

Data File : BM023337.D
Acq On : 23 Oct 2019 02:07
Operator : JU
Sample : K5354-09
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BFB83

Quant Time: Oct 23 04:31:20 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 23 04:28:20 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	431199	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	1716366	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.29	164	1051731	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.04	188	2192134	20.00	ng/ul	0.00
78) Chrysene-d12	21.23	240	2265964	20.00	ng/ul	0.00
86) Perylene-d12	23.43	264	2733862	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.17	96	34604	3.53	ng/uL	0.00
5) Phenol-d5	6.82	99	641080	17.07	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.99	67	378516	17.81	ng/ul	0.00
9) 2-Chlorophenol-d4	7.18	132	535564	18.63	ng/ul	0.00
13) 4-Methylphenol-d8	8.35	113	487396	16.16	ng/ul	0.00
19) Nitrobenzene-d5	8.79	128	257396	22.17	ng/ul	0.00
22) 2-Nitrophenol-d4	9.51	143	279508	25.28	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.05	165	525483	18.69	ng/ul	0.00
29) 4-Chloroaniline-d4	10.56	131	513800	15.02	ng/ul	0.00
44) Dimethylphthalate-d6	13.71	166	1569517	19.47	ng/ul	0.00
47) Acenaphthylene-d8	13.98	160	1887459	19.97	ng/ul	0.00
52) 4-Nitrophenol-d4	14.50	143	183636	14.07	ng/ul	0.00
58) Fluorene-d10	15.29	176	1386936	20.20	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.41	200	147071	16.92	ng/ul	0.00
71) Anthracene-d10	17.14	188	2134053	20.19	ng/ul	0.00
79) Pyrene-d10	19.43	212	2425529	22.10	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.29	264	2930041	21.14	ng/ul	0.00

Target Compounds

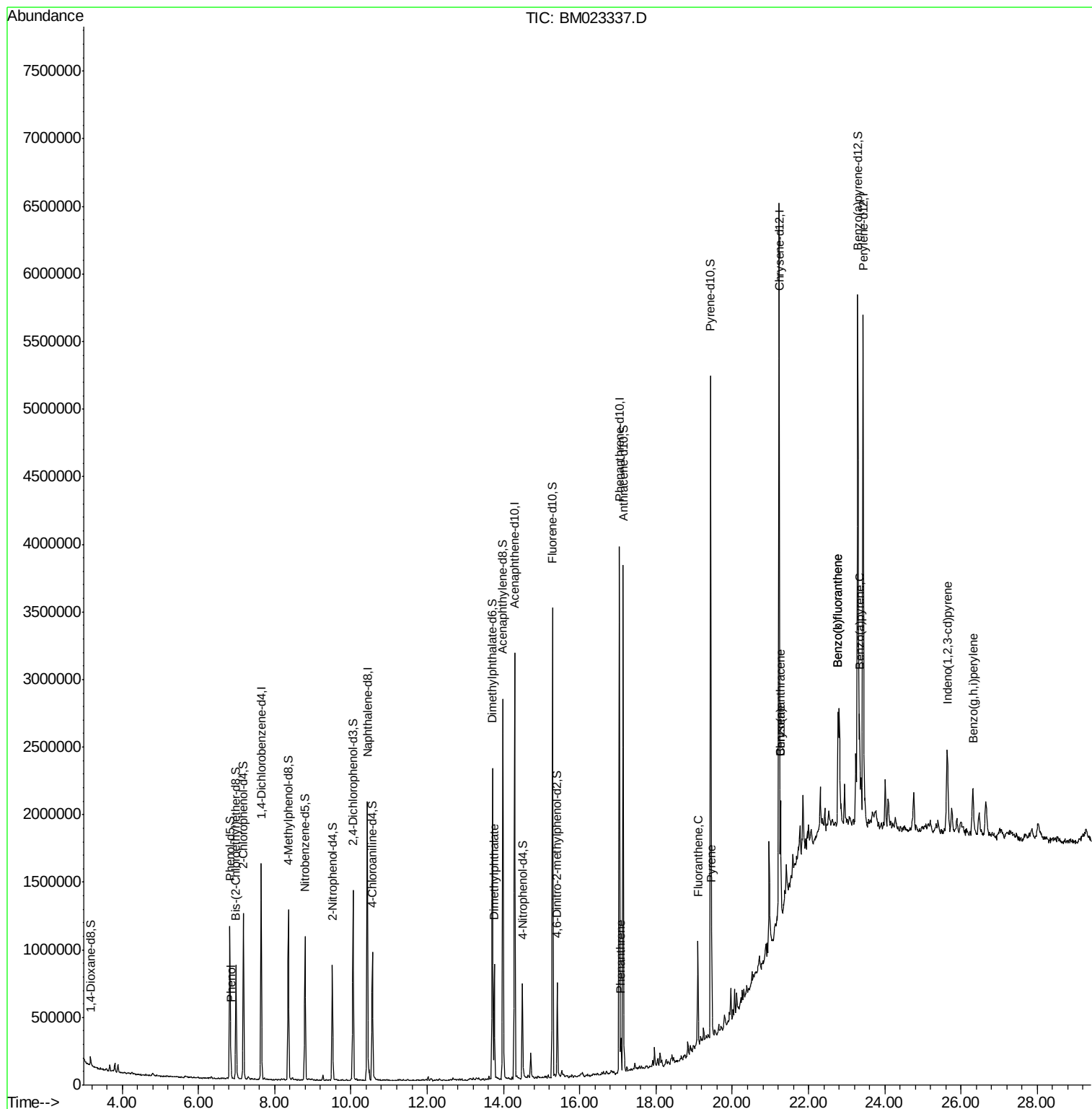
					Qvalue
6) Phenol	6.85	94	63763	1.646 ng/ul	97
45) Dimethylphthalate	13.76	163	544240	6.746 ng/ul	99
70) Phenanthrene	17.08	178	142786	1.161 ng/ul	98
77) Fluoranthene	19.10	202	478425	3.270 ng/ul	100
80) Pyrene	19.46	202	449499	3.167 ng/ul	98
83) Benzo(a)anthracene	21.26	228	513124	3.342 ng/ul	96
85) Chrysene	21.26	228	517136	3.627 ng/ul	98
88) Benzo(b)fluoranthene	22.77	252	787558	4.751 ng/ul	97
89) Benzo(k)fluoranthene	22.77	252	787558	4.948 ng/ul	97
91) Benzo(a)pyrene	23.33	252	585868	3.684 ng/ul#	95
92) Indeno(1,2,3-cd)pyrene	25.64	276	449235	2.375 ng/ul	96
94) Benzo(g,h,i)perylene	26.31	276	428613	2.752 ng/ul	99

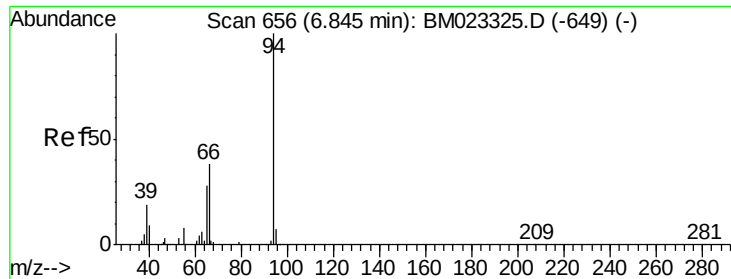
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 1.646 ng/ul

RT: 6.85 min Scan# 657

Delta R.T. 0.01 min

Lab File: BM023337.D

Acq: 23 Oct 2019 02:07

Instrument :

BNA_M

ClientSampleId :

BFB83

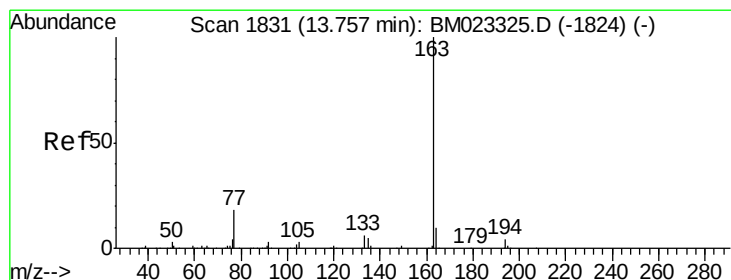
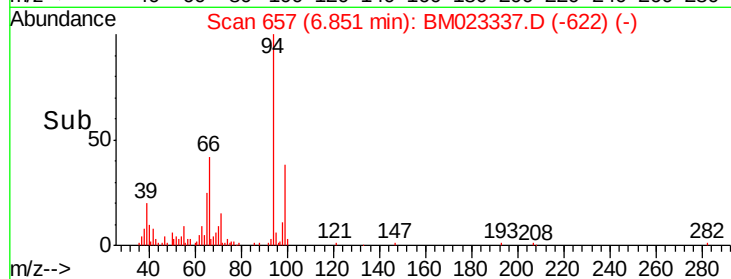
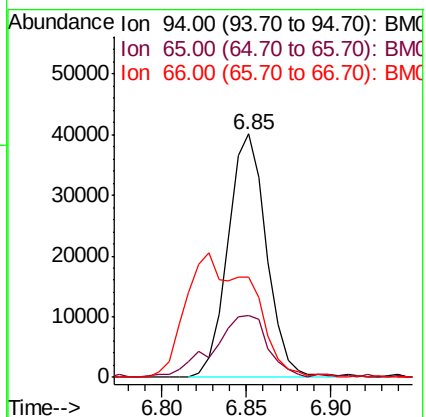
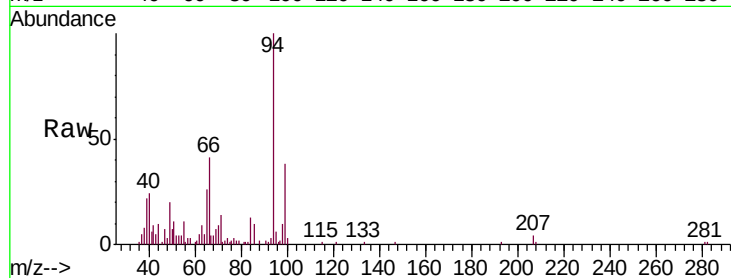
Tgt Ion: 94 Resp: 63763

Ion Ratio Lower Upper

94 100

65 25.7 23.2 34.8

66 41.2 32.9 49.3



#45

Dimethylphthalate

Concen: 6.746 ng/ul

RT: 13.76 min Scan# 1831

Delta R.T. -0.00 min

Lab File: BM023337.D

Acq: 23 Oct 2019 02:07

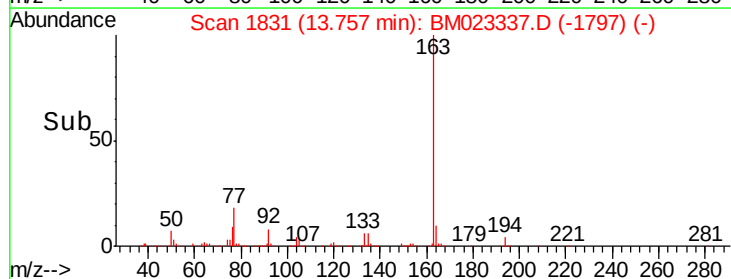
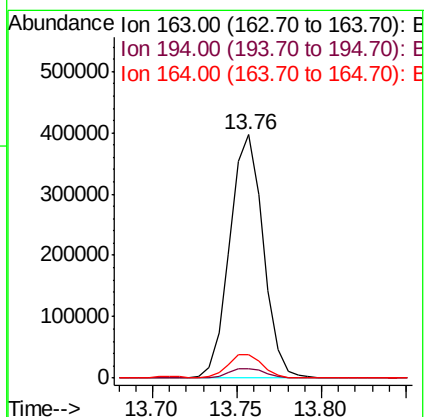
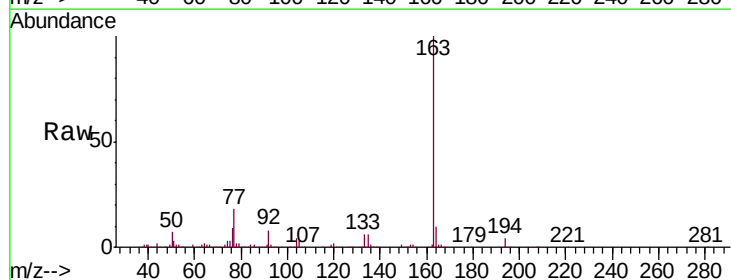
Tgt Ion: 163 Resp: 544240

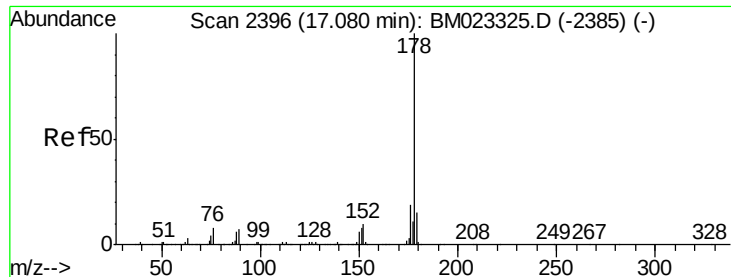
Ion Ratio Lower Upper

163 100

194 4.0 3.4 5.2

164 9.5 7.8 11.6





#70

Phenanthrene

Concen: 1.161 ng/ul

RT: 17.08 min Scan# 2396

Delta R.T. -0.00 min

Lab File: BM023337.D

Acq: 23 Oct 2019 02:07

Instrument :

BNA_M

ClientSampleId :

BFB83

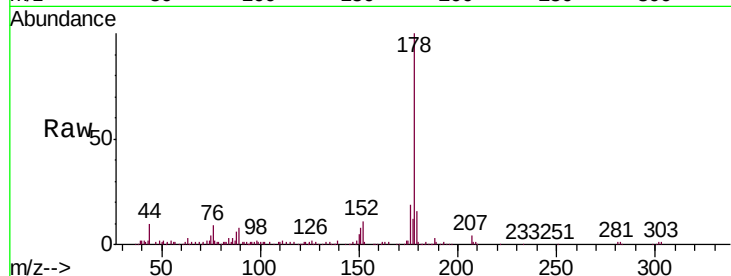
Tgt Ion:178 Resp: 142786

Ion Ratio Lower Upper

178 100

179 16.1 11.7 17.5

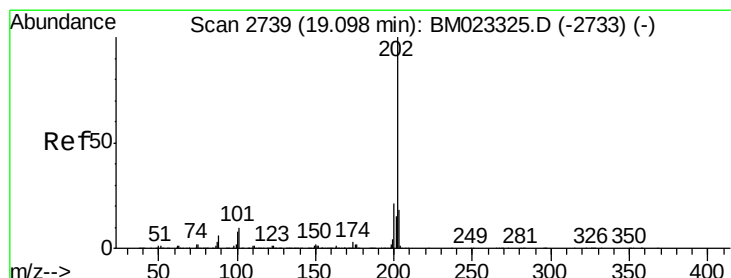
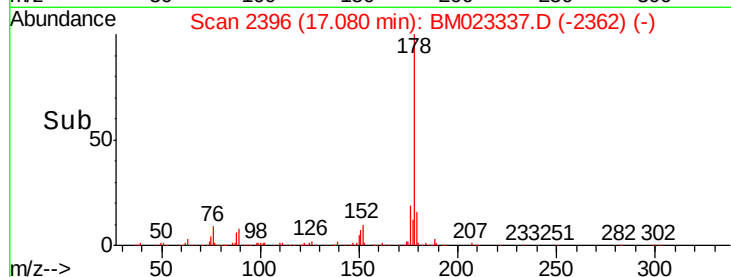
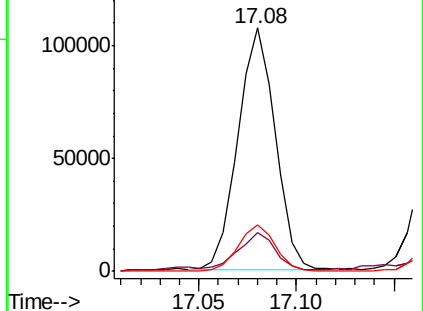
176 19.3 15.0 22.4



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: 3.270 ng/ul

RT: 19.10 min Scan# 2739

Delta R.T. -0.00 min

Lab File: BM023337.D

Acq: 23 Oct 2019 02:07

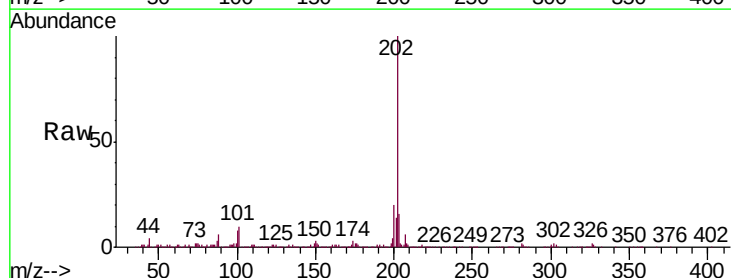
Tgt Ion:202 Resp: 478425

Ion Ratio Lower Upper

202 100

101 10.2 8.2 12.4

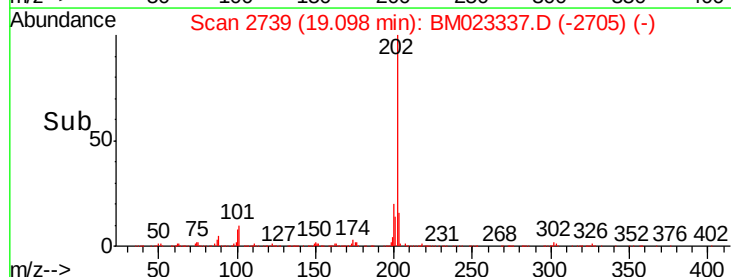
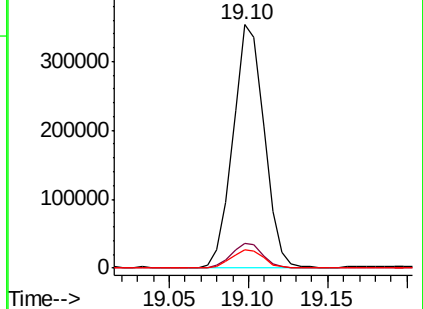
100 7.8 6.1 9.1

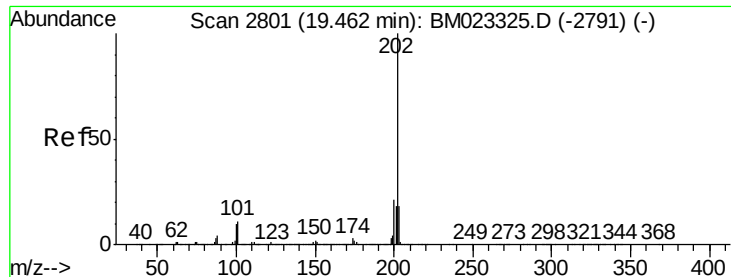


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

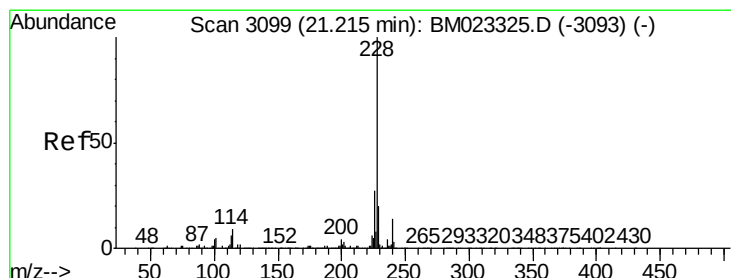
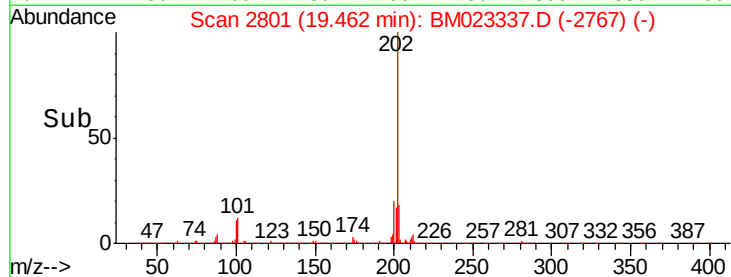
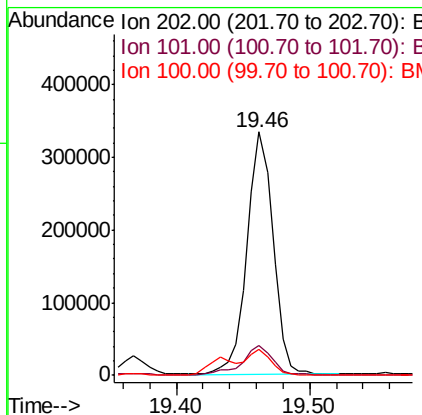
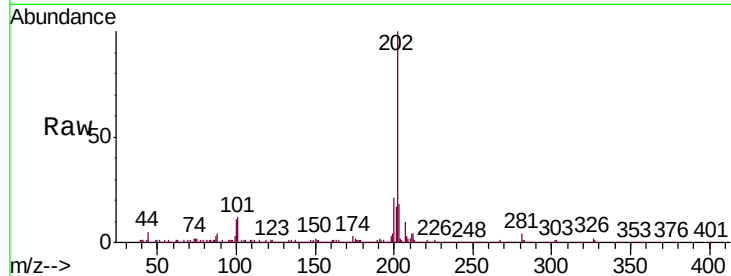




#80
 Pyrene
 Concen: 3.167 ng/ul
 RT: 19.46 min Scan# 2801
 Delta R.T. -0.00 min
 Lab File: BM023337.D
 Acq: 23 Oct 2019 02:07

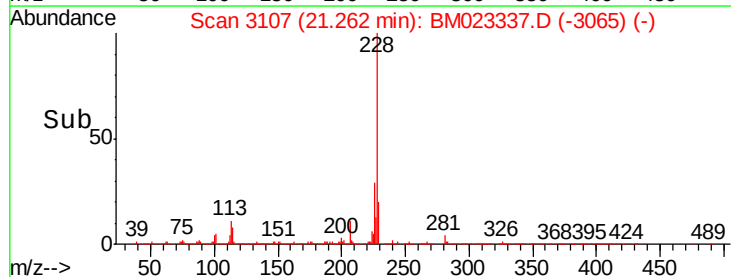
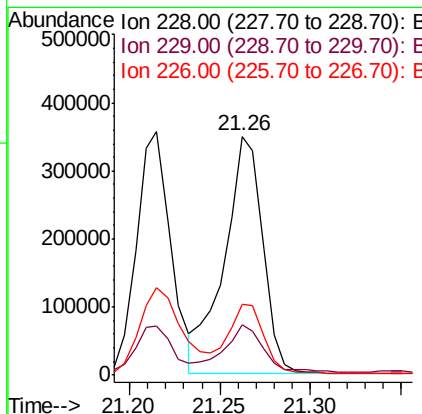
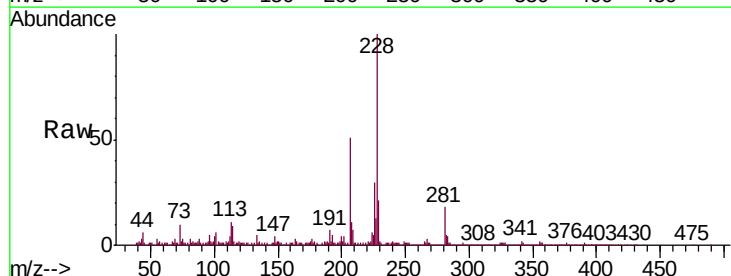
Instrument :
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 ClientSampleId :
 BFB83

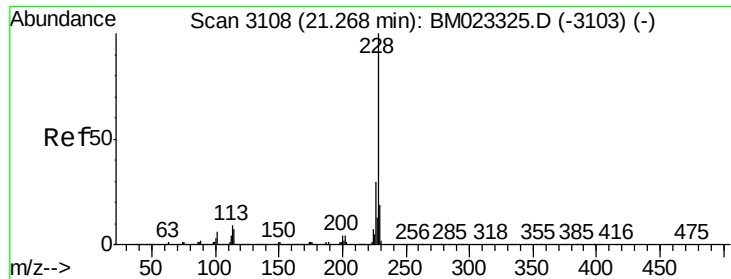
Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.1	9.0	13.6
100	10.5	7.5	11.3



#83
 Benzo(a)anthracene
 Concen: 3.342 ng/ul
 RT: 21.26 min Scan# 3107
 Delta R.T. 0.05 min
 Lab File: BM023337.D
 Acq: 23 Oct 2019 02:07

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.3	15.8	23.8
226	29.6	21.5	32.3





#85

Chrysene

Concen: 3.627 ng/ul

RT: 21.26 min Scan# 3107

Delta R.T. -0.01 min

Lab File: BM023337.D

Acq: 23 Oct 2019 02:07

Instrument :

BNA_M

ClientSampleId :

BFB83

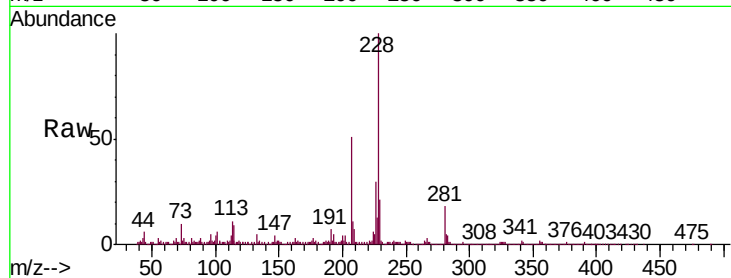
Tgt Ion: 228 Resp: 517136

Ion Ratio Lower Upper

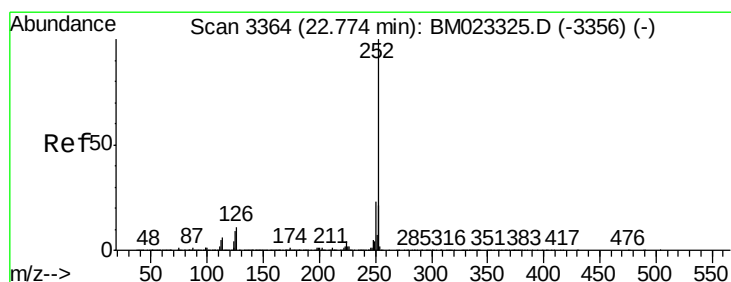
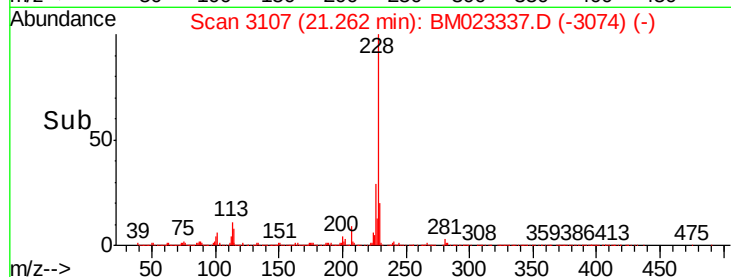
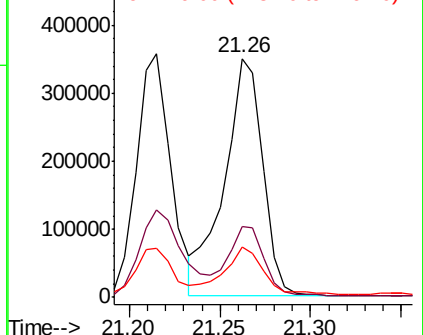
228 100

226 29.6 23.4 35.0

229 21.3 15.5 23.3



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



#88

Benzo(b)fluoranthene

Concen: 4.751 ng/ul

RT: 22.77 min Scan# 3364

Delta R.T. -0.00 min

Lab File: BM023337.D

Acq: 23 Oct 2019 02:07

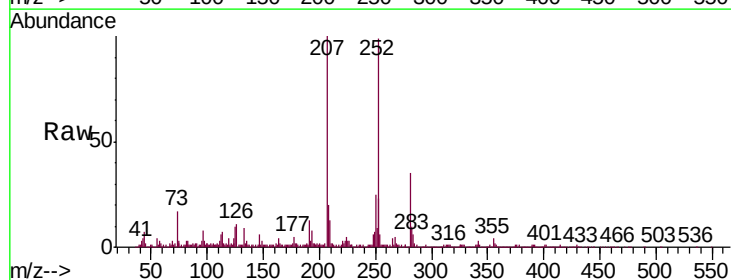
Tgt Ion: 252 Resp: 787558

Ion Ratio Lower Upper

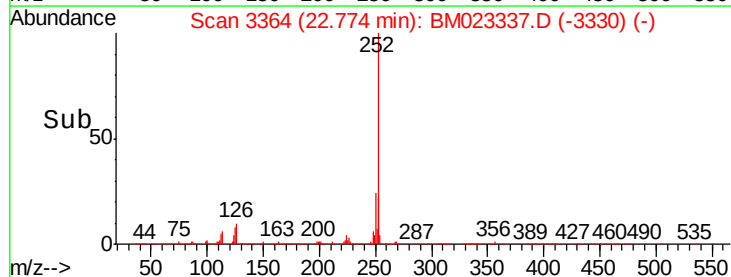
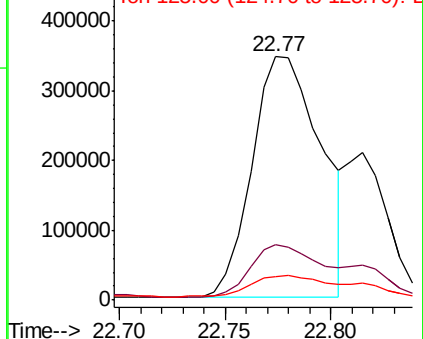
252 100

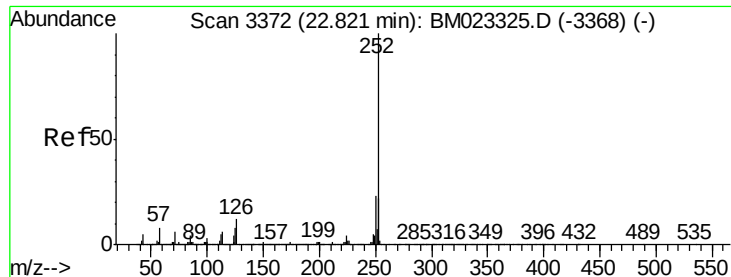
253 22.9 17.3 25.9

125 9.7 7.0 10.4



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





#89

Benzo(k)fluoranthene

Concen: 4.948 ng/ul

RT: 22.77 min Scan# 3364

Delta R.T. -0.05 min

Lab File: BM023337.D

Acq: 23 Oct 2019 02:07

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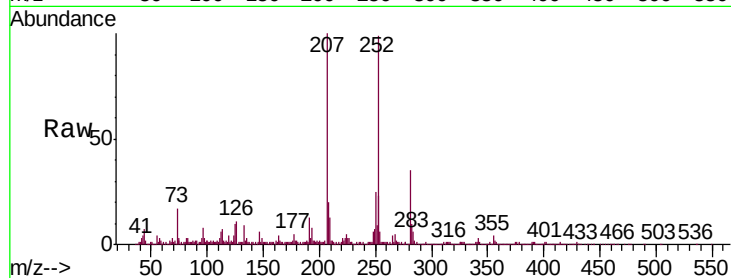
Tgt Ion:252 Resp: 787558

Ion Ratio Lower Upper

252 100

253 22.9 17.5 26.3

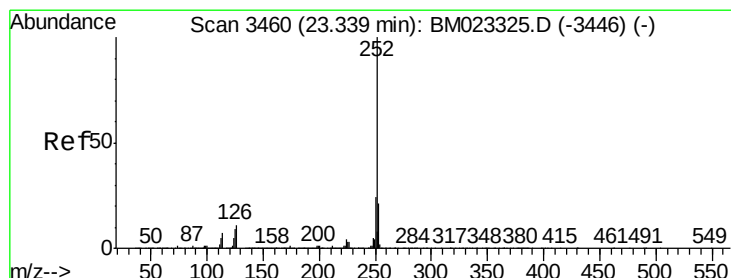
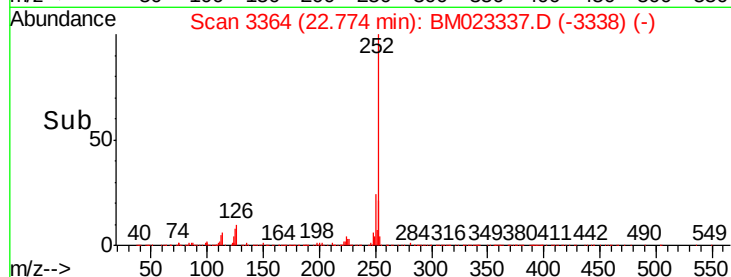
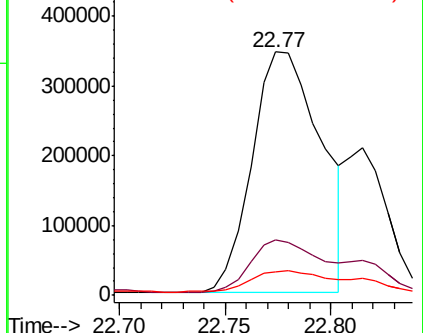
125 9.7 6.6 9.8



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

Benzo(a)pyrene

Concen: 3.684 ng/ul

RT: 23.33 min Scan# 3459

Delta R.T. -0.01 min

Lab File: BM023337.D

Acq: 23 Oct 2019 02:07

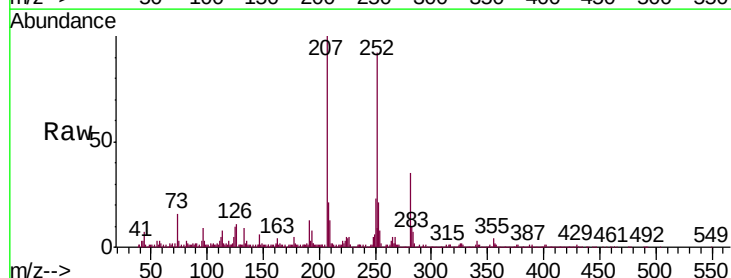
Tgt Ion:252 Resp: 585868

Ion Ratio Lower Upper

252 100

253 23.3 17.0 25.6

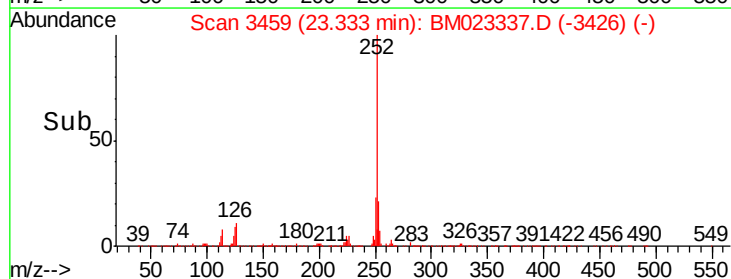
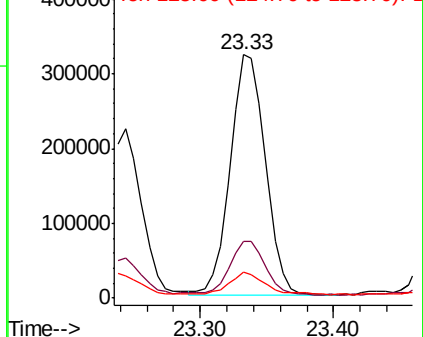
125 10.8 7.1 10.7#

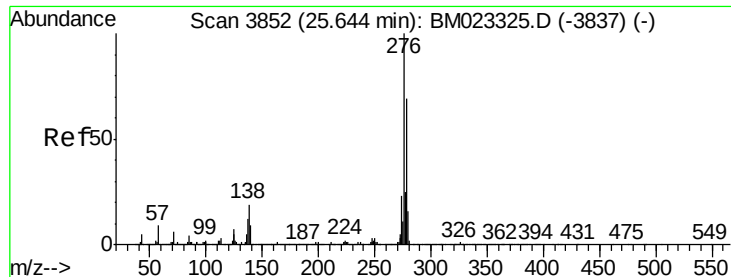


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



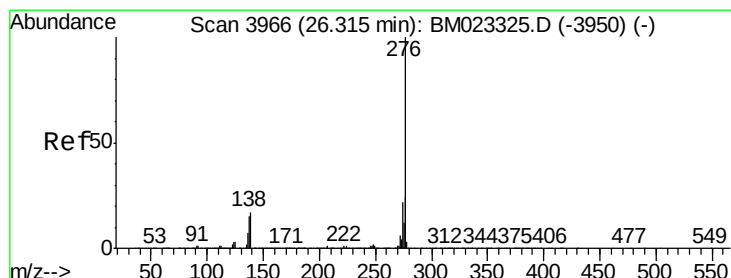
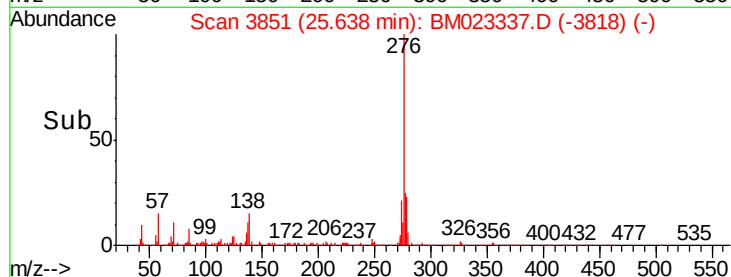
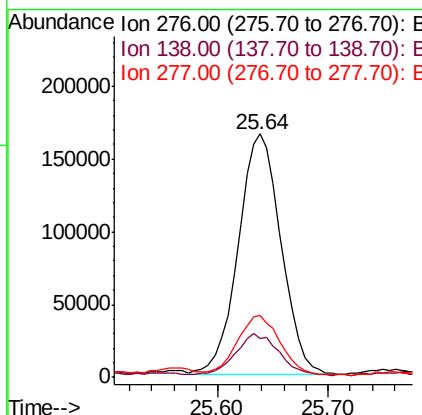
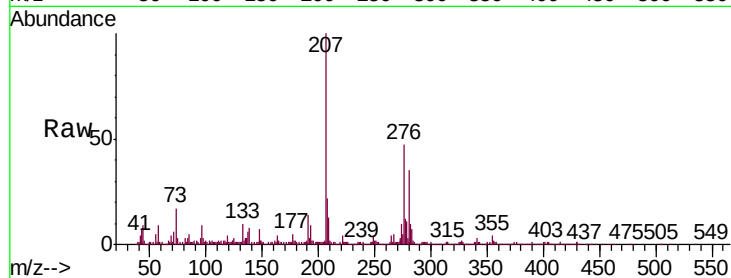


#92

Indeno(1,2,3-cd)pyrene
Concen: 2.375 ng/ul
RT: 25.64 min Scan# 3851
Delta R.T. -0.01 min
Lab File: BM023337.D
Acq: 23 Oct 2019 02:07

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Tgt Ion	Ratio	Lower	Upper
276	100		
138	15.9	15.8	23.6
277	25.2	19.8	29.8



#94

Benzo(g,h,i)perylene
Concen: 2.752 ng/ul
RT: 26.31 min Scan# 3965
Delta R.T. -0.01 min
Lab File: BM023337.D
Acq: 23 Oct 2019 02:07

Tgt Ion	Ratio	Lower	Upper
276	100		
138	17.7	13.9	20.9
277	24.1	18.7	28.1

