

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM112119\
 Data File : BM023830.D
 Acq On : 21 Nov 2019 15:43
 Operator : JU
 Sample : K5851-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AA3

Quant Time: Nov 21 16:31:07 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Nov 21 16:09:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	315334	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.29	136	1295044	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.17	164	794638	20.00	ng/ul	-0.01
62) Phenanthrene-d10	16.92	188	1707271	20.00	ng/ul	0.00
78) Chrysene-d12	21.13	240	1709279	20.00	ng/ul	0.00
86) Perylene-d12	23.28	264	2068820	20.00	ng/ul	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	3.06	96	25066	3.28	ng/uL	0.00
5) Phenol-d5	6.70	99	534812	18.61	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.86	67	307221	18.60	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.05	132	421965	20.26	ng/ul	0.00
13) 4-Methylphenol-d8	8.23	113	380981	16.61	ng/ul	-0.01
19) Nitrobenzene-d5	8.66	128	200272	21.60	ng/ul	0.00
22) 2-Nitrophenol-d4	9.38	143	223627	22.95	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.92	165	423739	19.07	ng/ul	0.00
29) 4-Chloroaniline-d4	10.43	131	419373	17.19	ng/ul	0.00
44) Dimethylphthalate-d6	13.59	166	1252641	20.21	ng/ul	0.00
47) Acenaphthylene-d8	13.86	160	1496003	21.15	ng/ul	0.00
52) 4-Nitrophenol-d4	14.40	143	154578	14.61	ng/ul	0.00
58) Fluorene-d10	15.17	176	1152508	21.06	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.31	200	125368	12.69	ng/ul	0.00
71) Anthracene-d10	17.02	188	1810002	22.35	ng/ul	0.00
79) Pyrene-d10	19.33	212	2032360	22.80	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.14	264	2437347	22.39	ng/ul	-0.01

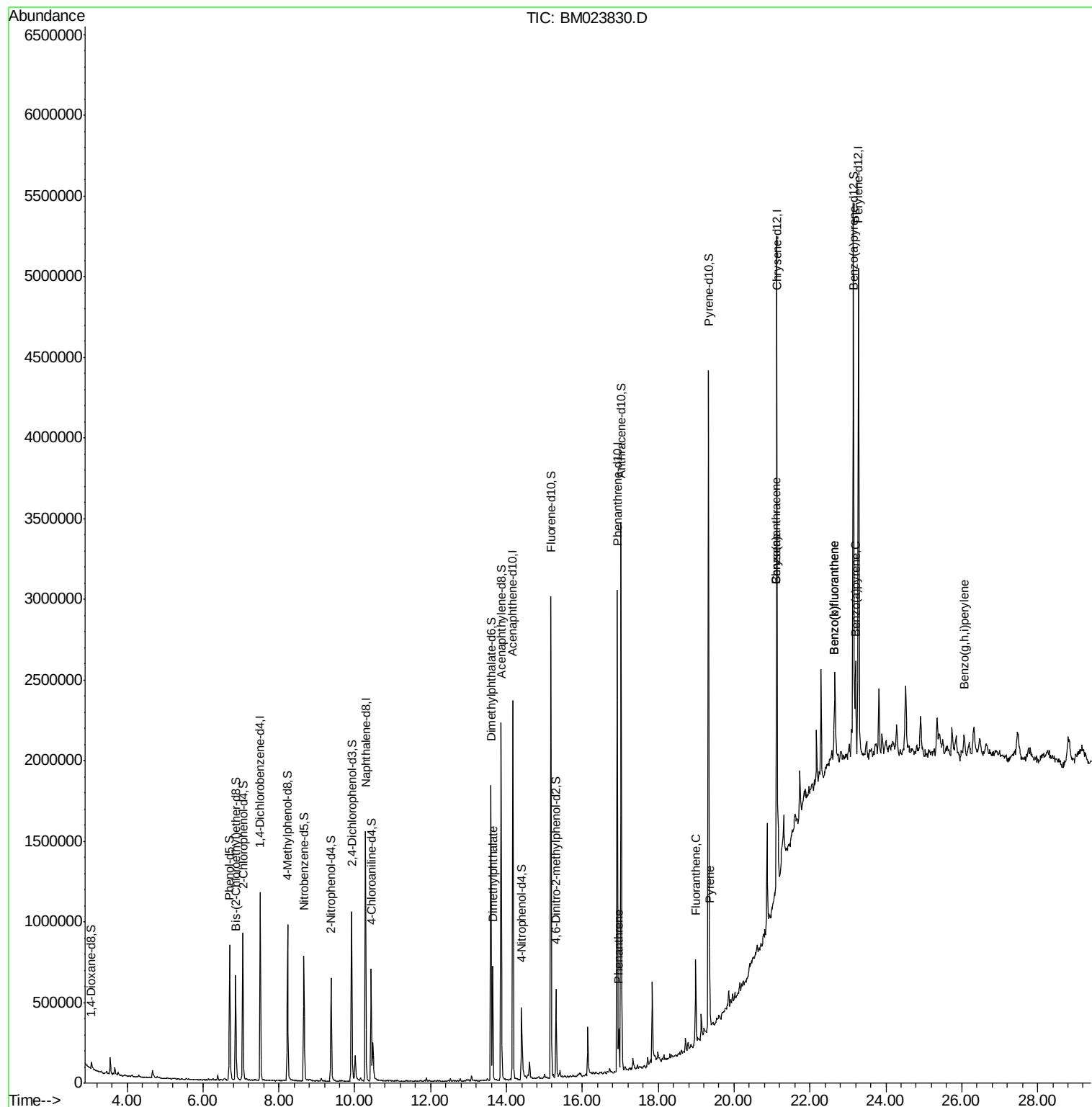
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
45) Dimethylphthalate	13.64	163	464626	7.651	ng/ul	100
70) Phenanthrene	16.96	178	149681	1.592	ng/ul	98
77) Fluoranthene	18.99	202	311587	3.093	ng/ul#	96
80) Pyrene	19.36	202	277110	2.508	ng/ul	97
83) Benzo(a)anthracene	21.11	228	128677	1.141	ng/ul	92
85) Chrysene	21.11	228	131687	1.241	ng/ul	95
88) Benzo(b)fluoranthene	22.64	252	189642	1.438	ng/ul#	87
89) Benzo(k)fluoranthene	22.64	252	189642	1.493	ng/ul#	85
91) Benzo(a)pyrene	23.19	252	135445	1.122	ng/ul#	83
94) Benzo(g,h,i)perylene	26.07	276	119557	1.143	ng/ul#	89

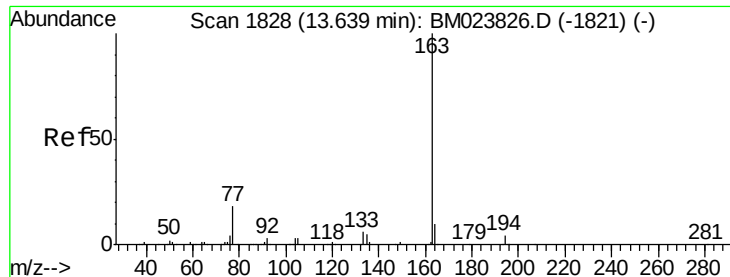
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#45

Dimethylphthalate

Concen: 7.651 ng/ul

RT: 13.64 min Scan# 1828

Delta R.T. -0.01 min

Lab File: BM023830.D

Acq: 21 Nov 2019 15:43

Instrument :

BNA_M

ClientSampleId :

C0AA3

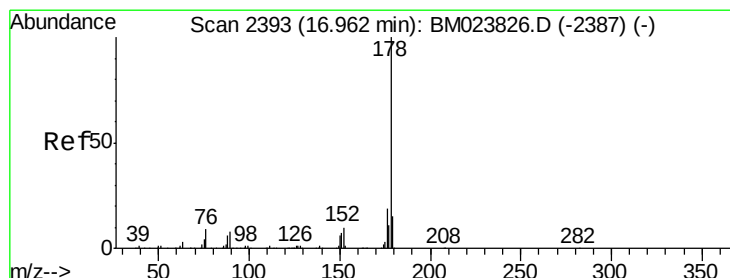
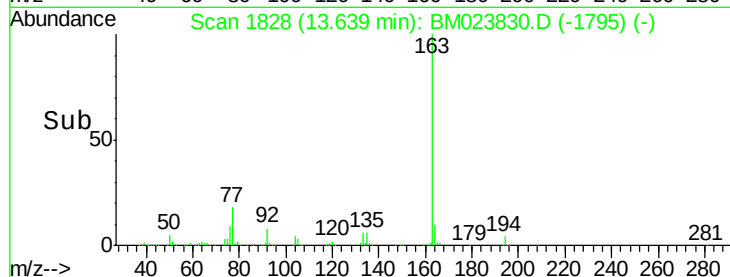
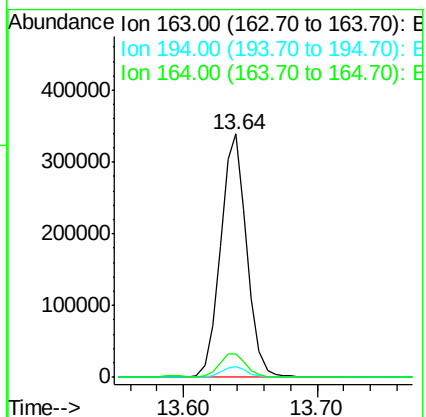
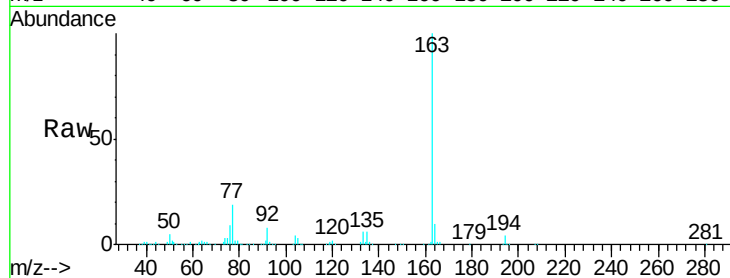
Tgt Ion:163 Resp: 464626

Ion Ratio Lower Upper

163 100

194 4.4 3.4 5.2

164 9.8 8.0 12.0



#70

Phenanthrene

Concen: 1.592 ng/ul

RT: 16.96 min Scan# 2393

Delta R.T. -0.01 min

Lab File: BM023830.D

Acq: 21 Nov 2019 15:43

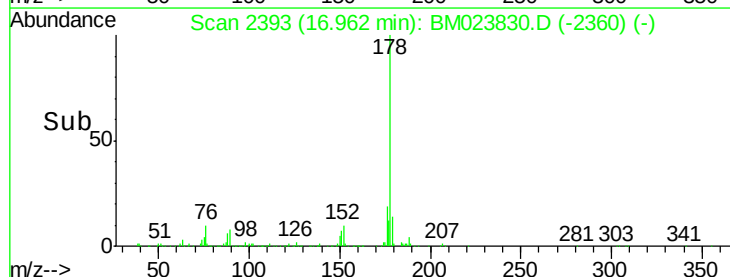
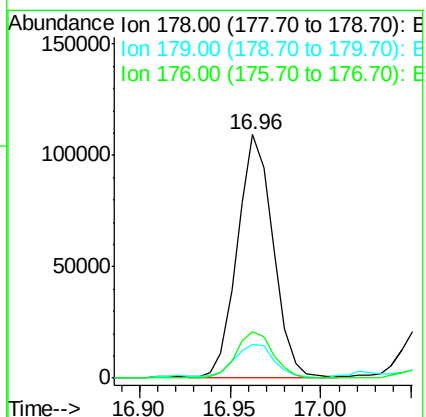
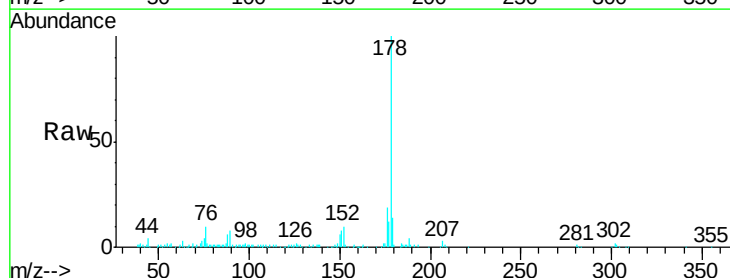
Tgt Ion:178 Resp: 149681

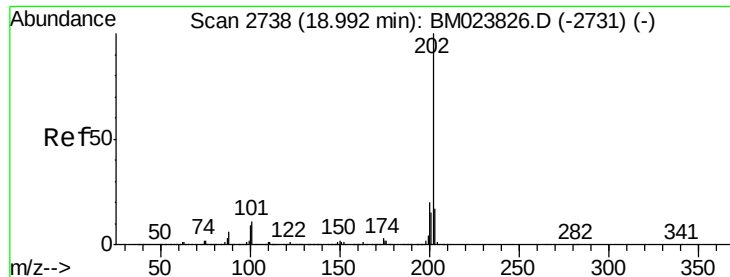
Ion Ratio Lower Upper

178 100

179 14.1 12.3 18.5

176 18.9 15.0 22.6

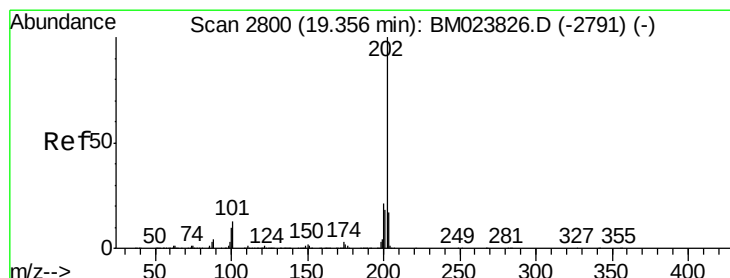
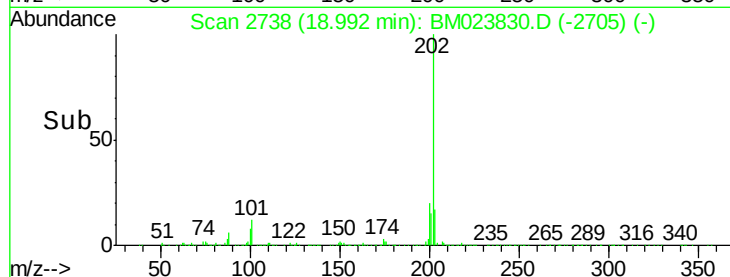
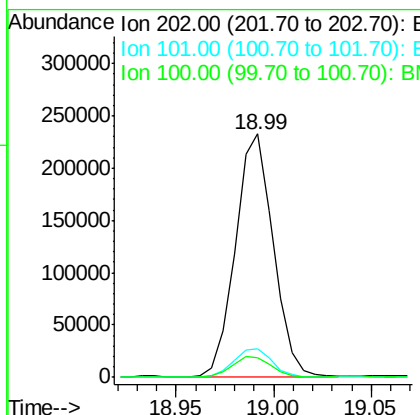
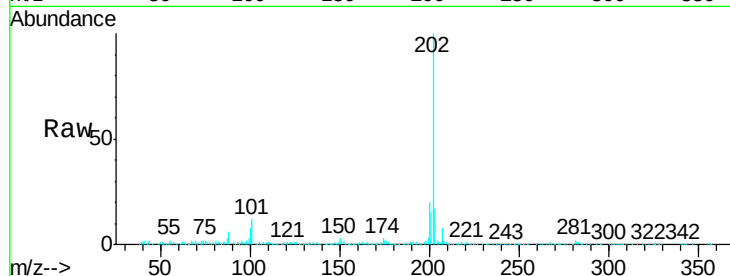




#77
 Fluoranthene
 Concen: 3.093 ng/ul
 RT: 18.99 min Scan# 2738
 Delta R.T. -0.01 min
 Lab File: BM023830.D
 Acq: 21 Nov 2019 15:43

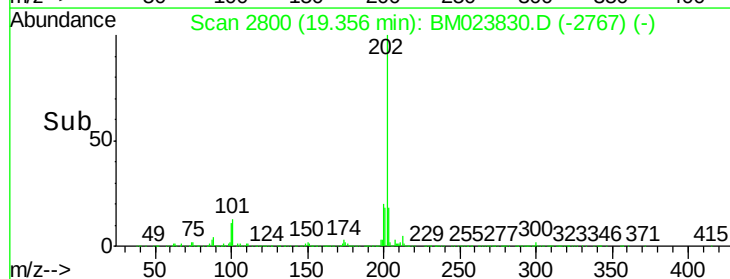
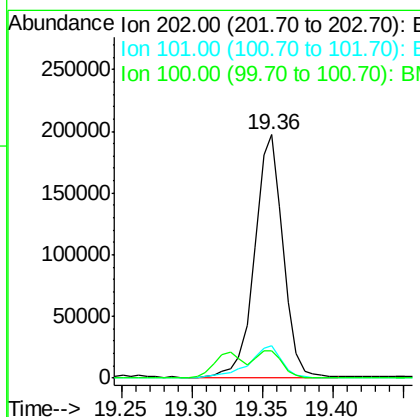
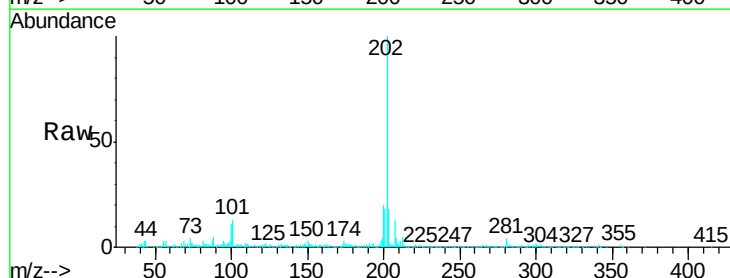
Instrument :
 BNA_M
 ClientSampleId :
 C0AA3

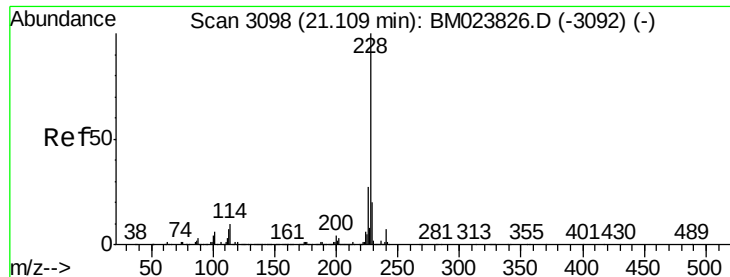
Tgt Ion	Ratio	Resp	Lower	Upper
202	100	311587		
101	11.8	7.7	11.5#	
100	8.3	6.0	9.0	



#80
 Pyrene
 Concen: 2.508 ng/ul
 RT: 19.36 min Scan# 2800
 Delta R.T. -0.01 min
 Lab File: BM023830.D
 Acq: 21 Nov 2019 15:43

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	277110		
101	13.5	9.8	14.6	
100	11.0	8.1	12.1	





#83

Benzo(a)anthracene

Concen: 1.141 ng/ul

RT: 21.11 min Scan# 3098

Delta R.T. -0.01 min

Lab File: BM023830.D

Acq: 21 Nov 2019 15:43

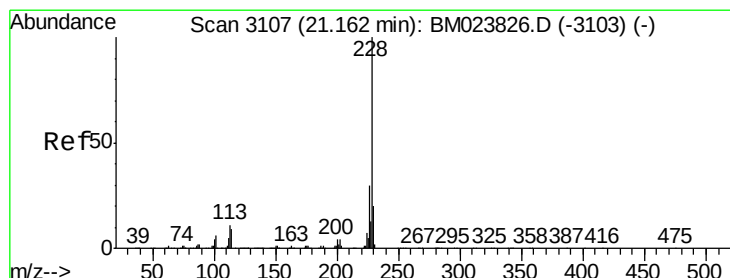
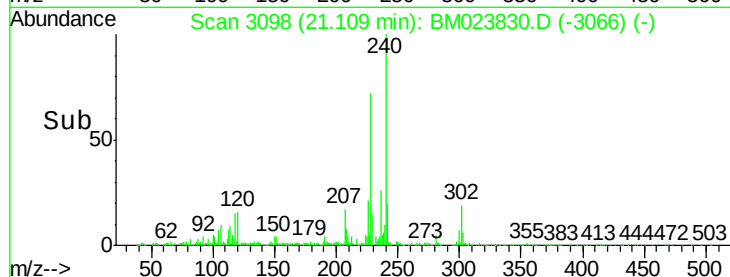
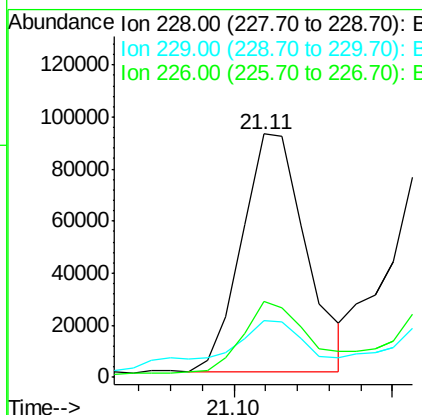
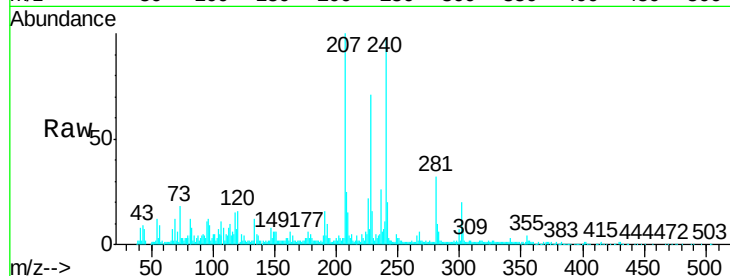
Instrument :

BNA_M

ClientSampleId :

C0AA3

Tgt Ion:	228	Resp:	128677
Ion	Ratio	Lower	Upper
228	100		
229	23.3	15.6	23.4
226	31.1	21.4	32.2



#85

Chrysene

Concen: 1.241 ng/ul

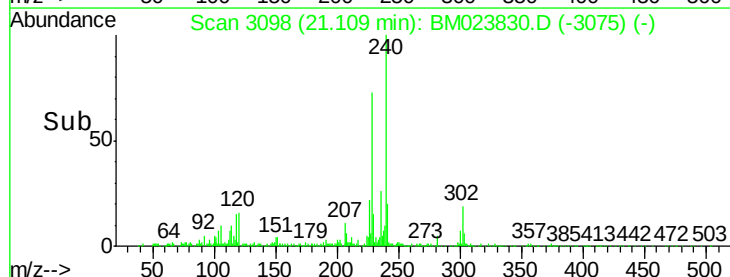
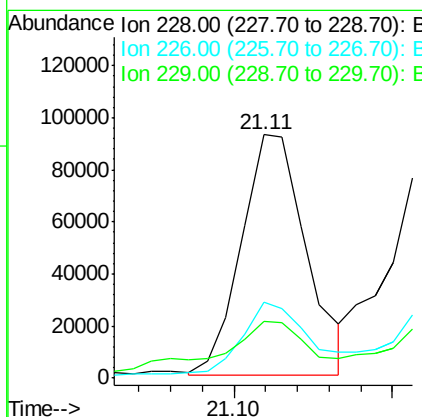
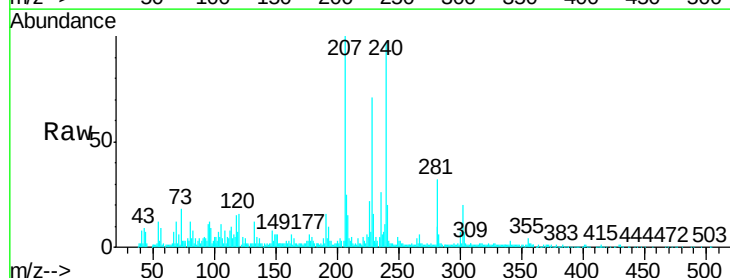
RT: 21.11 min Scan# 3098

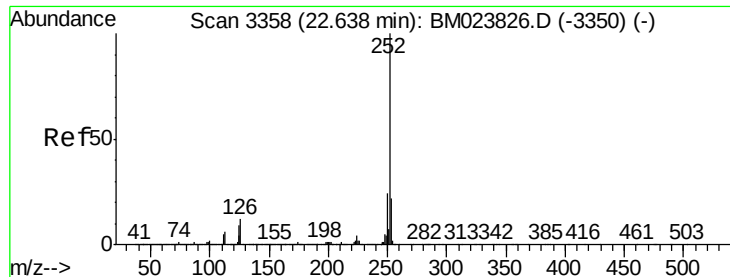
Delta R.T. -0.06 min

Lab File: BM023830.D

Acq: 21 Nov 2019 15:43

Tgt Ion:	228	Resp:	131687
Ion	Ratio	Lower	Upper
228	100		
226	31.1	23.8	35.8
229	23.3	15.8	23.6





#88

Benzo(b)fluoranthene

Concen: 1.438 ng/ul

RT: 22.64 min Scan# 3359

Delta R.T. -0.01 min

Lab File: BM023830.D

Acq: 21 Nov 2019 15:43

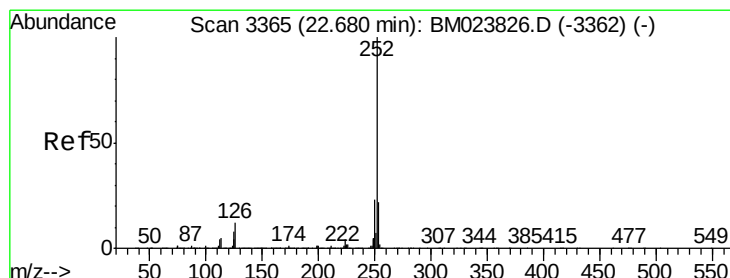
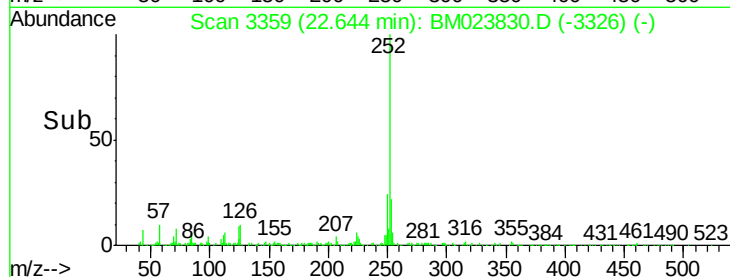
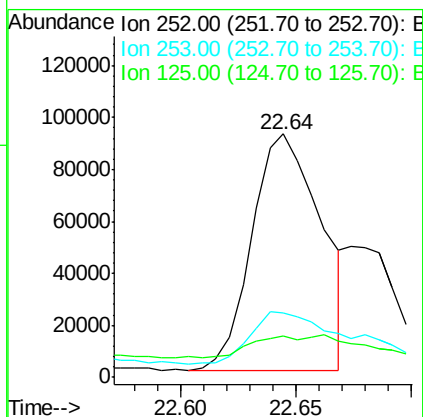
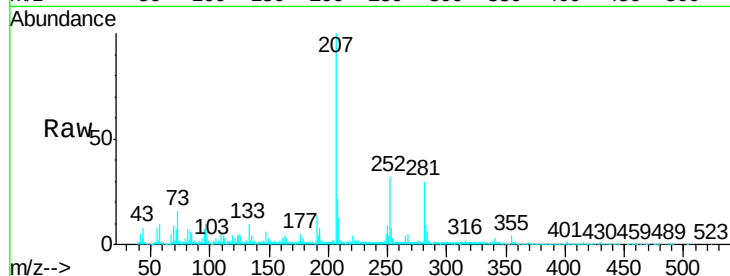
Instrument :

BNA_M

ClientSampleId :

C0AA3

Tgt Ion:	252	Resp:	189642
Ion Ratio	Lower	Upper	
252	100		
253	26.4	17.8	26.8
125	17.0	6.5	9.7#



#89

Benzo(k)fluoranthene

Concen: 1.493 ng/ul

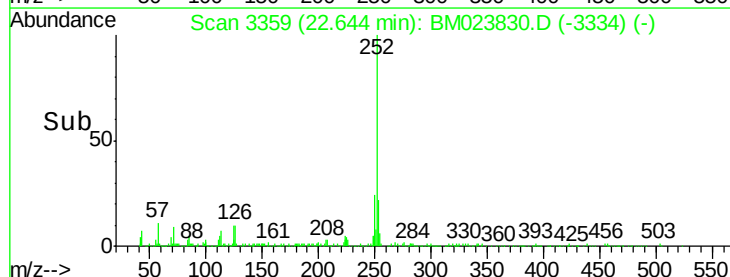
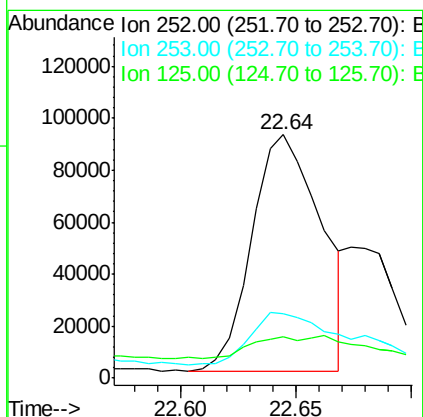
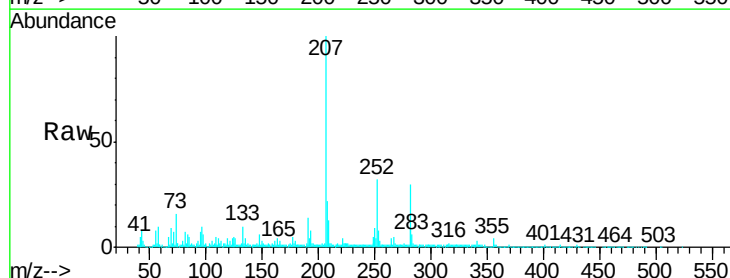
RT: 22.64 min Scan# 3359

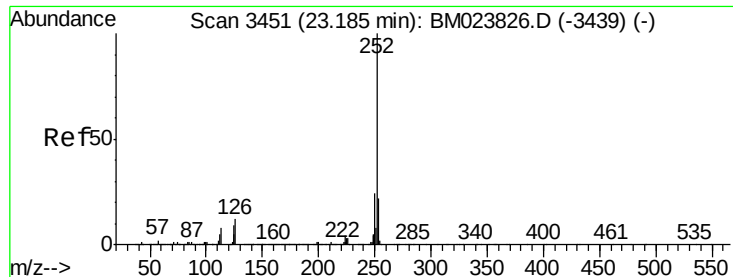
Delta R.T. -0.05 min

Lab File: BM023830.D

Acq: 21 Nov 2019 15:43

Tgt Ion:	252	Resp:	189642
Ion Ratio	Lower	Upper	
252	100		
253	26.4	17.2	25.8#
125	17.0	5.9	8.9#





#91

Benzo(a)pyrene

Concen: 1.122 ng/ul

RT: 23.19 min Scan# 3451

Delta R.T. -0.01 min

Lab File: BM023830.D

Acq: 21 Nov 2019 15:43

Instrument :

BNA_M

ClientSampleId :

C0AA3

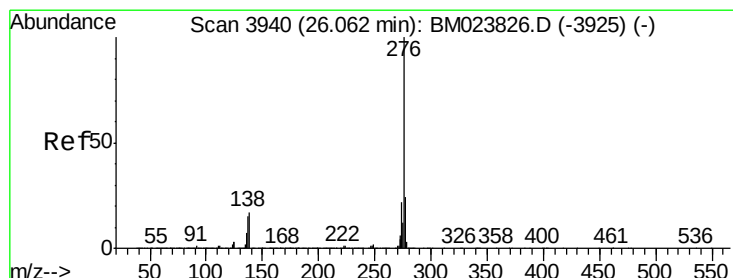
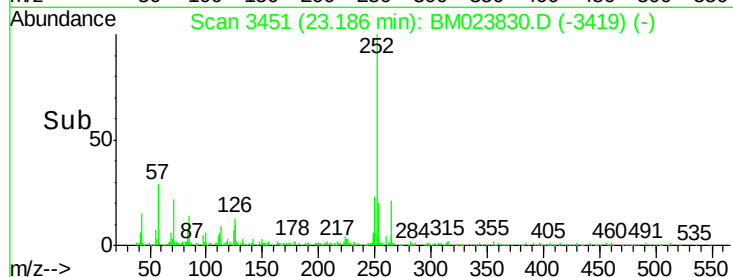
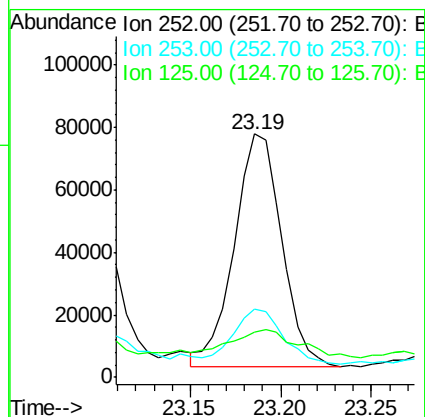
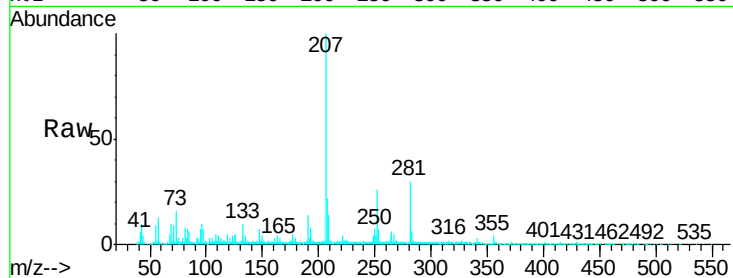
Tgt Ion:252 Resp: 135445

Ion Ratio Lower Upper

252 100

253 27.9 17.3 25.9#

125 18.6 6.9 10.3#



#94

Benzo(g,h,i)perylene

Concen: 1.143 ng/ul

RT: 26.07 min Scan# 3941

Delta R.T. -0.02 min

Lab File: BM023830.D

Acq: 21 Nov 2019 15:43

Tgt Ion:276 Resp: 119557

Ion Ratio Lower Upper

276 100

138 22.6 13.2 19.8#

277 27.9 18.6 28.0

