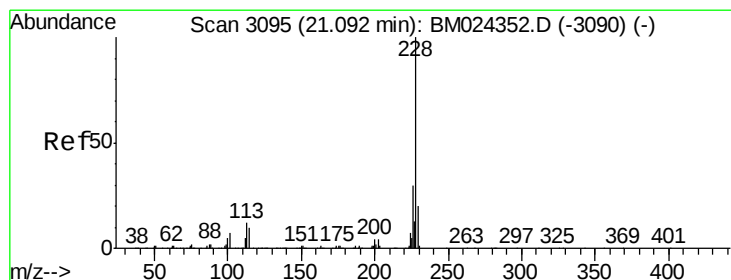
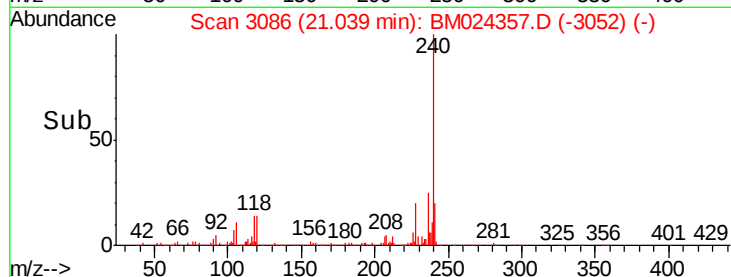
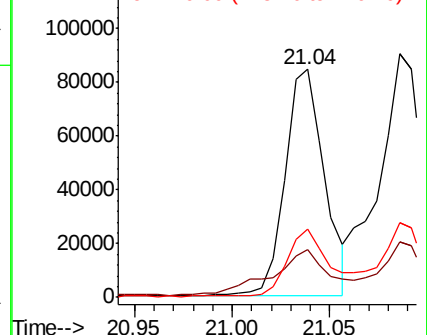


Abundance

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: 1.288 ng/ul

RT: 21.09 min Scan# 3094

Delta R.T. -0.01 min

Lab File: BM024357.D

Acq: 28 Dec 2019 19:47

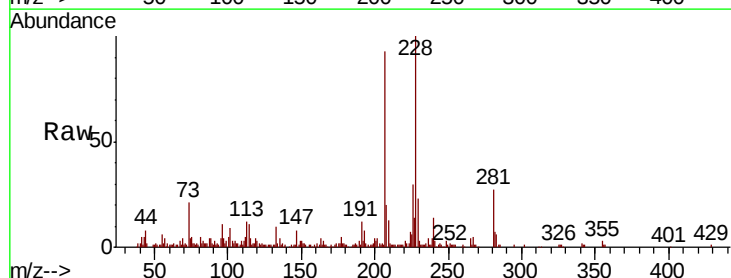
Tgt Ion:228 Resp: 143342

Ion Ratio Lower Upper

228 100

226 30.5 24.0 36.0

229 22.7 15.4 23.2

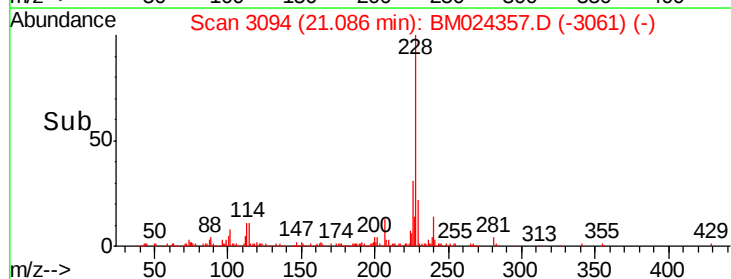
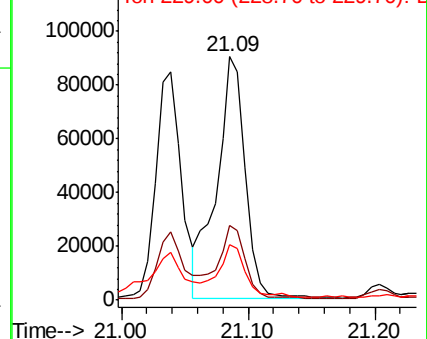


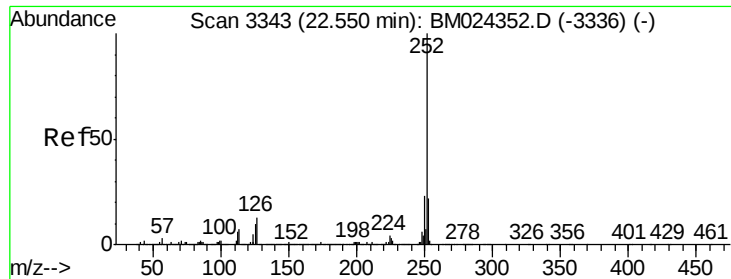
Abundance

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: 1.790 ng/ul

RT: 22.55 min Scan# 3343

Delta R.T. -0.00 min

Lab File: BM024357.D

Acq: 28 Dec 2019 19:47

Instrument :

BNA_M

ClientSampleId :

C0C48

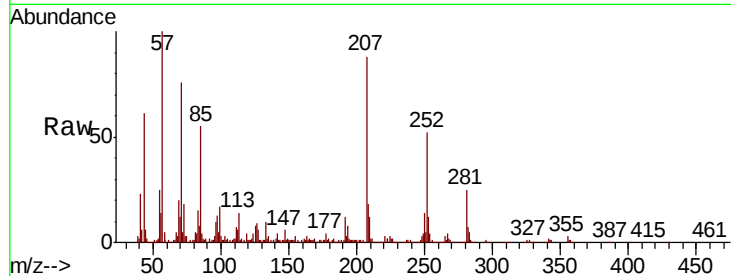
Tot Ion:252 Resp: 231081

Ion Ratio Lower Upper

252 100

253 23.2 17.2 25.8

125 16.2 7.8 11.8#

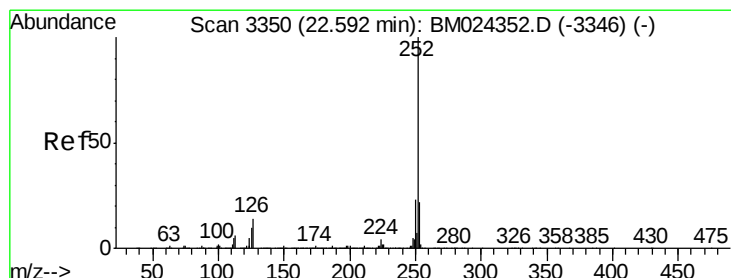
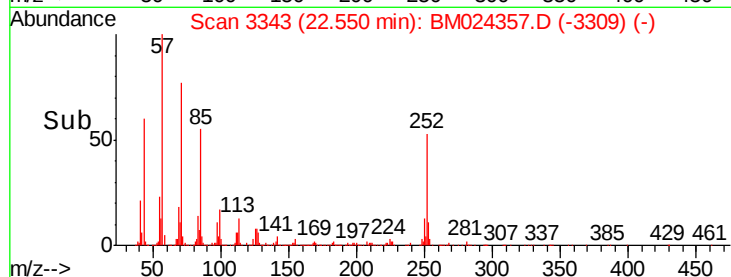
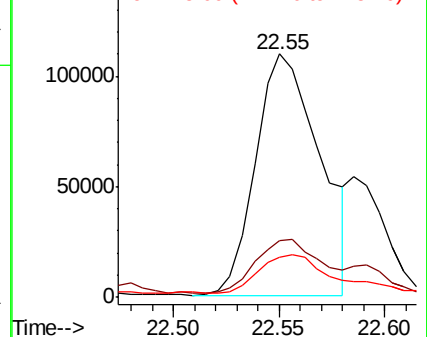


Abundance

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: 1.824 ng/ul

RT: 22.55 min Scan# 3343

Delta R.T. -0.04 min

Lab File: BM024357.D

Acq: 28 Dec 2019 19:47

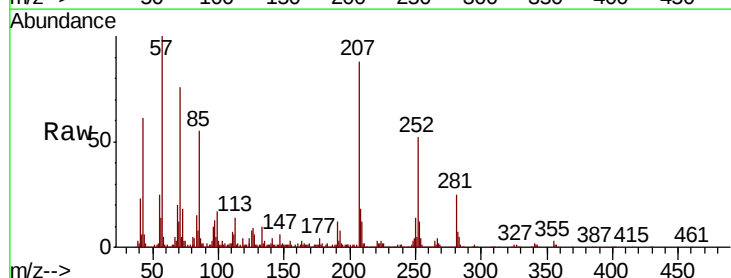
Tgt Ion:252 Resp: 231081

Ion Ratio Lower Upper

252 100

253 23.2 17.8 26.8

125 16.2 7.9 11.9#

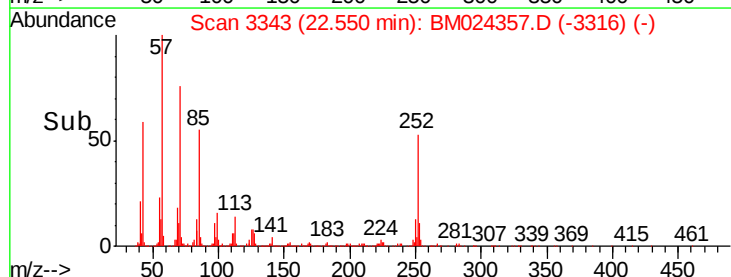
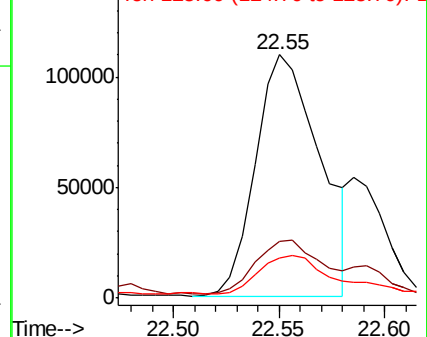


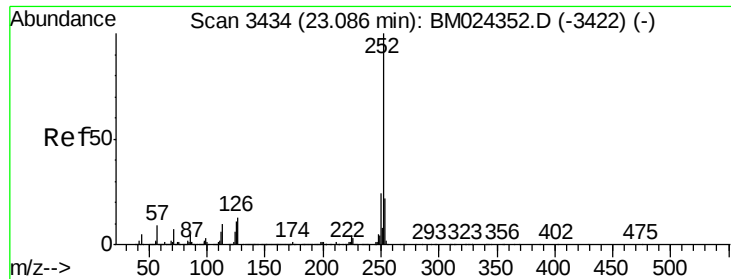
Abundance

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: 1.193 ng/ul

RT: 23.08 min Scan# 3433

Delta R.T. -0.01 min

Lab File: BM024357.D

Acq: 28 Dec 2019 19:47

Instrument :

BNA_M

ClientSampleID :

C0C48

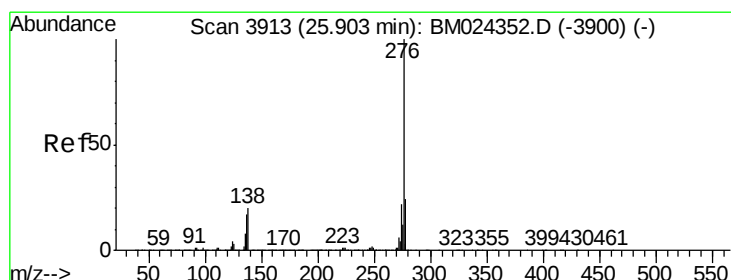
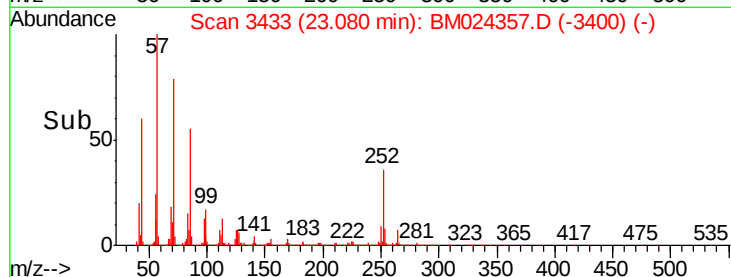
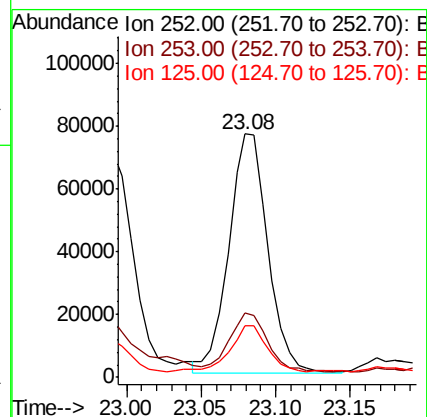
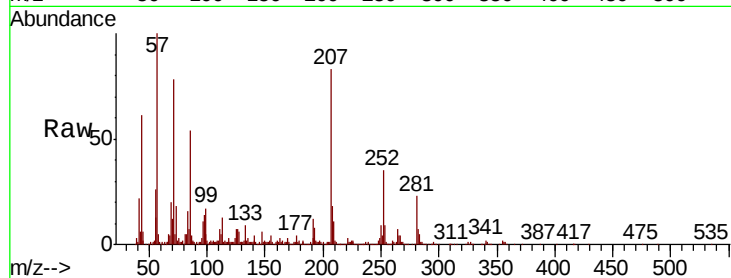
Tot Ion:252 Resp: 139395

Ion Ratio Lower Upper

252 100

253 26.5 17.5 26.3#

125 21.2 8.2 12.4#



#94

Benzo(g,h,i)perylene

Concen: 1.038 ng/ul

RT: 25.90 min Scan# 3913

Delta R.T. -0.00 min

Lab File: BM024357.D

Acq: 28 Dec 2019 19:47

Tgt Ion:276 Resp: 118892

Ion Ratio Lower Upper

276 100

138 20.0 15.3 22.9

277 25.9 19.3 28.9

