

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121219\
 Data File : BM024060.D
 Acq On : 12 Dec 2019 15:57
 Operator : JU
 Sample : K6088-19
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Dec 13 00:59:53 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	378584	20.00	ng/ul	0.00
18) Naphthalene-d8	10.24	136	1585010	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.13	164	926792	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.89	188	1804183	20.00	ng/ul	0.00
78) Chrysene-d12	21.09	240	1572513	20.00	ng/ul	-0.01
86) Perylene-d12	23.23	264	1885942	20.00	ng/ul	-0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.03	96	26902	3.16	ng/uL	0.00
5) Phenol-d5	6.66	99	518369	15.62	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.82	67	352114	18.25	ng/ul	0.00
9) 2-Chlorophenol-d4	7.01	132	417814	16.29	ng/ul	0.00
13) 4-Methylphenol-d8	8.19	113	400427	15.30	ng/ul	0.00
19) Nitrobenzene-d5	8.62	128	201873	16.41	ng/ul	0.00
22) 2-Nitrophenol-d4	9.34	143	217945	15.59	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.88	165	413636	15.62	ng/ul	0.00
29) 4-Chloroaniline-d4	10.40	131	336575	11.58	ng/ul	0.00
44) Dimethylphthalate-d6	13.56	166	1367954	19.00	ng/ul	0.00
47) Acenaphthylene-d8	13.82	160	1578257	18.70	ng/ul	0.00
52) 4-Nitrophenol-d4	14.37	143	110983	9.17	ng/ul	0.00
58) Fluorene-d10	15.13	176	1163293	19.20	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.28	200	139496	12.32	ng/ul	0.00
71) Anthracene-d10	16.99	188	1660371	19.27	ng/ul	0.00
79) Pyrene-d10	19.29	212	1805385	22.22	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.09	264	2065605	20.72	ng/ul	-0.02

Target Compounds

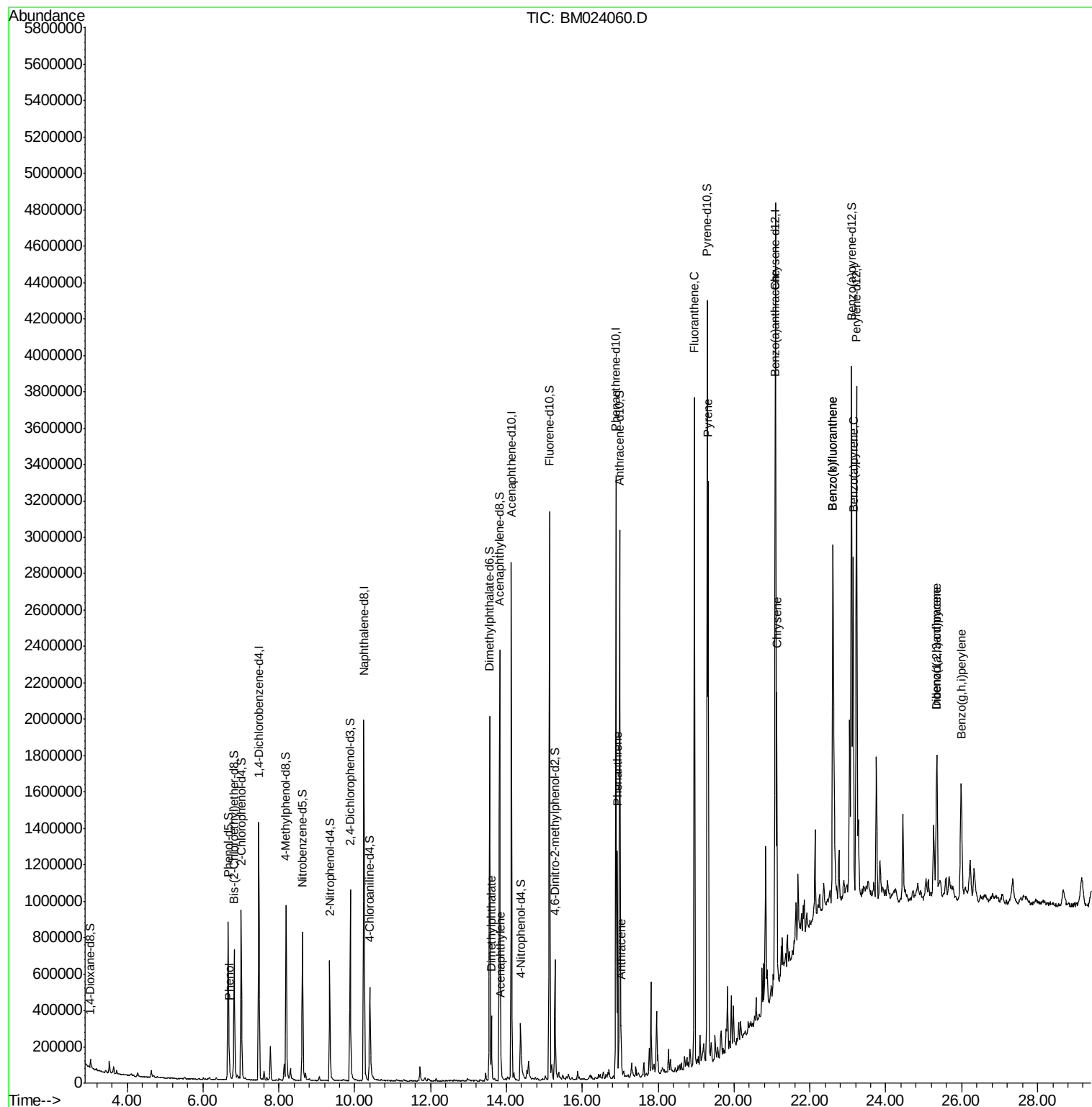
					Ovalue	
6) Phenol	6.69	94	41405	1.213	ng/ul	94
45) Dimethylphthalate	13.60	163	221741	3.146	ng/ul	100
48) Acenaphthylene	13.85	152	104666	1.226	ng/ul	100
70) Phenanthrene	16.93	178	712585	6.992	ng/ul	100
72) Anthracene	17.02	178	154973	1.498	ng/ul	99
77) Fluoranthene	18.96	202	2167550	19.831	ng/ul	98
80) Pyrene	19.32	202	1894172	17.878	ng/ul	97
83) Benzo(a)anthracene	21.07	228	896999	8.534	ng/ul	98
85) Chrysene	21.13	228	855469	8.667	ng/ul	96
88) Benzo(b)fluoranthene	22.60	252	1416749	12.147	ng/ul	97
89) Benzo(k)fluoranthene	22.60	252	1416749	12.796	ng/ul#	96
91) Benzo(a)pyrene	23.14	252	997491	9.045	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.34	276	747517	5.459	ng/ul	97
93) Dibenzo(a,h)anthracene	25.34	278	179537	1.561	ng/ul#	83
94) Benzo(g,h,i)perylene	25.99	276	747319	6.517	ng/ul	97

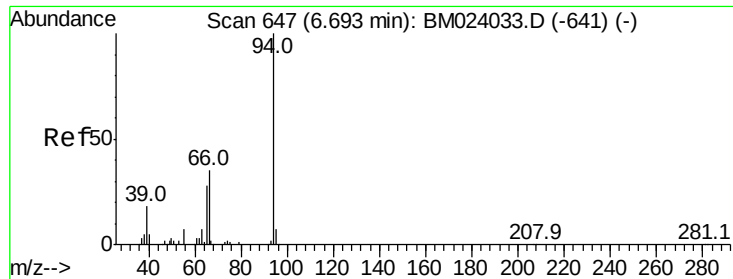
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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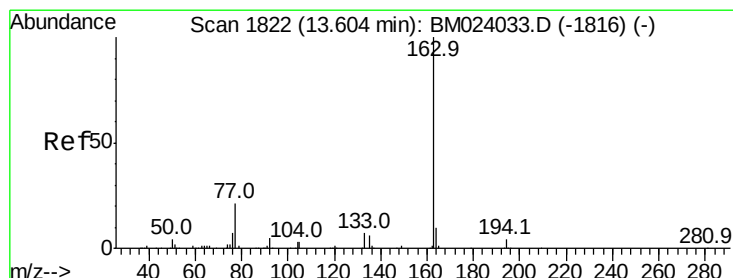
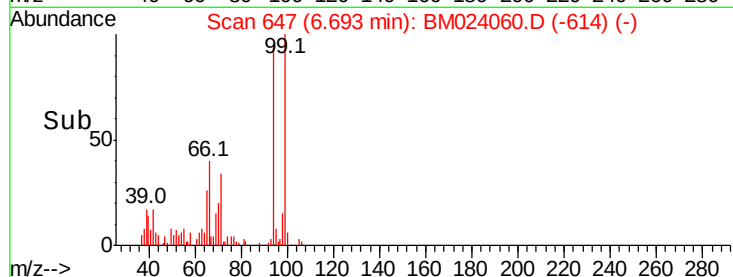
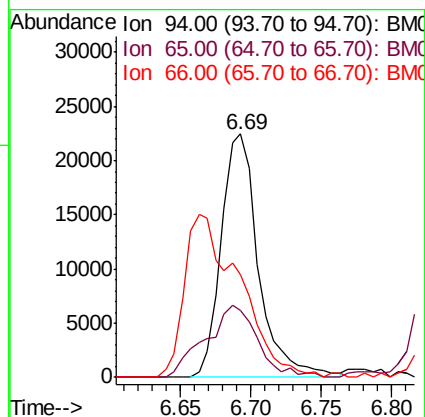
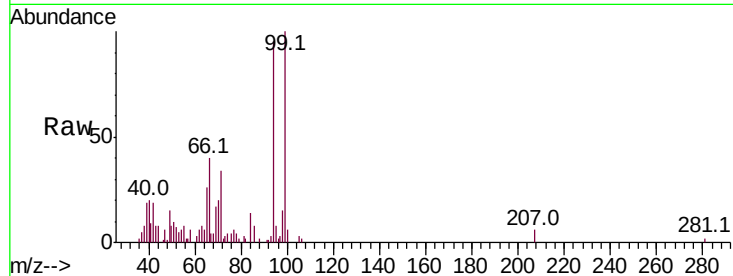
#6

Phenol

Concen: 1.213 ng/ul
 RT: 6.69 min Scan# 647
 Delta R.T. -0.01 min
 Lab File: BM024060.D
 Acq: 12 Dec 2019 15:57

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion: 94 Resp: 41405
 Ion Ratio Lower Upper
 94 100
 65 27.7 21.7 32.5
 66 42.1 28.8 43.2

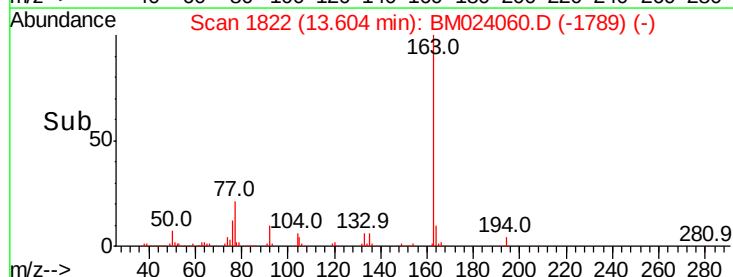
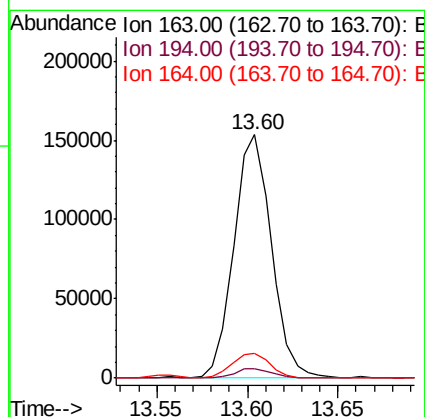
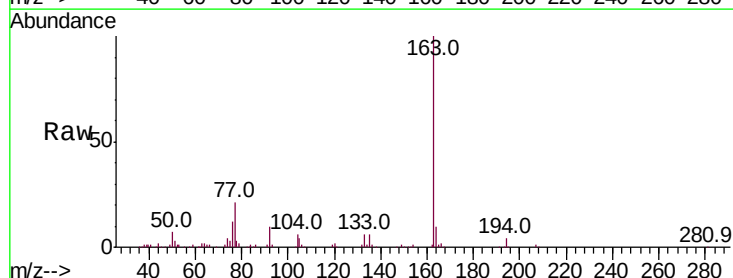


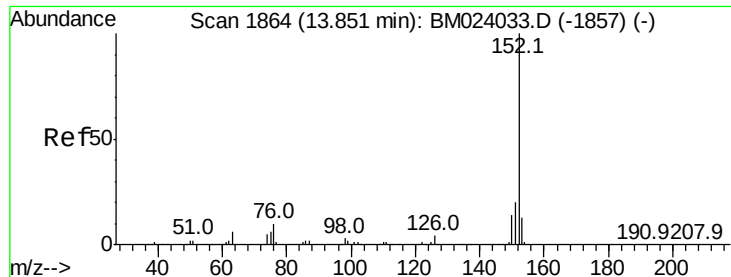
#45

Dimethylphthalate

Concen: 3.146 ng/ul
 RT: 13.60 min Scan# 1822
 Delta R.T. -0.01 min
 Lab File: BM024060.D
 Acq: 12 Dec 2019 15:57

Tgt Ion: 163 Resp: 221741
 Ion Ratio Lower Upper
 163 100
 194 3.8 3.3 4.9
 164 10.0 7.9 11.9





#48

Acenaphthylene

Concen: 1.226 ng/ul

RT: 13.85 min Scan# 1864

Delta R.T. -0.01 min

Lab File: BM024060.D

Acq: 12 Dec 2019 15:57

Instrument :

BNA_M

ClientSampleId :

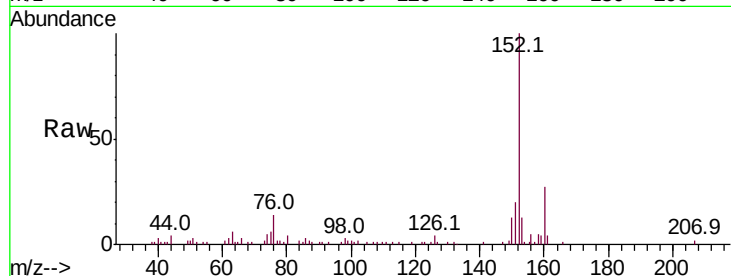
Tot Ion:152 Resp: 104666

Ion Ratio Lower Upper

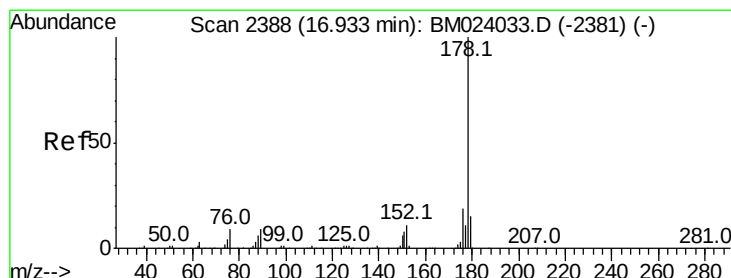
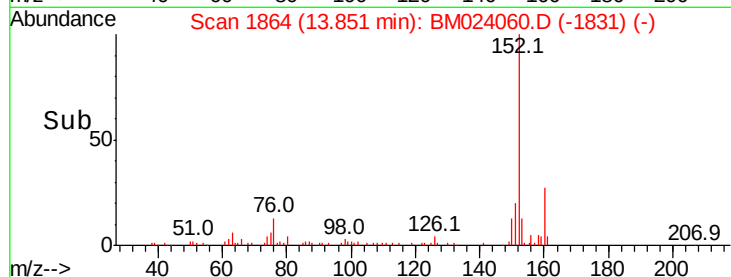
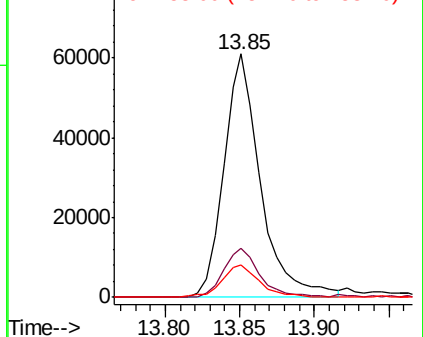
152 100

151 20.0 15.8 23.6

153 13.2 10.6 15.8



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#70

Phenanthrene

Concen: 6.992 ng/ul

RT: 16.93 min Scan# 2387

Delta R.T. -0.01 min

Lab File: BM024060.D

Acq: 12 Dec 2019 15:57

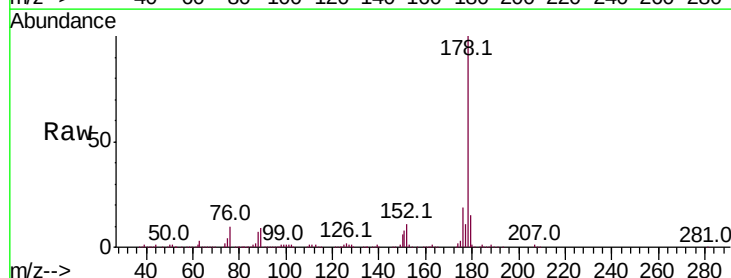
Tgt Ion:178 Resp: 712585

Ion Ratio Lower Upper

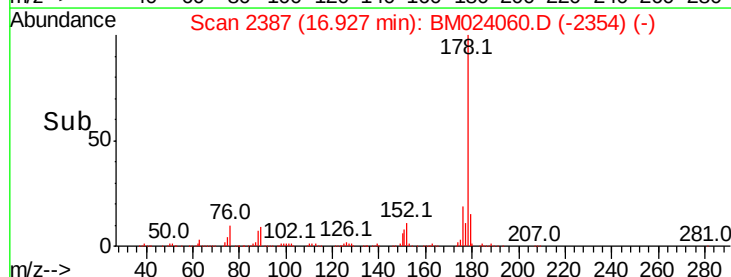
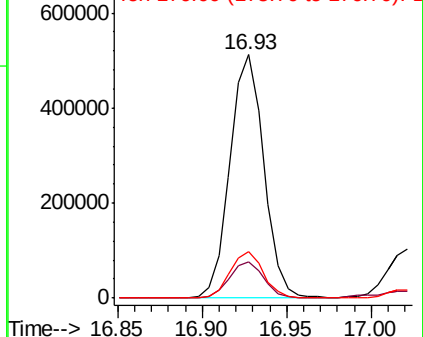
178 100

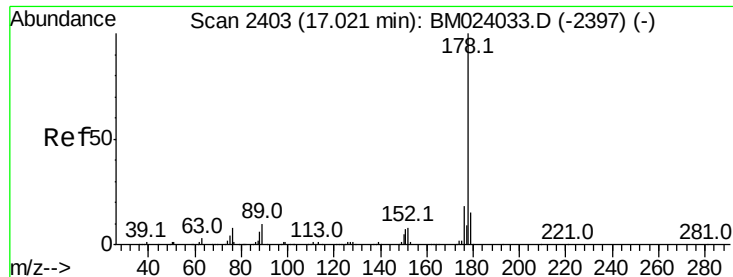
179 14.7 12.0 18.0

176 19.0 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

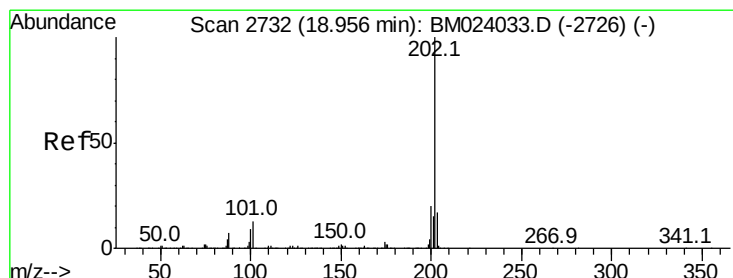
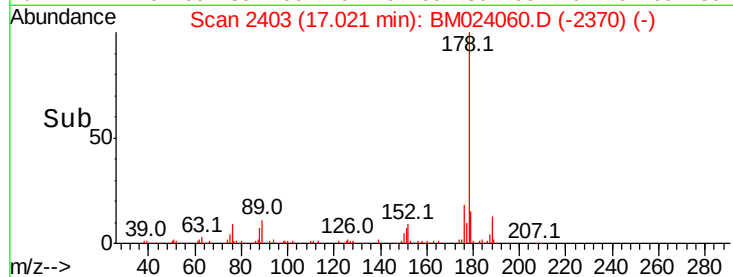
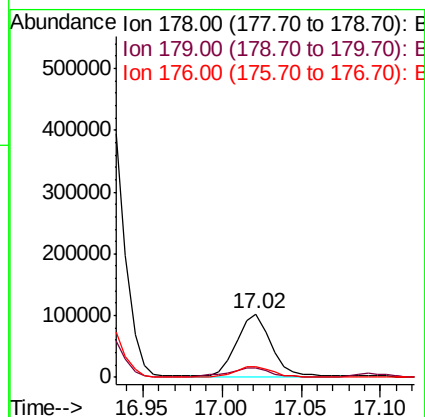
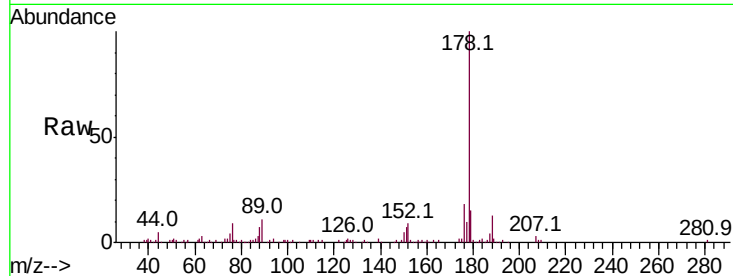




#72
 Anthracene
 Concen: 1.498 ng/ul
 RT: 17.02 min Scan# 2403
 Delta R.T. -0.01 min
 Lab File: BM024060.D
 Acq: 12 Dec 2019 15:57

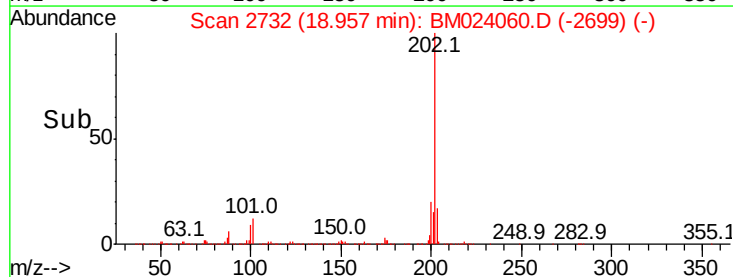
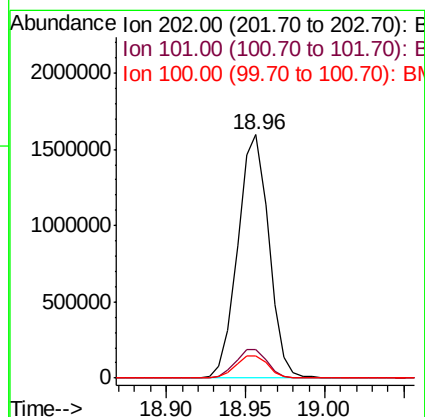
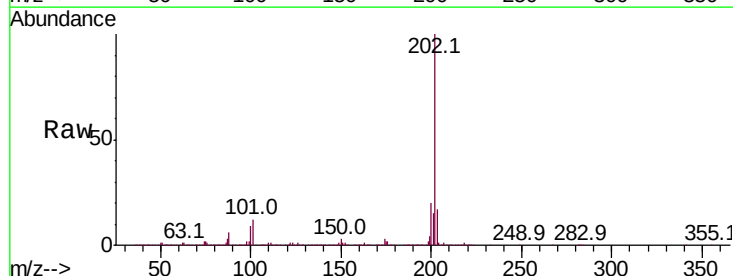
Instrument :
 BNA_M
 ClientSampleId :

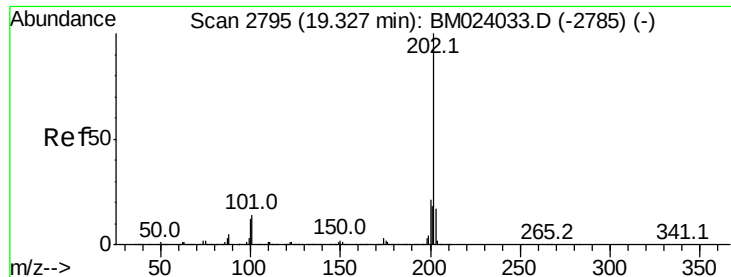
Tot Ion	Ratio	Lower	Upper
178	100		
179	15.1	11.9	17.9
176	17.7	14.7	22.1



#77
 Fluoranthene
 Concen: 19.831 ng/ul
 RT: 18.96 min Scan# 2732
 Delta R.T. -0.01 min
 Lab File: BM024060.D
 Acq: 12 Dec 2019 15:57

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.6	10.1	15.1
100	9.4	7.8	11.6

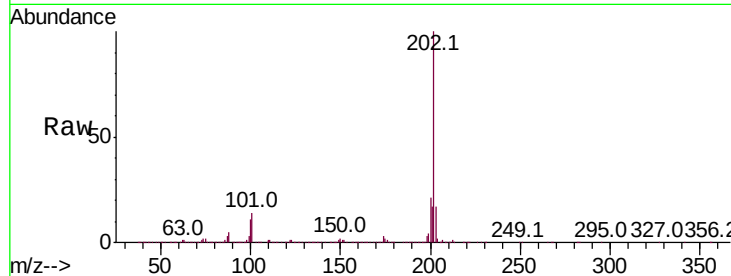




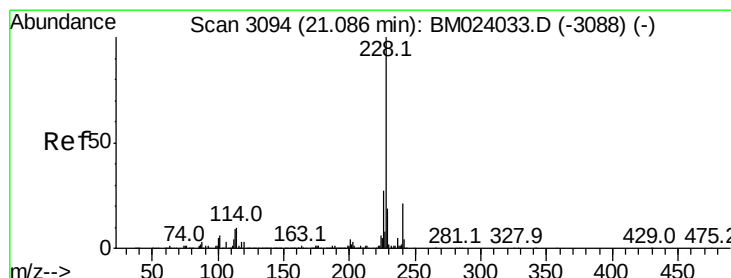
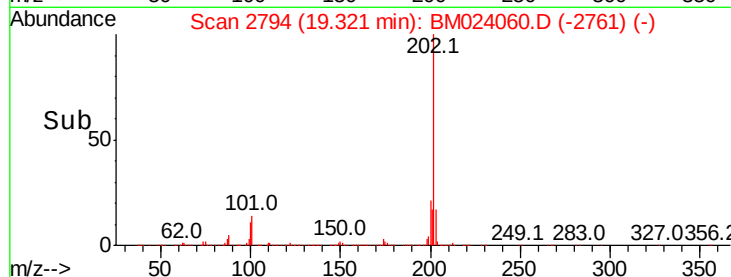
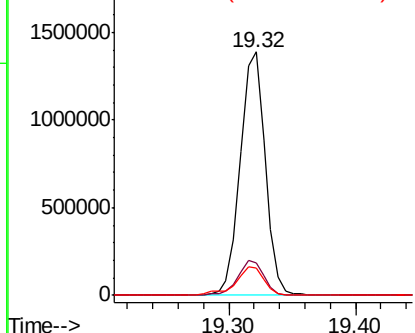
#80
Pvrene
Concen: 17.878 ng/ul
RT: 19.32 min Scan# 2794
Delta R.T. -0.01 min
Lab File: BM024060.D
Acq: 12 Dec 2019 15:57

Instrument :
BNA_M
ClientSampleId :

Tot Ion:202 Resp: 1894172
Ion Ratio Lower Upper
202 100
101 13.5 11.8 17.6
100 11.0 9.8 14.6

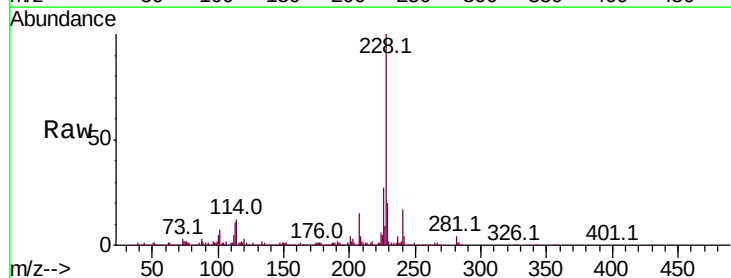


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

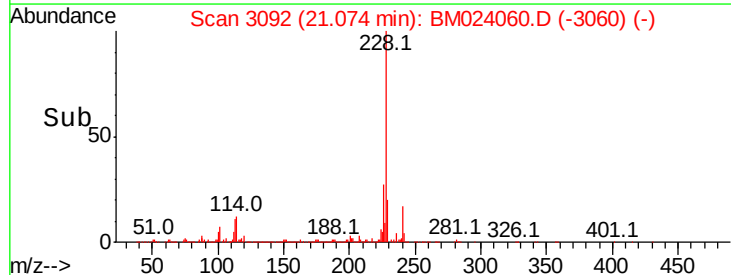
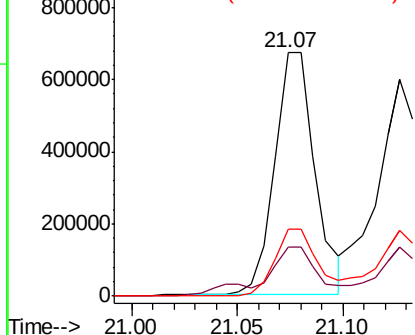


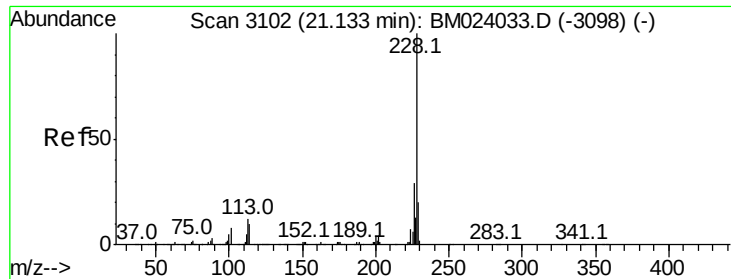
#83
Benzo(a)anthracene
Concen: 8.534 ng/ul
RT: 21.07 min Scan# 3092
Delta R.T. -0.01 min
Lab File: BM024060.D
Acq: 12 Dec 2019 15:57

Tgt Ion:228 Resp: 896999
Ion Ratio Lower Upper
228 100
229 20.4 15.6 23.4
226 27.5 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

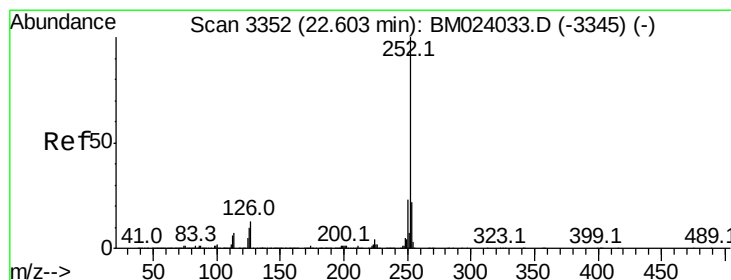
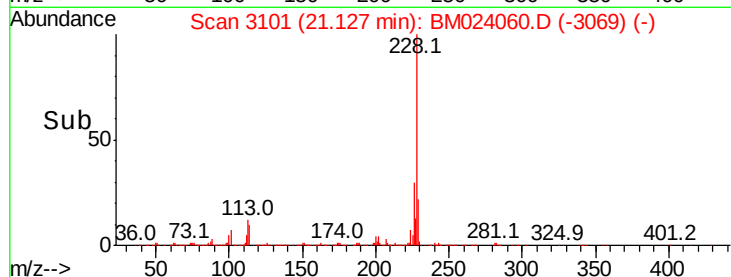
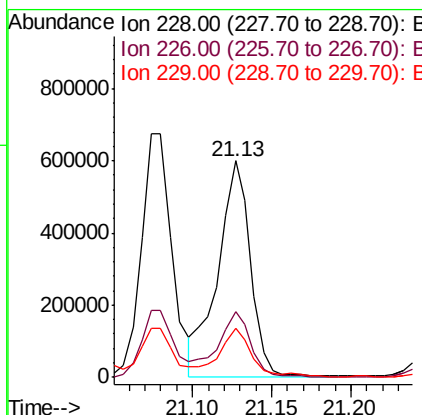
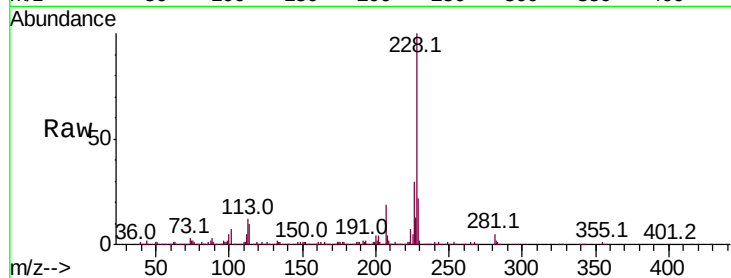




#85
Chrysene
Concen: 8.667 ng/ul
RT: 21.13 min Scan# 3101
Delta R.T. -0.01 min
Lab File: BM024060.D
Acq: 12 Dec 2019 15:57

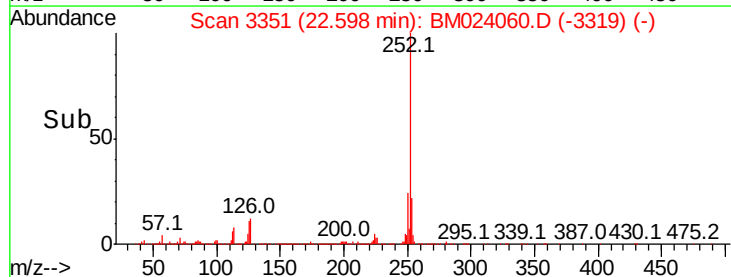
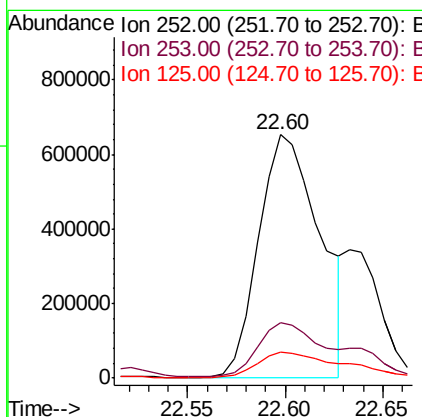
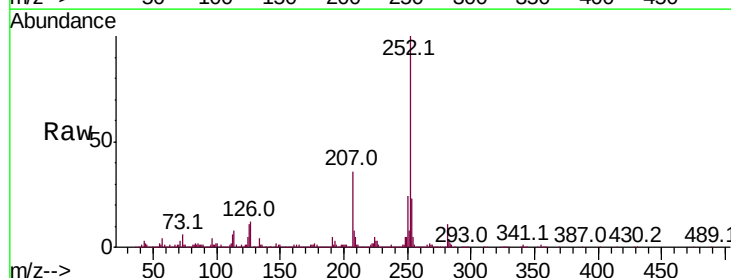
Instrument :
BNA_M
ClientSampleId :

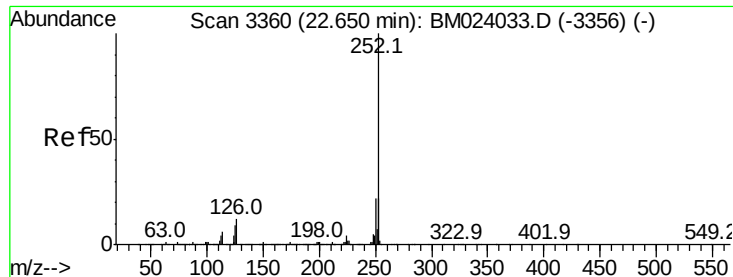
Tot Ion	Ratio	Lower	Upper
228	100		
226	30.1	23.4	35.2
229	22.3	15.3	22.9



#88
Benzo(b)fluoranthene
Concen: 12.147 ng/ul
RT: 22.60 min Scan# 3351
Delta R.T. -0.01 min
Lab File: BM024060.D
Acq: 12 Dec 2019 15:57

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.4	26.0
125	10.8	7.4	11.2





#89

Benzo(k)fluoranthene

Concen: 12.796 ng/ul

RT: 22.60 min Scan# 3351

Delta R.T. -0.05 min

Lab File: BM024060.D

Acq: 12 Dec 2019 15:57

Instrument :

BNA_M

ClientSampleId :

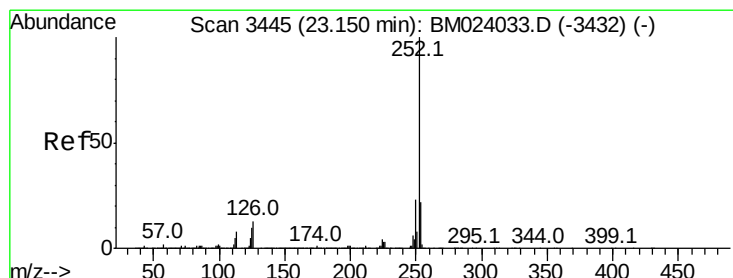
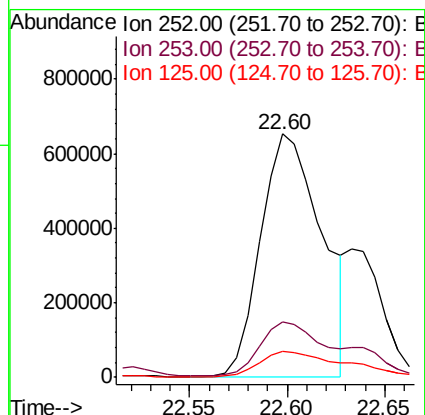
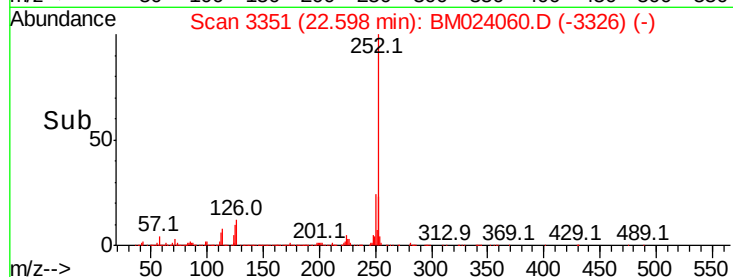
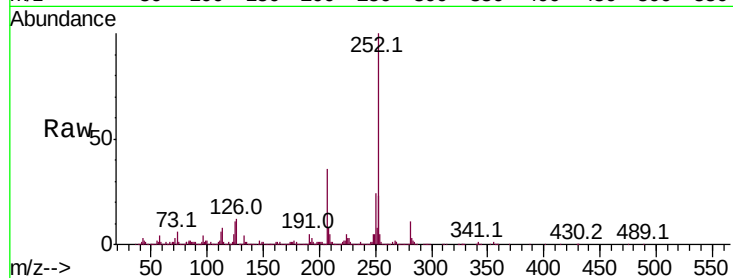
Tot Ion:252 Resp: 1416749

Ion Ratio Lower Upper

252 100

253 22.9 17.2 25.8

125 10.8 7.0 10.4#



#91

Benzo(a)pyrene

Concen: 9.045 ng/ul

RT: 23.14 min Scan# 3443

Delta R.T. -0.02 min

Lab File: BM024060.D

Acq: 12 Dec 2019 15:57

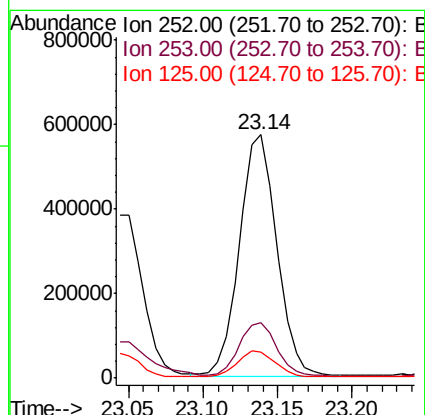
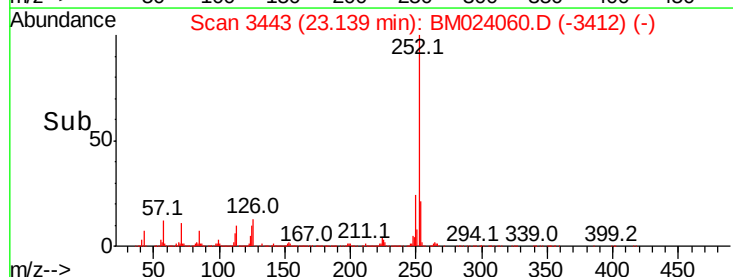
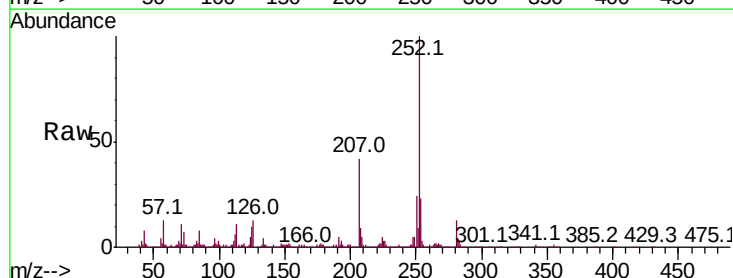
Tgt Ion:252 Resp: 997491

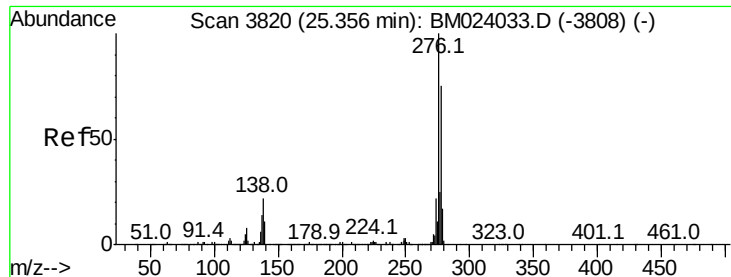
Ion Ratio Lower Upper

252 100

253 22.6 17.2 25.8

125 10.5 7.8 11.6



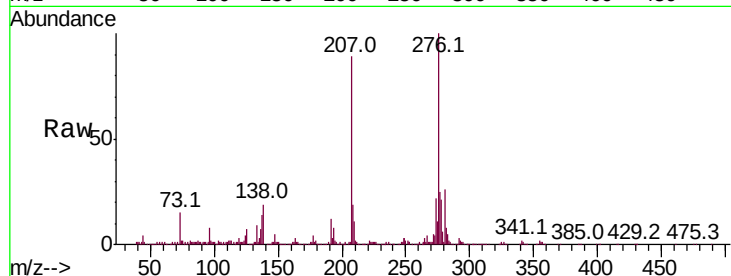


#92

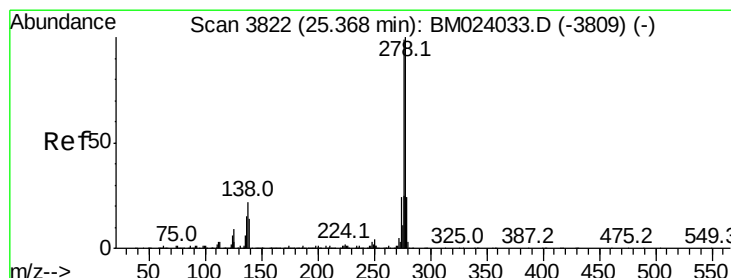
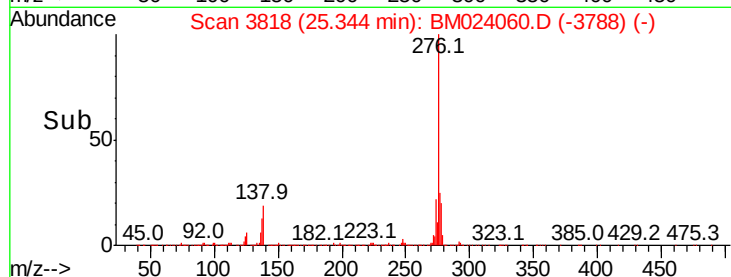
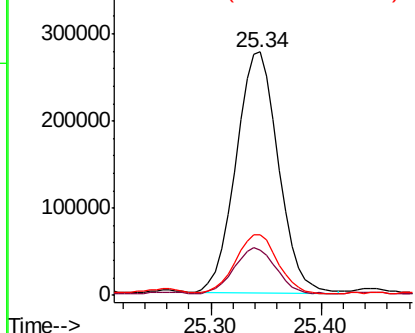
Indeno(1,2,3-cd)pyrene
Concen: 5.459 ng/ul
RT: 25.34 min Scan# 3818
Delta R.T. -0.02 min
Lab File: BM024060.D
Acq: 12 Dec 2019 15:57

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	18.7	17.0	25.6
277	25.0	19.8	29.8



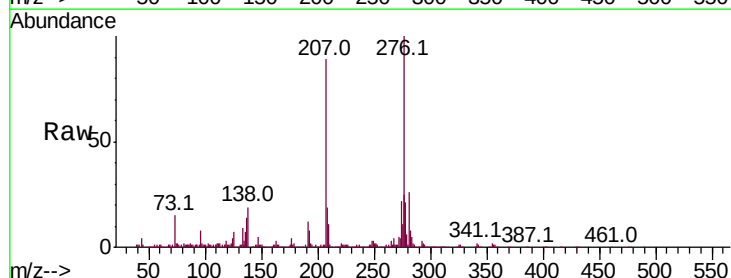
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



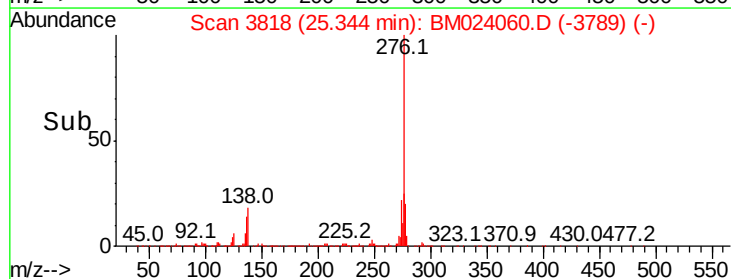
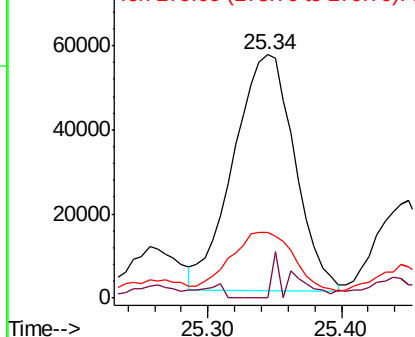
#93

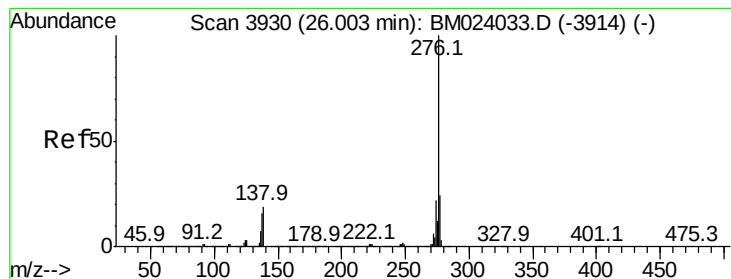
Dibenzo(a,h)anthracene
Concen: 1.561 ng/ul
RT: 25.34 min Scan# 3818
Delta R.T. -0.03 min
Lab File: BM024060.D
Acq: 12 Dec 2019 15:57

Tgt Ion	Ratio	Lower	Upper
278	100		
139	0.0	11.6	17.4#
279	26.8	19.1	28.7



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#94

Benzo(a,h,i)perylene

Concen: 6.517 ng/ul

RT: 25.99 min Scan# 3927

Delta R.T. -0.03 min

Lab File: BM024060.D

Acq: 12 Dec 2019 15:57

Instrument :

BNA_M

ClientSampleId :

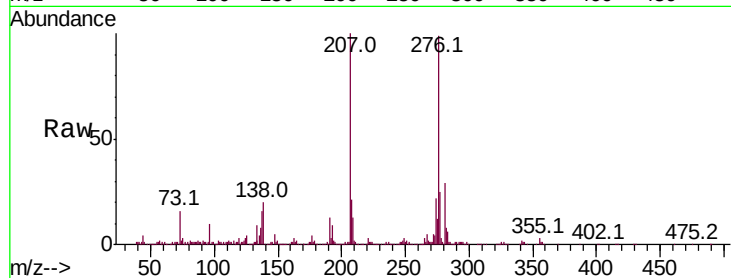
Tot Ion: 276 Resp: 747319

Ion Ratio Lower Upper

276 100

138 20.2 14.9 22.3

277 24.9 19.1 28.7



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

