

Data File : BM023703.D
Acq On : 13 Nov 2019 18:55
Operator : JU
Sample : K5678-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JLM53

Quant Time: Nov 14 01:17:12 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM11119MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 14 01:13:45 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	443496	20.00	ng/ul	0.00
18) Naphthalene-d8	10.32	136	1998096	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.19	164	1338998	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.94	188	2871721	20.00	ng/ul	0.00
78) Chrysene-d12	21.14	240	2101426	20.00	ng/ul	0.00
86) Perylene-d12	23.31	264	2119476	20.00	ng/ul	0.00

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.08	96	28923	2.69	ng/uL	0.00
5) Phenol-d5	6.73	99	749519	18.54	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.89	67	432959	18.64	ng/ul	0.00
9) 2-Chlorophenol-d4	7.07	132	561960	19.19	ng/ul	0.00
13) 4-Methylphenol-d8	8.26	113	581380	18.03	ng/ul	0.00
19) Nitrobenzene-d5	8.69	128	286331	20.02	ng/ul	0.00
22) 2-Nitrophenol-d4	9.40	143	319983	21.29	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.95	165	648311	18.91	ng/ul	0.00
29) 4-Chloroaniline-d4	10.46	131	260502	6.92	ng/ul	0.00
44) Dimethylphthalate-d6	13.62	166	1990223	19.06	ng/ul	0.00
47) Acenaphthylene-d8	13.88	160	2316854	19.44	ng/ul	0.00
52) 4-Nitrophenol-d4	14.42	143	137215	7.70	ng/ul	0.00
58) Fluorene-d10	15.19	176	1776137	19.26	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.33	200	196277	11.82	ng/ul	0.00
71) Anthracene-d10	17.04	188	2659622	19.52	ng/ul	0.00
79) Pyrene-d10	19.34	212	2666047	24.33	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.17	264	2170806	19.46	ng/ul	0.00

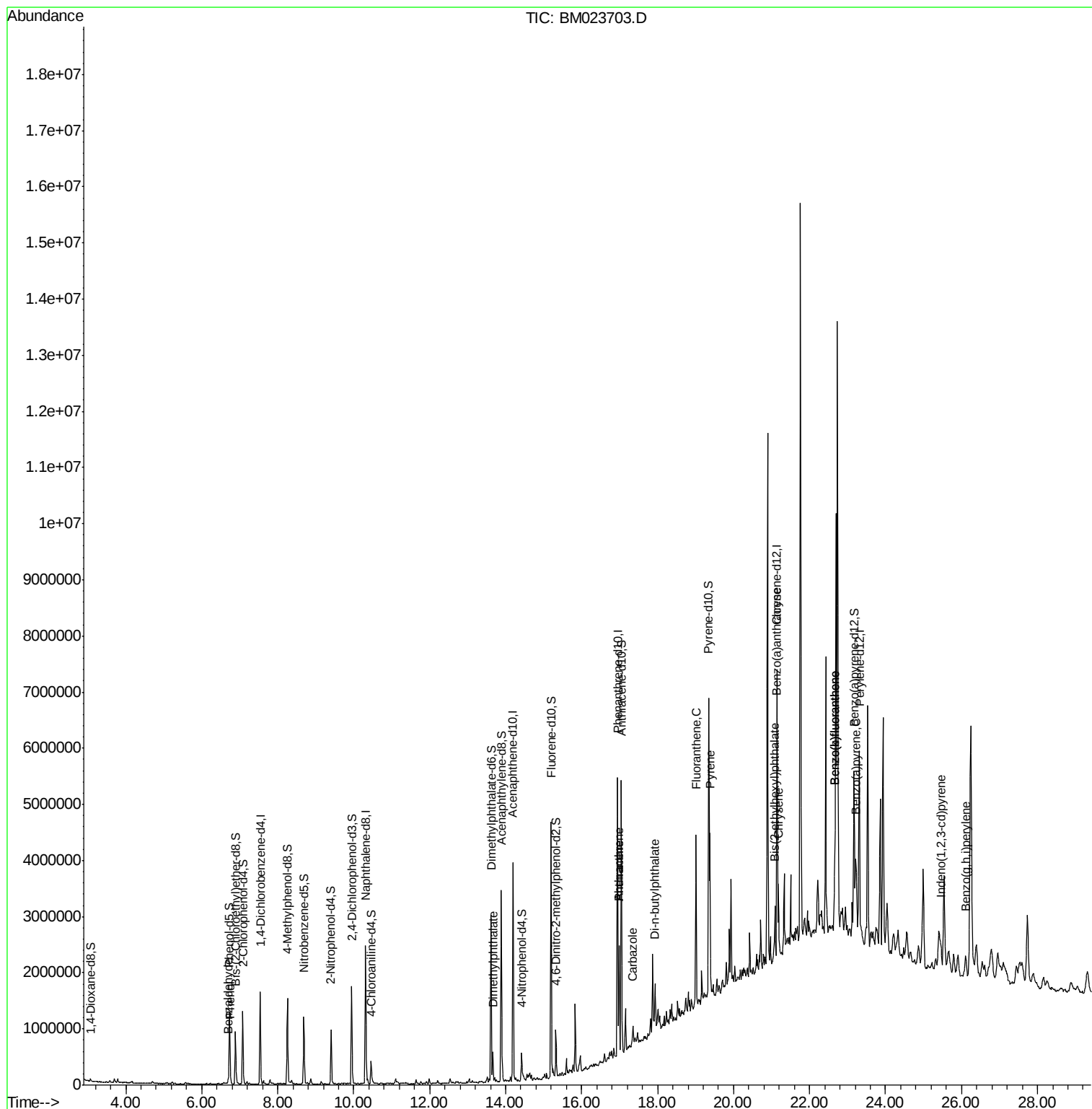
Target Compounds				Qvalue		
4) Benzaldehyde	6.69	77	26646	1.124	ng/ul	97
6) Phenol	6.75	94	52921	1.271	ng/ul	91
45) Dimethylphthalate	13.66	163	305920	2.990	ng/ul	99
70) Phenanthrene	16.99	178	1130345	7.146	ng/ul	99
72) Anthracene	16.99	178	1130345	7.107	ng/ul	99
75) Carbazole	17.35	167	135780	1.024	ng/ul#	94
76) Di-n-butylphthalate	17.93	149	557379	3.812	ng/ul	99
77) Fluoranthene	19.01	202	1786121	10.540	ng/ul	98
80) Pyrene	19.37	202	1688083	12.428	ng/ul	99
83) Benzo(a)anthracene	21.13	228	498339	3.595	ng/ul	92
84) Bis(2-ethylhexyl)phthalate	21.09	149	339897	5.233	ng/ul	100
85) Chrysene	21.18	228	714516	5.475	ng/ul	97
88) Benzo(b)fluoranthene	22.67	252	821972	6.084	ng/ul#	92
89) Benzo(k)fluoranthene	22.67	252	821972	6.315	ng/ul#	90
91) Benzo(a)pyrene	23.22	252	581672	4.703	ng/ul#	93
92) Indeno(1,2,3-cd)pyrene	25.46	276	415467	3.141	ng/ul	98
94) Benzo(g,h,i)perylene	26.11	276	431456	4.026	ng/ul	99

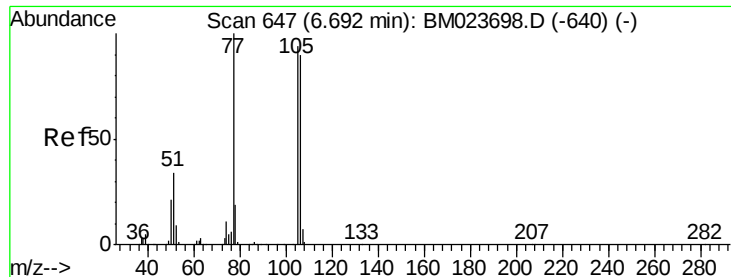
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
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#4

Benzaldehyde

Concen: 1.124 ng/ul

RT: 6.69 min Scan# 647

Delta R.T. 0.00 min

Lab File: BM023703.D

Acq: 13 Nov 2019 18:55

Instrument :

BNA_M

ClientSampleId :

JLM53

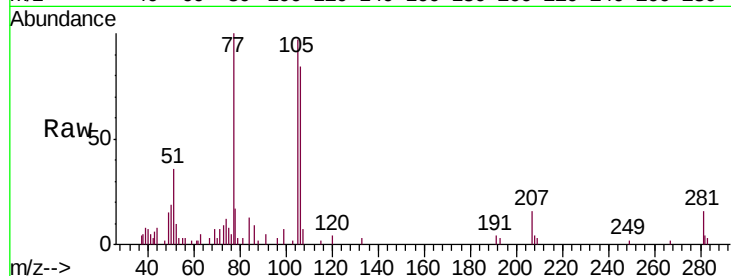
Tgt Ion: 77 Resp: 26646

Ion Ratio Lower Upper

77 100

105 97.4 75.9 113.9

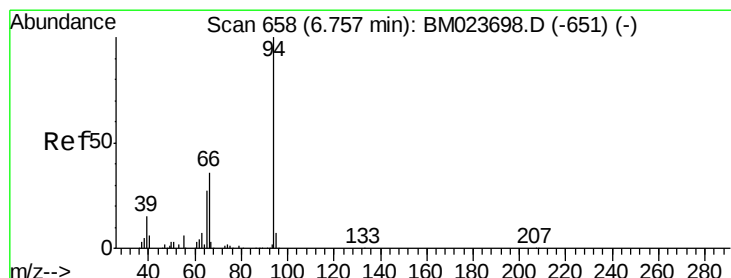
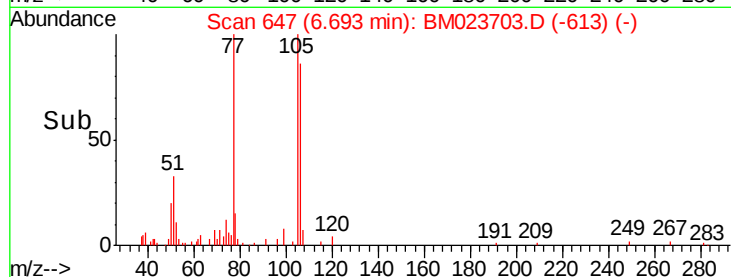
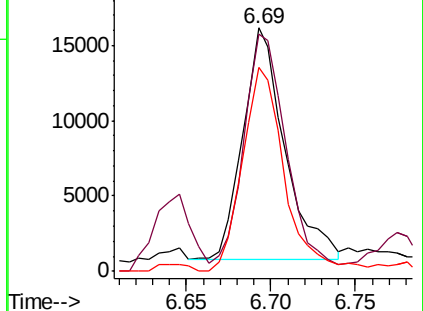
106 83.8 70.2 105.4



Abundance Ion 77.00 (76.70 to 77.70): BM023703.D (-613) (-)

Ion 105.00 (104.70 to 105.70): BM023703.D (-613) (-)

Ion 106.00 (105.70 to 106.70): BM023703.D (-613) (-)



#6

Phenol

Concen: 1.271 ng/ul

RT: 6.75 min Scan# 657

Delta R.T. -0.01 min

Lab File: BM023703.D

Acq: 13 Nov 2019 18:55

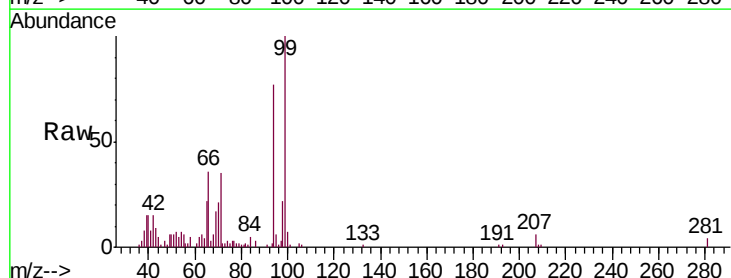
Tgt Ion: 94 Resp: 52921

Ion Ratio Lower Upper

94 100

65 28.7 21.4 32.2

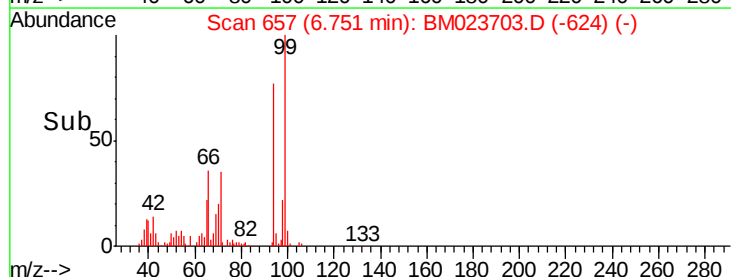
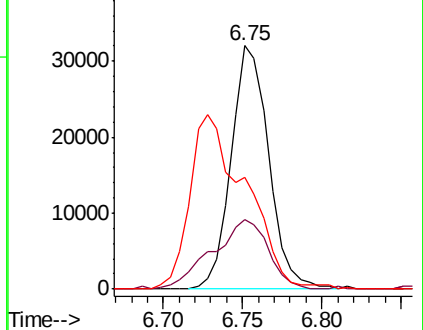
66 46.1 30.7 46.1

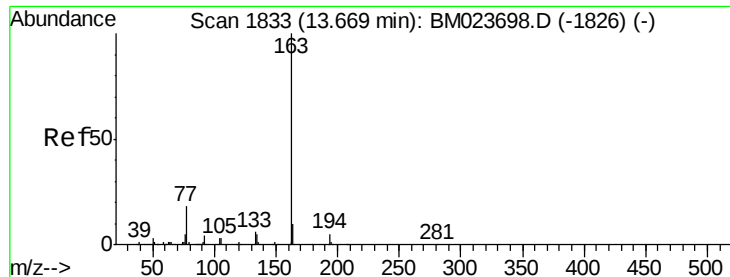


Abundance Ion 94.00 (93.70 to 94.70): BM023703.D (-624) (-)

Ion 65.00 (64.70 to 65.70): BM023703.D (-624) (-)

Ion 66.00 (65.70 to 66.70): BM023703.D (-624) (-)





#45

Dimethylphthalate

Concen: 2.990 ng/ul

RT: 13.66 min Scan# 1832

Delta R.T. -0.01 min

Lab File: BM023703.D

Acq: 13 Nov 2019 18:55

Instrument :

BNA_M

ClientSampleId :

JLM53

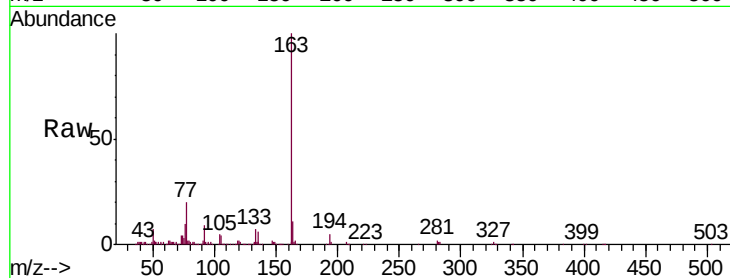
Tgt Ion:163 Resp: 305920

Ion Ratio Lower Upper

163 100

194 4.6 3.4 5.2

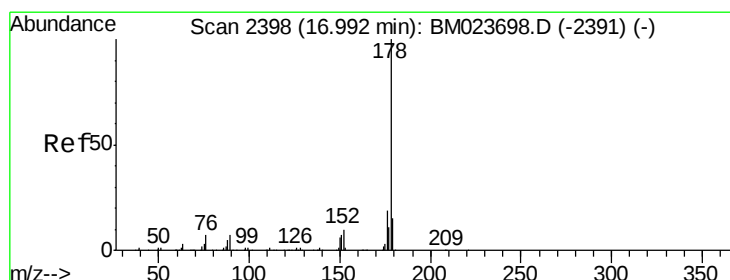
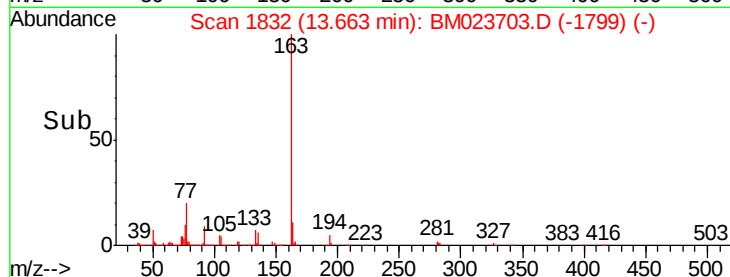
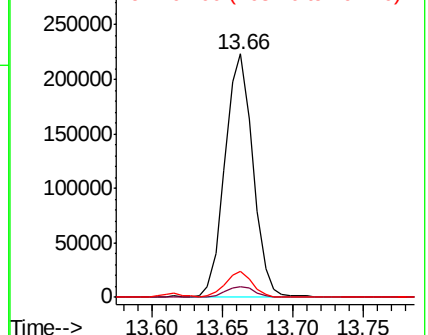
164 10.6 8.0 12.0



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#70

Phenanthrene

Concen: 7.146 ng/ul

RT: 16.99 min Scan# 2397

Delta R.T. -0.01 min

Lab File: BM023703.D

Acq: 13 Nov 2019 18:55

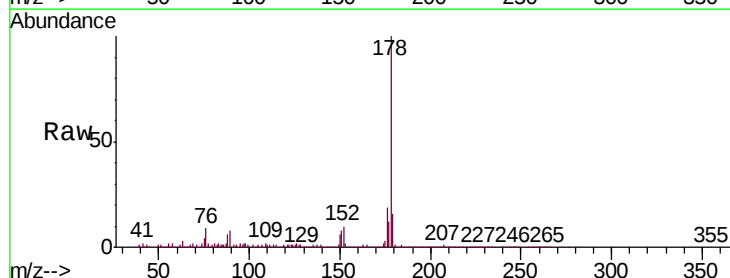
Tgt Ion:178 Resp: 1130345

Ion Ratio Lower Upper

178 100

179 16.1 12.3 18.5

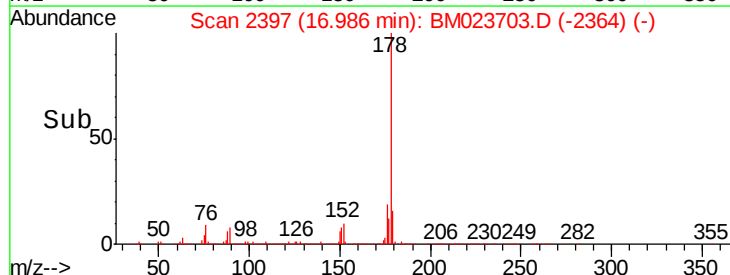
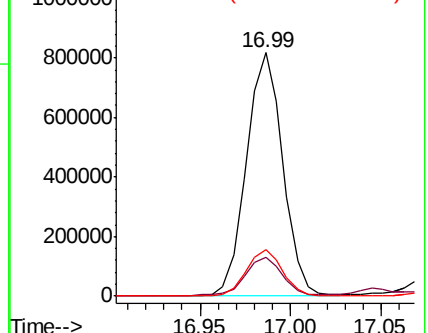
176 18.9 15.0 22.6

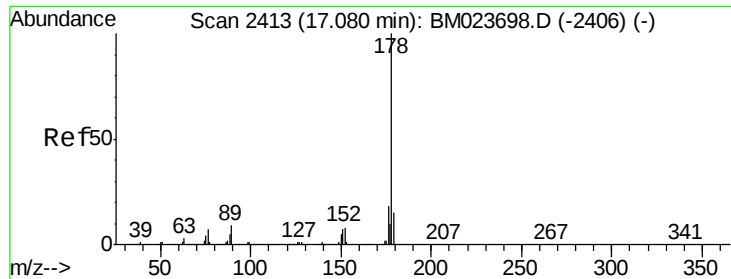


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72

Anthracene

Concen: 7.107 ng/ul

RT: 16.99 min Scan# 2397

Delta R.T. -0.09 min

Lab File: BM023703.D

Acq: 13 Nov 2019 18:55

Instrument :

BNA_M

ClientSampled :

JLM53

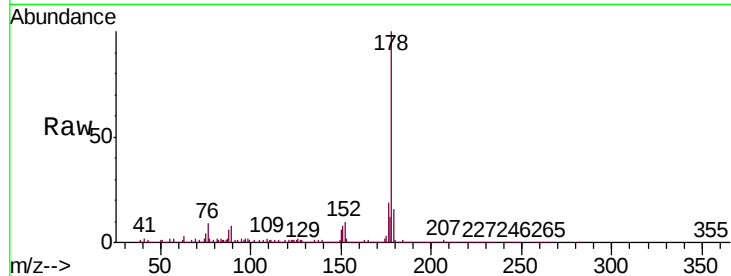
Tgt Ion:178 Resp: 1130345

Ion Ratio Lower Upper

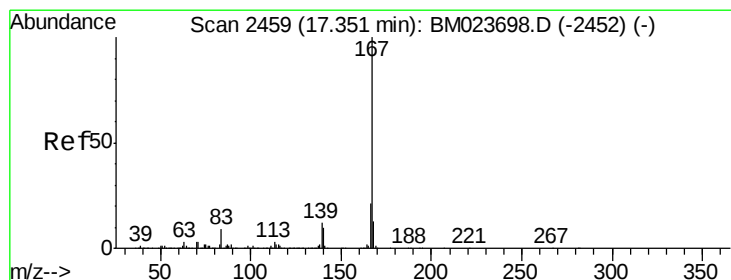
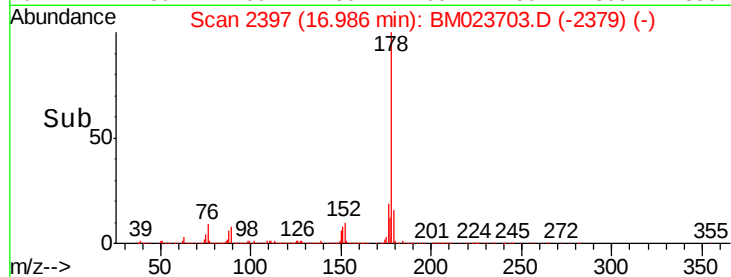
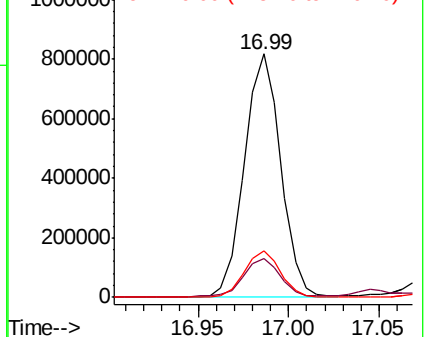
178 100

179 16.1 12.3 18.5

176 18.9 14.7 22.1



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



#75

Carbazole

Concen: 1.024 ng/ul

RT: 17.35 min Scan# 2459

Delta R.T. 0.00 min

Lab File: BM023703.D

Acq: 13 Nov 2019 18:55

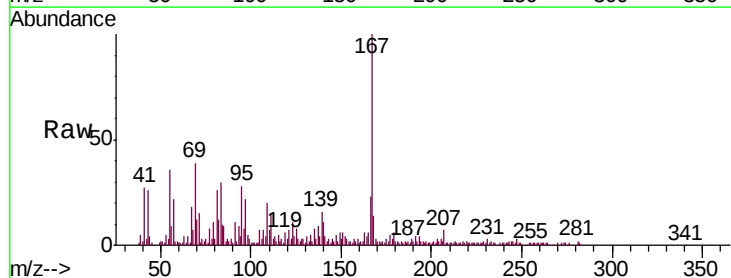
Tgt Ion:167 Resp: 135780

Ion Ratio Lower Upper

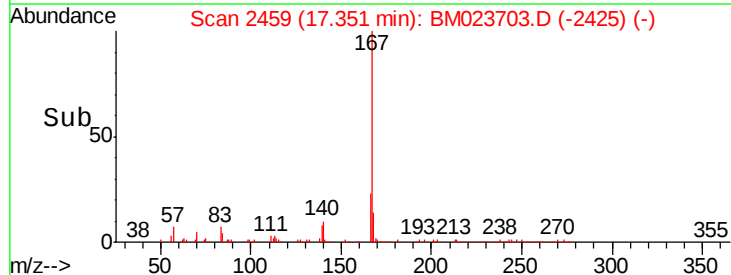
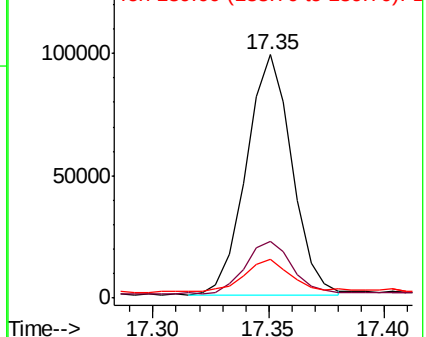
167 100

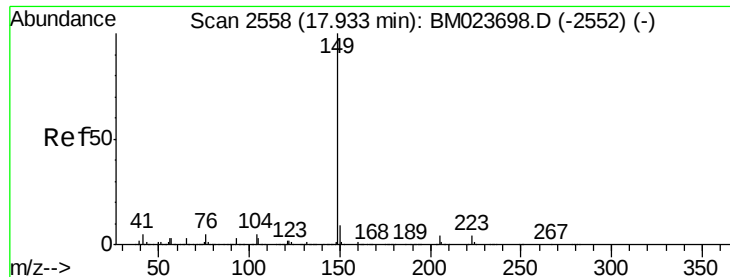
166 23.2 17.1 25.7

139 15.8 9.8 14.6#



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E

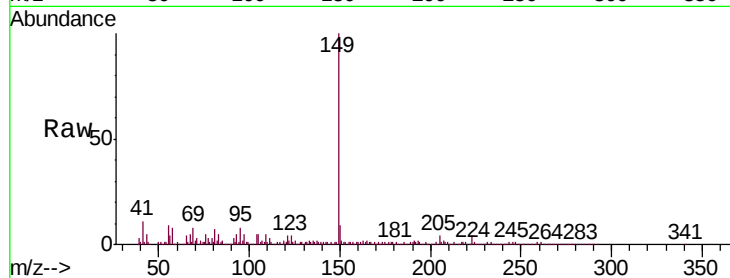




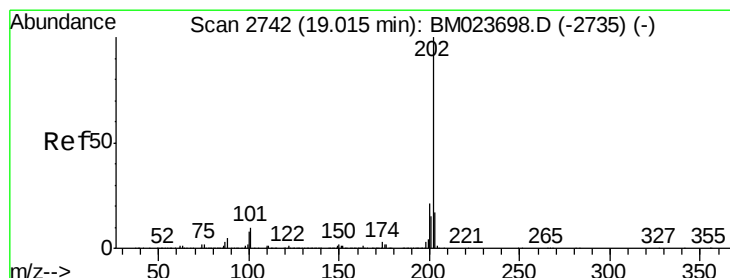
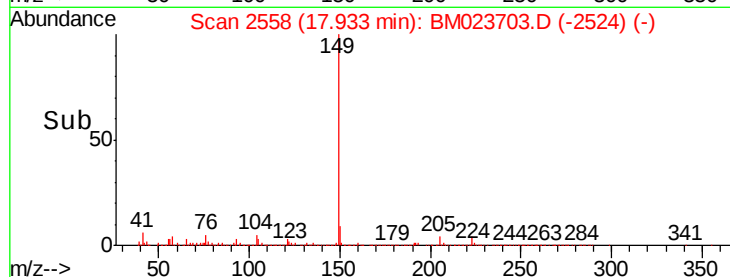
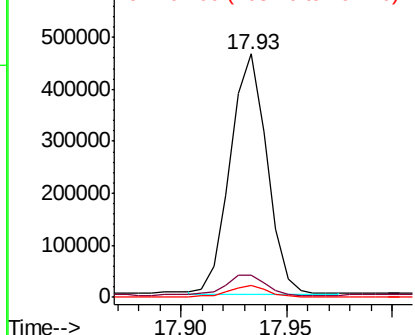
#76
Di-n-butylphthalate
Concen: 3.812 ng/ul
RT: 17.93 min Scan# 2558
Delta R.T. 0.00 min
Lab File: BM023703.D
Acq: 13 Nov 2019 18:55

Instrument :
BNA_M
ClientSampleId :
JLM53

Tgt Ion:149 Resp: 557379
Ion Ratio Lower Upper
149 100
150 9.2 7.1 10.7
104 5.0 4.2 6.2

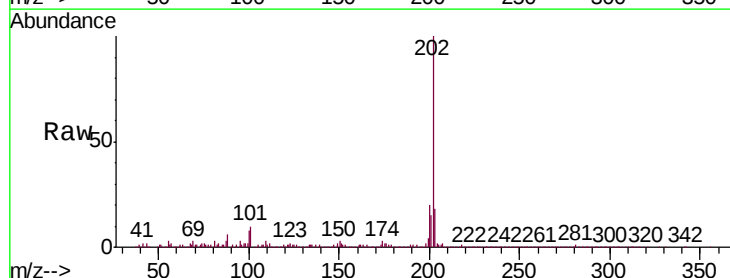


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E

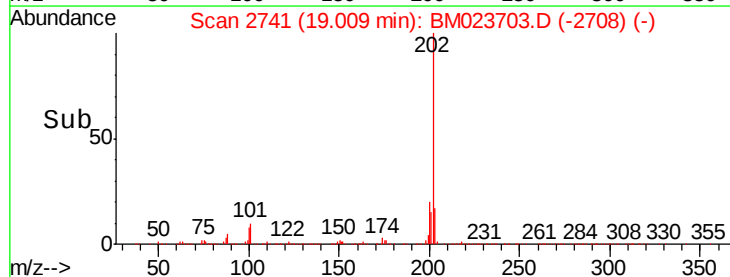
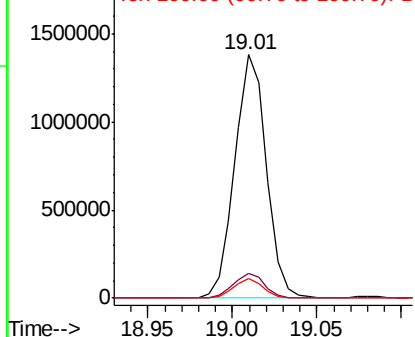


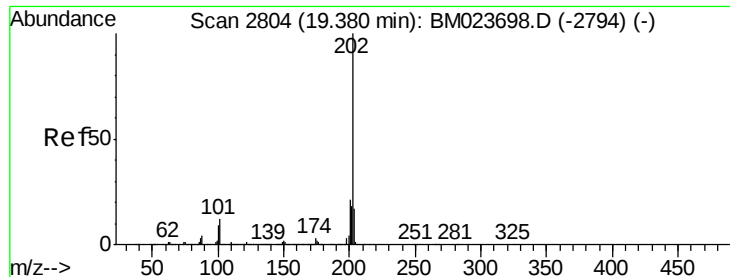
#77
Fluoranthene
Concen: 10.540 ng/ul
RT: 19.01 min Scan# 2741
Delta R.T. -0.01 min
Lab File: BM023703.D
Acq: 13 Nov 2019 18:55

Tgt Ion:202 Resp: 1786121
Ion Ratio Lower Upper
202 100
101 10.4 7.7 11.5
100 8.0 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): B

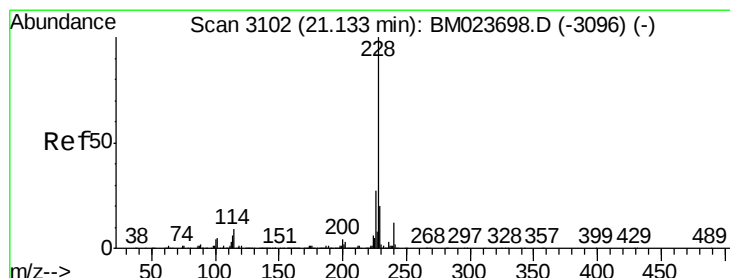
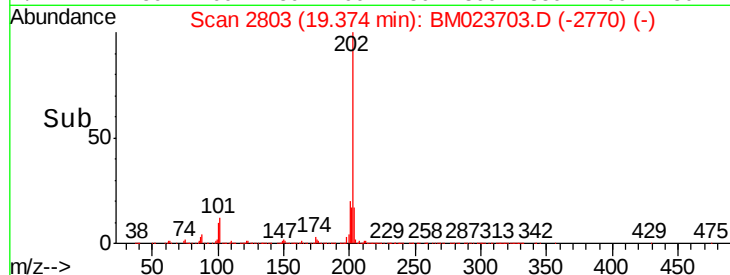
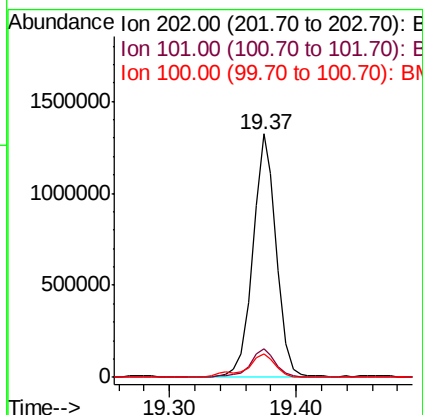
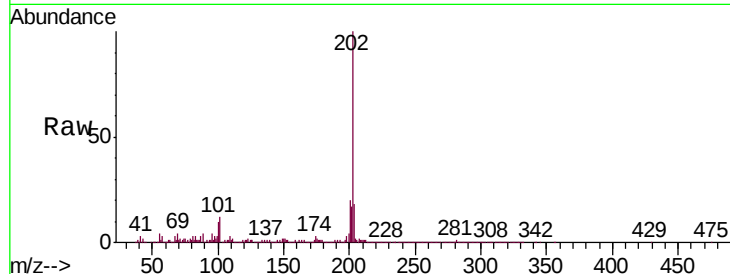




#80
 Pyrene
 Concen: 12.428 ng/ul
 RT: 19.37 min Scan# 2803
 Delta R.T. -0.01 min
 Lab File: BM023703.D
 Acq: 13 Nov 2019 18:55

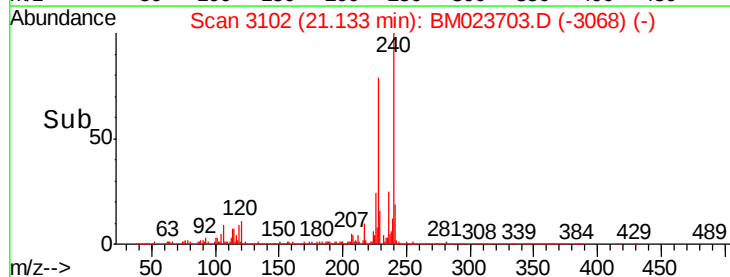
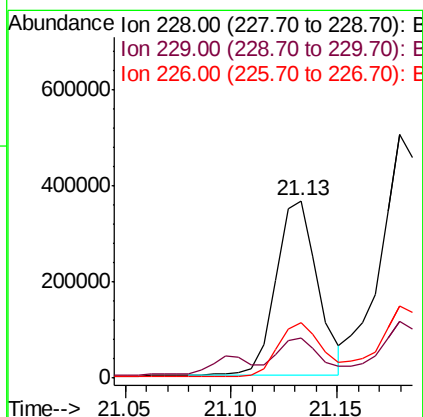
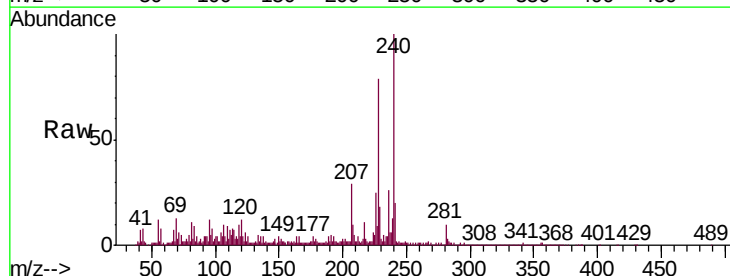
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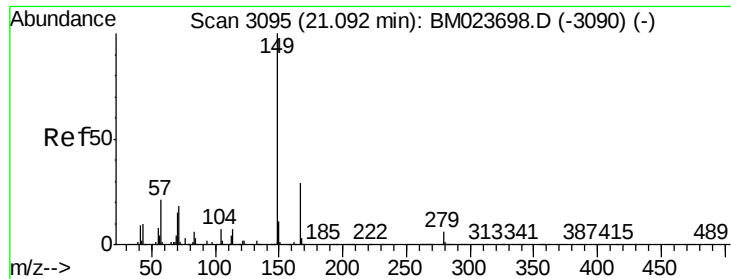
Tgt Ion:202 Resp: 1688083
 Ion Ratio Lower Upper
 202 100
 101 11.8 9.8 14.6
 100 9.7 8.1 12.1



#83
 Benzo(a)anthracene
 Concen: 3.595 ng/ul
 RT: 21.13 min Scan# 3102
 Delta R.T. 0.00 min
 Lab File: BM023703.D
 Acq: 13 Nov 2019 18:55

Tgt Ion:228 Resp: 498339
 Ion Ratio Lower Upper
 228 100
 229 22.9 15.6 23.4
 226 31.1 21.4 32.2

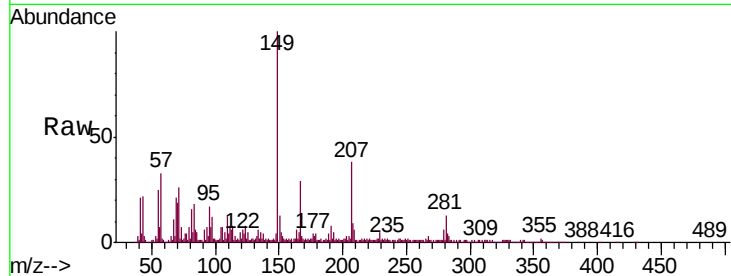




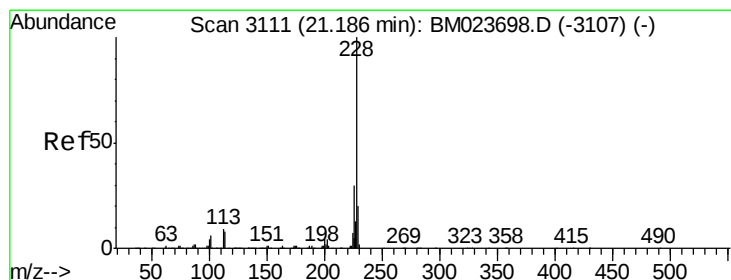
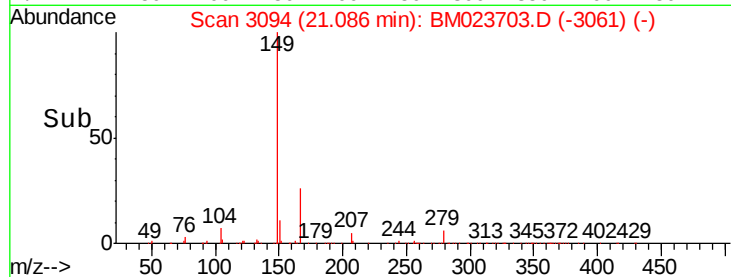
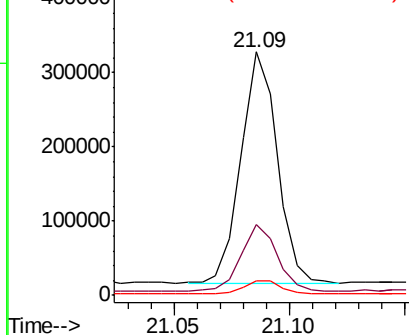
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 5.233 ng/ul
 RT: 21.09 min Scan# 3094
 Delta R.T. -0.01 min
 Lab File: BM023703.D
 Acq: 13 Nov 2019 18:55

Instrument :
 BNA_M
 ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.1	23.4	35.2
279	6.0	5.0	7.4

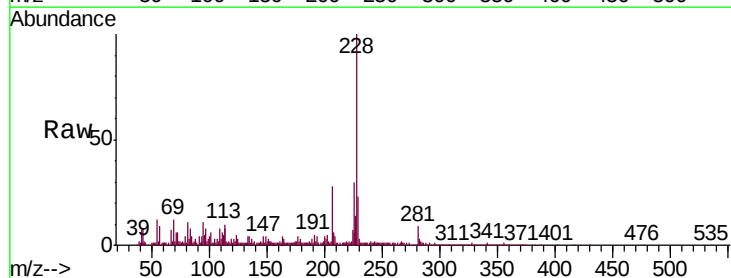


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

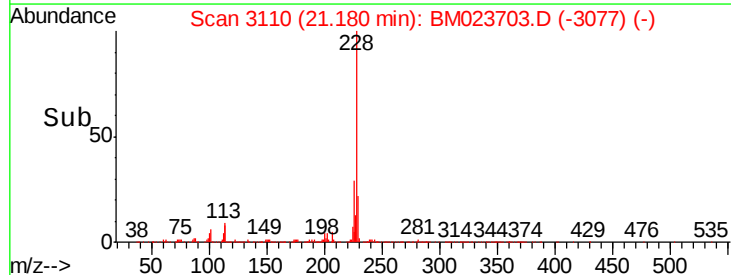
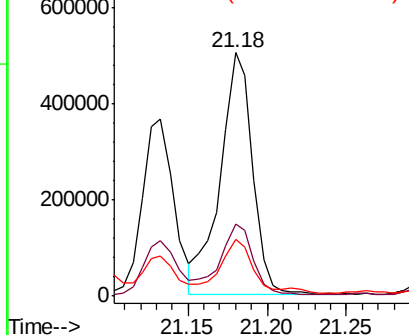


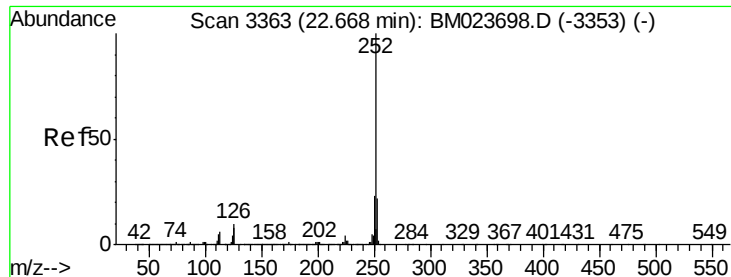
#85
 Chrysene
 Concen: 5.475 ng/ul
 RT: 21.18 min Scan# 3110
 Delta R.T. -0.01 min
 Lab File: BM023703.D
 Acq: 13 Nov 2019 18:55

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.8	23.8	35.8
229	23.3	15.8	23.6



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: 6.084 ng/ul

RT: 22.67 min Scan# 3363

Delta R.T. 0.00 min

Lab File: BM023703.D

Acq: 13 Nov 2019 18:55

Instrument :

BNA_M

ClientSampleId :

JLM53

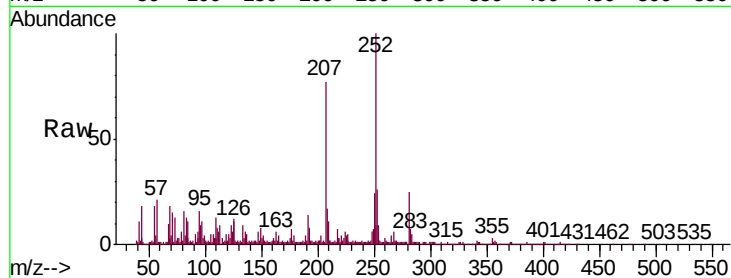
Tgt Ion:252 Resp: 821972

Ion Ratio Lower Upper

252 100

253 25.7 17.8 26.8

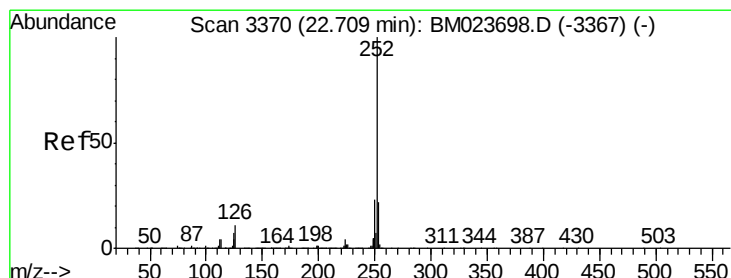
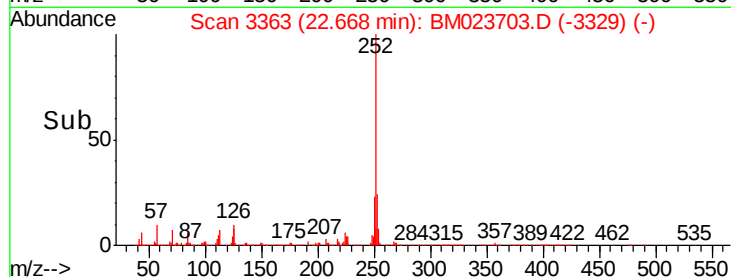
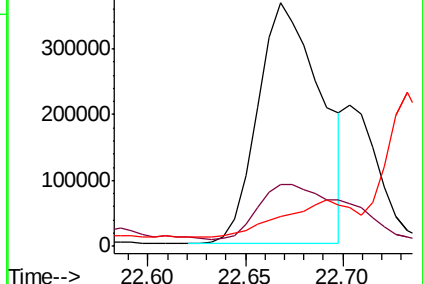
125 12.3 6.5 9.7#



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



#89

Benzo(k)fluoranthene

Concen: 6.315 ng/ul

RT: 22.67 min Scan# 3363

Delta R.T. -0.04 min

Lab File: BM023703.D

Acq: 13 Nov 2019 18:55

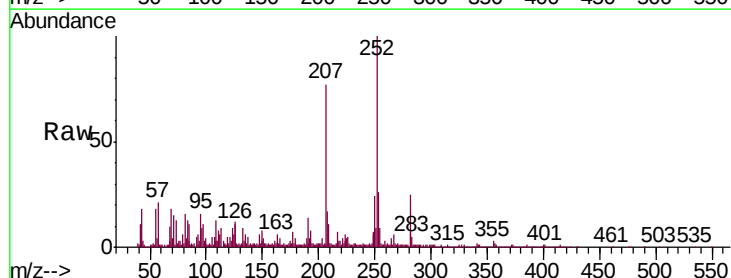
Tgt Ion:252 Resp: 821972

Ion Ratio Lower Upper

252 100

253 25.7 17.2 25.8

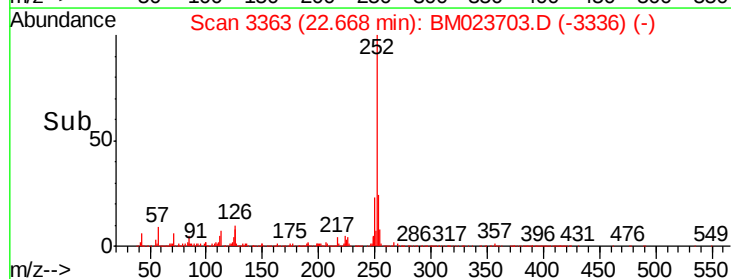
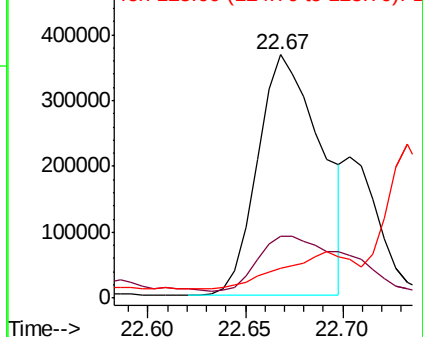
125 12.3 5.9 8.9#

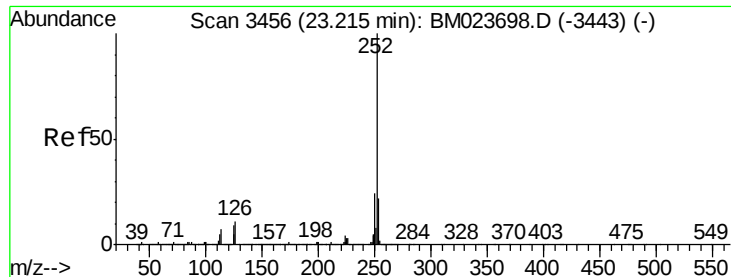


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Benzo(a)pyrene

Concen: 4.703 ng/ul

RT: 23.22 min Scan# 3456

Delta R.T. 0.00 min

Lab File: BM023703.D

Acq: 13 Nov 2019 18:55

Instrument :

BNA_M

ClientSampleId :

JLM53

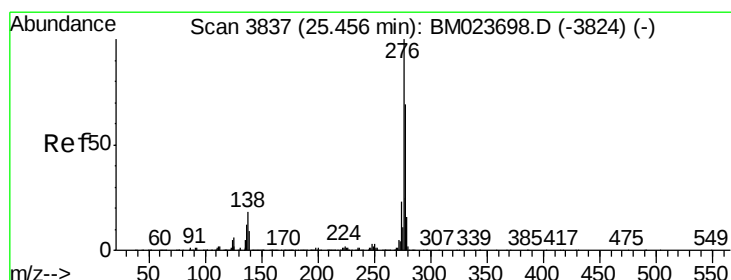
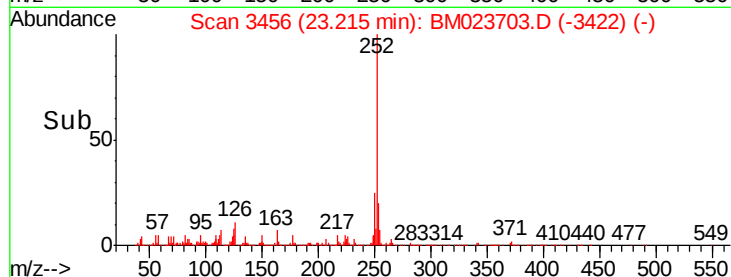
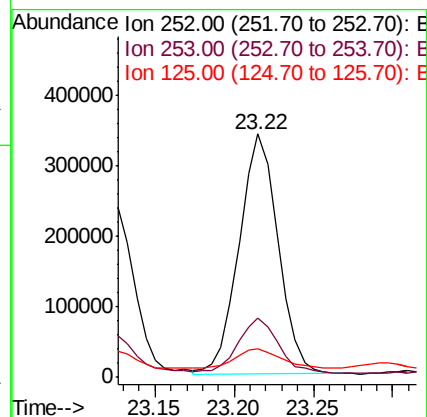
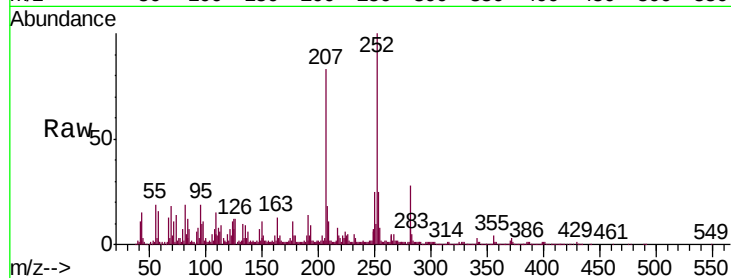
Tgt Ion:252 Resp: 581672

Ion Ratio Lower Upper

252 100

253 24.6 17.3 25.9

125 11.8 6.9 10.3#



#92

Indeno(1,2,3-cd)pyrene

Concen: 3.141 ng/ul

RT: 25.46 min Scan# 3837

Delta R.T. 0.00 min

Lab File: BM023703.D

Acq: 13 Nov 2019 18:55

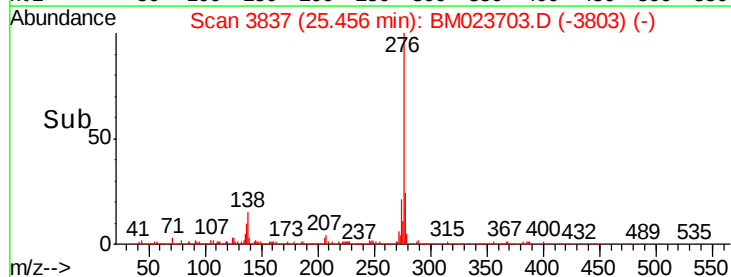
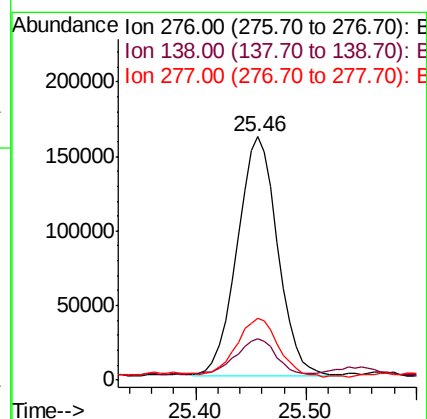
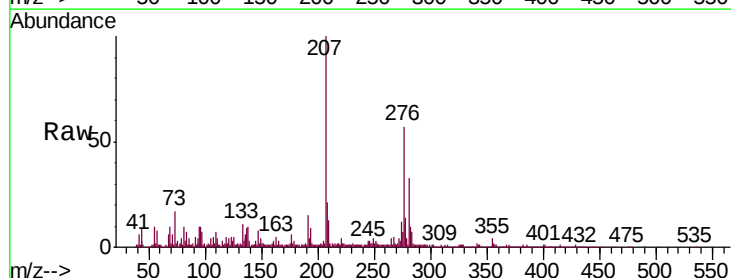
Tgt Ion:276 Resp: 415467

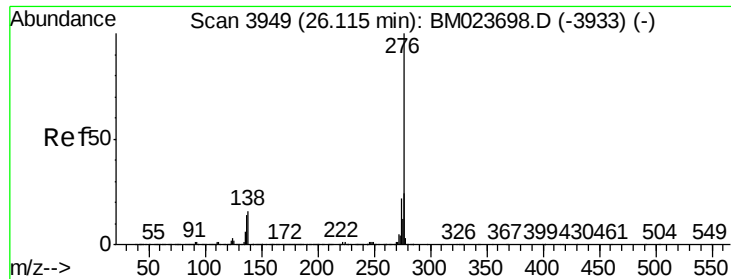
Ion Ratio Lower Upper

276 100

138 17.1 15.0 22.4

277 25.2 20.0 30.0





#94

Benzo(g,h,i)perylene

Concen: 4.026 ng/ul

RT: 26.11 min Scan# 3949

Delta R.T. 0.00 min

Lab File: BM023703.D

Acq: 13 Nov 2019 18:55

Instrument :

BNA_M

ClientSampleId :

JLM53

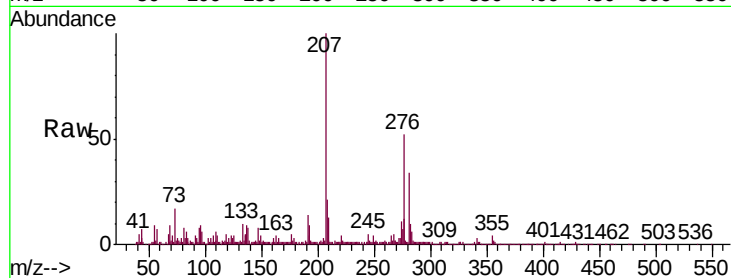
Tgt Ion: 276 Resp: 431456

Ion Ratio Lower Upper

276 100

138 15.9 13.2 19.8

277 23.9 18.6 28.0



Abundance Ion 276.00 (275.70 to 276.70): E

200000 Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

