

Data File : BM023880.D
Acq On : 23 Nov 2019 05:08
Operator : JU
Sample : K5854-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AB6

Quant Time: Nov 25 01:12:34 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 25 01:09:42 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	401988	20.00	ng/ul	0.00
18) Naphthalene-d8	10.28	136	1615099	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.17	164	993752	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.92	188	2090716	20.00	ng/ul	0.00
78) Chrysene-d12	21.13	240	1979669	20.00	ng/ul	0.00
86) Perylene-d12	23.28	264	2489786	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	3.06	96	27878	2.86	ng/uL	0.01
5) Phenol-d5	6.70	99	591251	16.14	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.86	67	337067	16.01	ng/ul	0.00
9) 2-Chlorophenol-d4	7.05	132	482338	18.17	ng/ul	0.00
13) 4-Methylphenol-d8	8.23	113	398060	13.62	ng/ul	0.00
19) Nitrobenzene-d5	8.66	128	236083	20.42	ng/ul	0.00
22) 2-Nitrophenol-d4	9.37	143	265623	21.86	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.92	165	465291	16.79	ng/ul	0.00
29) 4-Chloroaniline-d4	10.43	131	489686	16.10	ng/ul	0.00
44) Dimethylphthalate-d6	13.59	166	1404685	18.13	ng/ul	0.00
47) Acenaphthylene-d8	13.86	160	1723462	19.49	ng/ul	0.00
52) 4-Nitrophenol-d4	14.41	143	161227	12.19	ng/ul	0.01
58) Fluorene-d10	15.17	176	1258040	18.38	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.31	200	68527	5.67	ng/ul	0.00
71) Anthracene-d10	17.02	188	1884309	19.00	ng/ul	0.00
79) Pyrene-d10	19.33	212	2070775	20.06	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.14	264	2555933	19.51	ng/ul	0.00

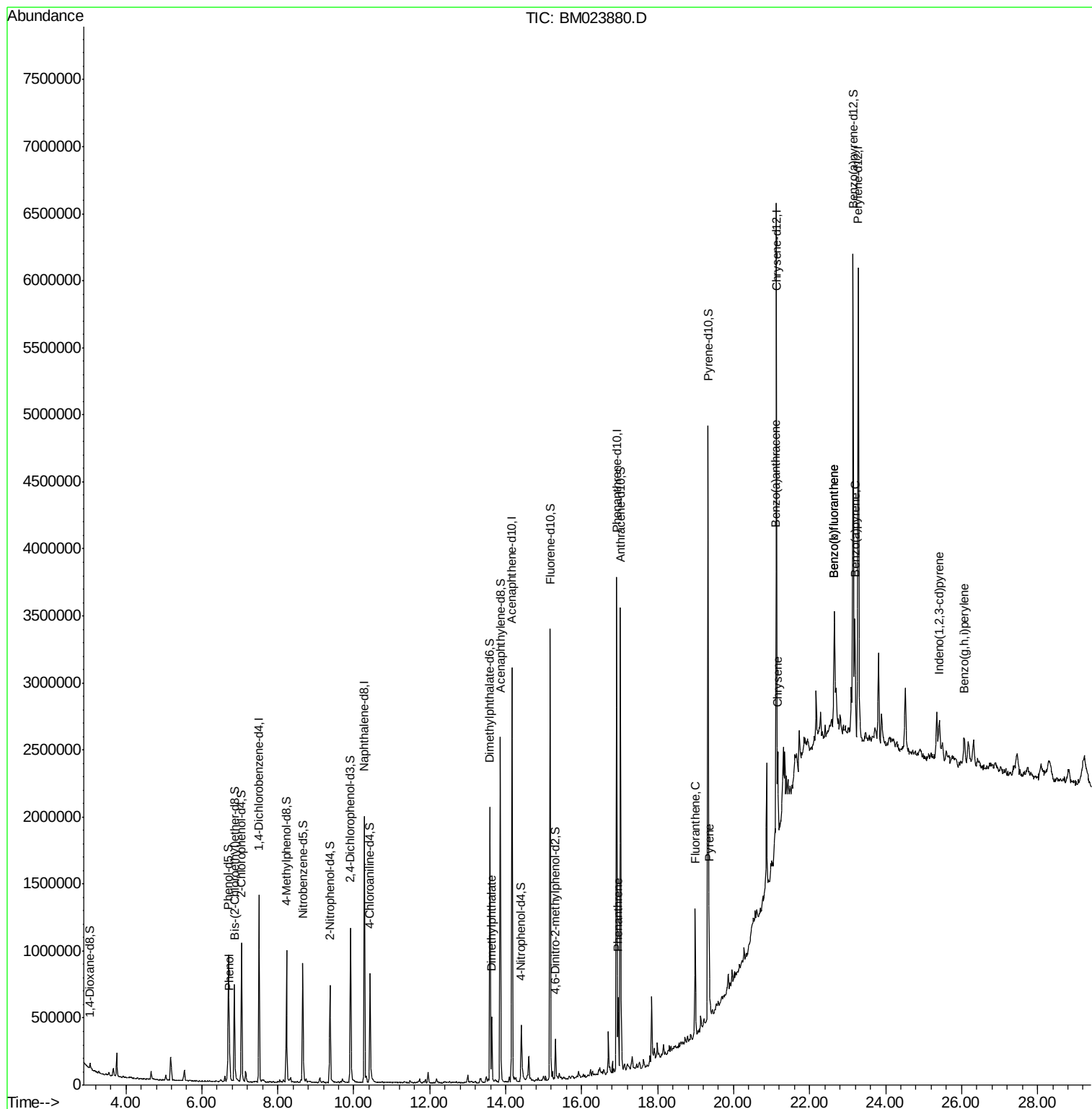
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) Phenol	6.73	94	143106	3.791	ng/ul	97
45) Dimethylphthalate	13.63	163	318905	4.199	ng/ul	100
70) Phenanthrene	16.96	178	301409	2.617	ng/ul	99
77) Fluoranthene	18.99	202	554611	4.495	ng/ul#	95
80) Pyrene	19.36	202	495642	3.873	ng/ul	98
83) Benzo(a)anthracene	21.11	228	273521	2.095	ng/ul	97
85) Chrysene	21.16	228	320243	2.605	ng/ul	96
88) Benzo(b)fluoranthene	22.64	252	447734	2.821	ng/ul#	91
89) Benzo(k)fluoranthene	22.64	252	447734	2.928	ng/ul#	89
91) Benzo(a)pyrene	23.19	252	309138	2.128	ng/ul#	87
92) Indeno(1,2,3-cd)pyrene	25.42	276	242242	1.559	ng/ul	100
94) Benzo(g,h,i)perylene	26.07	276	257360	2.044	ng/ul#	90

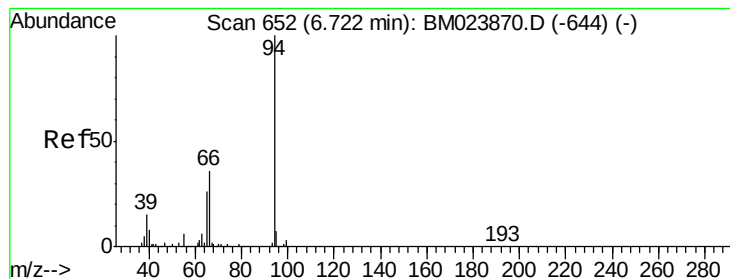
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 3.791 ng/ul

RT: 6.73 min Scan# 653

Delta R.T. 0.01 min

Lab File: BM023880.D

Acq: 23 Nov 2019 05:08

Instrument :

BNA_M

ClientSampled :

C0AB6

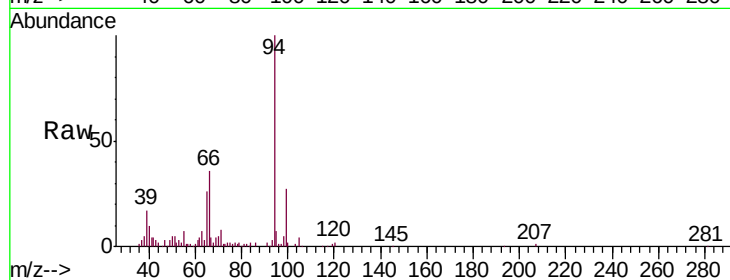
Tgt Ion: 94 Resp: 143106

Ion Ratio Lower Upper

94 100

65 26.3 21.4 32.2

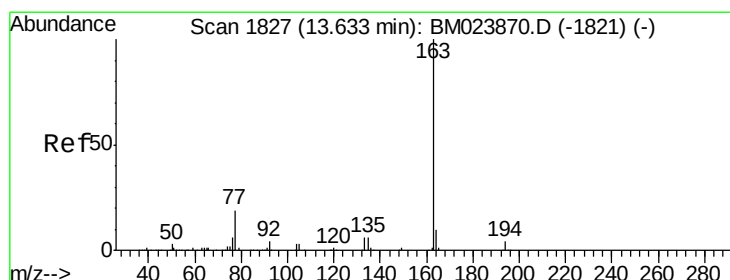
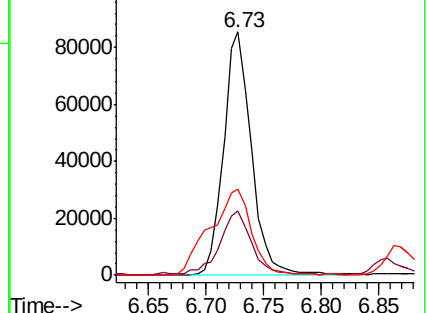
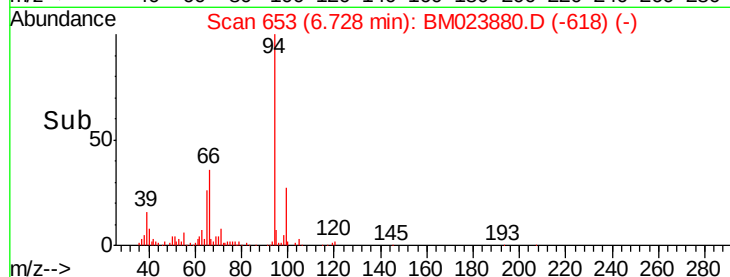
66 35.6 30.7 46.1



Abundance Ion 94.00 (93.70 to 94.70): BM023880.D (-618) (-)

Ion 65.00 (64.70 to 65.70): BM023880.D (-618) (-)

Ion 66.00 (65.70 to 66.70): BM023880.D (-618) (-)



#45

Dimethylphthalate

Concen: 4.199 ng/ul

RT: 13.63 min Scan# 1827

Delta R.T. -0.00 min

Lab File: BM023880.D

Acq: 23 Nov 2019 05:08

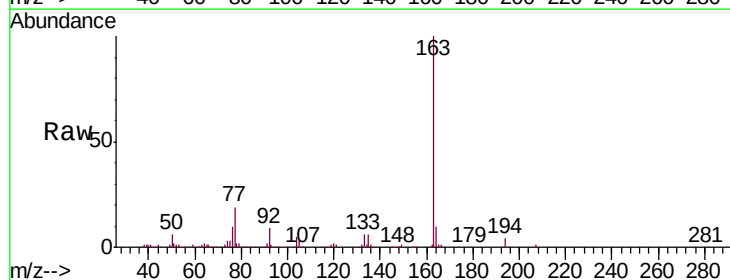
Tgt Ion: 163 Resp: 318905

Ion Ratio Lower Upper

163 100

194 4.0 3.4 5.2

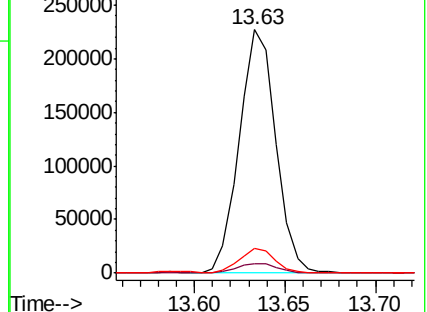
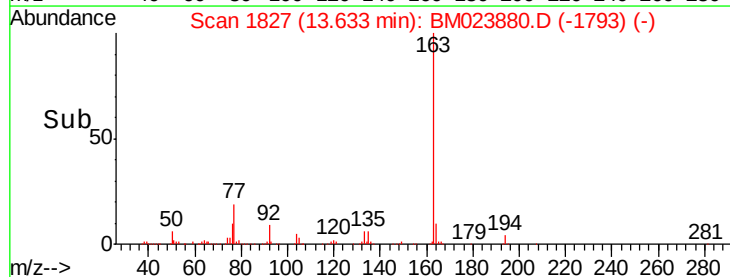
164 9.9 8.0 12.0

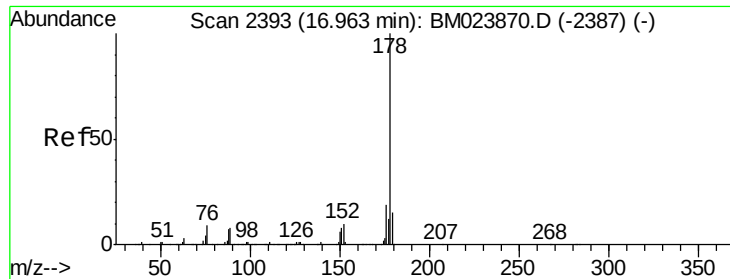


Abundance Ion 163.00 (162.70 to 163.70): BM023880.D (-1793) (-)

Ion 194.00 (193.70 to 194.70): BM023880.D (-1793) (-)

Ion 164.00 (163.70 to 164.70): BM023880.D (-1793) (-)





#70

Phenanthrene

Concen: 2.617 ng/ul

RT: 16.96 min Scan# 2393

Delta R.T. -0.00 min

Lab File: BM023880.D

Acq: 23 Nov 2019 05:08

Instrument :

BNA_M

ClientSampleId :

C0AB6

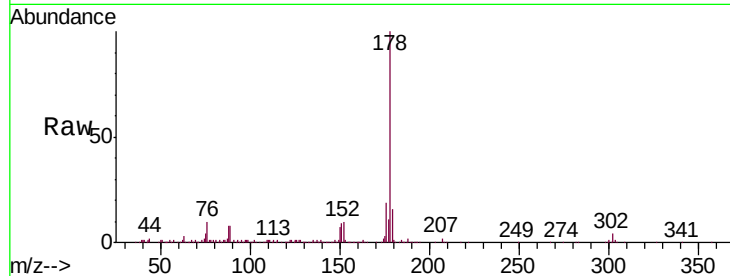
Tgt Ion:178 Resp: 301409

Ion Ratio Lower Upper

178 100

179 15.9 12.3 18.5

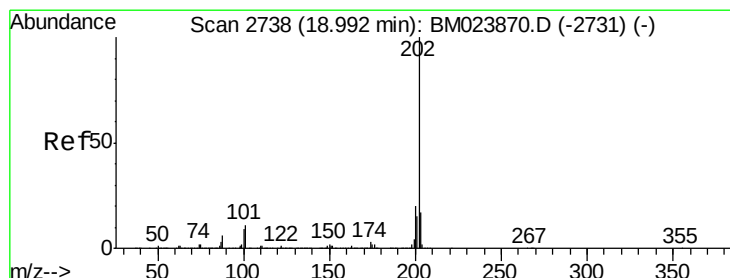
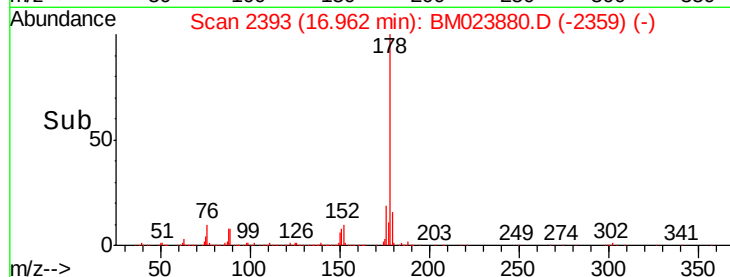
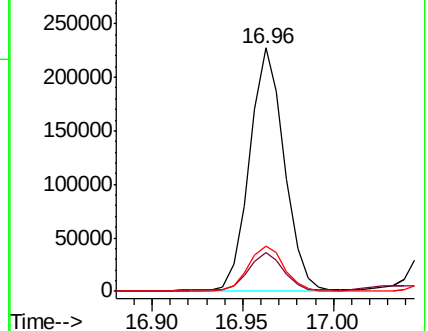
176 18.5 15.0 22.6



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: 4.495 ng/ul

RT: 18.99 min Scan# 2738

Delta R.T. -0.00 min

Lab File: BM023880.D

Acq: 23 Nov 2019 05:08

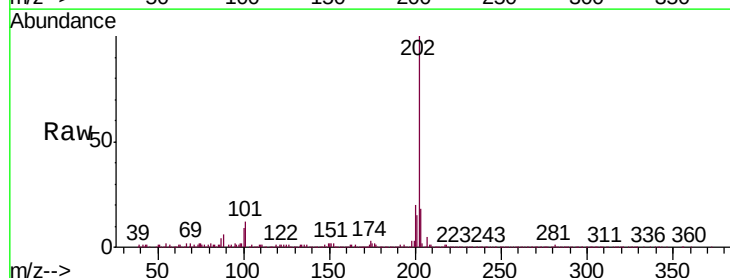
Tgt Ion:202 Resp: 554611

Ion Ratio Lower Upper

202 100

101 11.6 7.7 11.5#

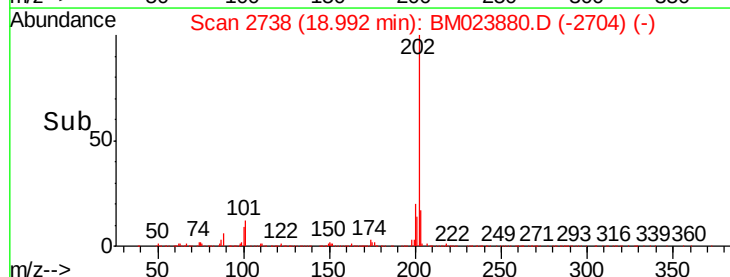
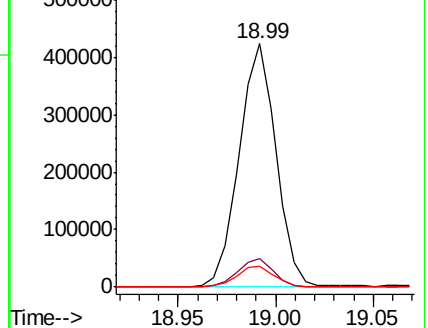
100 8.8 6.0 9.0

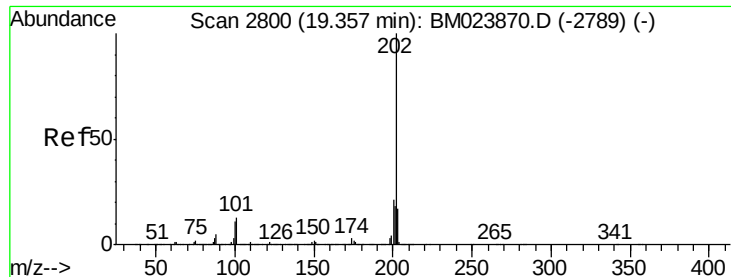


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

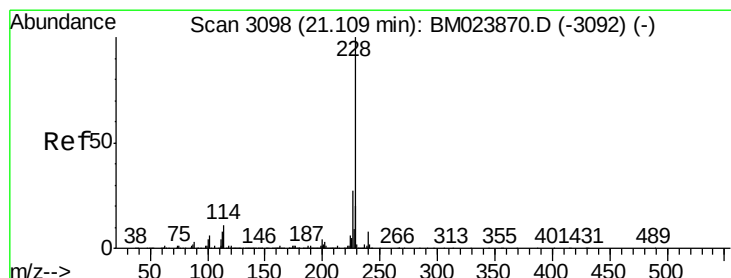
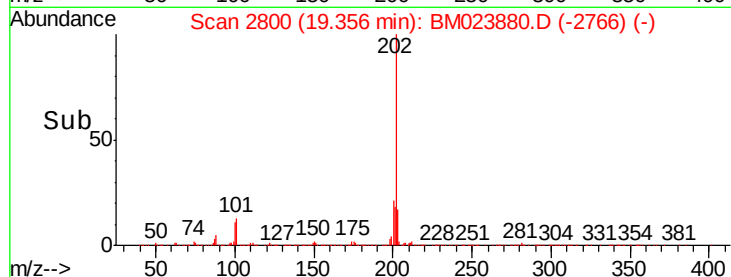
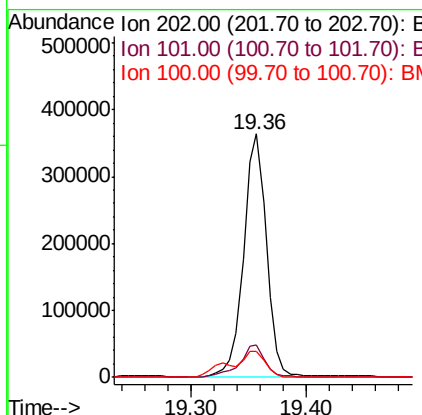
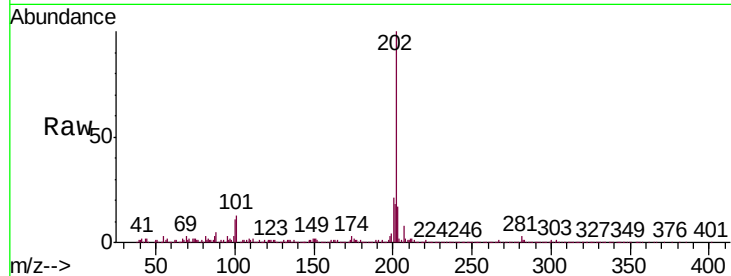




#80
 Pyrene
 Concen: 3.873 ng/ul
 RT: 19.36 min Scan# 2800
 Delta R.T. -0.00 min
 Lab File: BM023880.D
 Acq: 23 Nov 2019 05:08

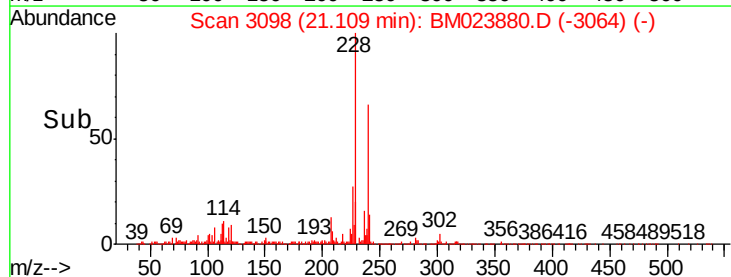
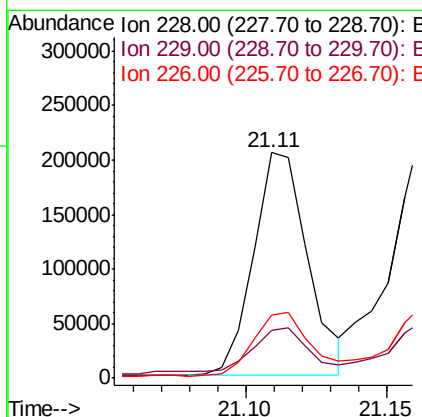
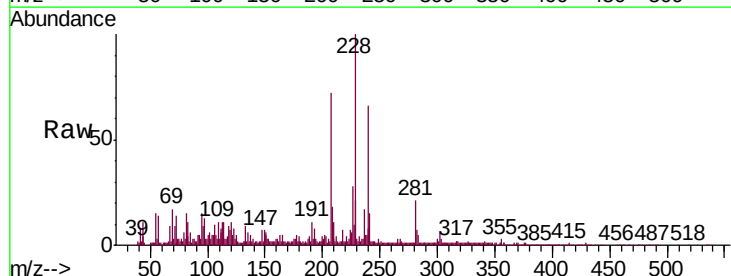
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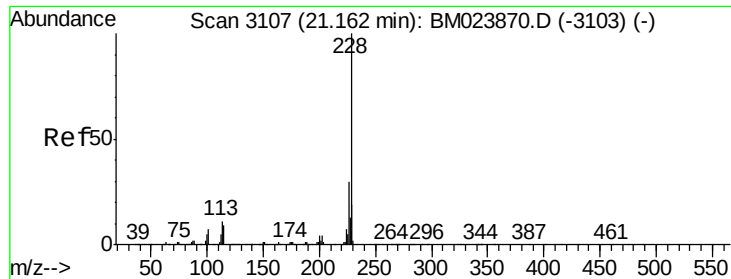
Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.2	9.8	14.6
100	10.6	8.1	12.1



#83
 Benzo(a)anthracene
 Concen: 2.095 ng/ul
 RT: 21.11 min Scan# 3098
 Delta R.T. -0.00 min
 Lab File: BM023880.D
 Acq: 23 Nov 2019 05:08

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.3	15.6	23.4
226	28.1	21.4	32.2

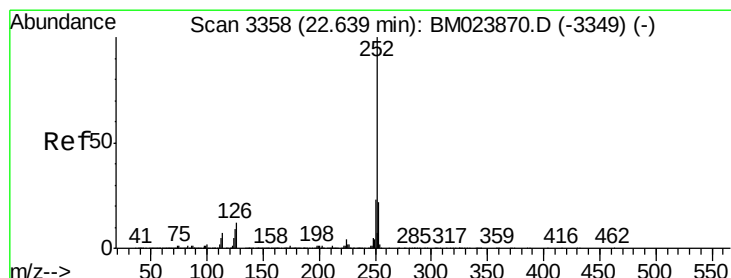
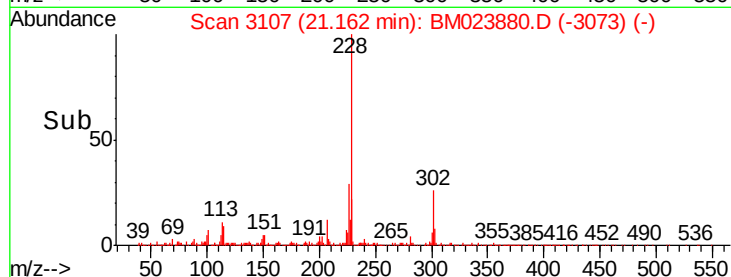
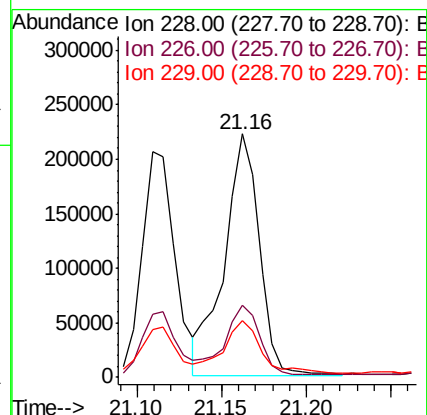
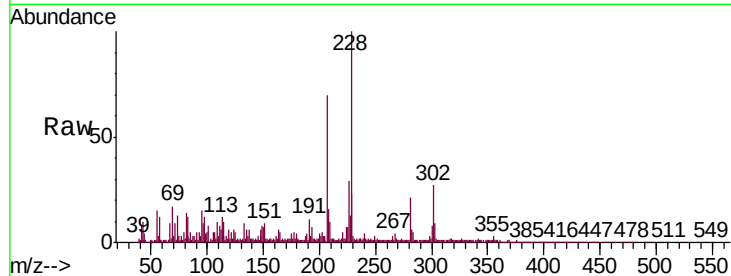




#85
Chrysene
Concen: 2.605 ng/ul
RT: 21.16 min Scan# 3107
Delta R.T. -0.00 min
Lab File: BM023880.D
Acq: 23 Nov 2019 05:08

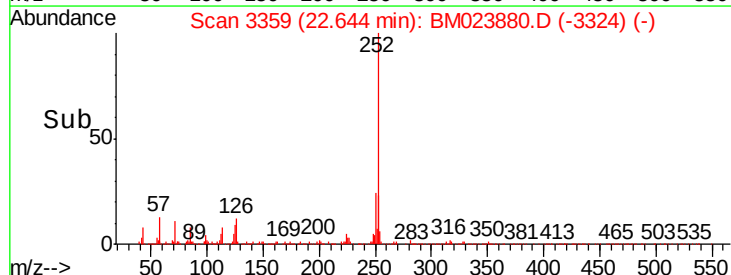
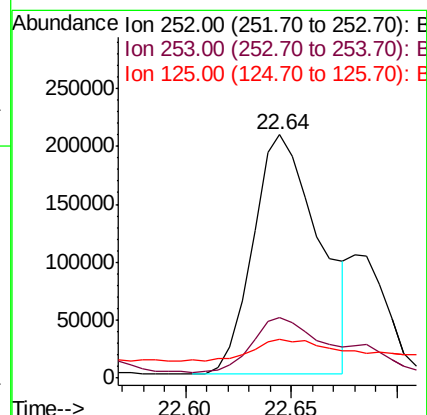
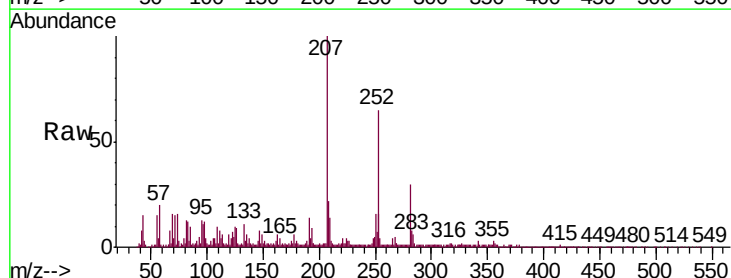
Instrument :
BNA_M
ClientSampleId :
C0AB6

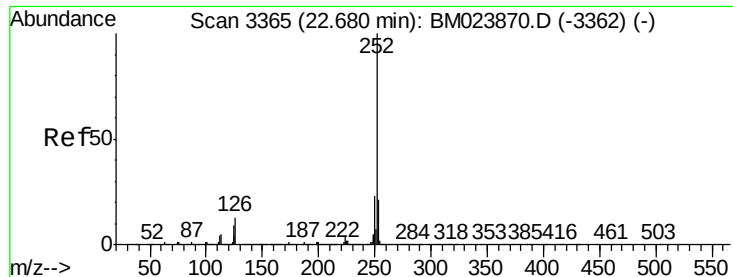
Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.4	23.8	35.8
229	23.4	15.8	23.6



#88
Benzo(b)fluoranthene
Concen: 2.821 ng/ul
RT: 22.64 min Scan# 3359
Delta R.T. 0.01 min
Lab File: BM023880.D
Acq: 23 Nov 2019 05:08

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.8	17.8	26.8
125	15.7	6.5	9.7





#89

Benzo(k)fluoranthene

Concen: 2.928 ng/ul

RT: 22.64 min Scan# 3359

Delta R.T. -0.04 min

Lab File: BM023880.D

Acq: 23 Nov 2019 05:08

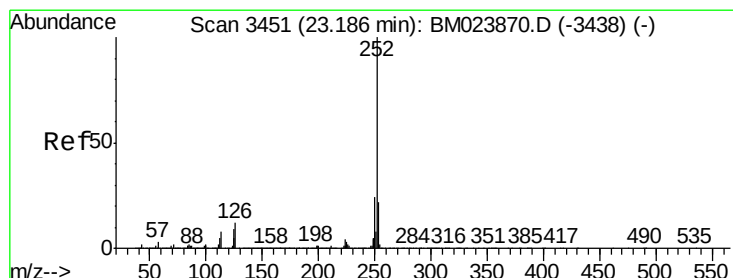
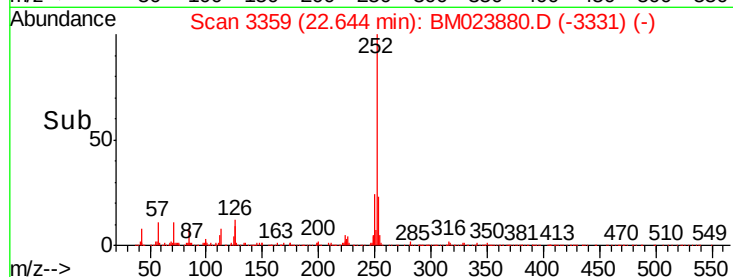
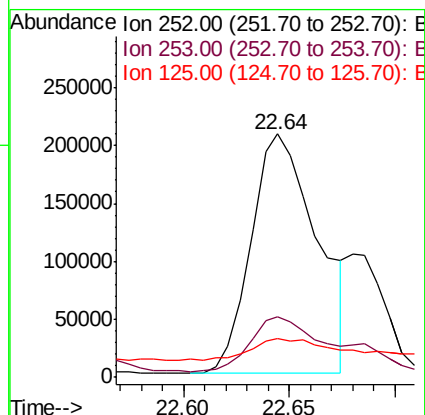
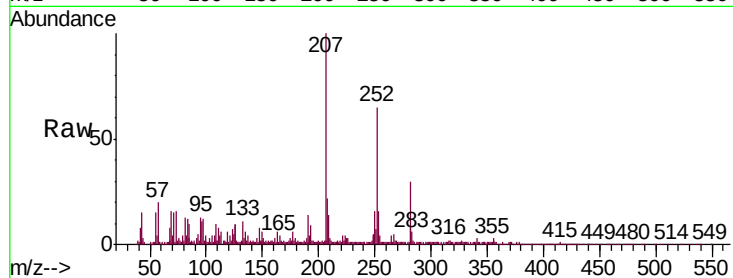
Instrument :

BNA_M

ClientSampleId :

C0AB6

Tgt Ion:	252	Resp:	447734
Ion	Ratio	Lower	Upper
252	100		
253	24.8	17.2	25.8
125	15.7	5.9	8.9#



#91

Benzo(a)pyrene

Concen: 2.128 ng/ul

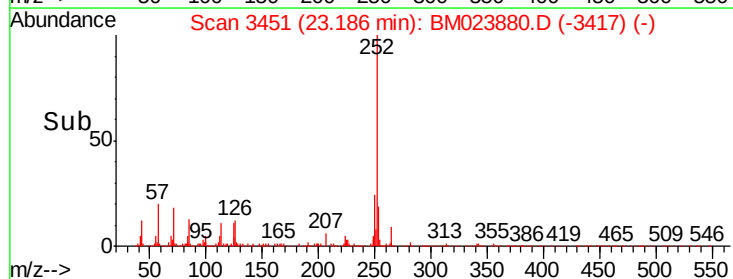
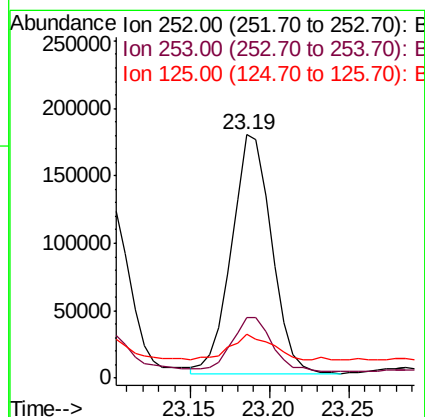
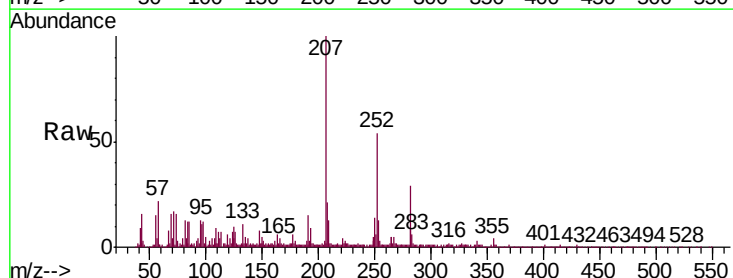
RT: 23.19 min Scan# 3451

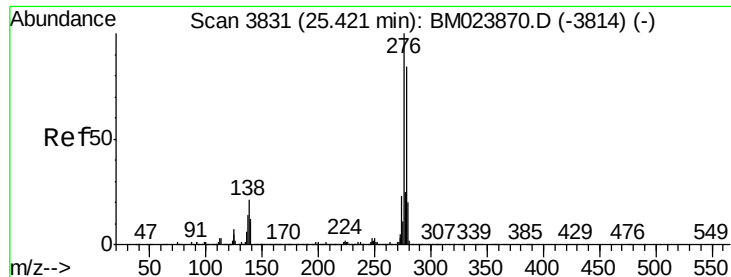
Delta R.T. -0.00 min

Lab File: BM023880.D

Acq: 23 Nov 2019 05:08

Tgt Ion:	252	Resp:	309138
Ion	Ratio	Lower	Upper
252	100		
253	25.0	17.3	25.9
125	18.0	6.9	10.3#





#92

Indeno(1,2,3-cd)pyrene

Concen: 1.559 ng/ul

RT: 25.42 min Scan# 3831

Delta R.T. -0.00 min

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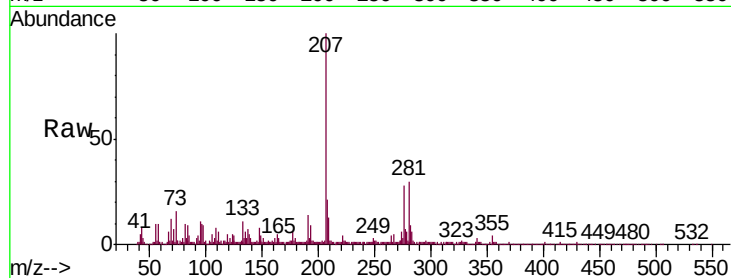
Tgt Ion:276 Resp: 242242

Ion Ratio Lower Upper

276 100

138 18.8 15.0 22.4

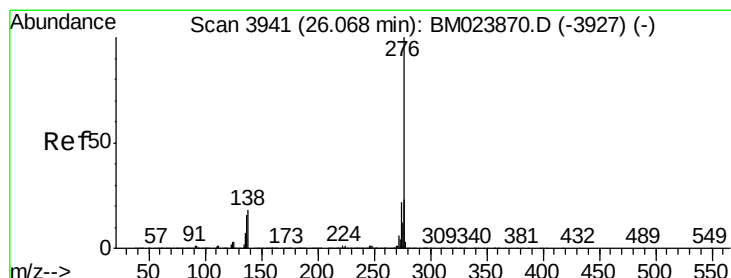
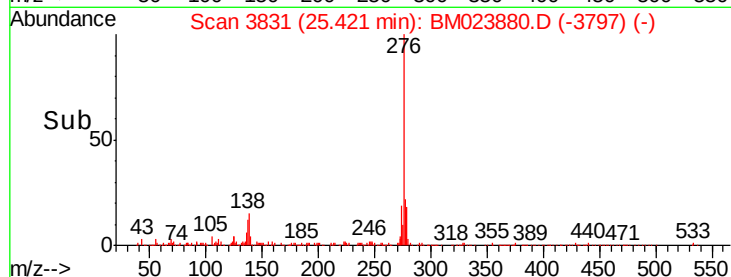
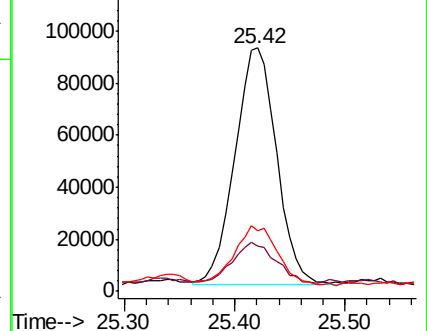
277 24.8 20.0 30.0



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



#94

Benzo(g,h,i)perylene

Concen: 2.044 ng/ul

RT: 26.07 min Scan# 3942

Delta R.T. 0.01 min

Lab File: BM023880.D

Acq: 23 Nov 2019 05:08

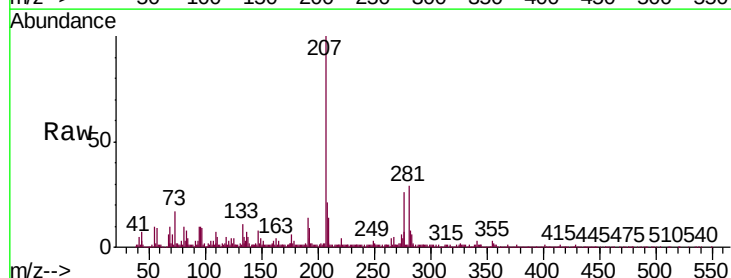
Tgt Ion:276 Resp: 257360

Ion Ratio Lower Upper

276 100

138 20.6 13.2 19.8#

277 27.9 18.6 28.0



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

