

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121219\
 Data File : BM024073.D
 Acq On : 12 Dec 2019 23:46
 Operator : JU
 Sample : K6089-11
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Dec 13 01:01:42 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	419313	20.00	ng/ul	0.00
18) Naphthalene-d8	10.24	136	1734716	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.13	164	1058941	20.00	ng/ul	-0.01
62) Phenanthrene-d10	16.89	188	2122598	20.00	ng/ul	0.00
78) Chrysene-d12	21.09	240	1800061	20.00	ng/ul	-0.01
86) Perylene-d12	23.23	264	2030252	20.00	ng/ul	-0.02

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.03	96	35665	3.78	ng/uL	0.00
5) Phenol-d5	6.66	99	644994	17.55	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.82	67	440431	20.61	ng/ul	0.00
9) 2-Chlorophenol-d4	7.00	132	535301	18.84	ng/ul	-0.01
13) 4-Methylphenol-d8	8.19	113	459035	15.83	ng/ul	-0.01
19) Nitrobenzene-d5	8.62	128	259144	19.25	ng/ul	0.00
22) 2-Nitrophenol-d4	9.34	143	279797	18.28	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.87	165	523572	18.07	ng/ul	0.00
29) 4-Chloroaniline-d4	10.39	131	366940	11.54	ng/ul	0.00
44) Dimethylphthalate-d6	13.55	166	1651188	20.07	ng/ul	-0.01
47) Acenaphthylene-d8	13.82	160	1983128	20.57	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.37	143	125341	9.06	ng/ul	0.00
58) Fluorene-d10	15.13	176	1428692	20.63	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.27	200	174511	13.10	ng/ul	0.00
71) Anthracene-d10	16.98	188	2034229	20.07	ng/ul	-0.01
79) Pyrene-d10	19.29	212	2111338	22.70	ng/ul	-0.01
90) Benzo(a)pyrene-d12	23.09	264	2230197	20.78	ng/ul	-0.02

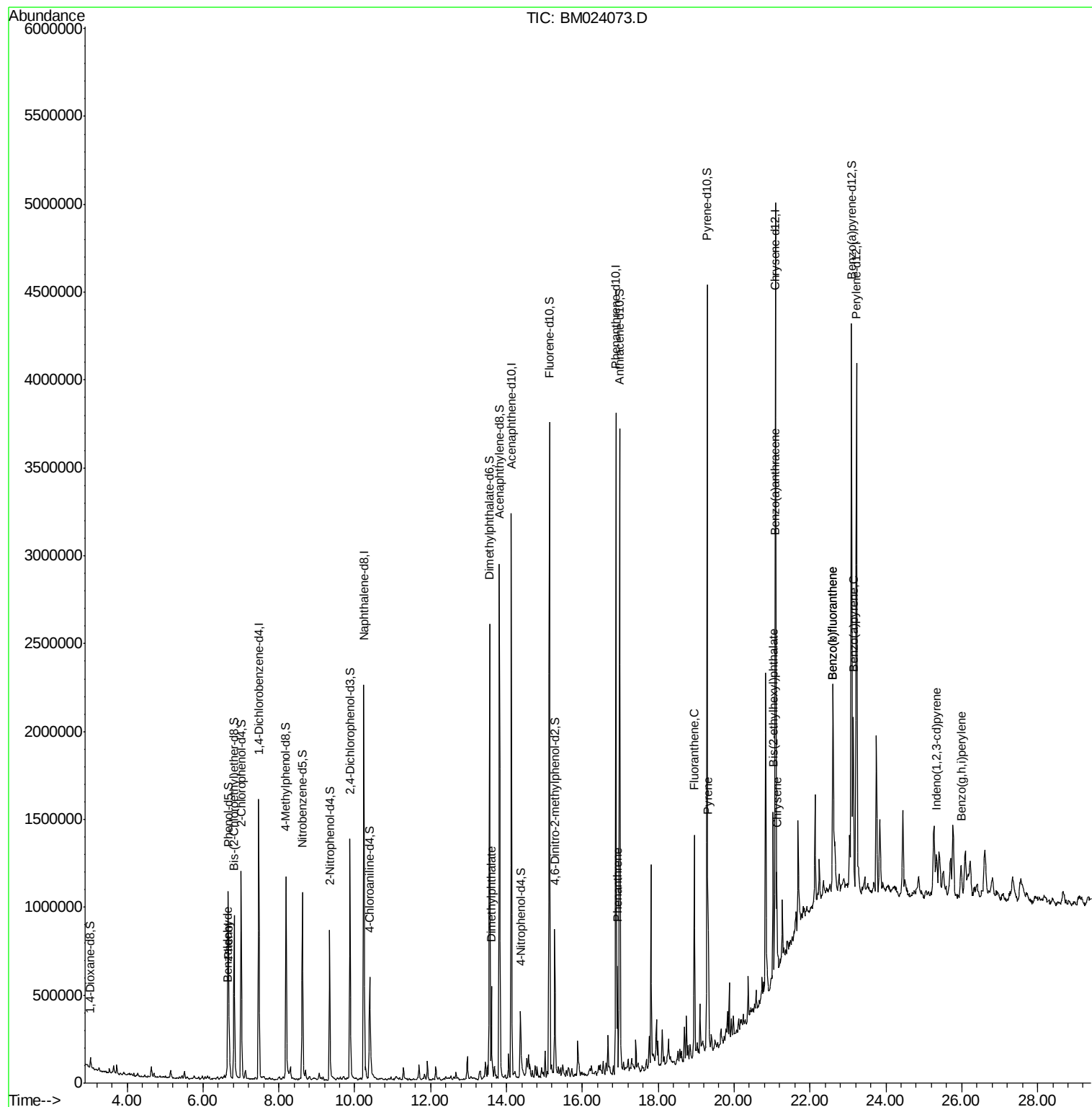
Target Compounds				Ovalue		
4) Benzaldehyde	6.64	77	19698	1.018	ng/ul	93
6) Phenol	6.69	94	145467	3.848	ng/ul	95
45) Dimethylphthalate	13.60	163	324535	4.029	ng/ul	99
70) Phenanthrene	16.93	178	343776	2.867	ng/ul	99
77) Fluoranthene	18.95	202	700341	5.446	ng/ul	99
80) Pyrene	19.32	202	599443	4.942	ng/ul	99
83) Benzo(a)anthracene	21.07	228	297185	2.470	ng/ul	94
84) Bis(2-ethylhexyl)phthalate	21.03	149	324322	4.235	ng/ul	100
85) Chrysene	21.13	228	303699	2.688	ng/ul	96
88) Benzo(b)fluoranthene	22.60	252	414954	3.305	ng/ul#	95
89) Benzo(k)fluoranthene	22.60	252	414954	3.482	ng/ul#	94
91) Benzo(a)pyrene	23.14	252	284066	2.393	ng/ul#	94
92) Indeno(1,2,3-cd)pyrene	25.34	276	208534	1.415	ng/ul	94
94) Benzo(g,h,i)perylene	25.98	276	210096	1.702	ng/ul	98

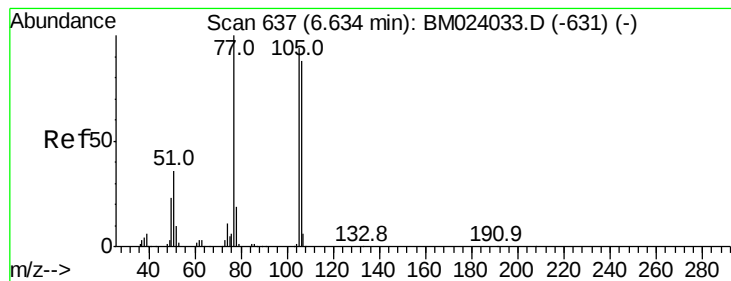
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121219\
Data File : BM024073.D
Acq On : 12 Dec 2019 23:46
Operator : JU
Sample : K6089-11
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :

Quant Time: Dec 13 01:01:42 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





#4

Benzaldehyde

Concen: 1.018 ng/ul

RT: 6.64 min Scan# 638

Delta R.T. 0.01 min

Lab File: BM024073.D

Acq: 12 Dec 2019 23:46

Instrument :

BNA_M

ClientSampled :

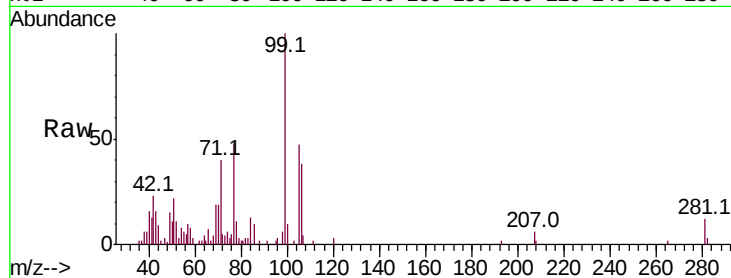
Tot Ion: 77 Resp: 19698

Ion Ratio Lower Upper

77 100

105 97.1 78.1 117.1

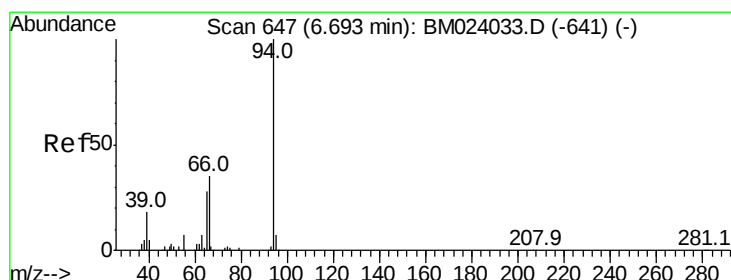
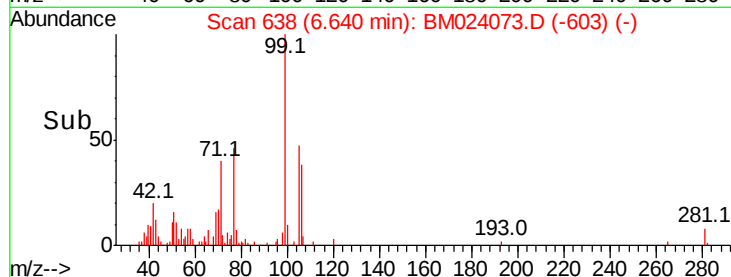
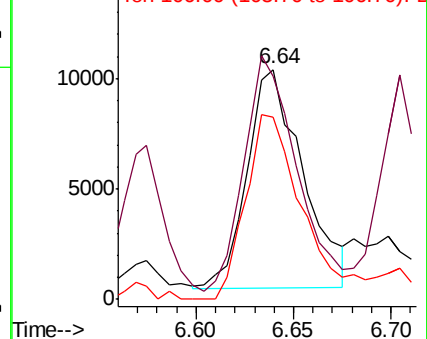
106 79.4 73.8 110.6



Abundance Ion 77.00 (76.70 to 77.70): BM024073.D (-631) (-)

Ion 105.00 (104.70 to 105.70): BM024073.D (-631) (-)

Ion 106.00 (105.70 to 106.70): BM024073.D (-631) (-)



#6

Phenol

Concen: 3.848 ng/ul

RT: 6.69 min Scan# 646

Delta R.T. -0.01 min

Lab File: BM024073.D

Acq: 12 Dec 2019 23:46

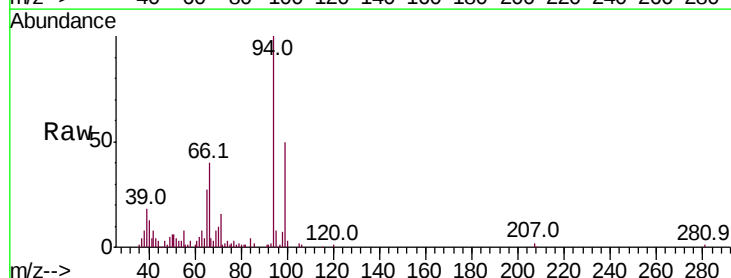
Tgt Ion: 94 Resp: 145467

Ion Ratio Lower Upper

94 100

65 26.6 21.7 32.5

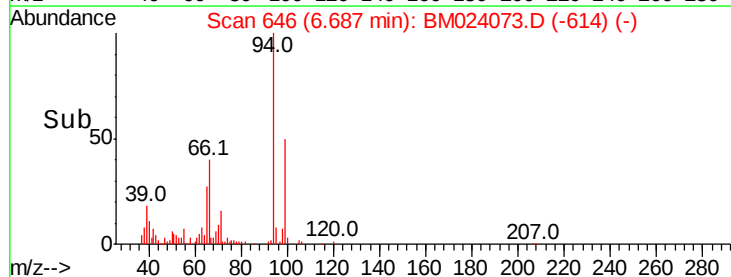
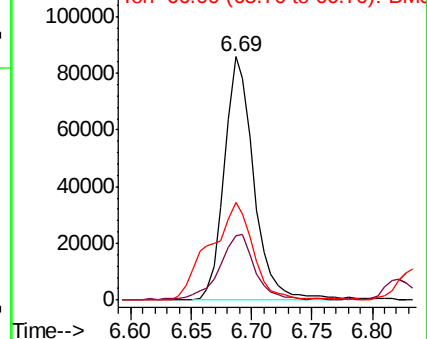
66 40.4 28.8 43.2

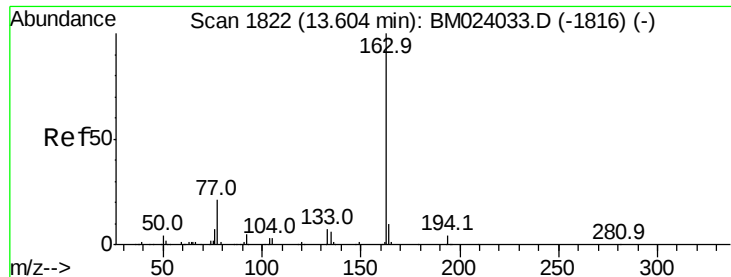


Abundance Ion 94.00 (93.70 to 94.70): BM024073.D (-614) (-)

Ion 65.00 (64.70 to 65.70): BM024073.D (-614) (-)

Ion 66.00 (65.70 to 66.70): BM024073.D (-614) (-)

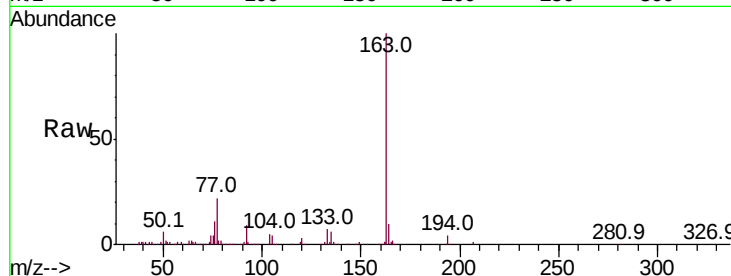




#45
Dimethylphthalate
Concen: 4.029 ng/ul
RT: 13.60 min Scan# 1821
Delta R.T. -0.01 min
Lab File: BM024073.D
Acq: 12 Dec 2019 23:46

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.3	4.9
164	10.3	7.9	11.9

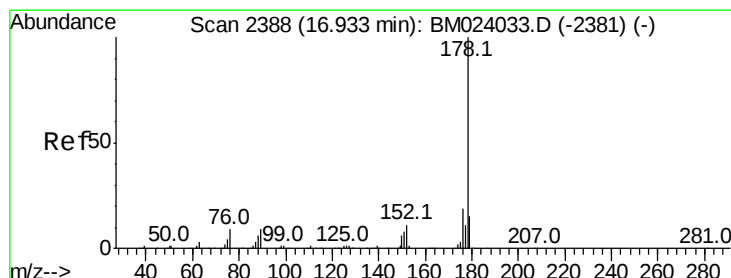
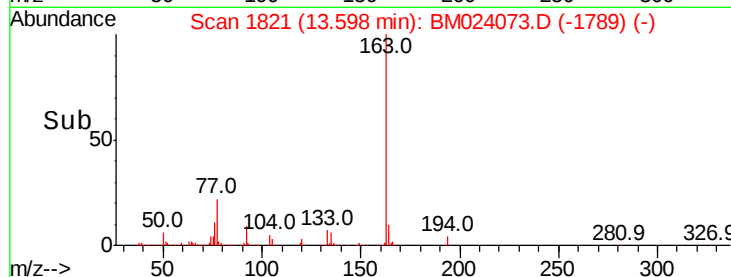
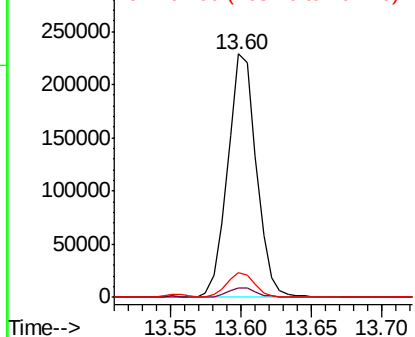


Abundance

Ion 163.00 (162.70 to 163.70): E

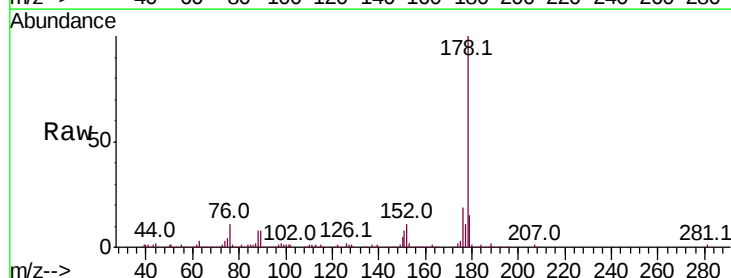
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#70
Phenanthrene
Concen: 2.867 ng/ul
RT: 16.93 min Scan# 2387
Delta R.T. -0.01 min
Lab File: BM024073.D
Acq: 12 Dec 2019 23:46

Tgt Ion	Ratio	Lower	Upper
178	100		
179	14.7	12.0	18.0
176	19.3	15.1	22.7

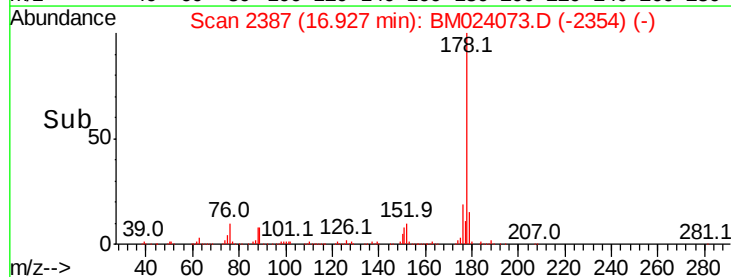
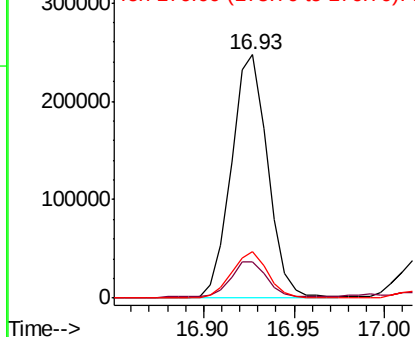


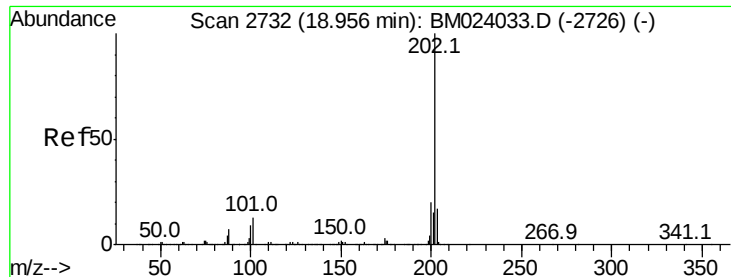
Abundance

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

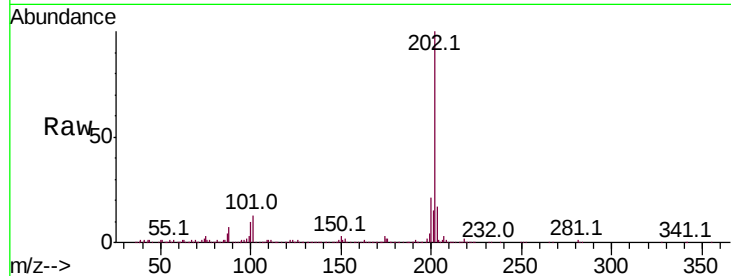




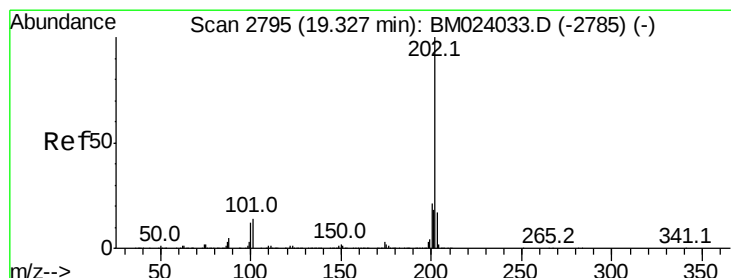
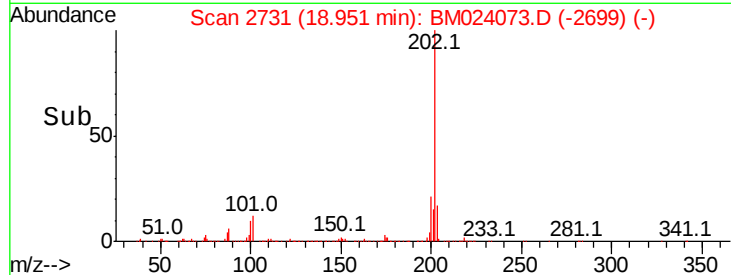
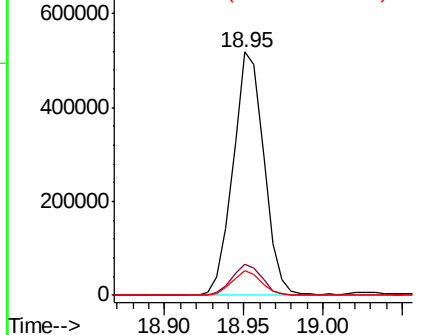
#77
 Fluoranthene
 Concen: 5.446 ng/ul
 RT: 18.95 min Scan# 2731
 Delta R.T. -0.01 min
 Lab File: BM024073.D
 Acq: 12 Dec 2019 23:46

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.7	10.1	15.1
100	10.2	7.8	11.6

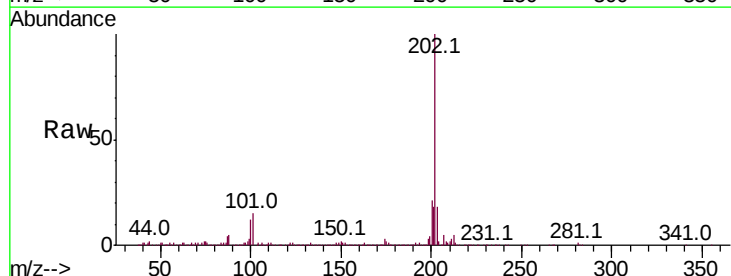


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B

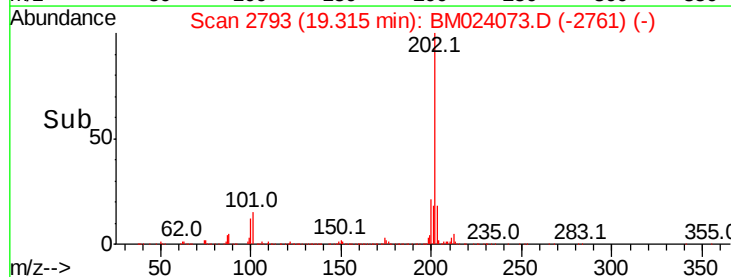
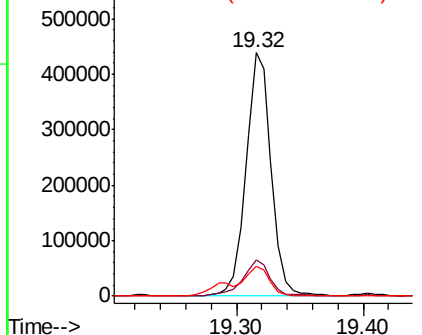


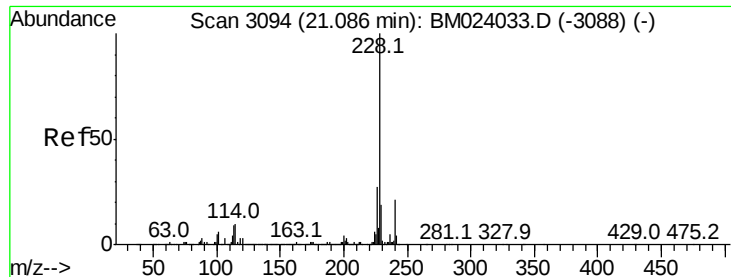
#80
 Pyrene
 Concen: 4.942 ng/ul
 RT: 19.32 min Scan# 2793
 Delta R.T. -0.01 min
 Lab File: BM024073.D
 Acq: 12 Dec 2019 23:46

Tgt Ion	Ratio	Lower	Upper
202	100		
101	15.0	11.8	17.6
100	12.0	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: 2.470 ng/ul

RT: 21.07 min Scan# 3092

Delta R.T. -0.01 min

Lab File: BM024073.D

Acq: 12 Dec 2019 23:46

Instrument :

BNA_M

ClientSampleId :

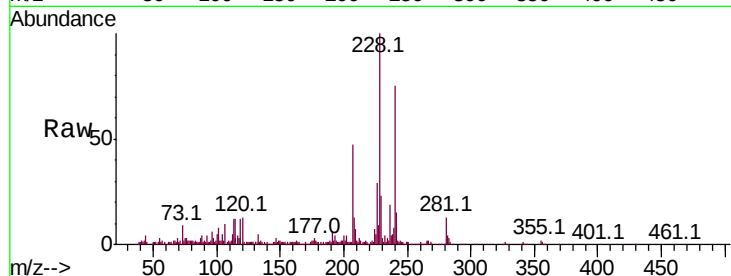
Tot Ion:228 Resp: 297185

Ion Ratio Lower Upper

228 100

229 22.5 15.6 23.4

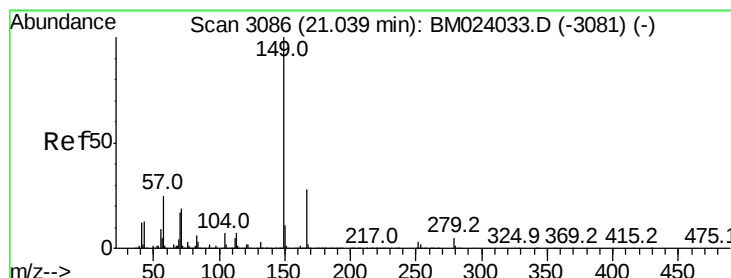
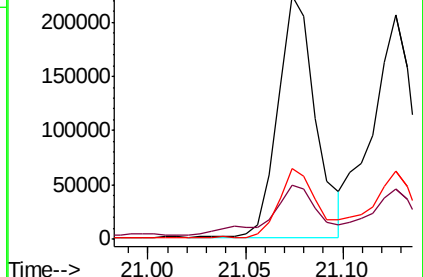
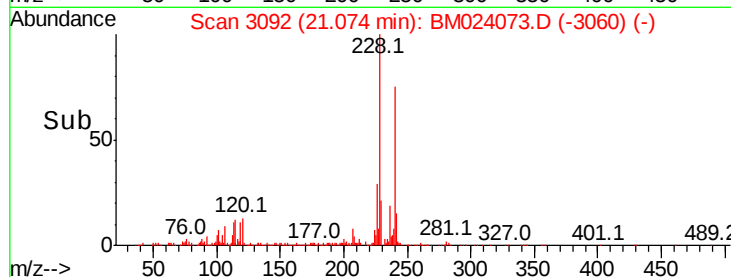
226 29.3 21.4 32.0



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 4.235 ng/ul

RT: 21.03 min Scan# 3085

Delta R.T. -0.01 min

Lab File: BM024073.D

Acq: 12 Dec 2019 23:46

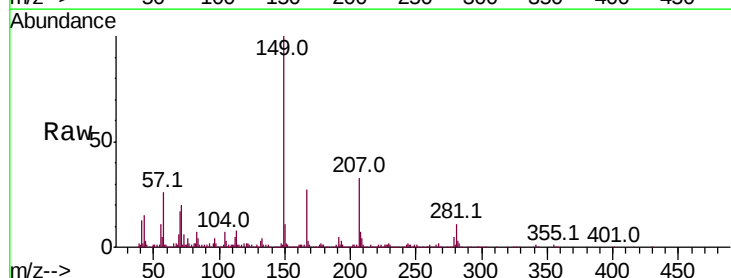
Tgt Ion:149 Resp: 324322

Ion Ratio Lower Upper

149 100

167 27.3 21.6 32.4

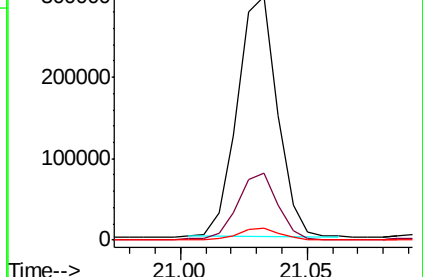
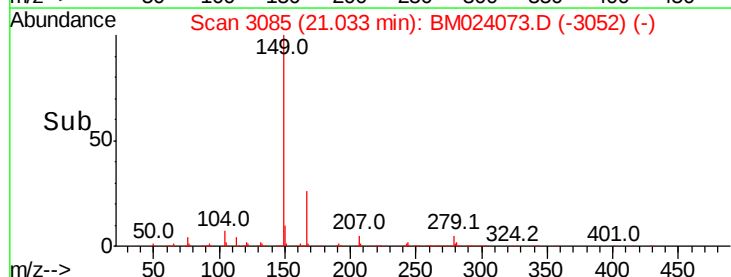
279 5.1 4.0 6.0

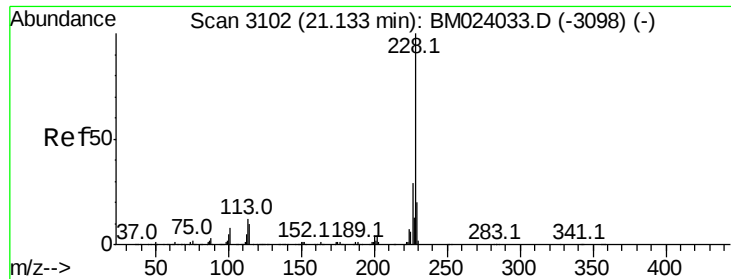


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

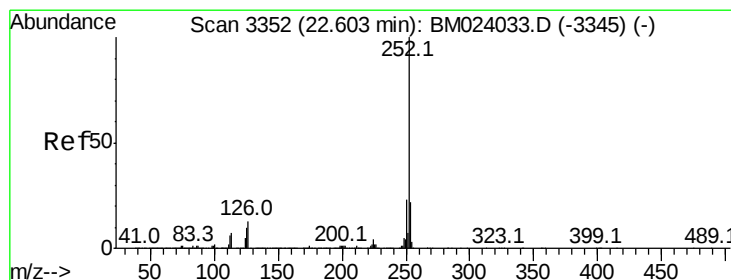
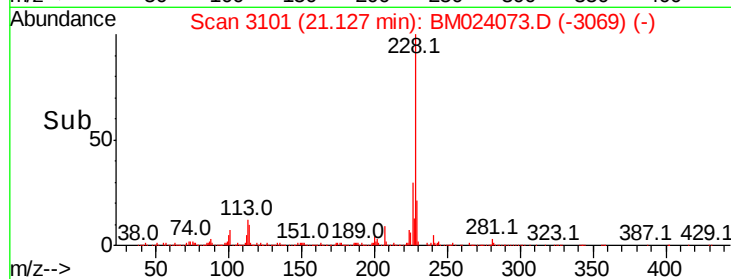
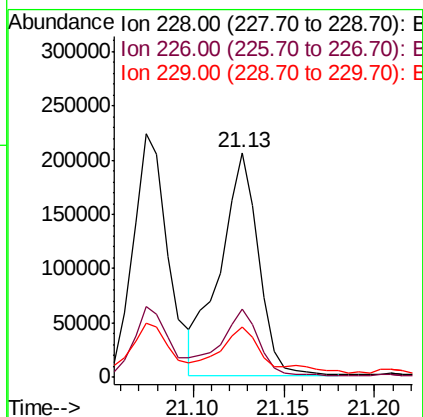
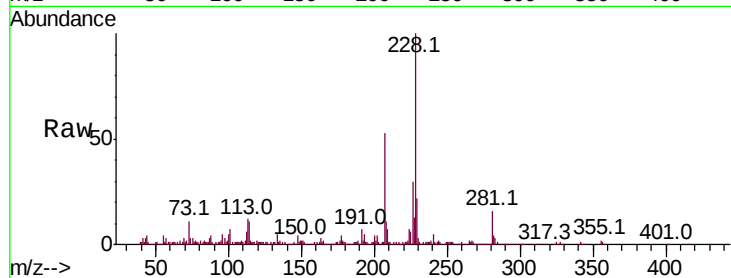




#85
 Chrysene
 Concen: 2.688 ng/ul
 RT: 21.13 min Scan# 3101
 Delta R.T. -0.01 min
 Lab File: BM024073.D
 Acq: 12 Dec 2019 23:46

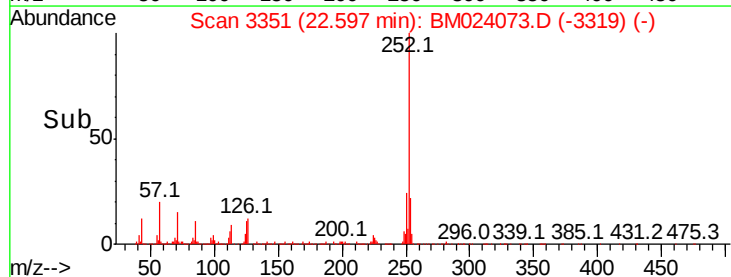
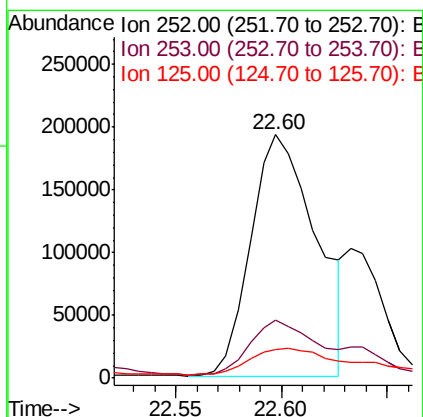
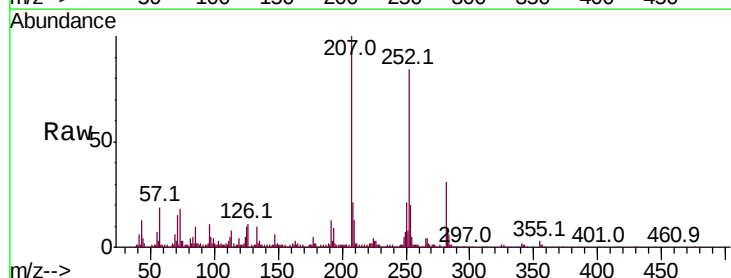
Instrument :
 BNA_M
 ClientSampleId :

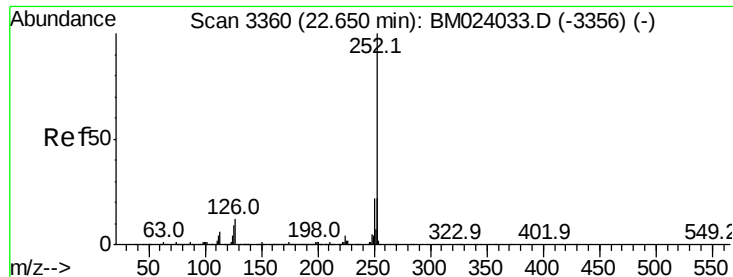
Tot Ion	Ratio	Lower	Upper
228	100		
226	30.2	23.4	35.2
229	22.2	15.3	22.9



#88
 Benzo(b)fluoranthene
 Concen: 3.305 ng/ul
 RT: 22.60 min Scan# 3351
 Delta R.T. -0.01 min
 Lab File: BM024073.D
 Acq: 12 Dec 2019 23:46

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.4	26.0
125	11.9	7.4	11.2





#89

Benzo(k)fluoranthene

Concen: 3.482 ng/ul

RT: 22.60 min Scan# 3351

Delta R.T. -0.05 min

Lab File: BM024073.D

Acq: 12 Dec 2019 23:46

Instrument :

BNA_M

ClientSampleId :

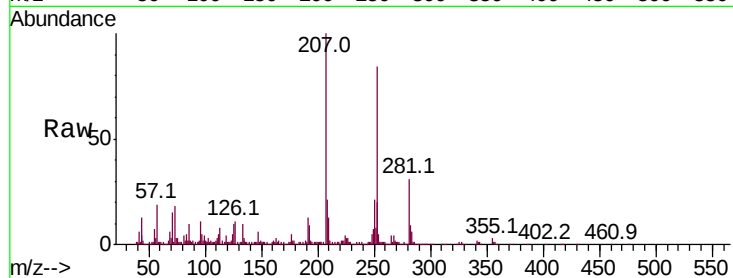
Tot Ion:252 Resp: 414954

Ion Ratio Lower Upper

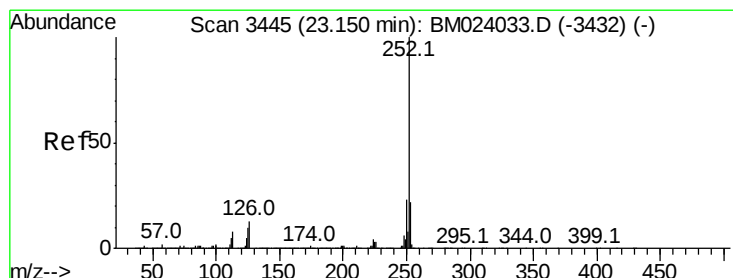
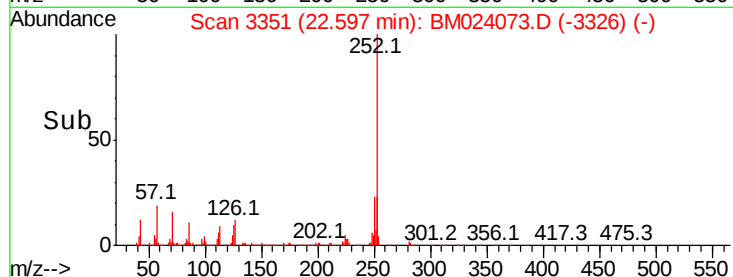
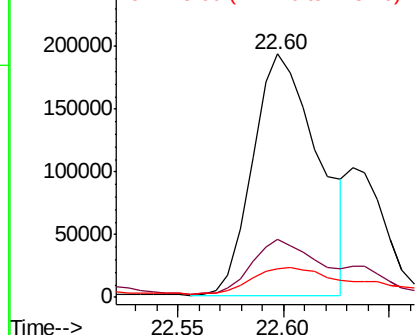
252 100

253 23.7 17.2 25.8

125 11.9 7.0 10.4#



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



#91

Benzo(a)pyrene

Concen: 2.393 ng/ul

RT: 23.14 min Scan# 3443

Delta R.T. -0.02 min

Lab File: BM024073.D

Acq: 12 Dec 2019 23:46

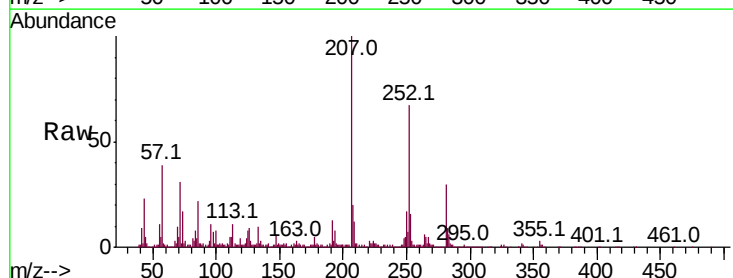
Tgt Ion:252 Resp: 284066

Ion Ratio Lower Upper

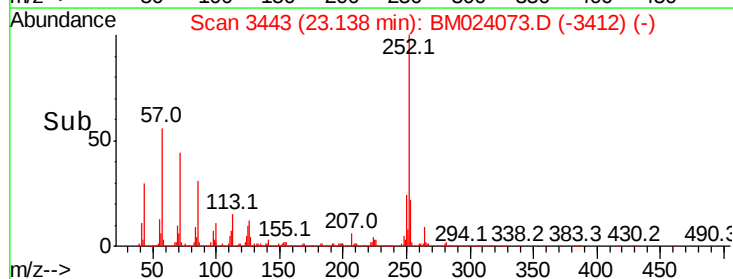
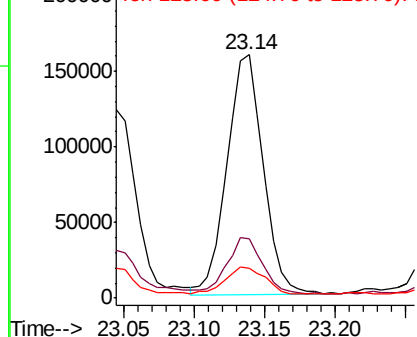
252 100

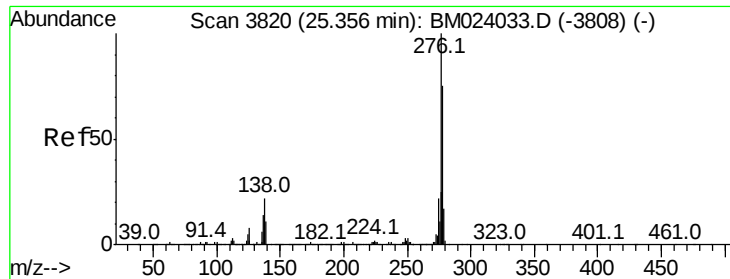
253 24.5 17.2 25.8

125 12.1 7.8 11.6#



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



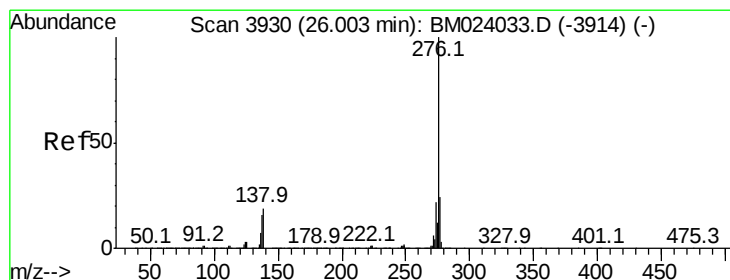
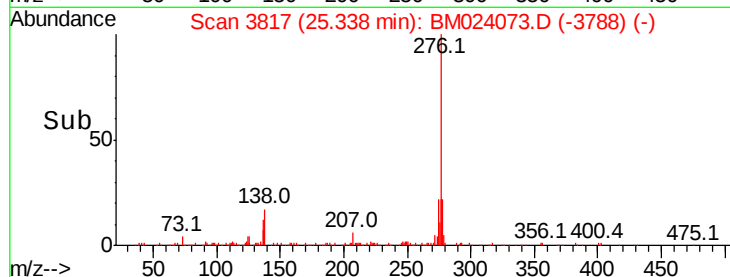
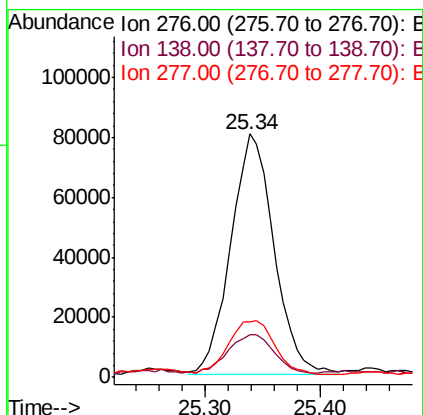
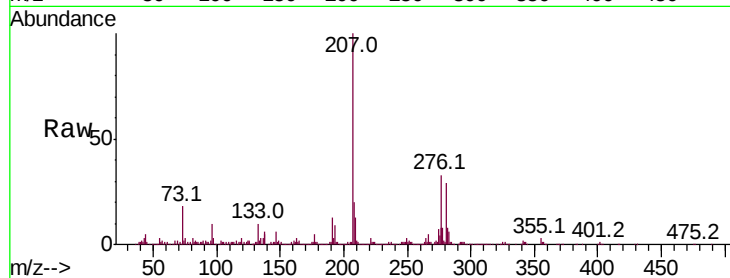


#92

Indeno(1,2,3-cd)pyrene
Concen: 1.415 ng/ul
RT: 25.34 min Scan# 3817
Delta R.T. -0.03 min
Lab File: BM024073.D
Acq: 12 Dec 2019 23:46

Instrument :
BNA_M
ClientSampled :

Tot Ion	Ratio	Lower	Upper
276	100		
138	17.6	17.0	25.6
277	22.8	19.8	29.8



#94

Benzo(g,h,i)perylene
Concen: 1.702 ng/ul
RT: 25.98 min Scan# 3926
Delta R.T. -0.04 min
Lab File: BM024073.D
Acq: 12 Dec 2019 23:46

Tgt Ion	Ratio	Lower	Upper
276	100		
138	19.9	14.9	22.3
277	24.9	19.1	28.7

