

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101619\
 Data File : BM023203.D
 Acq On : 16 Oct 2019 22:45
 Operator : JU
 Sample : K5262-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BFB71

Manual Integrations
 APPROVED

mohammad
 10/18/2019 8:27:29 AM

Quant Time: Oct 17 05:57:54 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 17 04:31:06 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	439480	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	1776693	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.31	164	1059288	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.06	188	2064467	20.00	ng/ul	0.00
78) Chrysene-d12	21.24	240	2059462	20.00	ng/ul	0.00
86) Perylene-d12	23.46	264	2550385	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.17	96	19801	1.98	ng/uL	0.00
5) Phenol-d5	6.83	99	545445	14.25	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	319030	14.73	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	435262	14.86	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	396839	12.91	ng/ul	0.00
19) Nitrobenzene-d5	8.81	128	215398	17.92	ng/ul	0.00
22) 2-Nitrophenol-d4	9.53	143	232917	20.35	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	479155	16.46	ng/ul	0.00
29) 4-Chloroaniline-d4	10.57	131	311538	8.80	ng/ul	0.00
44) Dimethylphthalate-d6	13.73	166	1457106	17.95	ng/ul	0.00
47) Acenaphthylene-d8	14.00	160	1713212	17.99	ng/ul	0.00
52) 4-Nitrophenol-d4	14.50	143	171222	13.03	ng/ul	0.00
58) Fluorene-d10	15.30	176	1252893	18.12	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.42	200	111711	13.65	ng/ul	0.00
71) Anthracene-d10	17.15	188	1880182	18.89	ng/ul	0.00
79) Pyrene-d10	19.45	212	2033435	20.39	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.32	264	2457265	19.01	ng/ul	0.00

Target Compounds

					Ovalue	
6) Phenol	6.86	94	98289	2.490	ng/ul	97
45) Dimethylphthalate	13.77	163	485722	5.978	ng/ul	99
48) Acenaphthylene	14.03	152	169157	1.738	ng/ul	99
70) Phenanthrene	17.10	178	1745591	15.066	ng/ul	100
72) Anthracene	17.19	178	427563	3.571	ng/ul	99
75) Carbazole	17.45	167	111166	1.039	ng/ul	97
77) Fluoranthene	19.12	202	2954180	21.440	ng/ul	99
80) Pyrene	19.48	202	2879120	22.316	ng/ul	100
83) Benzo(a)anthracene	21.23	228	1625672	11.650	ng/ul	96
84) Bis(2-ethylhexyl)phthalate	21.20	149	178557	2.502	ng/ul#	97
85) Chrysene	21.29	228	1618105	12.488	ng/ul	97
88) Benzo(b)fluoranthene	22.80	252	2289317	14.805	ng/ul	97
89) Benzo(k)fluoranthene	22.84	252	640162m	4.311	ng/ul	
91) Benzo(a)pyrene	23.36	252	1599638	10.783	ng/ul	96
92) Indeno(1,2,3-cd)pyrene	25.68	276	1187544	6.729	ng/ul	99
93) Dibenzo(a,h)anthracene	25.69	278	337221	2.285	ng/ul#	90
94) Benzo(g,h,i)perylene	26.36	276	1207207	8.308	ng/ul	99

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

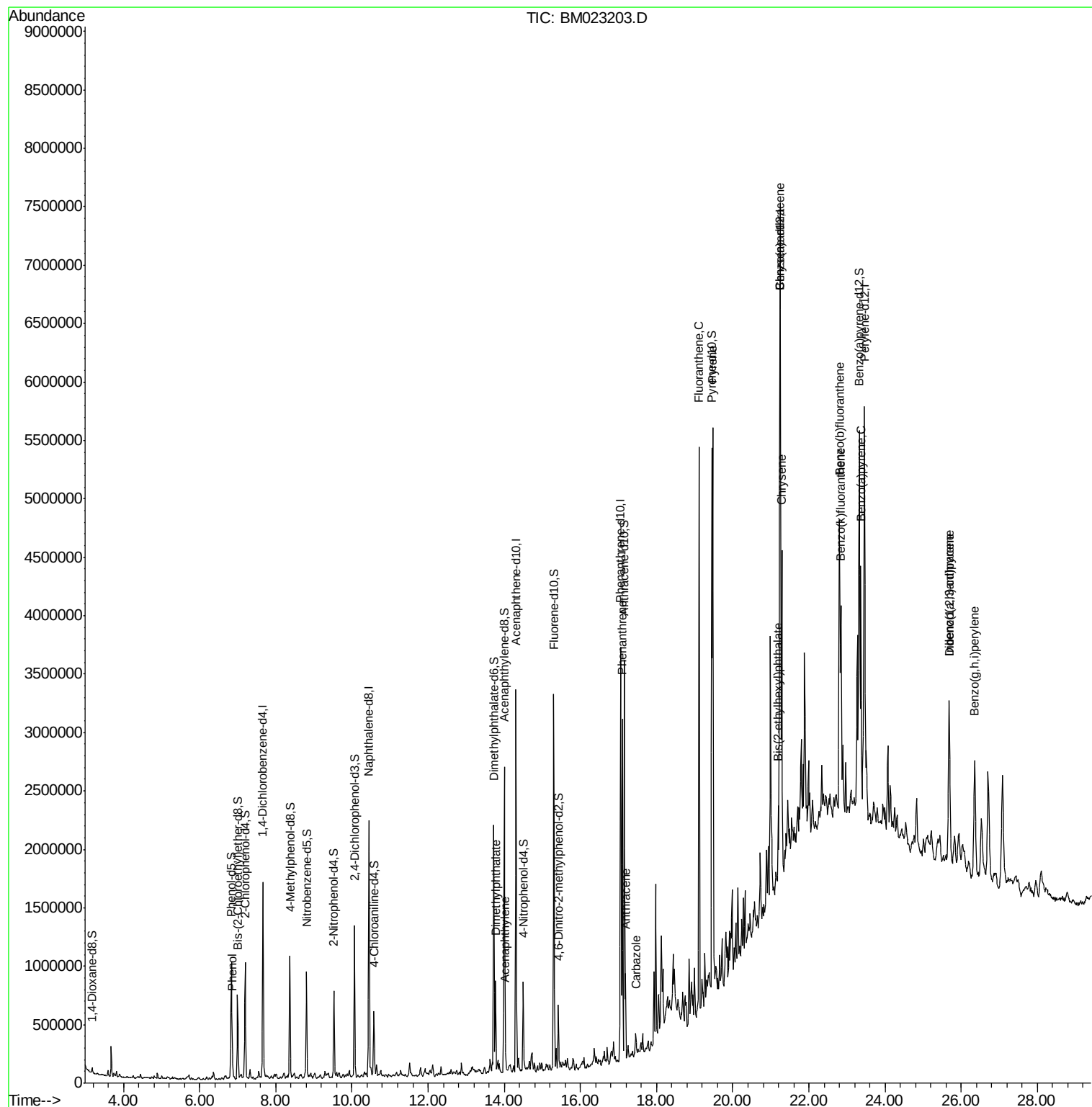
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101619\
Data File : BM023203.D
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Misc :
ALS Vial : 10 Sample Multiplier: 1

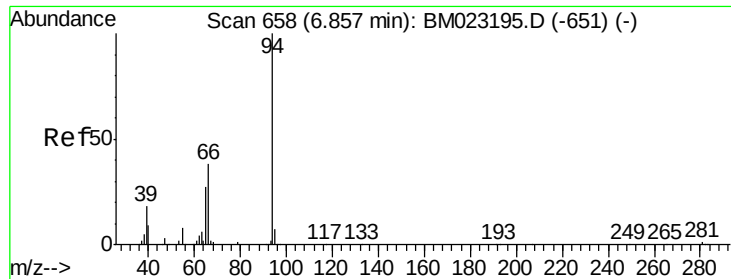
Instrument :
BNA_M
ClientSampleId :
BFB71

Quant Time: Oct 17 05:57:54 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION
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#6

Phenol

Concen: 2.490 ng/ul

RT: 6.86 min Scan# 658

Delta R.T. -0.00 min

Lab File: BM023203.D

Acq: 16 Oct 2019 22:45

Instrument :

BNA_M

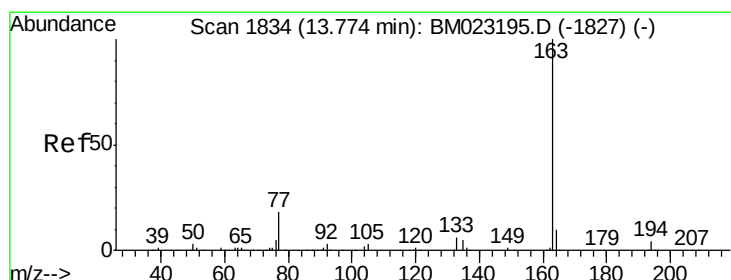
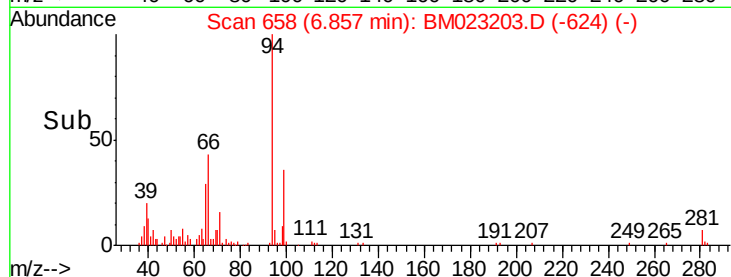
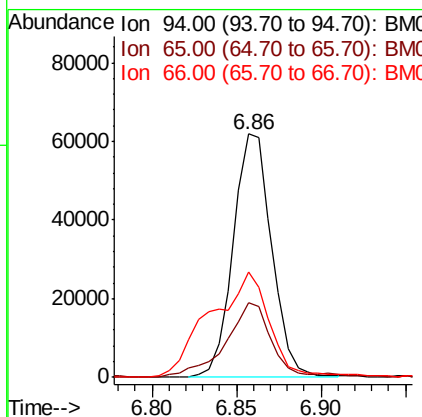
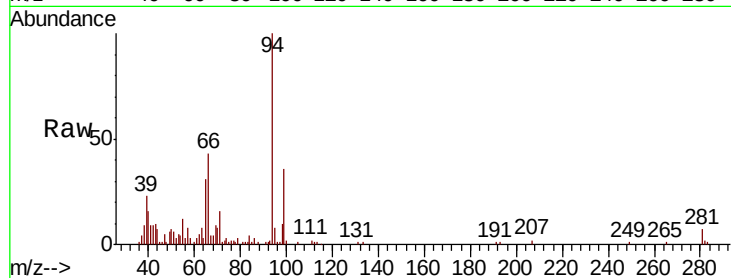
ClientSampleId :

BFB71

Tot Ion:	94	Resp:	98289
Ion	Ratio	Lower	Upper
94	100		
65	30.7	23.7	35.5
66	43.1	32.9	49.3

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#45

Dimethylphthalate

Concen: 5.978 ng/ul

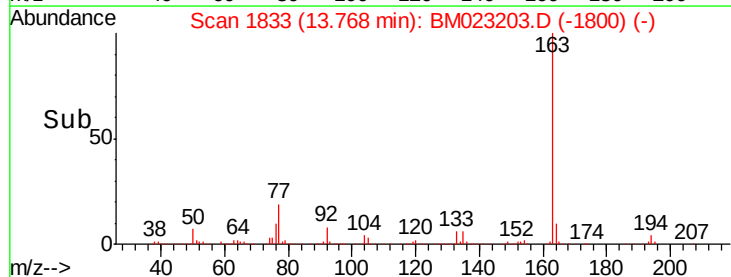
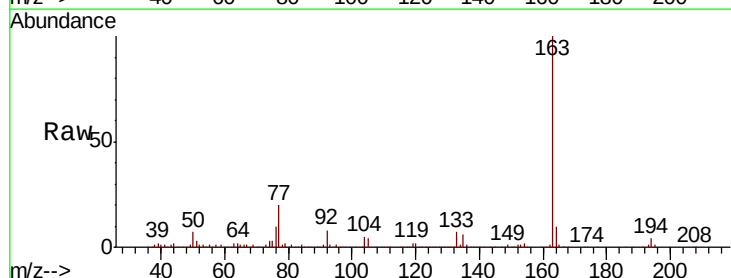
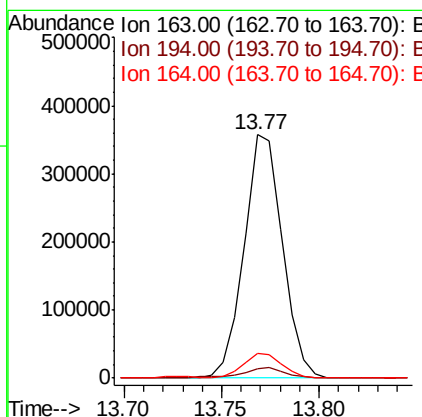
RT: 13.77 min Scan# 1833

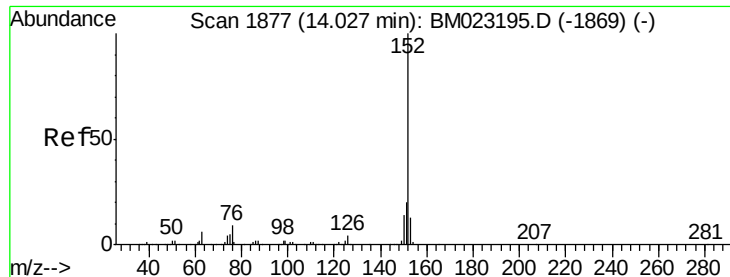
Delta R.T. -0.01 min

Lab File: BM023203.D

Acq: 16 Oct 2019 22:45

Tgt Ion:	163	Resp:	485722
Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.5	5.3
164	10.0	8.0	12.0





#48

Acenaphthylene

Concen: 1.738 ng/ul

RT: 14.03 min Scan# 1877

Delta R.T. -0.00 min

Lab File: BM023203.D

Acq: 16 Oct 2019 22:45

Instrument :

BNA_M

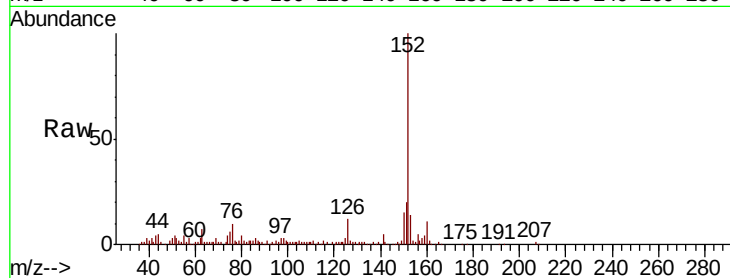
ClientSampled :

BFB71

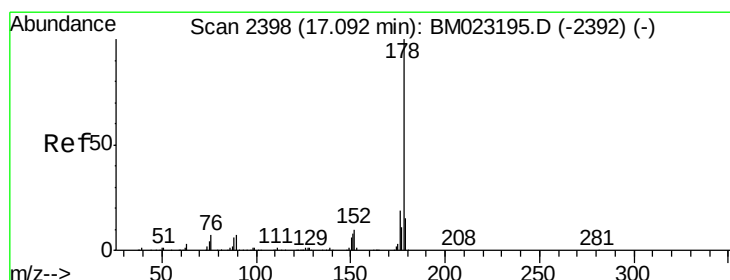
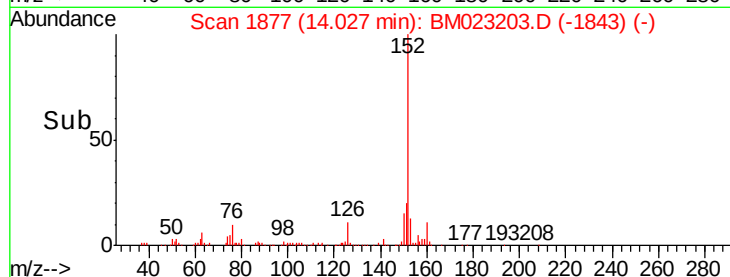
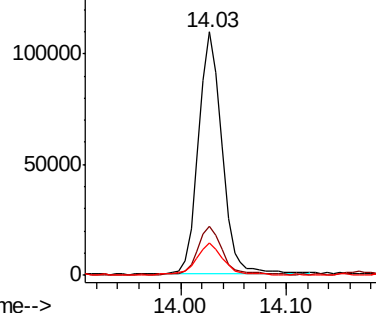
Tot Ion:	152	Resp:	169157
Ion Ratio	Lower	Upper	
152	100		
151	20.3	15.8	23.6
153	13.5	10.3	15.5

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#70

Phenanthrene

Concen: 15.066 ng/ul

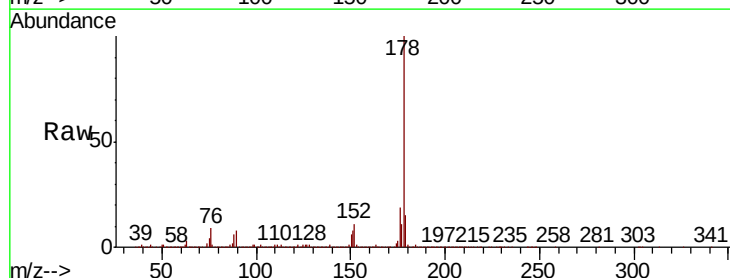
RT: 17.10 min Scan# 2399

Delta R.T. 0.01 min

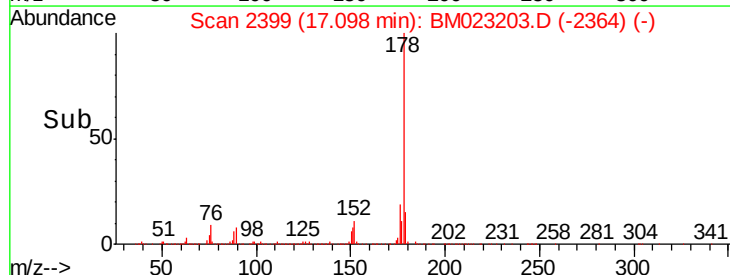
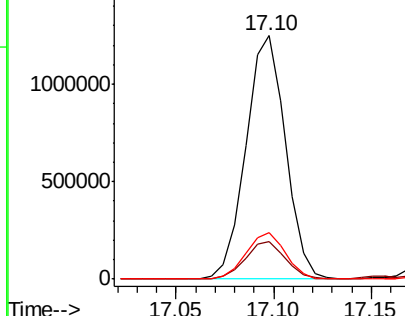
Lab File: BM023203.D

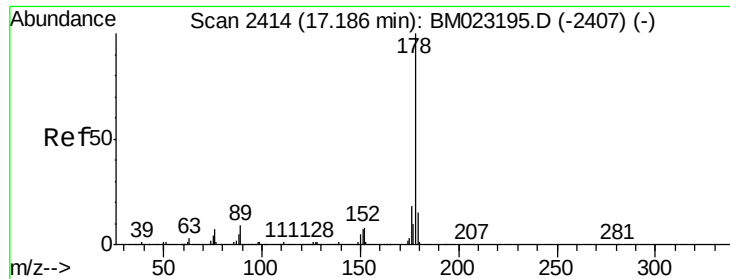
Acq: 16 Oct 2019 22:45

Tgt Ion:	178	Resp:	1745591
Ion Ratio	Lower	Upper	
178	100		
179	15.4	12.3	18.5
176	19.0	15.5	23.3



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: 3.571 ng/ul

RT: 17.19 min Scan# 2414

Delta R.T. -0.00 min

Lab File: BM023203.D

Acq: 16 Oct 2019 22:45

Instrument :

BNA_M

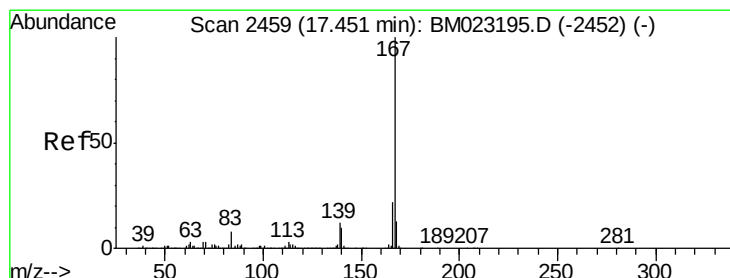
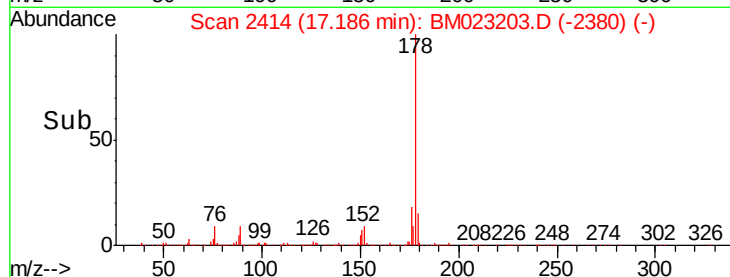
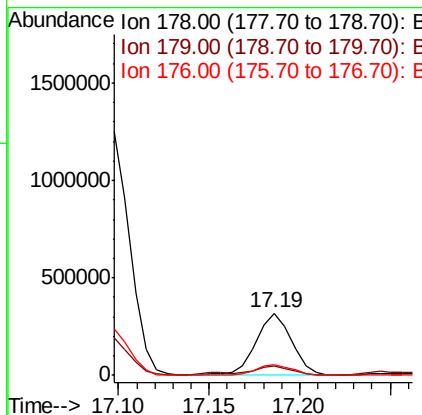
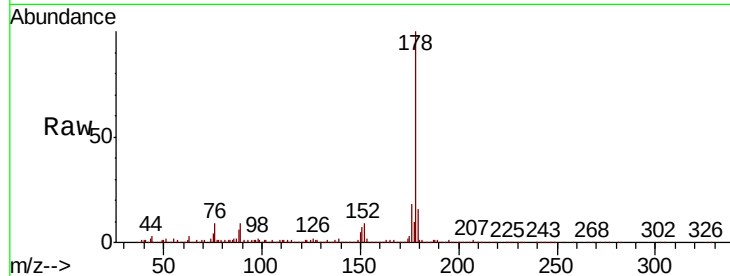
ClientSampleId :

BFB71

Tot Ion:	178	Resp:	427563
Ion Ratio	Lower	Upper	
178	100		
179	15.5	12.3	18.5
176	17.9	15.0	22.4

Manual Integrations
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#75

Carbazole

Concen: 1.039 ng/ul

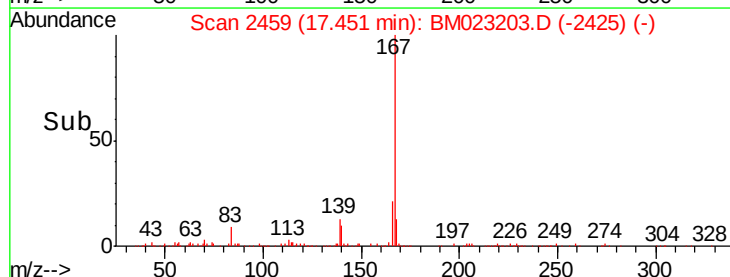
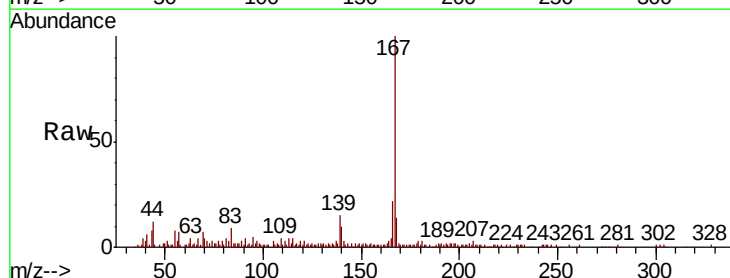
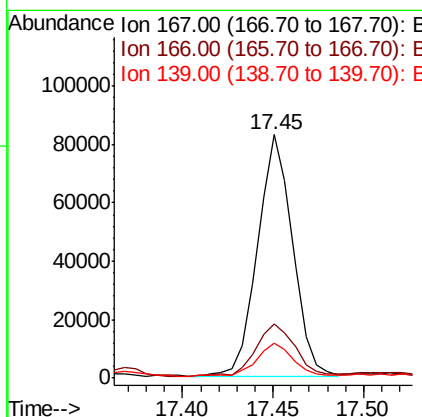
RT: 17.45 min Scan# 2459

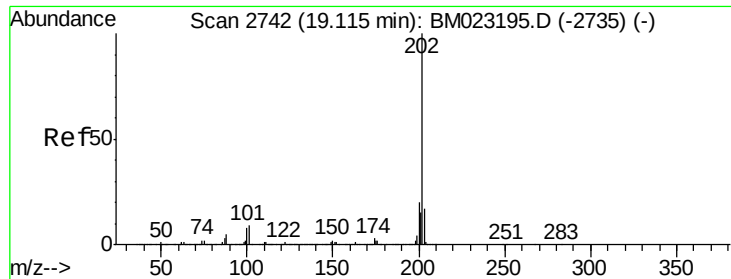
Delta R.T. -0.00 min

Lab File: BM023203.D

Acq: 16 Oct 2019 22:45

Tgt Ion:	167	Resp:	111166
Ion Ratio	Lower	Upper	
167	100		
166	22.4	17.4	26.0
139	14.6	10.2	15.2





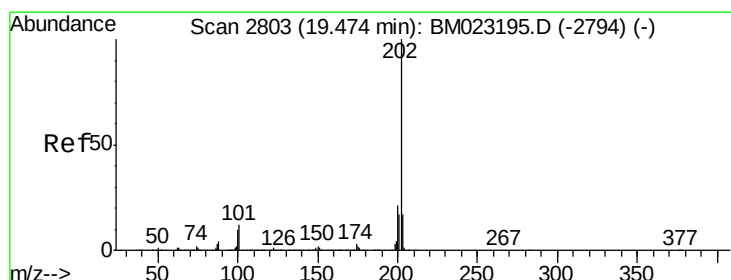
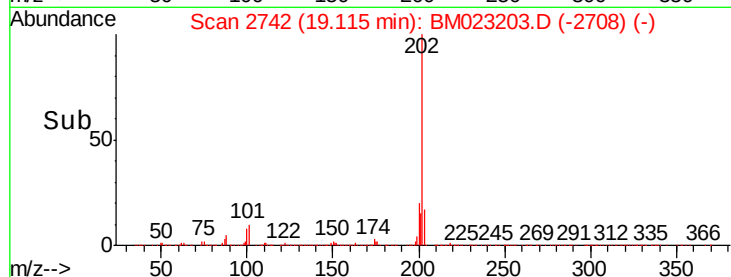
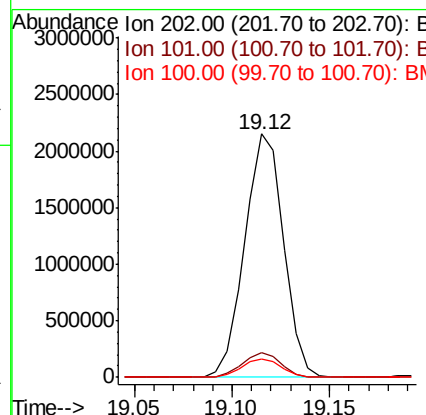
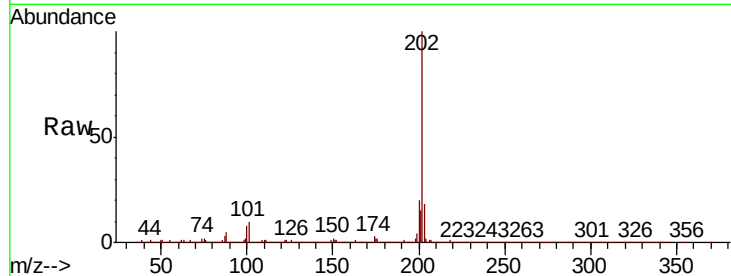
#77
 Fluoranthene
 Concen: 21.440 ng/ul
 RT: 19.12 min Scan# 2742
 Delta R.T. -0.00 min
 Lab File: BM023203.D
 Acq: 16 Oct 2019 22:45

Instrument :
 BNA_M
 ClientSampleId :
 BFB71

Tot Ion:	202	Resp:	2954180
Ion	Ratio	Lower	Upper
202	100		
101	10.3	7.8	11.8
100	7.8	6.1	9.1

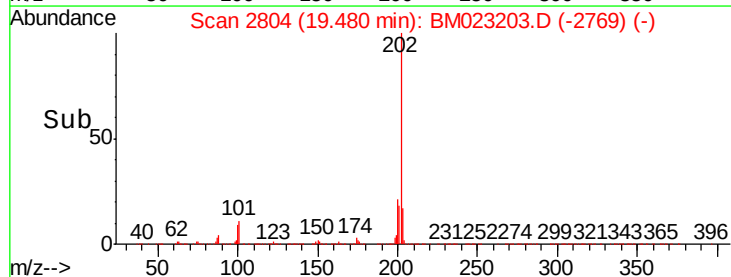
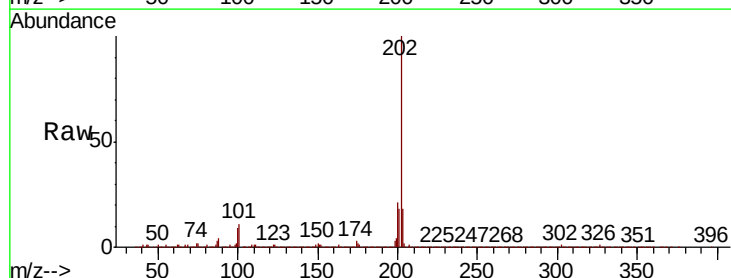
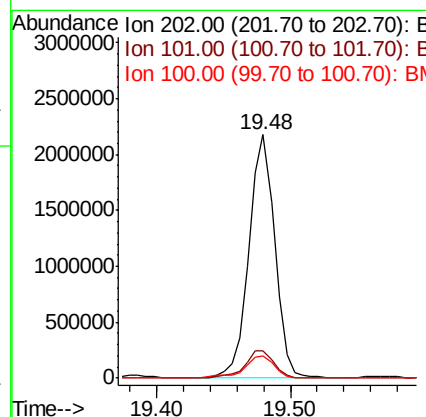
Manual Integrations
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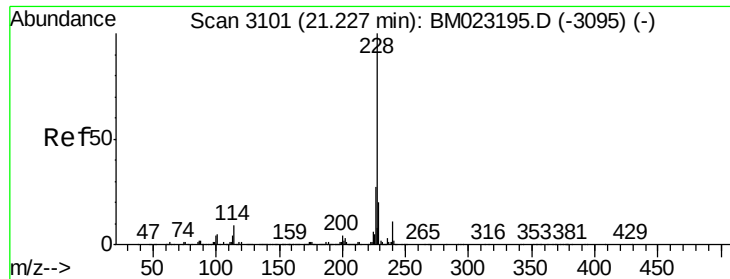
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#80
 Pyrene
 Concen: 22.316 ng/ul
 RT: 19.48 min Scan# 2804
 Delta R.T. 0.01 min
 Lab File: BM023203.D
 Acq: 16 Oct 2019 22:45

Tgt Ion:	202	Resp:	2879120
Ion	Ratio	Lower	Upper
202	100		
101	11.4	9.1	13.7
100	9.4	7.5	11.3





#83

Benzo(a)anthracene

Concen: 11.650 ng/ul

RT: 21.23 min Scan# 3102

Delta R.T. 0.01 min

Lab File: BM023203.D

Acq: 16 Oct 2019 22:45

Instrument :

BNA_M

ClientSampleId :

BFB71

Tot Ion:228 Resp: 1625672

Ion	Ratio	Lower	Upper
228	100		
229	21.0	15.7	23.5
226	29.7	21.6	32.4

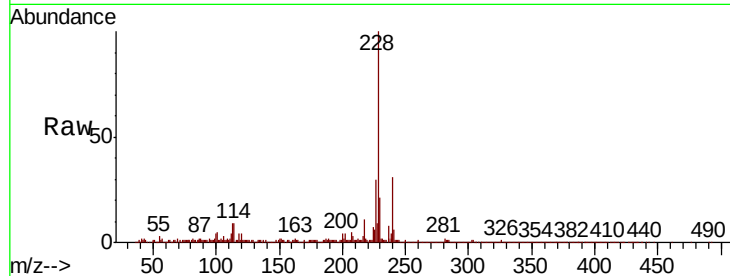
228 100

229 21.0 15.7 23.5

226 29.7 21.6 32.4

Manual Integrations
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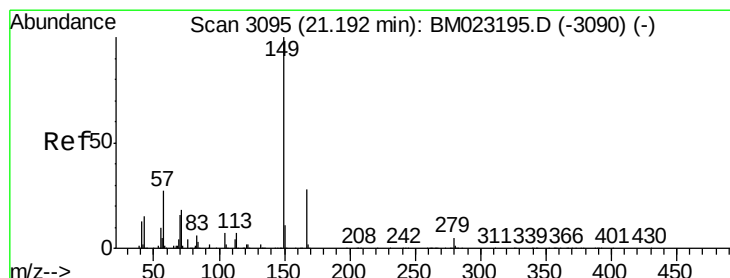
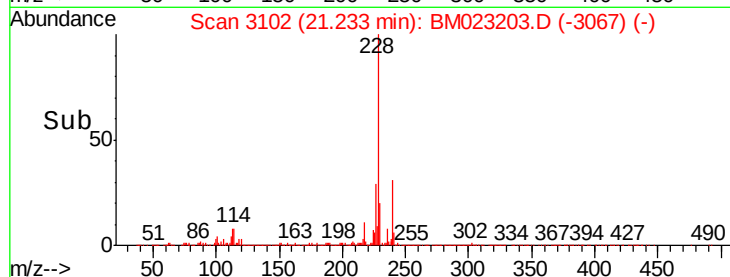
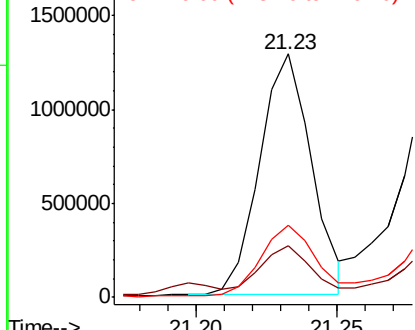


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 2.502 ng/ul

RT: 21.20 min Scan# 3096

Delta R.T. 0.01 min

Lab File: BM023203.D

Acq: 16 Oct 2019 22:45

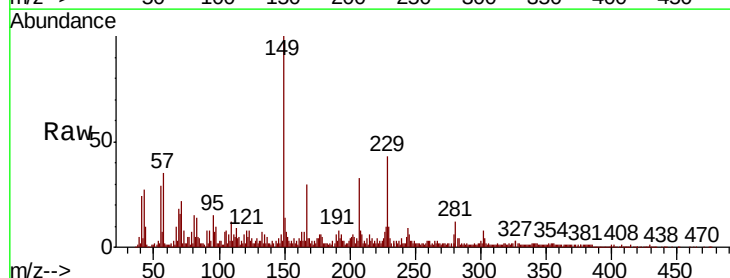
Tgt Ion:149 Resp: 178557

Ion	Ratio	Lower	Upper
149	100		
167	29.9	22.5	33.7
279	6.2	4.0	6.0

149 100

167 29.9 22.5 33.7

279 6.2 4.0 6.0

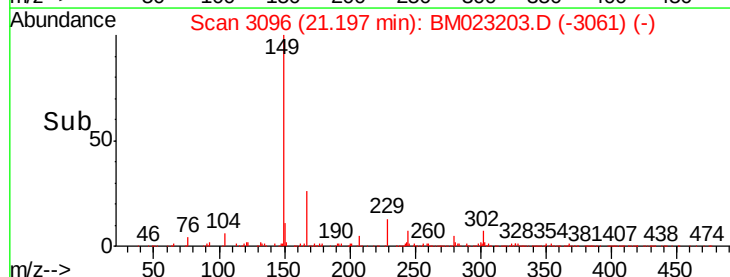
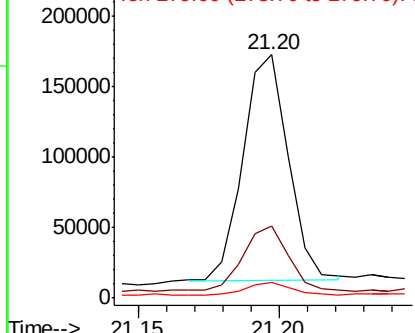


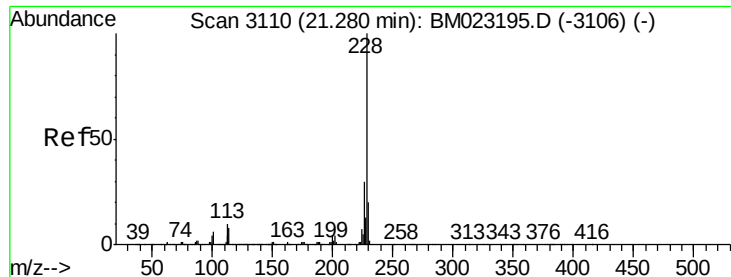
Abundance

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: 12.488 ng/ul

RT: 21.29 min Scan# 3111

Delta R.T. 0.01 min

Lab File: BM023203.D

Acq: 16 Oct 2019 22:45

Instrument :

BNA_M

ClientSampleId :

BFB71

Tot Ion:228 Resp: 1618105

Ion Ratio Lower Upper

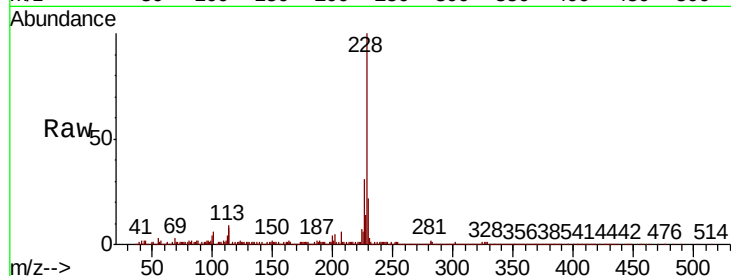
228 100

226 30.5 23.8 35.6

229 21.8 15.5 23.3

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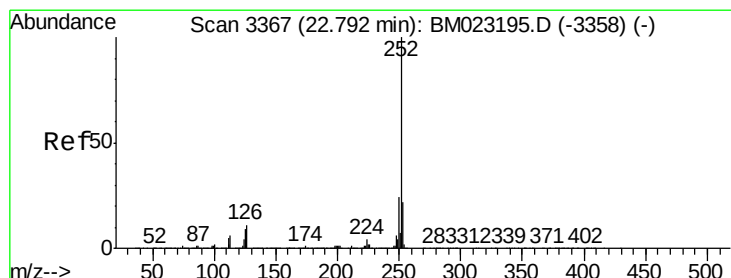
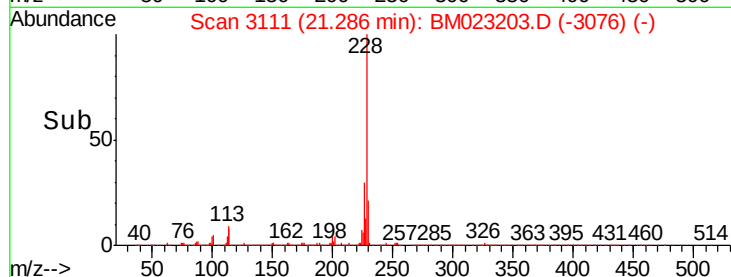
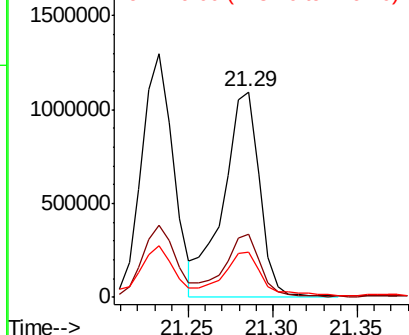


Abundance

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: 14.805 ng/ul

RT: 22.80 min Scan# 3369

Delta R.T. 0.01 min

Lab File: BM023203.D

Acq: 16 Oct 2019 22:45

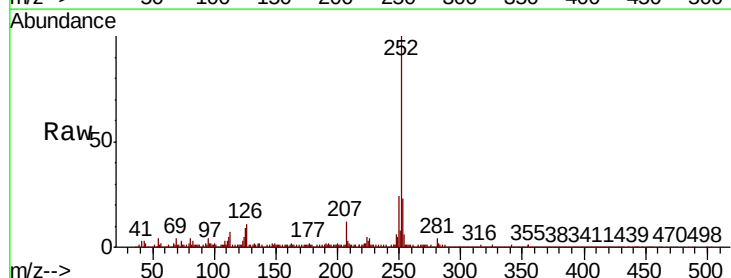
Tgt Ion:252 Resp: 2289317

Ion Ratio Lower Upper

252 100

253 23.1 17.6 26.4

125 9.1 6.4 9.6

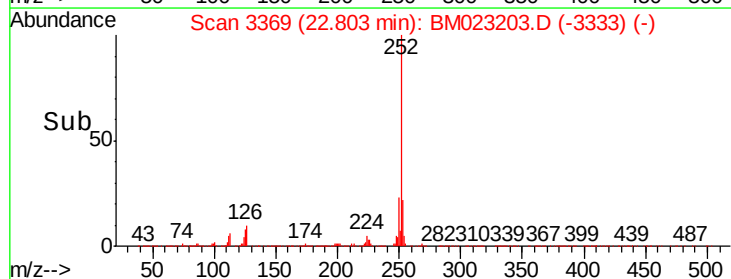
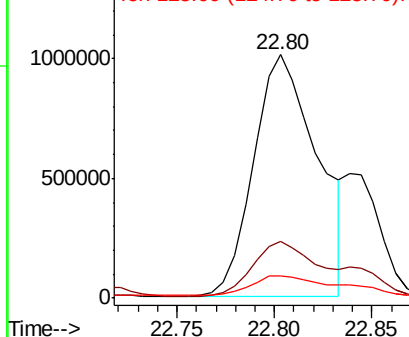


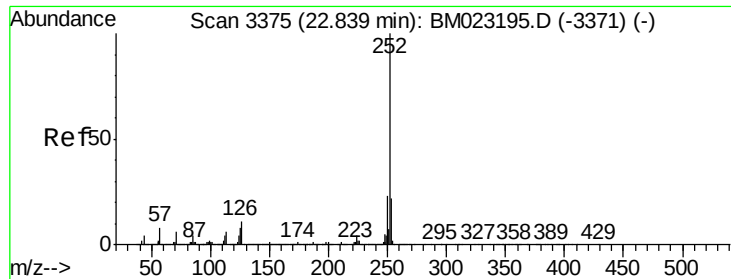
Abundance

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: 4.311 ng/ul m

RT: 22.84 min Scan# 3375

Delta R.T. -0.00 min

Lab File: BM023203.D

Acq: 16 Oct 2019 22:45

Instrument :

BNA_M

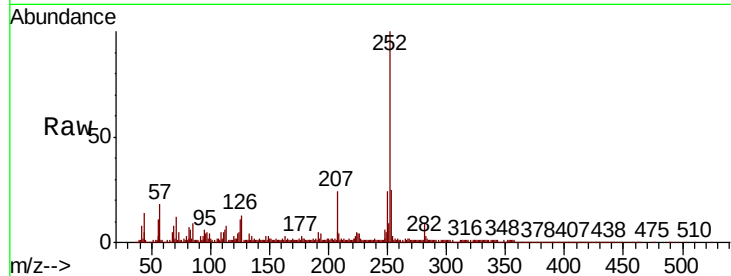
ClientSampleId :

BFB71

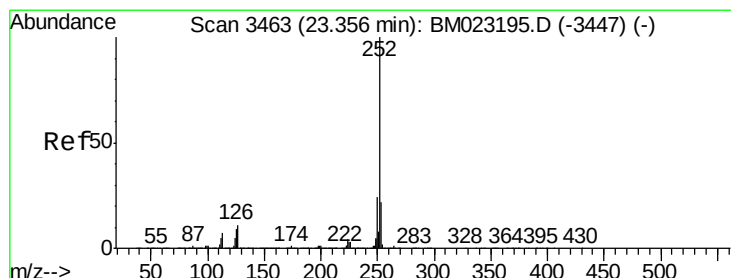
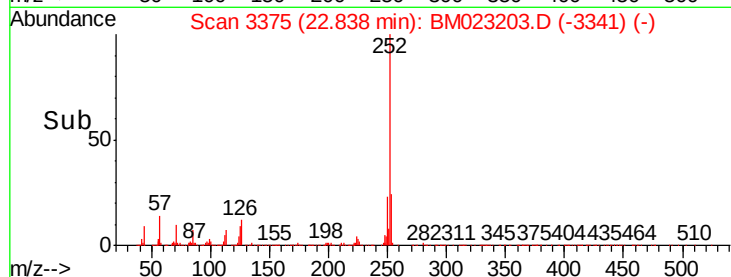
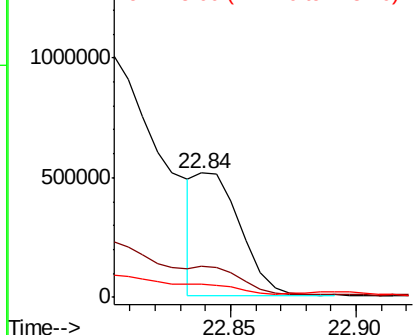
Tot Ion:	252	Resp:	640162
Ion Ratio	Lower	Upper	
252	100		
253	25.2	17.4	26.0
125	10.6	6.5	9.7#

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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: 10.783 ng/ul

RT: 23.36 min Scan# 3464

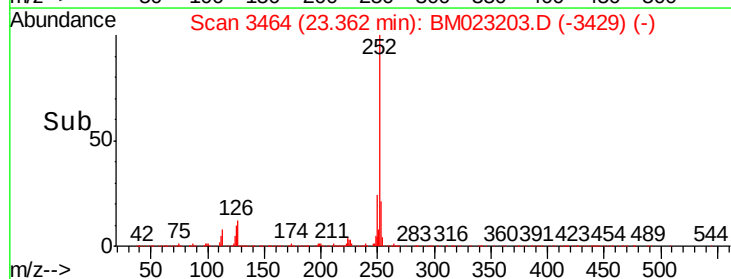
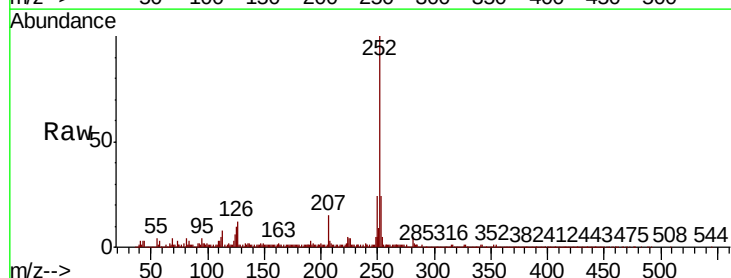
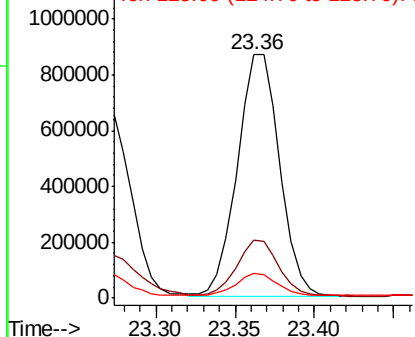
Delta R.T. 0.01 min

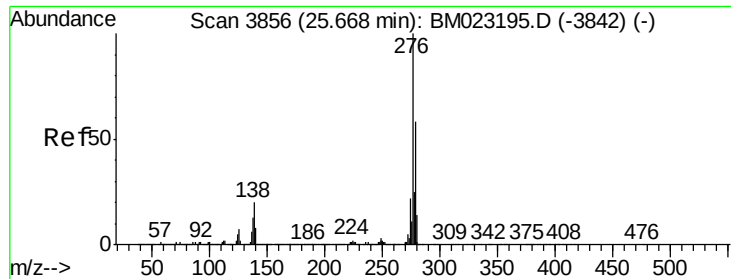
Lab File: BM023203.D

Acq: 16 Oct 2019 22:45

Tgt Ion:	252	Resp:	1599638
Ion Ratio	Lower	Upper	
252	100		
253	23.6	17.2	25.8
125	10.4	7.4	11.0

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: 6.729 ng/ul

RT: 25.68 min Scan# 3858

Delta R.T. 0.01 min

Lab File: BM023203.D

Acq: 16 Oct 2019 22:45

Instrument :

BNA_M

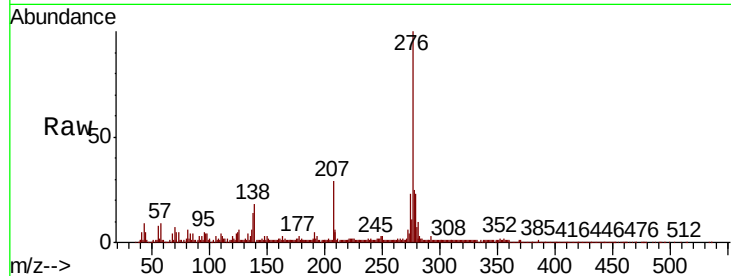
ClientSampleId :

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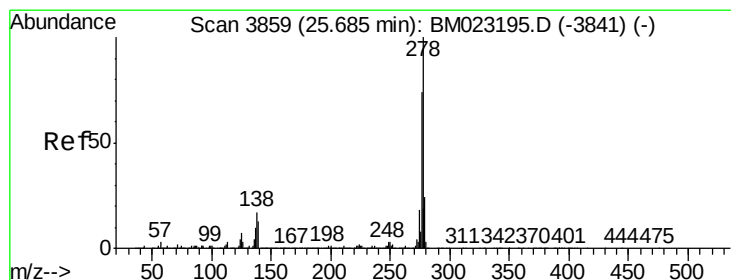
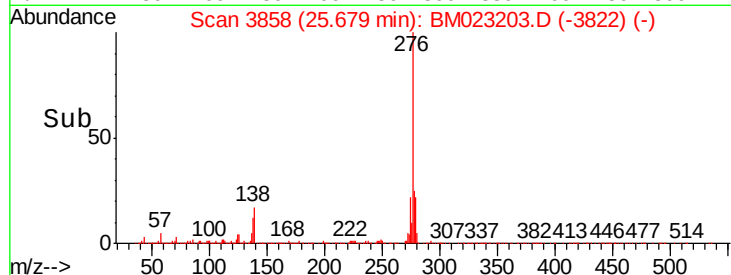
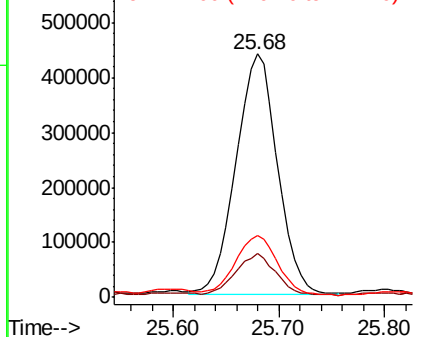
Tot Ion:	276	Resp:	1187544
Ion Ratio	Lower	Upper	
276	100		
138	17.9	14.9	22.3
277	25.3	19.8	29.8

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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



#93

Dibenzo(a,h)anthracene

Concen: 2.285 ng/ul

RT: 25.69 min Scan# 3859

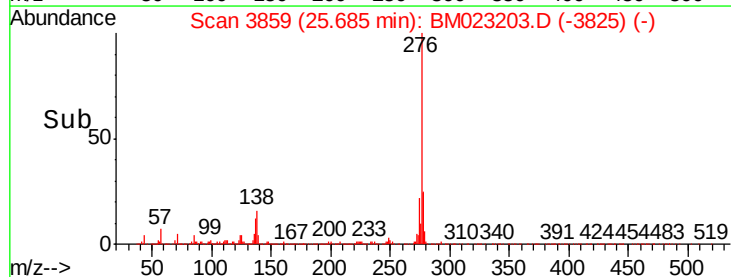
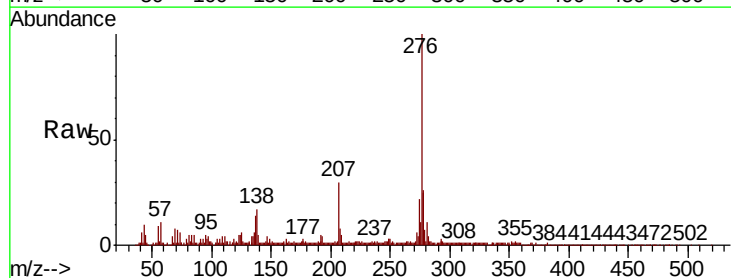
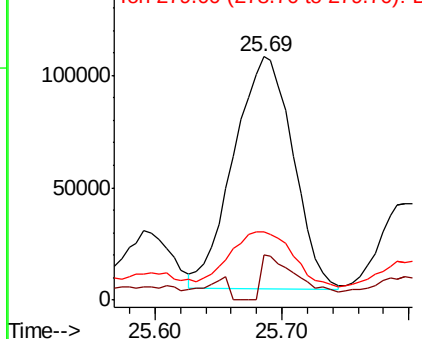
Delta R.T. -0.00 min

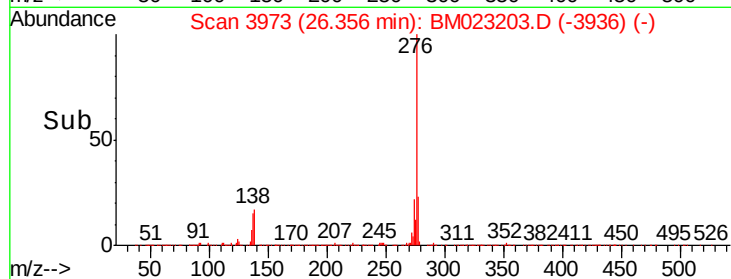
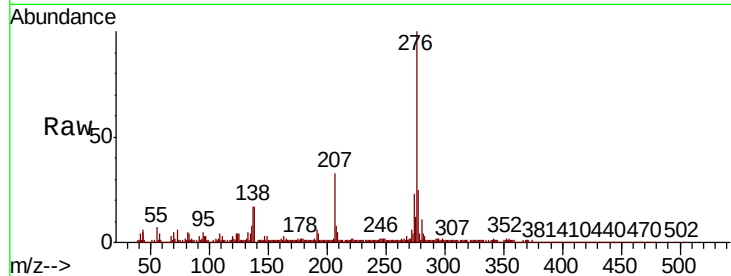
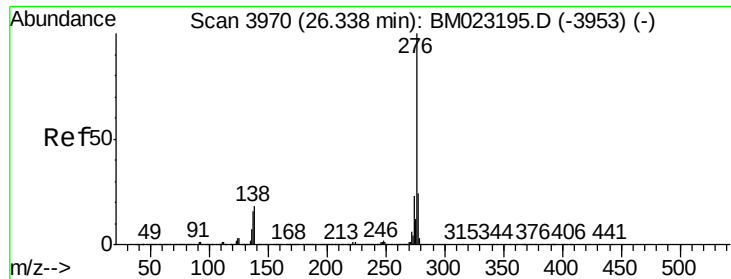
Lab File: BM023203.D

Acq: 16 Oct 2019 22:45

Tgt Ion:	278	Resp:	337221
Ion Ratio	Lower	Upper	
278	100		
139	18.4	10.0	15.0#
279	27.8	19.4	29.0

Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#94

Benzo(a,h,i)perylene

Concen: 8.308 ng/ul

RT: 26.36 min Scan# 3973

Delta R.T. 0.02 min

Lab File: BM023203.D

Acq: 16 Oct 2019 22:45

Tot Ion:	276	Resp:	1207207
Ion Ratio	Lower	Upper	
276	100		
138	17.5	14.4	21.6
277	24.6	19.4	29.2

Instrument :

BNA_M

ClientSampleId :

BFB71

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