

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060619\
 Data File : BM020773.D
 Acq On : 06 Jun 2019 20:59
 Operator : HP/JU
 Sample : K3016-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jun 07 05:49:13 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jun 07 05:12:28 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	301868	20.00	ng/ul	0.00
18) Naphthalene-d8	10.60	136	1218935	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.45	164	670863	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	1401042	20.00	ng/ul	0.00
77) Chrysene-d12	21.37	240	1210033	20.00	ng/ul	0.00
85) Perylene-d12	23.66	264	1381674	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.31	96	34470	5.44	ng/uL	0.00
5) Phenol-d5	6.97	99	680043	29.45	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	428886	30.97	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	578787	31.46	ng/ul	0.00
13) 4-Methylphenol-d8	8.51	113	540826	29.10	ng/ul	0.00
19) Nitrobenzene-d5	8.97	128	266824	32.07	ng/ul	0.00
22) 2-Nitrophenol-d4	9.69	143	275075	32.12	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	544195	30.46	ng/ul	0.00
29) 4-Chloroaniline-d4	10.75	131	167071	7.77	ng/ul	0.00
43) Dimethylphthalate-d6	13.86	166	1626519	32.78	ng/ul	0.00
46) Acenaphthylene-d8	14.14	160	1993642	31.68	ng/ul	0.00
51) 4-Nitrophenol-d4	14.64	143	155053	18.21	ng/ul	0.00
57) Fluorene-d10	15.45	176	1344840	31.89	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.56	200	136522	19.06	ng/ul	0.00
70) Anthracene-d10	17.29	188	1879687	30.71	ng/ul	0.00
78) Pyrene-d10	19.59	212	1938704	33.15	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.51	264	1944696	30.97	ng/ul	0.00

Target Compounds

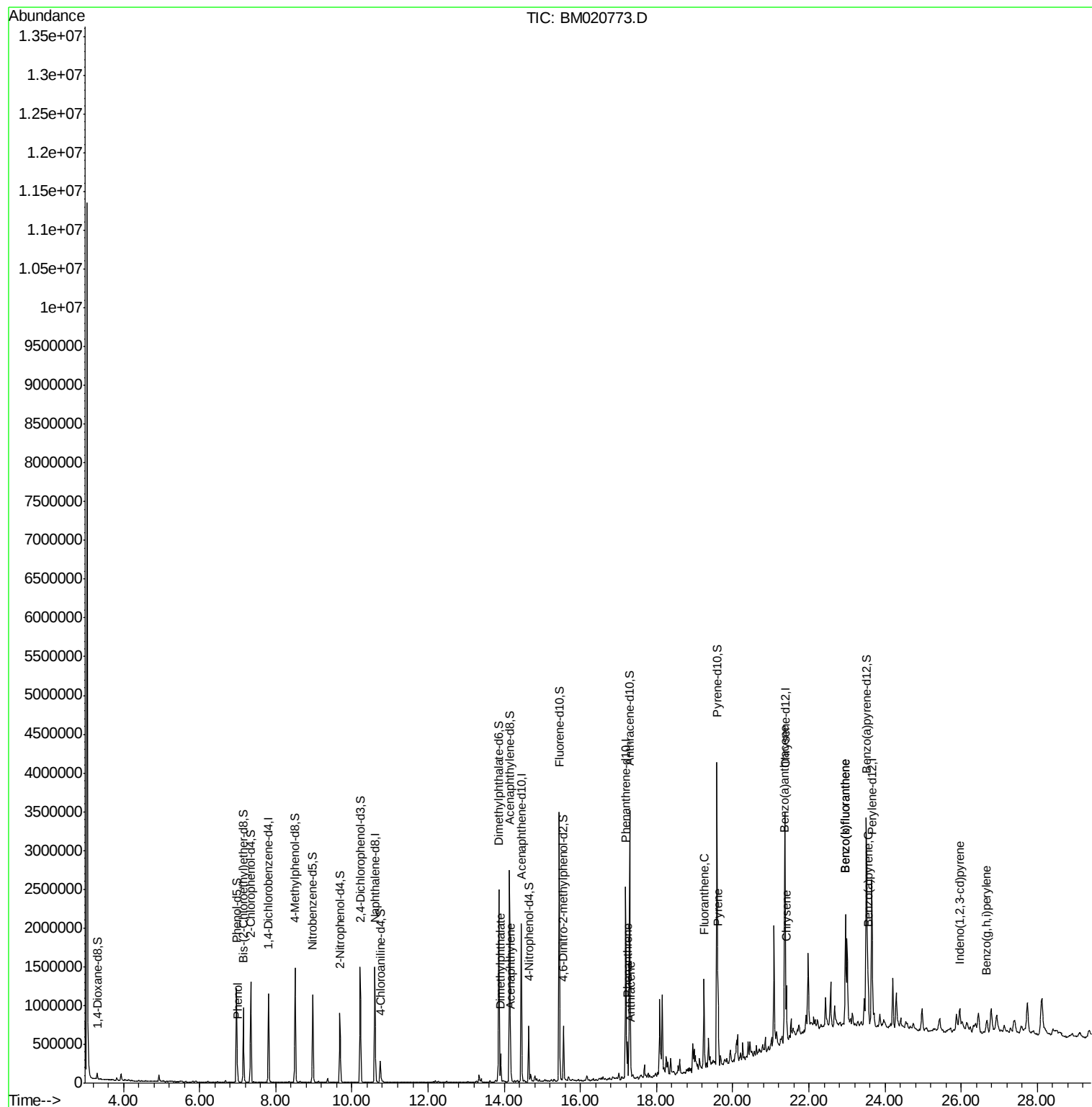
					Ovalue
6) Phenol	7.00	94	55648	2.340 ng/ul	98
44) Dimethylphthalate	13.90	163	209640	4.219 ng/ul	98
47) Acenaphthylene	14.17	152	92929	1.527 ng/ul	99
69) Phenanthrene	17.23	178	284359	4.033 ng/ul	100
71) Anthracene	17.33	178	85082	1.177 ng/ul	98
76) Fluoranthene	19.25	202	635271	7.862 ng/ul	99
79) Pyrene	19.62	202	700127	9.373 ng/ul	99
82) Benzo(a)anthracene	21.36	228	354141	4.692 ng/ul	94
84) Chrysene	21.41	228	407751	5.822 ng/ul	97
87) Benzo(b)fluoranthene	22.97	252	544671	6.777 ng/ul#	95
88) Benzo(k)fluoranthene	22.97	252	544671	7.090 ng/ul#	95
90) Benzo(a)pyrene	23.56	252	379331	4.961 ng/ul#	94
91) Indeno(1,2,3-cd)pyrene	25.96	276	275672	3.052 ng/ul	96
93) Benzo(g,h,i)perylene	26.67	276	214075	2.922 ng/ul	99

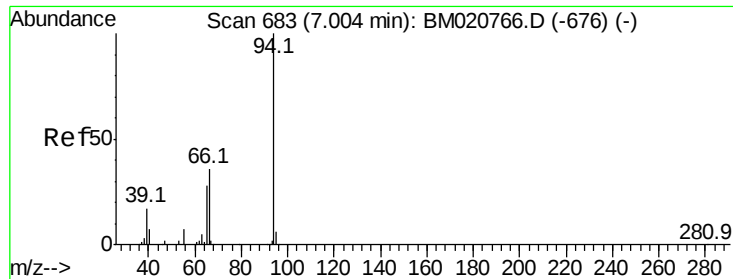
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 07 05:12:28 2019
Response via : Initial Calibration





#6

Phenol

Concen: 2.340 ng/ul

RT: 7.00 min Scan# 682

Delta R.T. -0.01 min

Lab File: BM020773.D

Acq: 06 Jun 2019 20:59

Instrument :

BNA_M

ClientSampled :

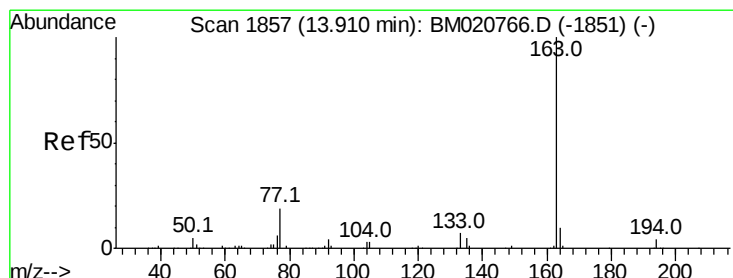
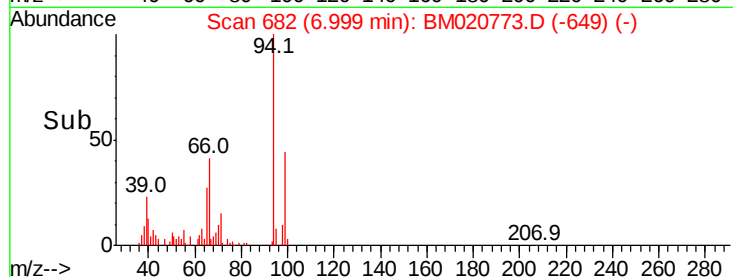
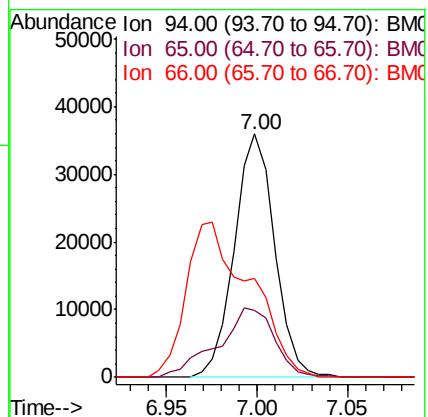
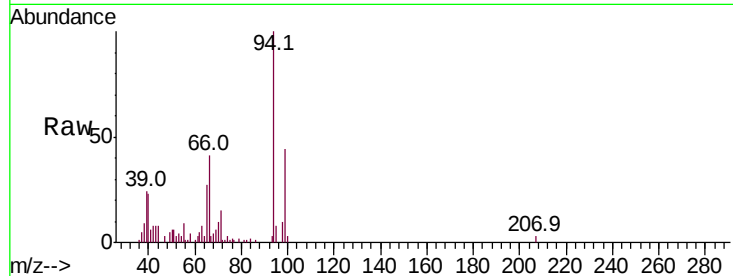
Tot Ion: 94 Resp: 55648

Ion Ratio Lower Upper

94 100

65 27.4 23.3 34.9

66 40.7 32.1 48.1



#44

Dimethylphthalate

Concen: 4.219 ng/ul

RT: 13.90 min Scan# 1856

Delta R.T. -0.01 min

Lab File: BM020773.D

Acq: 06 Jun 2019 20:59

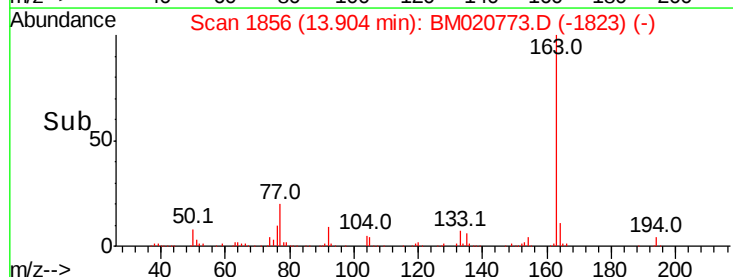
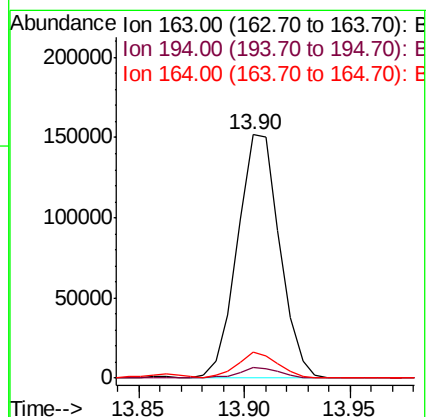
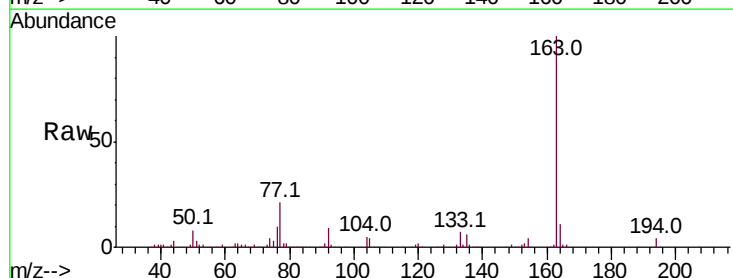
Tgt Ion: 163 Resp: 209640

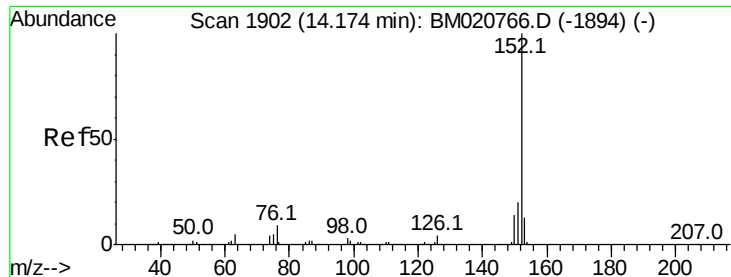
Ion Ratio Lower Upper

163 100

194 4.4 3.2 4.8

164 10.7 8.0 12.0





#47

Acenaphthylene

Concen: 1.527 ng/ul

RT: 14.17 min Scan# 1901

Delta R.T. -0.01 min

Lab File: BM020773.D

Acq: 06 Jun 2019 20:59

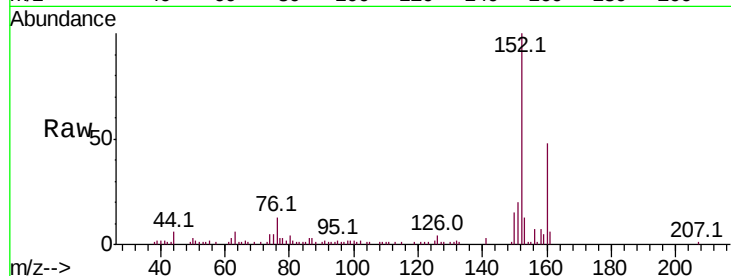
Instrument :

BNA_M

ClientSampleId :

Tot Ion:152 Resp: 92929

Ion	Ratio	Lower	Upper
152	100		
151	19.8	16.2	24.2
153	12.9	10.6	15.8

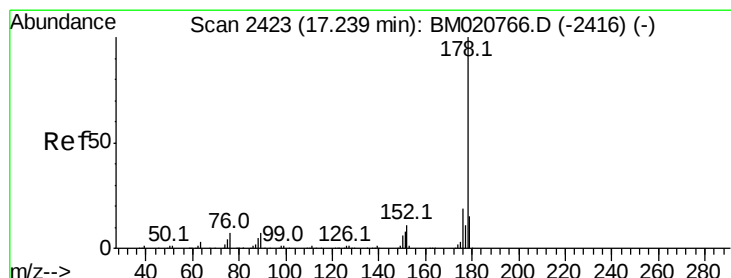
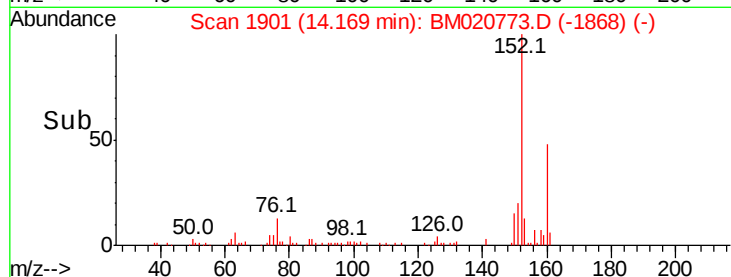
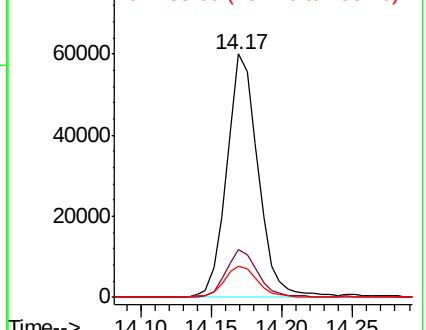


Abundance

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



#69

Phenanthrene

Concen: 4.033 ng/ul

RT: 17.23 min Scan# 2422

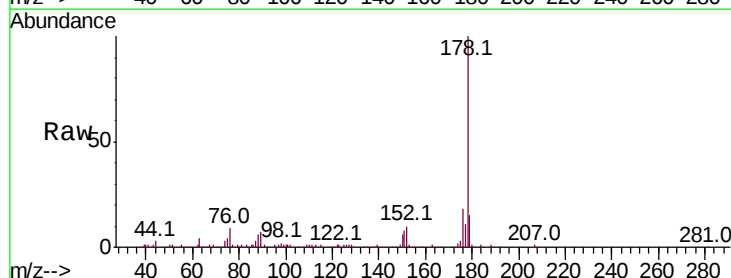
Delta R.T. -0.01 min

Lab File: BM020773.D

Acq: 06 Jun 2019 20:59

Tgt Ion:178 Resp: 284359

Ion	Ratio	Lower	Upper
178	100		
179	15.1	12.3	18.5
176	18.4	14.8	22.2

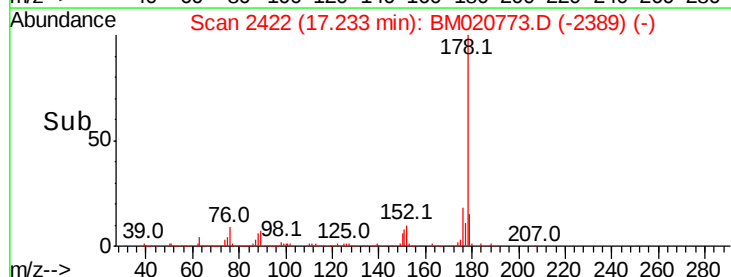
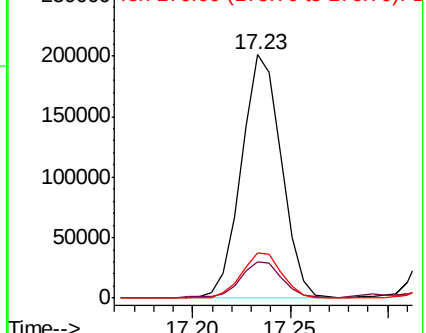


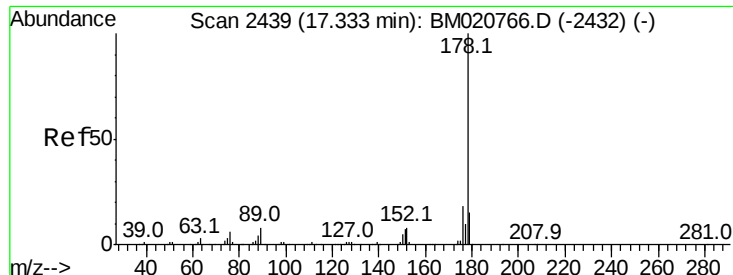
Abundance

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

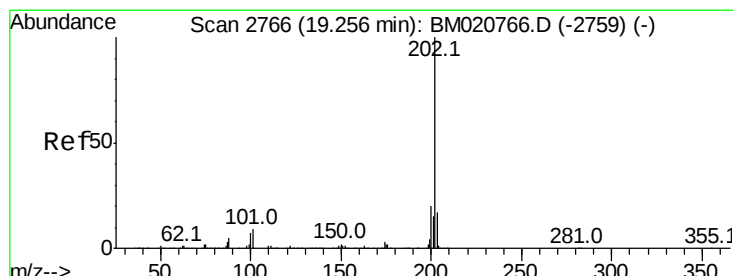
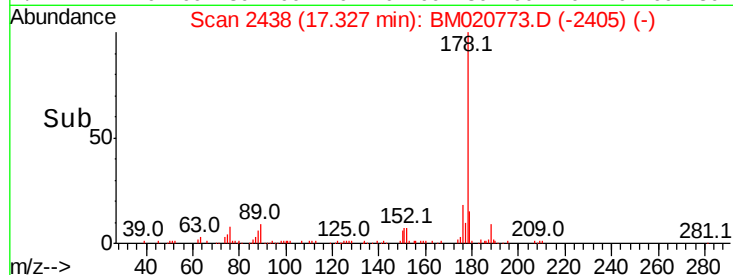
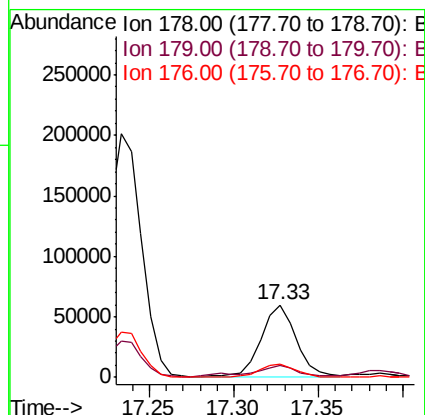
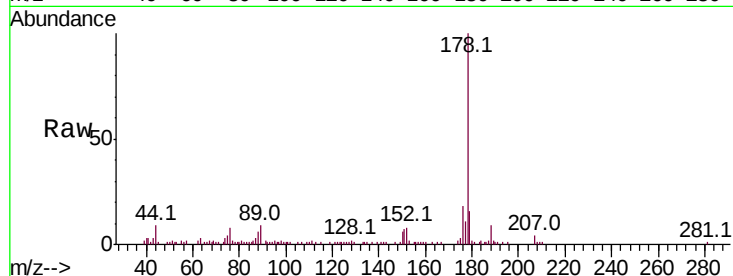




#71
 Anthracene
 Concen: 1.177 ng/ul
 RT: 17.33 min Scan# 2438
 Delta R.T. -0.01 min
 Lab File: BM020773.D
 Acq: 06 Jun 2019 20:59

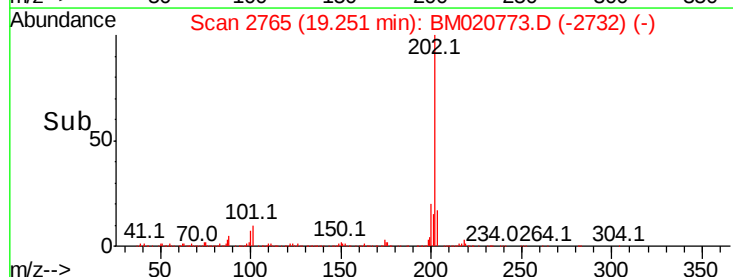
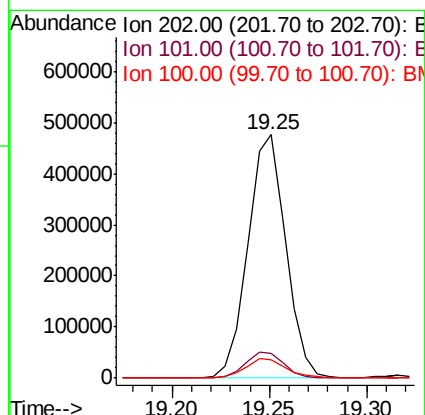
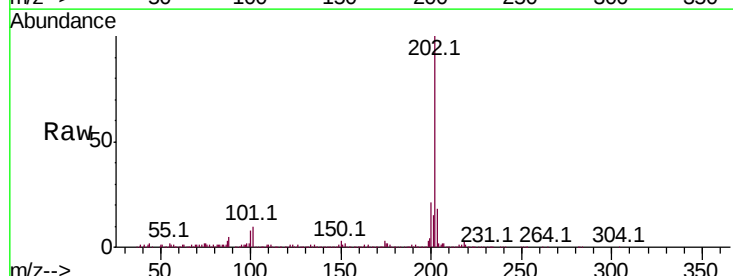
Instrument :
 BNA_M
 ClientSampled :

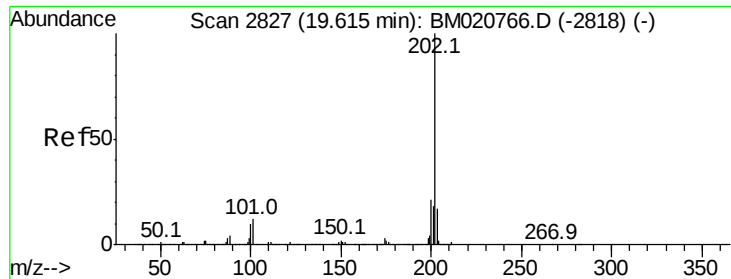
Tot Ion:178 Resp: 85082
 Ion Ratio Lower Upper
 178 100
 179 15.7 12.1 18.1
 176 17.8 14.9 22.3



#76
 Fluoranthene
 Concen: 7.862 ng/ul
 RT: 19.25 min Scan# 2765
 Delta R.T. -0.01 min
 Lab File: BM020773.D
 Acq: 06 Jun 2019 20:59

Tgt Ion:202 Resp: 635271
 Ion Ratio Lower Upper
 202 100
 101 10.2 7.9 11.9
 100 7.5 6.2 9.4

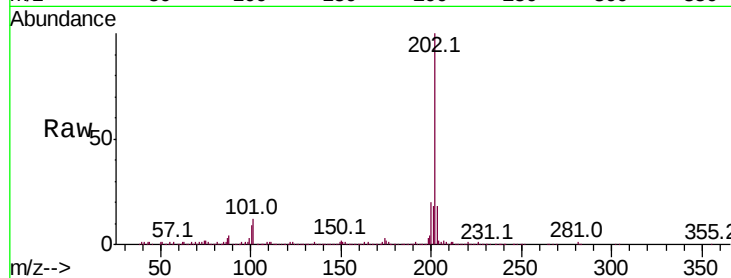




#79
Pvrene
Concen: 9.373 ng/ul
RT: 19.62 min Scan# 2827
Delta R.T. 0.00 min
Lab File: BM020773.D
Acq: 06 Jun 2019 20:59

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
101	11.7	9.8	14.6
100	9.3	8.0	12.0

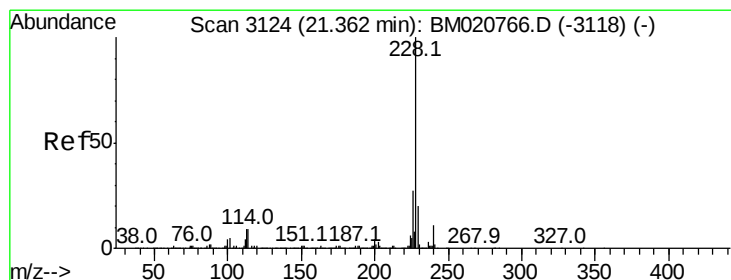
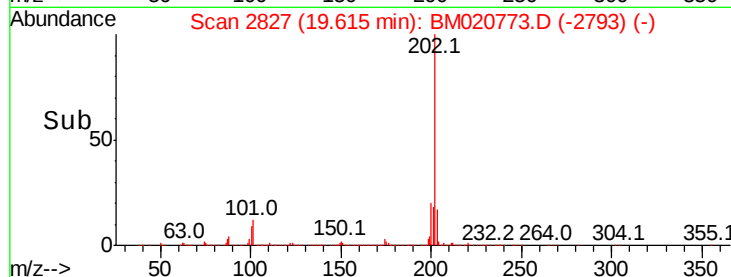
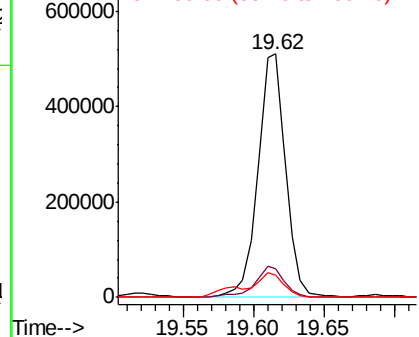


Abundance

Ion 202.00 (201.70 to 202.70): E

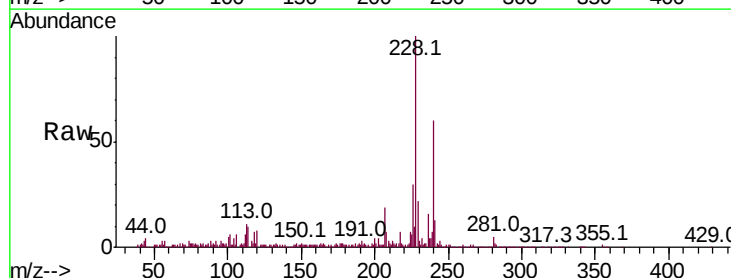
Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E



#82
Benzo(a)anthracene
Concen: 4.692 ng/ul
RT: 21.36 min Scan# 3123
Delta R.T. -0.01 min
Lab File: BM020773.D
Acq: 06 Jun 2019 20:59

Tgt Ion	Ratio	Lower	Upper
228	100		
229	22.0	15.6	23.4
226	30.5	21.4	32.2

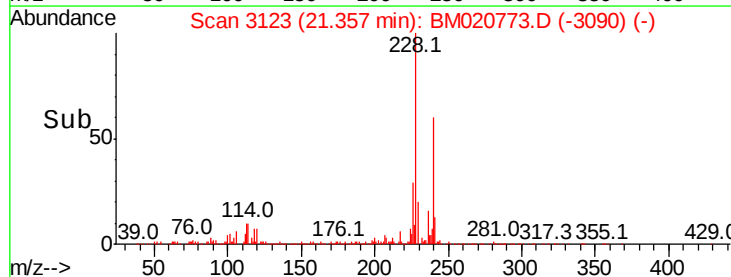
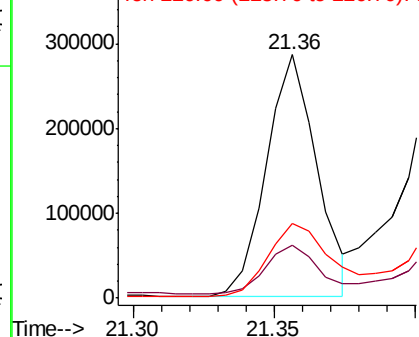


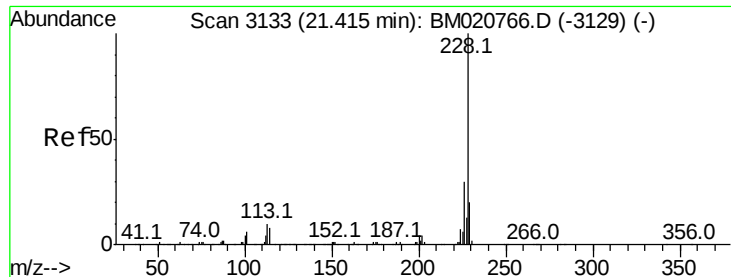
Abundance

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





#84

Chrysene

Concen: 5.822 ng/ul

RT: 21.41 min Scan# 3132

Delta R.T. -0.01 min

Lab File: BM020773.D

Acq: 06 Jun 2019 20:59

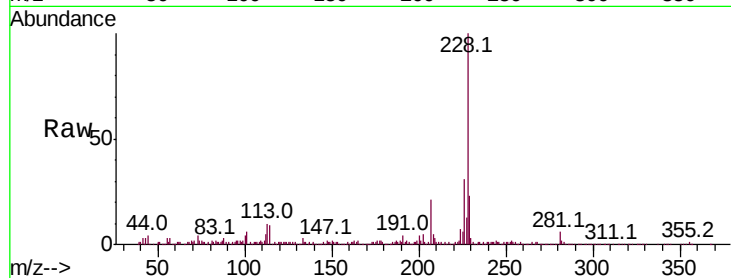
Instrument :

BNA_M

ClientSampleId :

Tot Ion:228 Resp: 407751

Ion	Ratio	Lower	Upper
228	100		
226	31.3	24.4	36.6
229	22.7	16.2	24.2

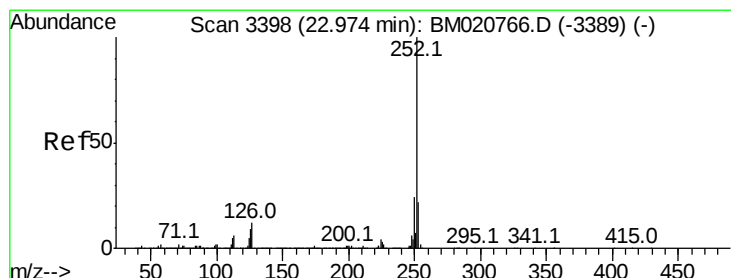
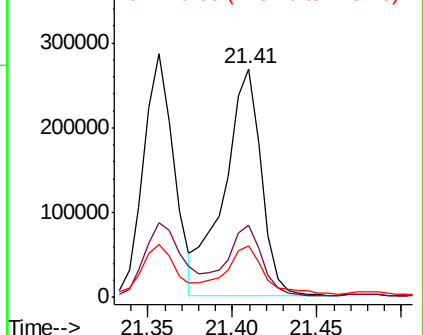
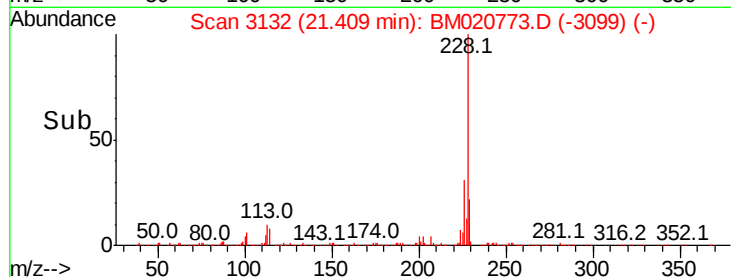


Abundance

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



#87

Benzo(b)fluoranthene

Concen: 6.777 ng/ul

RT: 22.97 min Scan# 3397

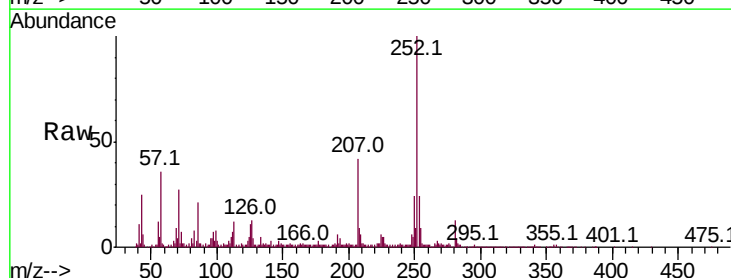
Delta R.T. -0.01 min

Lab File: BM020773.D

Acq: 06 Jun 2019 20:59

Tgt Ion:252 Resp: 544671

Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.6	26.4
125	11.2	7.3	10.9

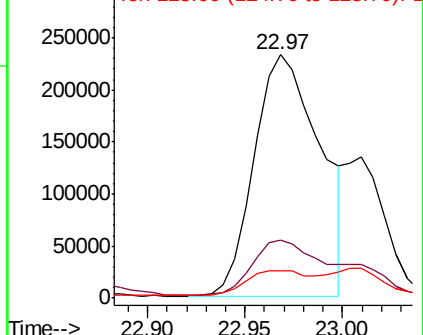
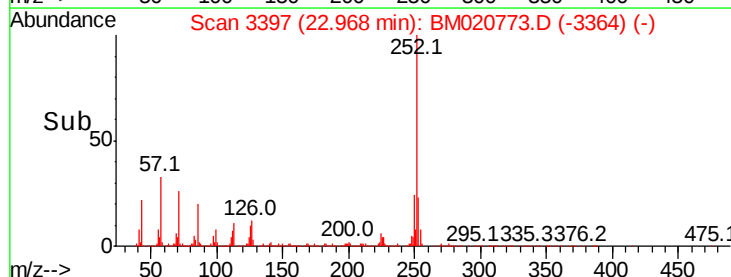


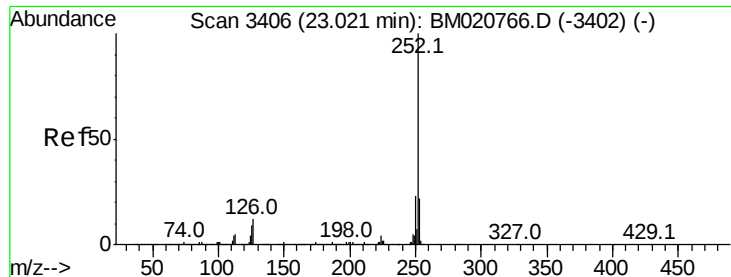
Abundance

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





#88

Benzo(k)fluoranthene

Concen: 7.090 ng/ul

RT: 22.97 min Scan# 3397

Delta R.T. -0.05 min

Lab File: BM020773.D

Acq: 06 Jun 2019 20:59

Instrument :

BNA_M

ClientSampleId :

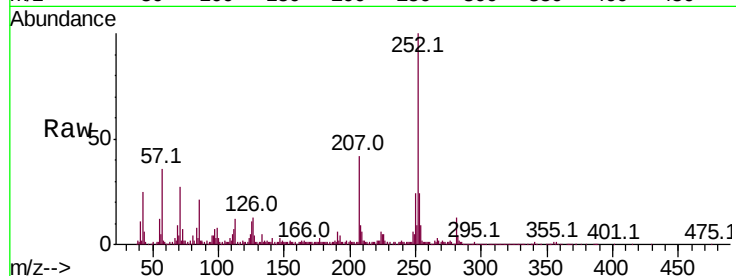
Tot Ion:252 Resp: 544671

Ion Ratio Lower Upper

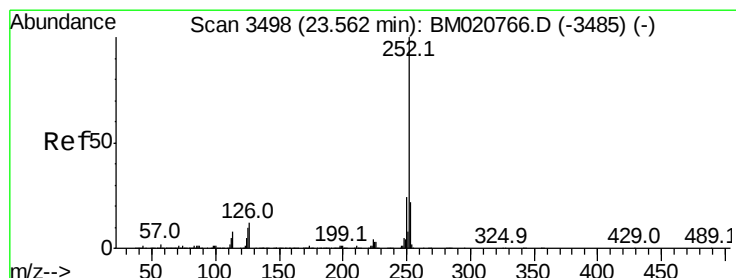
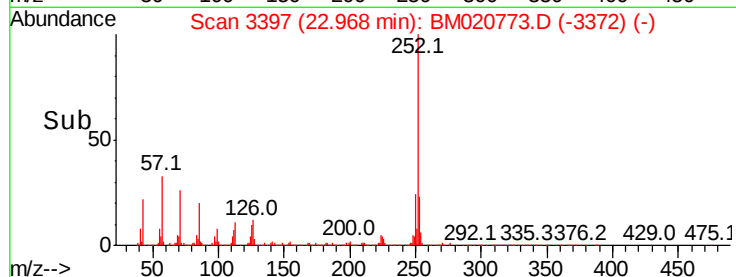
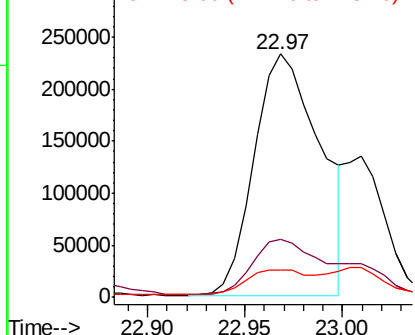
252 100

253 24.1 17.6 26.4

125 11.2 7.3 10.9#



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



#90

Benzo(a)pyrene

Concen: 4.961 ng/ul

RT: 23.56 min Scan# 3497

Delta R.T. -0.01 min

Lab File: BM020773.D

Acq: 06 Jun 2019 20:59

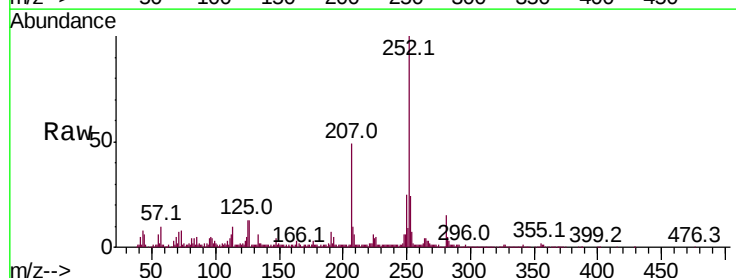
Tgt Ion:252 Resp: 379331

Ion Ratio Lower Upper

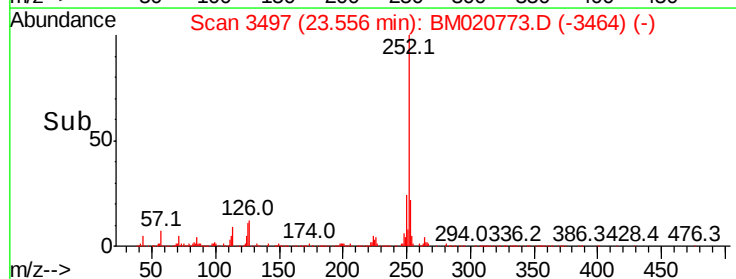
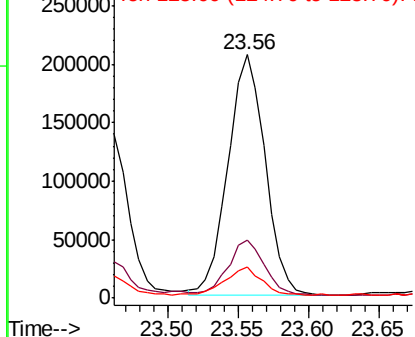
252 100

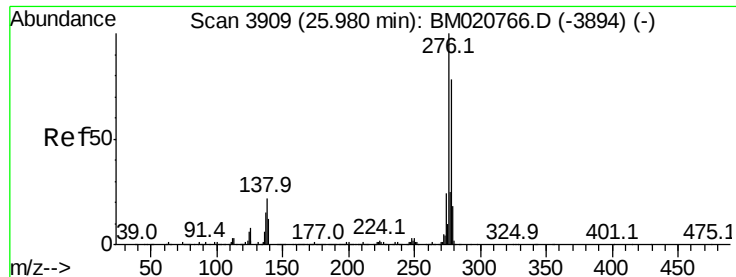
253 24.1 17.0 25.6

125 12.7 8.2 12.4#



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

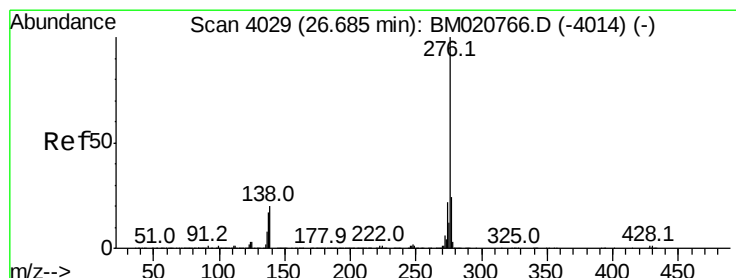
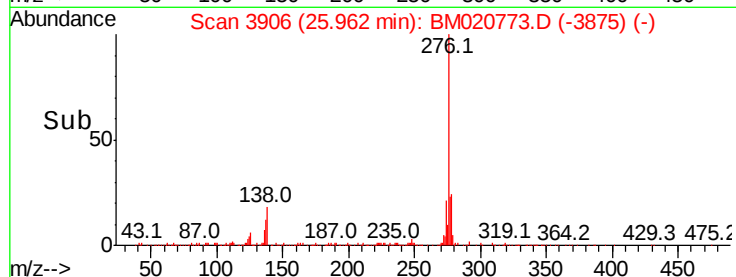
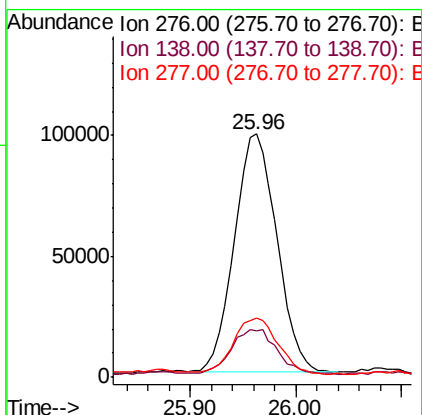
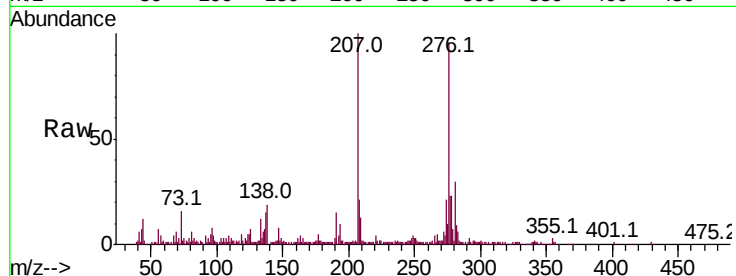




#91
 Indeno(1,2,3-cd)pyrene
 Concen: 3.052 ng/ul
 RT: 25.96 min Scan# 3906
 Delta R.T. -0.02 min
 Lab File: BM020773.D
 Acq: 06 Jun 2019 20:59

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	19.3	17.8	26.8
277	24.1	20.0	30.0



#93
 Benzo(g,h,i)perylene
 Concen: 2.922 ng/ul
 RT: 26.67 min Scan# 4026
 Delta R.T. -0.02 min
 Lab File: BM020773.D
 Acq: 06 Jun 2019 20:59

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.1	16.6	25.0
277	23.8	19.6	29.4

