

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100819\
 Data File : BM023109.D
 Acq On : 10 Oct 2019 07:41
 Operator : JU
 Sample : K5177-19
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BEPC8

Quant Time: Oct 17 09:55:39 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 08 15:02:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	171678	20.00	ng/ul	0.00
18) Naphthalene-d8	10.56	136	687482	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.40	164	386732	20.00	ng/ul	-0.01
62) Phenanthrene-d10	17.14	188	750068	20.00	ng/ul	0.00
78) Chrysene-d12	21.33	240	769347	20.00	ng/ul	0.00
86) Perylene-d12	23.57	264	895671	20.00	ng/ul	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	3.25	96	12667	3.19	ng/uL	0.00
5) Phenol-d5	6.94	99	227529	15.00	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.10	67	143718	17.31	ng/ul	0.00
9) 2-Chlorophenol-d4	7.30	132	208292	17.05	ng/ul	0.00
13) 4-Methylphenol-d8	8.47	113	115890	9.33	ng/ul	-0.01
19) Nitrobenzene-d5	8.92	128	101233	19.08	ng/ul	0.00
22) 2-Nitrophenol-d4	9.64	143	108074	18.65	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.18	165	190583	16.52	ng/ul	0.00
29) 4-Chloroaniline-d4	10.69	131	214155	15.28	ng/ul	0.00
44) Dimethylphthalate-d6	13.82	166	570283	19.00	ng/ul	0.00
47) Acenaphthylene-d8	14.10	160	673898	19.45	ng/ul	0.00
52) 4-Nitrophenol-d4	14.60	143	63812	10.76	ng/ul	0.00
58) Fluorene-d10	15.40	176	490605	19.18	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.52	200	51324	10.51	ng/ul	0.00
71) Anthracene-d10	17.24	188	718451	19.61	ng/ul	0.00
79) Pyrene-d10	19.54	212	878642	21.22	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.43	264	1015468	21.92	ng/ul	-0.01

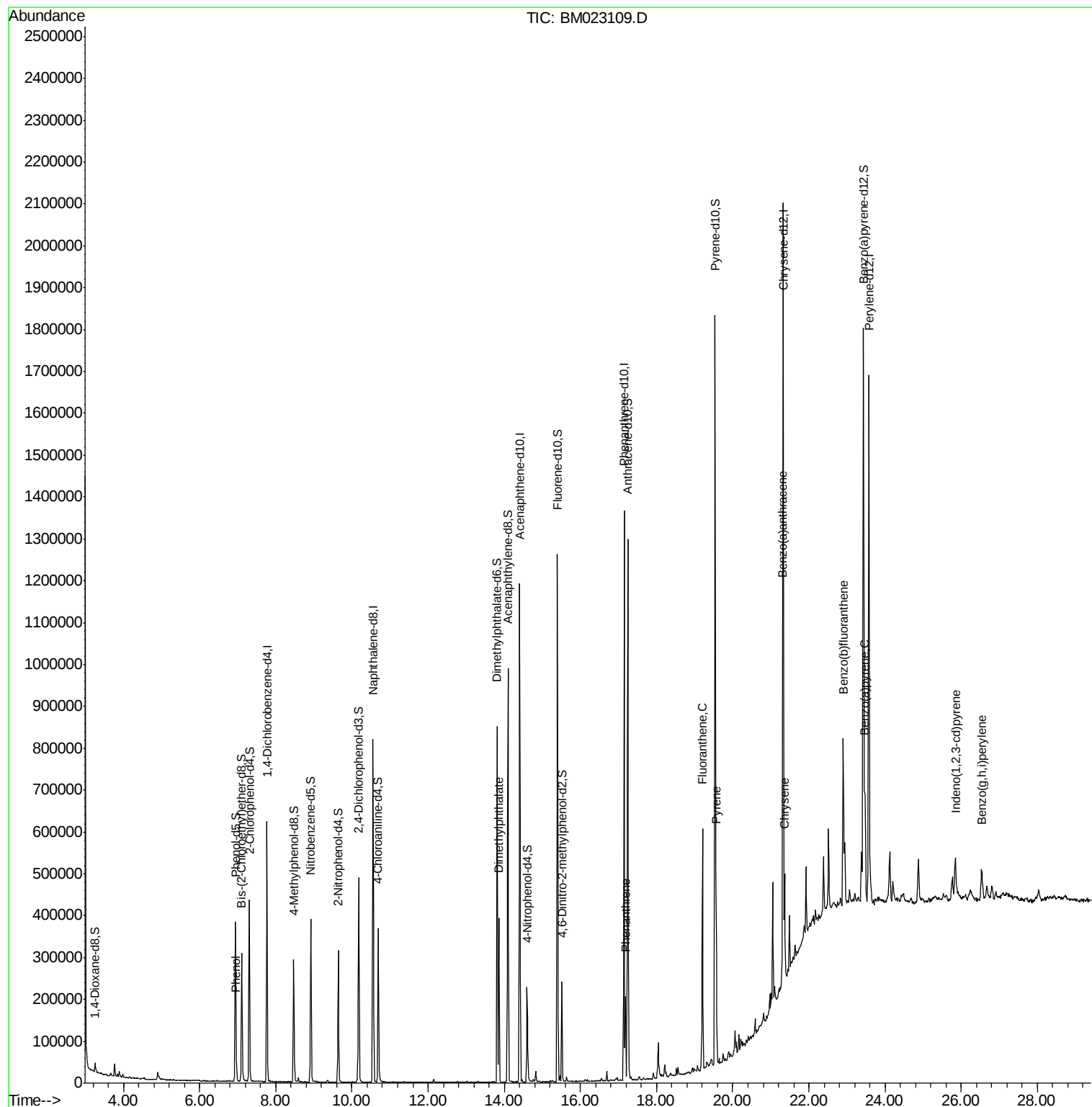
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
6) Phenol	6.96	94	28197	1.773	ng/ul	96
45) Dimethylphthalate	13.86	163	258195	8.374	ng/ul	99
70) Phenanthrene	17.19	178	114927	2.567	ng/ul	99
77) Fluoranthene	19.20	202	322044	6.396	ng/ul	100
80) Pyrene	19.57	202	260688	4.780	ng/ul	99
83) Benzo(a)anthracene	21.31	228	118532	2.146	ng/ul	97
85) Chrysene	21.36	228	136636	2.683	ng/ul	97
88) Benzo(b)fluoranthene	22.90	252	197075	3.316	ng/ul	98
91) Benzo(a)pyrene	23.48	252	123175	2.209	ng/ul	96
92) Indeno(1,2,3-cd)pyrene	25.84	276	93243	1.574	ng/ul#	94
94) Benzo(g,h,i)perylene	26.54	276	85691	1.793	ng/ul	99

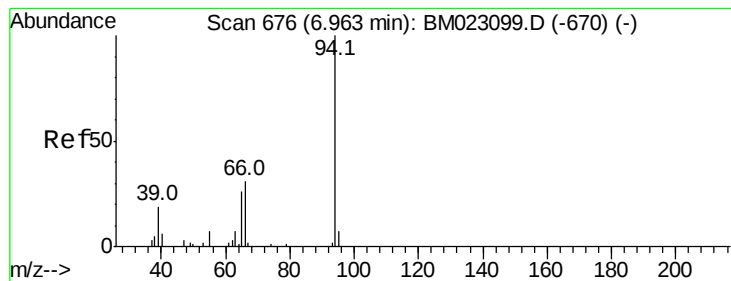
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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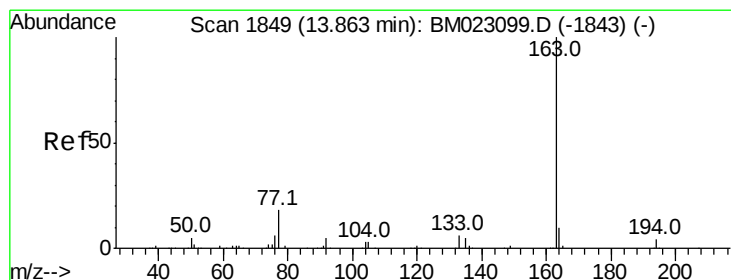
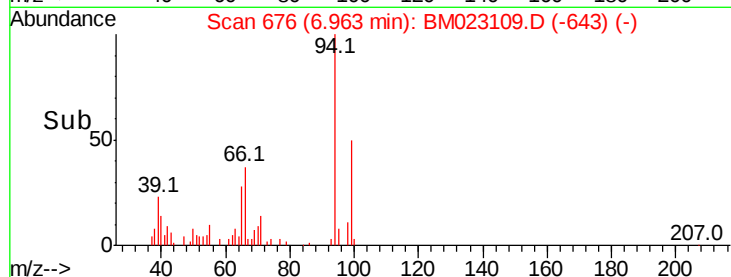
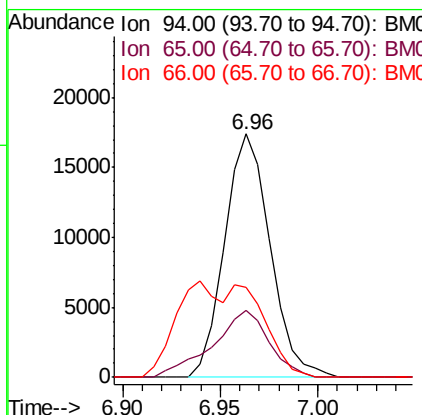
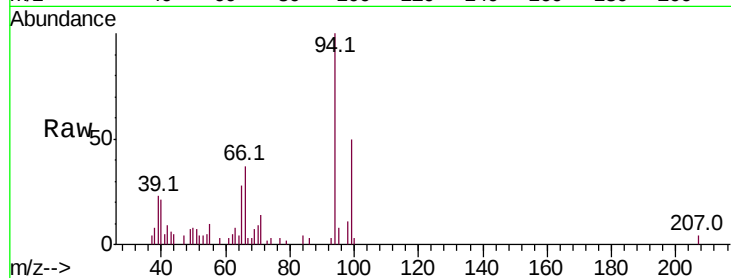
#6

Phenol

Concen: 1.773 ng/ul
 RT: 6.96 min Scan# 676
 Delta R.T. -0.01 min
 Lab File: BM023109.D
 Acq: 10 Oct 2019 07:41

Instrument :
 BNA_M
 ClientSampleId :
 BEPC8

Tot Ion: 94 Resp: 28197
 Ion Ratio Lower Upper
 94 100
 65 27.6 20.9 31.3
 66 36.9 27.2 40.8

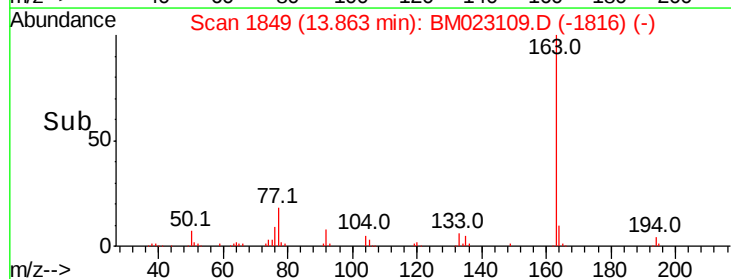
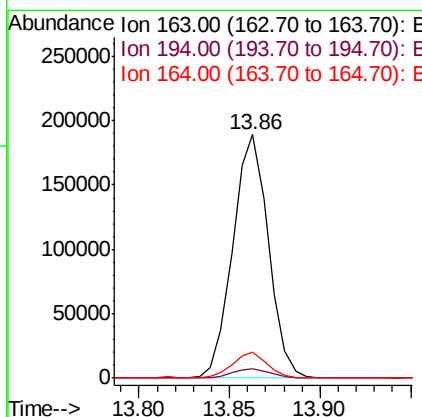
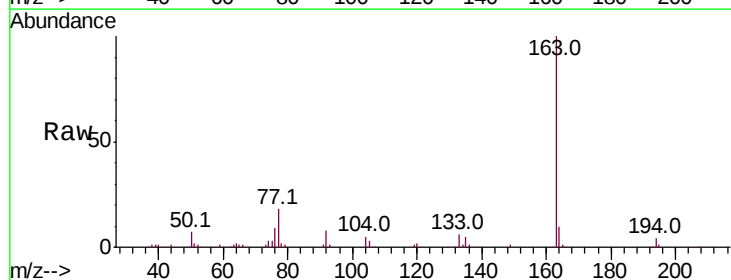


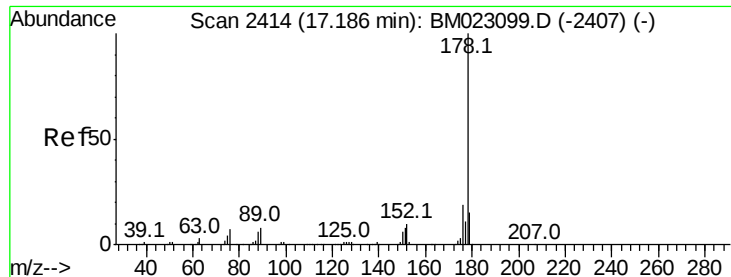
#45

Dimethylphthalate

Concen: 8.374 ng/ul
 RT: 13.86 min Scan# 1849
 Delta R.T. -0.01 min
 Lab File: BM023109.D
 Acq: 10 Oct 2019 07:41

Tgt Ion: 163 Resp: 258195
 Ion Ratio Lower Upper
 163 100
 194 4.1 3.4 5.0
 164 10.4 8.1 12.1

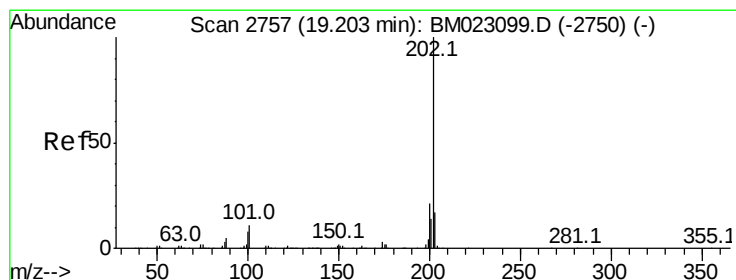
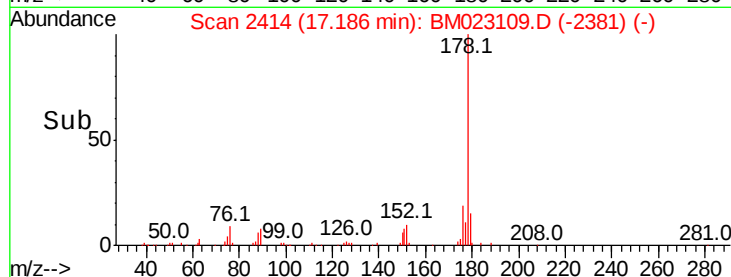
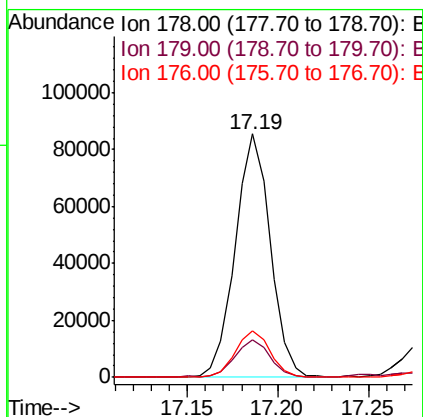
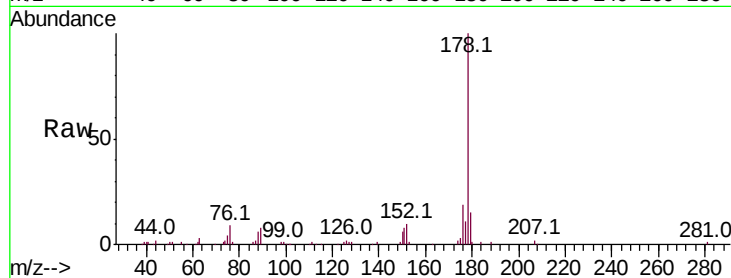




#70
Phenanthrene
Concen: 2.567 ng/ul
RT: 17.19 min Scan# 2414
Delta R.T. -0.01 min
Lab File: BM023109.D
Acq: 10 Oct 2019 07:41

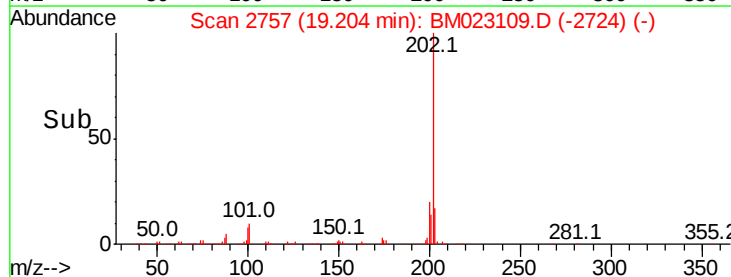
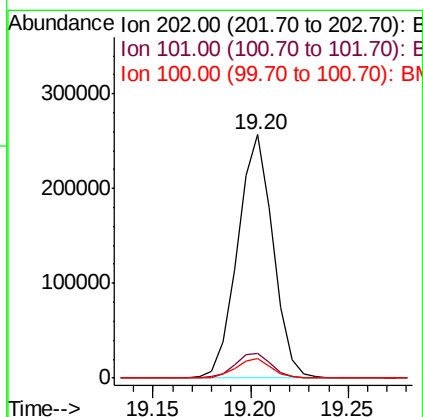
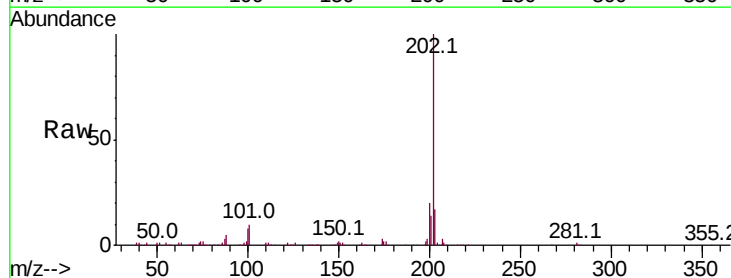
Instrument :
BNA_M
ClientSampleId :
BEPC8

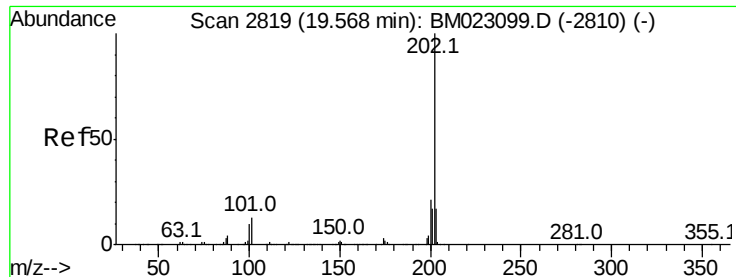
Tot Ion:178 Resp: 114927
Ion Ratio Lower Upper
178 100
179 15.2 12.4 18.6
176 18.9 15.3 22.9



#77
Fluoranthene
Concen: 6.396 ng/ul
RT: 19.20 min Scan# 2757
Delta R.T. -0.01 min
Lab File: BM023109.D
Acq: 10 Oct 2019 07:41

Tgt Ion:202 Resp: 322044
Ion Ratio Lower Upper
202 100
101 10.4 8.6 12.8
100 8.0 6.4 9.6

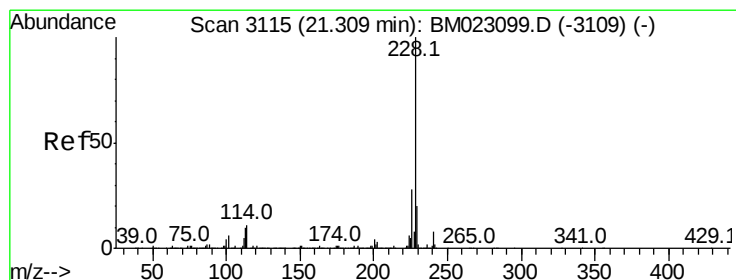
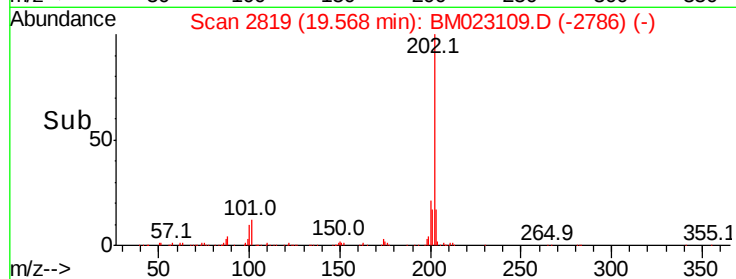
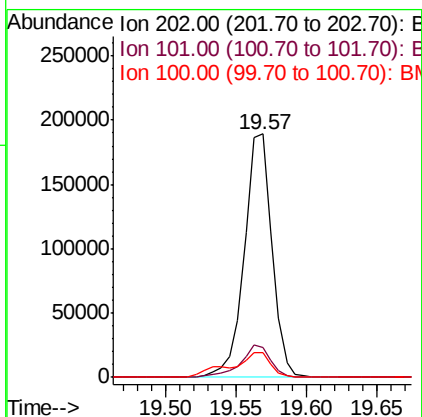
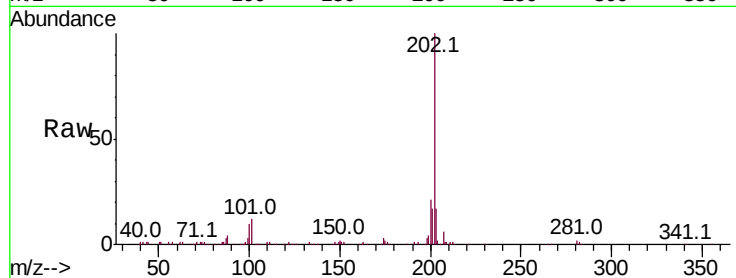




#80
Pvrene
Concen: 4.780 ng/ul
RT: 19.57 min Scan# 2819
Delta R.T. -0.01 min
Lab File: BM023109.D
Acq: 10 Oct 2019 07:41

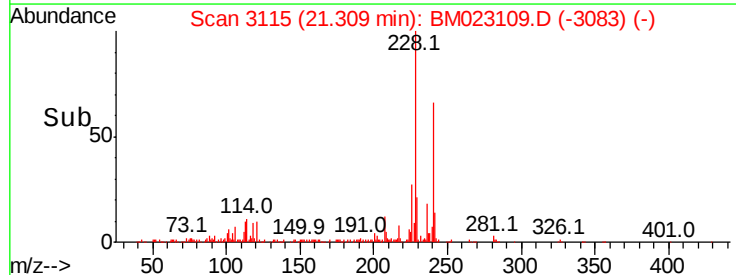
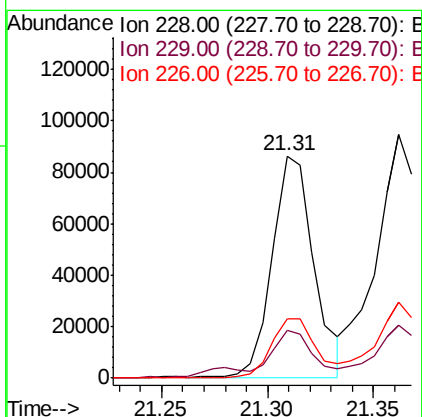
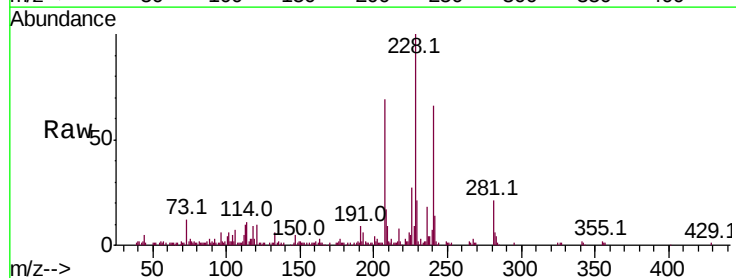
Instrument :
BNA_M
ClientSampleId :
BEPC8

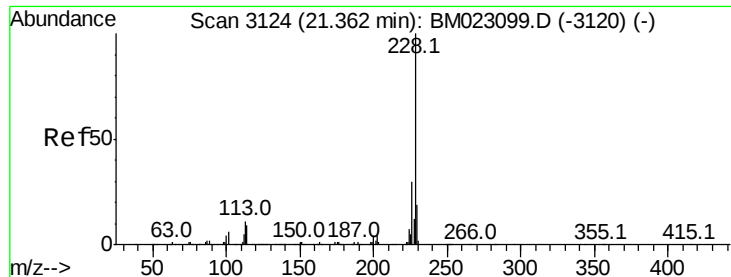
Tot Ion	Ratio	Lower	Upper
202	100		
101	12.3	9.7	14.5
100	10.2	7.8	11.8



#83
Benzo(a)anthracene
Concen: 2.146 ng/ul
RT: 21.31 min Scan# 3115
Delta R.T. -0.01 min
Lab File: BM023109.D
Acq: 10 Oct 2019 07:41

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.5	15.8	23.8
226	26.7	22.4	33.6

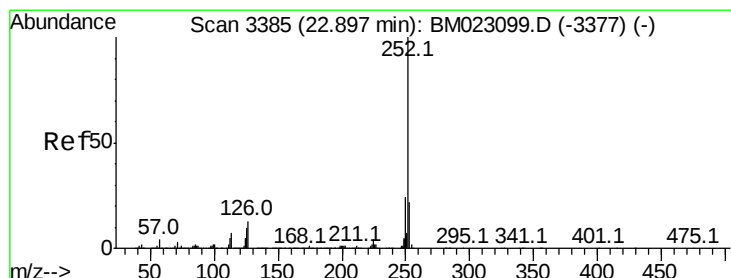
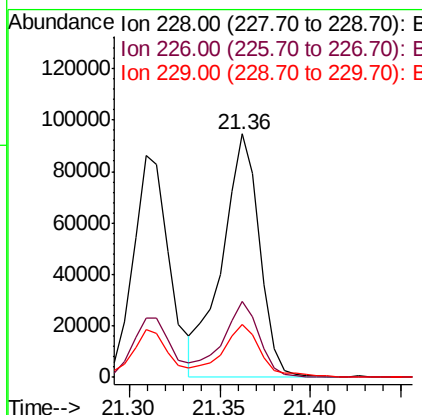
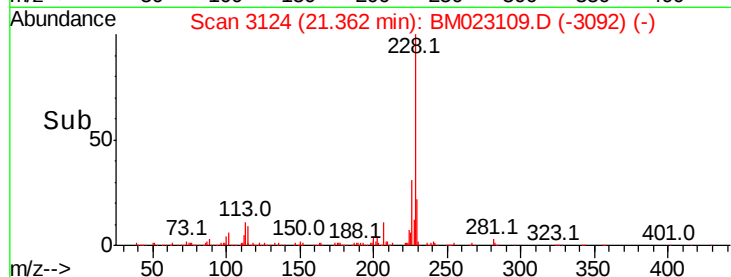
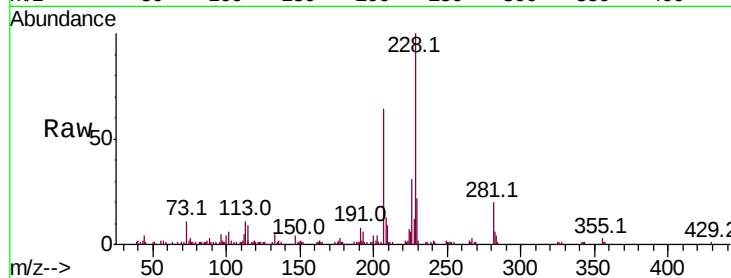




#85
Chrysene
Concen: 2.683 ng/ul
RT: 21.36 min Scan# 3124
Delta R.T. -0.01 min
Lab File: BM023109.D
Acq: 10 Oct 2019 07:41

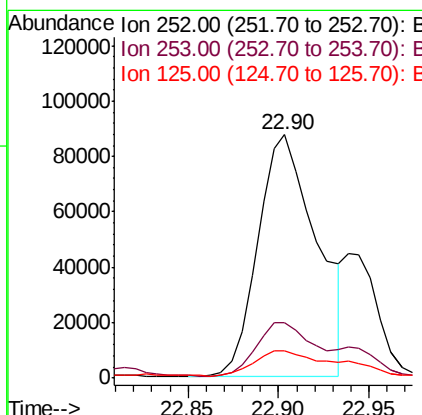
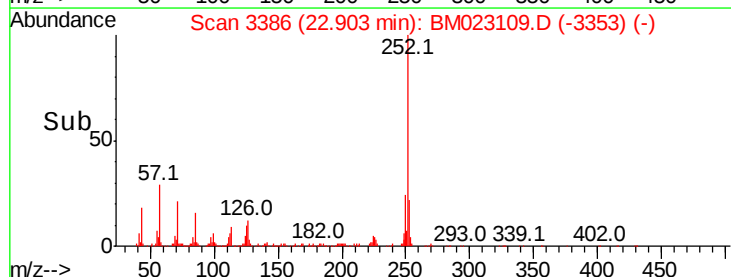
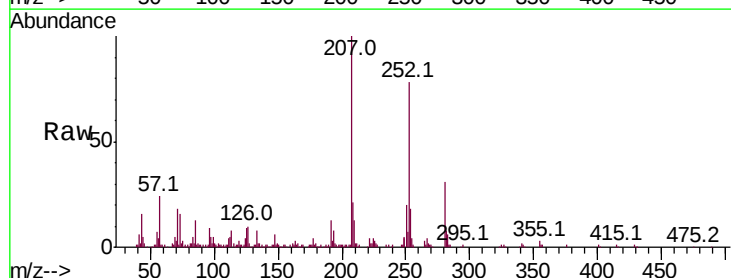
Instrument :
BNA_M
ClientSampleId :
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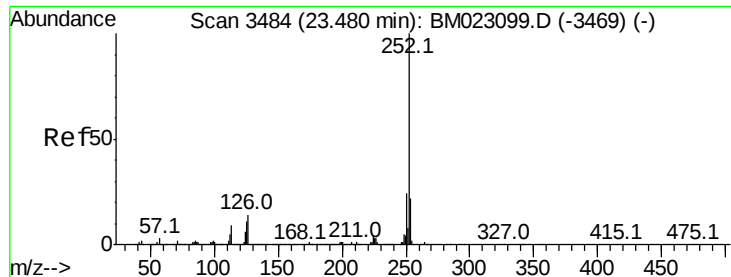
Tot	Ion:228	Resp:	136636
Ion	Ratio	Lower	Upper
228	100		
226	31.3	24.2	36.4
229	21.9	15.9	23.9



#88
Benzo(b)fluoranthene
Concen: 3.316 ng/ul
RT: 22.90 min Scan# 3386
Delta R.T. -0.01 min
Lab File: BM023109.D
Acq: 10 Oct 2019 07:41

Tgt Ion:252	Resp: 197075
Ion Ratio	Lower Upper
252 100	
253 22.5	17.7 26.5
125 11.4	8.2 12.2





#91

Benzo(a)pyrene

Concen: 2.209 ng/ul

RT: 23.48 min Scan# 3484

Delta R.T. -0.01 min

Lab File: BM023109.D

Acq: 10 Oct 2019 07:41

Instrument :

BNA_M

ClientSampleId :

BEPC8

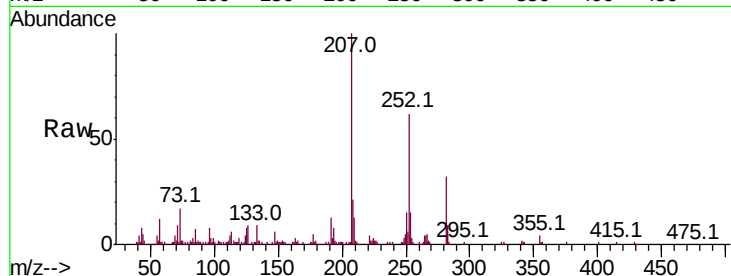
Tot Ion:252 Resp: 123175

Ion Ratio Lower Upper

252 100

253 23.4 17.6 26.4

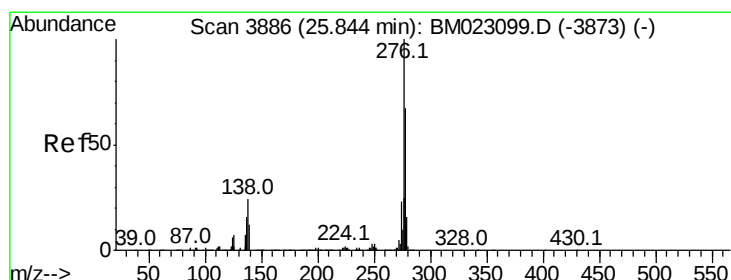
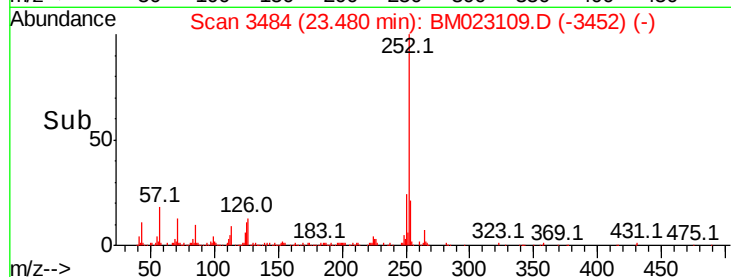
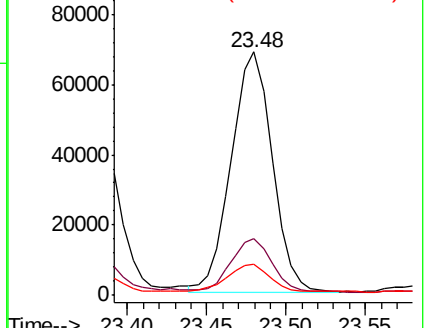
125 12.9 8.7 13.1



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: 1.574 ng/ul

RT: 25.84 min Scan# 3886

Delta R.T. -0.02 min

Lab File: BM023109.D

Acq: 10 Oct 2019 07:41

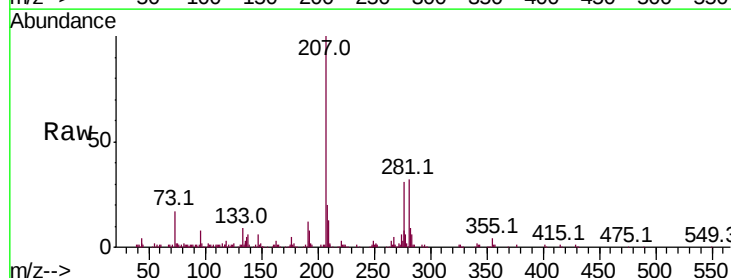
Tgt Ion:276 Resp: 93243

Ion Ratio Lower Upper

276 100

138 19.1 19.8 29.8#

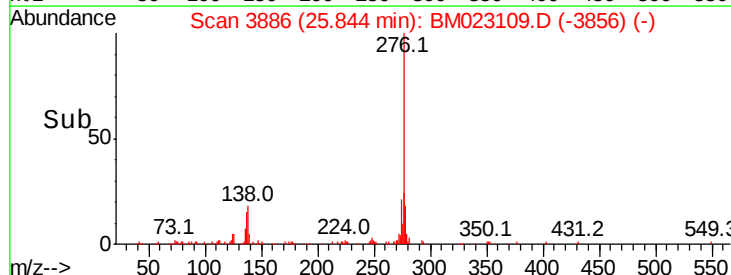
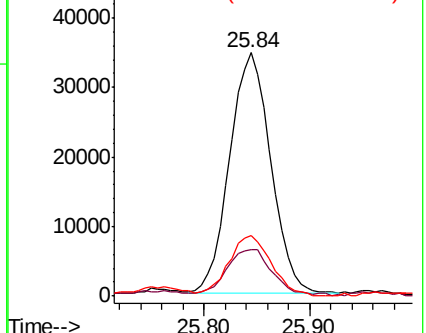
277 24.7 20.3 30.5

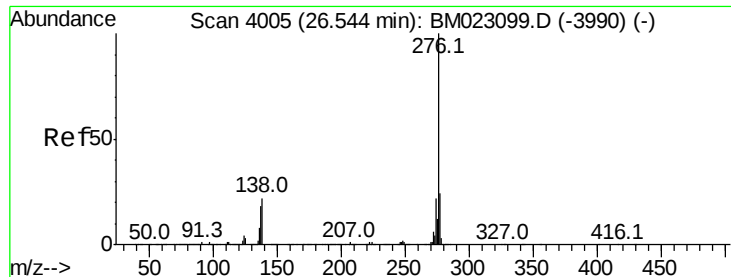


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#94

Benzo(a,h,i)perylene

Concen: 1.793 ng/ul

RT: 26.54 min Scan# 4004

Delta R.T. -0.03 min

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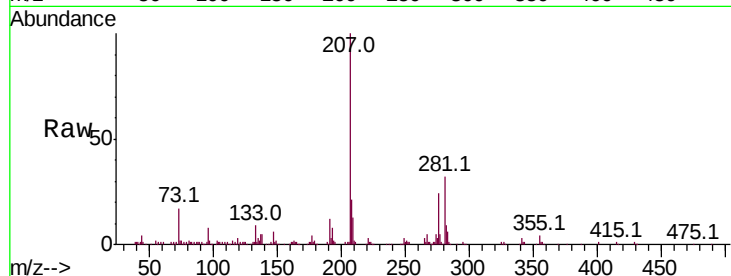
Tot Ion:276 Resp: 85691

Ion Ratio Lower Upper

276 100

138 22.0 17.6 26.4

277 22.8 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

