

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101619\
 Data File : BM023212.D
 Acq On : 17 Oct 2019 09:14
 Operator : JU
 Sample : K5262-13
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BFB77

Manual Integrations
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 10/18/2019 8:27:47 AM

Quant Time: Oct 17 14:03:05 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 17 12:33:14 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	443548	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	1737689	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.31	164	976432	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.06	188	1834264	20.00	ng/ul	0.00
78) Chrysene-d12	21.24	240	1813788	20.00	ng/ul	0.00
86) Perylene-d12	23.46	264	2250043	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.18	96	39065	3.88	ng/uL	0.00
5) Phenol-d5	6.83	99	656014	16.98	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	457568	20.94	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	599284	20.27	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	542961	17.50	ng/ul	0.00
19) Nitrobenzene-d5	8.81	128	291896	24.83	ng/ul	0.00
22) 2-Nitrophenol-d4	9.53	143	318076	28.41	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	553162	19.43	ng/ul	0.00
29) 4-Chloroaniline-d4	10.58	131	389017	11.23	ng/ul	0.00
44) Dimethylphthalate-d6	13.73	166	1659275	22.17	ng/ul	0.00
47) Acenaphthylene-d8	14.00	160	1994068	22.72	ng/ul	0.00
52) 4-Nitrophenol-d4	14.50	143	105957	8.75	ng/ul	0.00
58) Fluorene-d10	15.30	176	1378815	21.63	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.42	200	108036	14.86	ng/ul	0.00
71) Anthracene-d10	17.15	188	1999161	22.60	ng/ul	0.00
79) Pyrene-d10	19.45	212	2079686	23.68	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.32	264	2544081	22.31	ng/ul	0.00

Target Compounds

					Ovalue	
6) Phenol	6.86	94	125655	3.154	ng/ul	95
28) Naphthalene	10.49	128	144403	1.608	ng/ul	99
45) Dimethylphthalate	13.77	163	486567	6.497	ng/ul	99
48) Acenaphthylene	14.03	152	368516	4.107	ng/ul	99
50) Acenaphthene	14.37	153	82266	1.317	ng/ul	96
59) Fluorene	15.36	166	81431	1.119	ng/ul#	98
70) Phenanthrene	17.10	178	1142389	11.098	ng/ul	99
72) Anthracene	17.19	178	397184	3.734	ng/ul	99
77) Fluoranthene	19.12	202	2305598	18.833	ng/ul	99
80) Pyrene	19.48	202	2546566	22.412	ng/ul	99
83) Benzo(a)anthracene	21.23	228	1655716m	13.472	ng/ul	
84) Bis(2-ethylhexyl)phthalate	21.19	149	1047522	16.670	ng/ul	100
85) Chrysene	21.28	228	1667168	14.610	ng/ul	95
88) Benzo(b)fluoranthene	22.80	252	2485483	18.219	ng/ul#	96
89) Benzo(k)fluoranthene	22.84	252	654015m	4.993	ng/ul	
91) Benzo(a)pyrene	23.36	252	1935021	14.784	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	25.68	276	1492619	9.586	ng/ul	98
93) Dibenzo(a,h)anthracene	25.69	278	427918	3.287	ng/ul#	89
94) Benzo(g,h,i)perylene	26.36	276	1379502	10.761	ng/ul	99

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

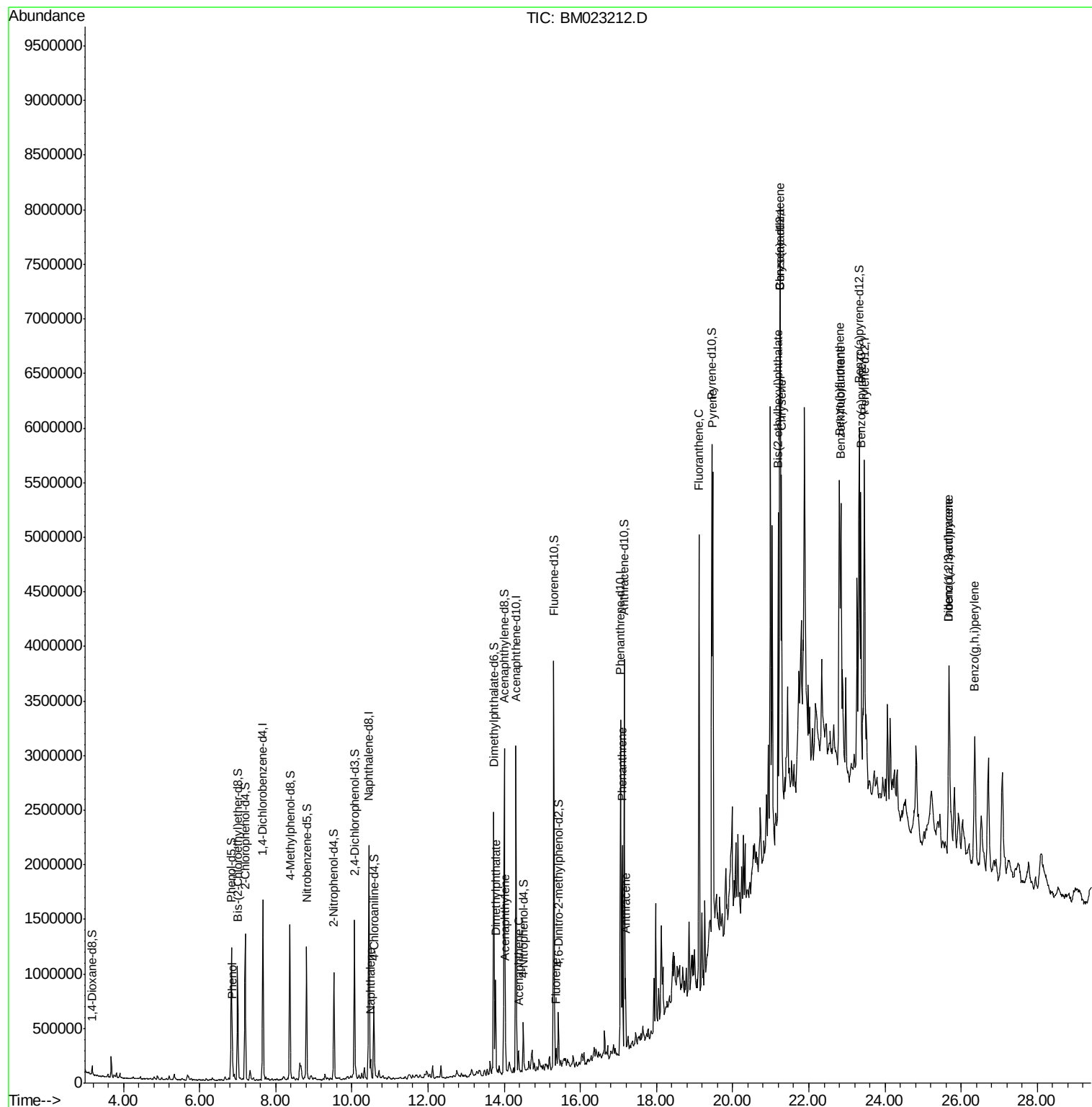
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101619\
Data File : BM023212.D
Acq On : 17 Oct 2019 09:14
Operator : JU
Sample : K5262-13
Misc :
ALS Vial : 19 Sample Multiplier: 1

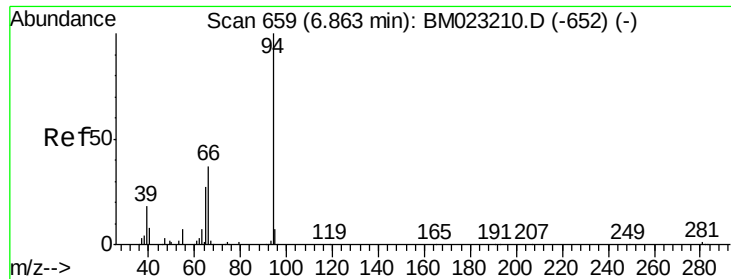
Instrument :
BNA_M
ClientSampleId :
BFB77

Quant Time: Oct 17 14:03:05 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 17 12:33:14 2019
Response via : Initial Calibration

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#6

Phenol

Concen: 3.154 ng/ul

RT: 6.86 min Scan# 659

Delta R.T. 0.01 min

Lab File: BM023212.D

Acq: 17 Oct 2019 09:14

Instrument :

BNA_M

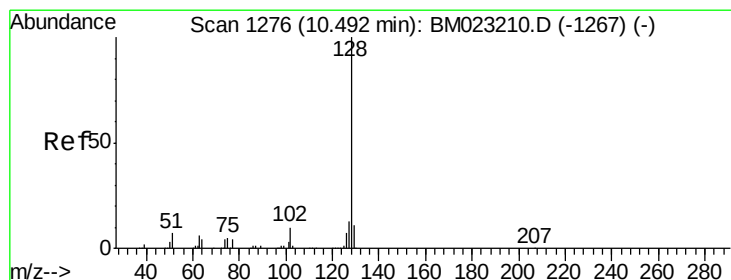
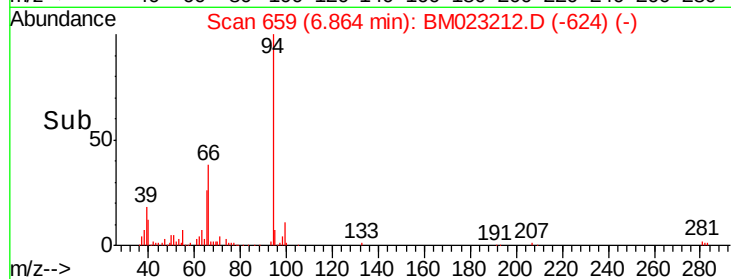
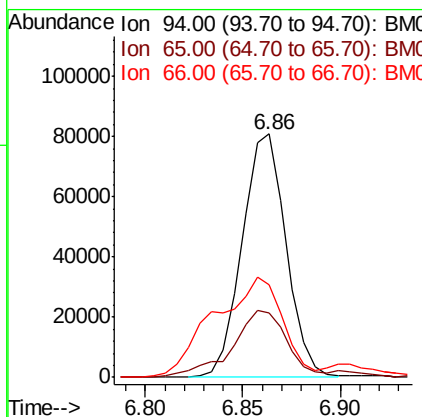
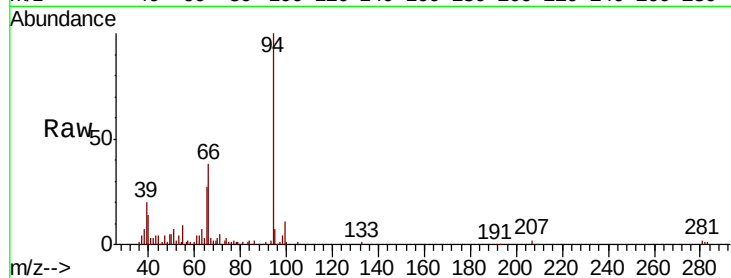
ClientSampled :

BFB77

Tot Ion:	94	Resp:	125655
Ion	Ratio	Lower	Upper
94	100		
65	26.7	23.7	35.5
66	37.9	32.9	49.3

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#28

Naphthalene

Concen: 1.608 ng/ul

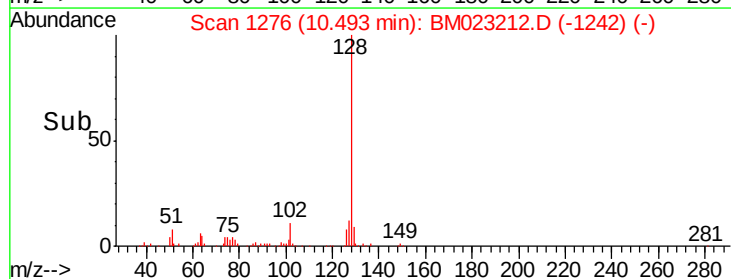
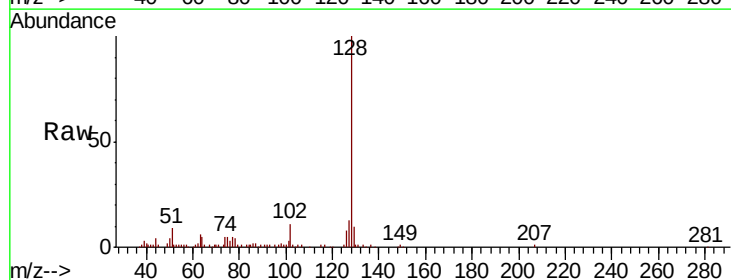
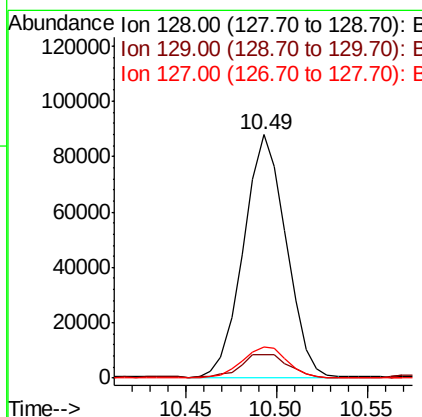
RT: 10.49 min Scan# 1276

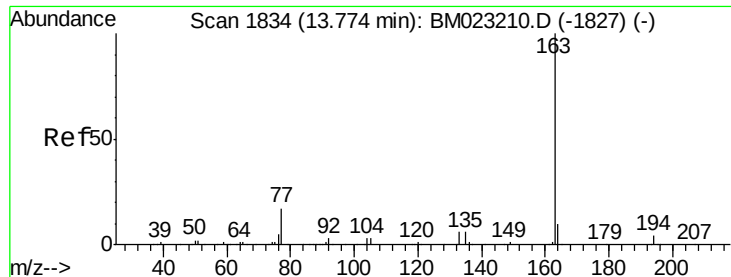
Delta R.T. 0.00 min

Lab File: BM023212.D

Acq: 17 Oct 2019 09:14

Tgt Ion:	128	Resp:	144403
Ion	Ratio	Lower	Upper
128	100		
129	9.9	8.3	12.5
127	12.7	10.2	15.4





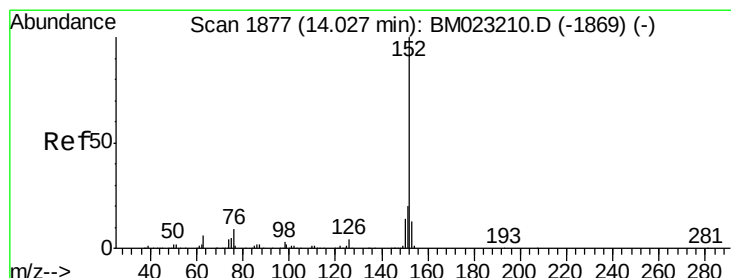
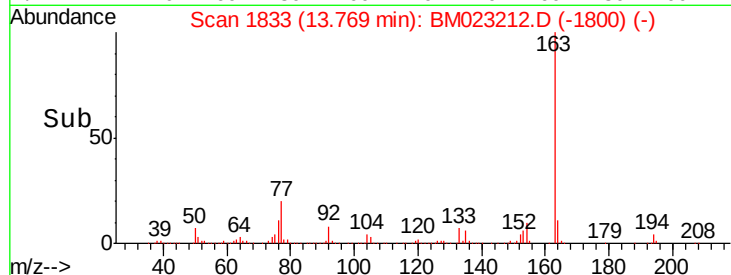
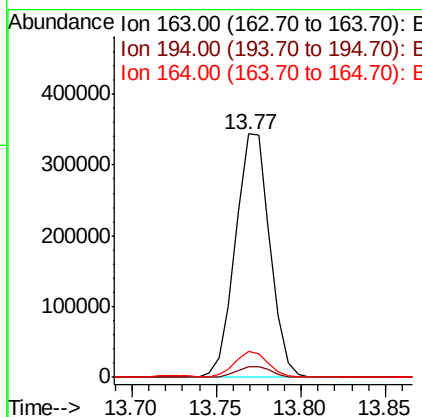
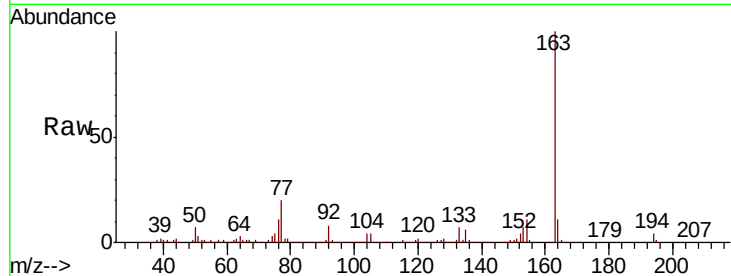
#45
Dimethylphthalate
Concen: 6.497 ng/ul
RT: 13.77 min Scan# 1833
Delta R.T. -0.01 min
Lab File: BM023212.D
Acq: 17 Oct 2019 09:14

Instrument :
BNA_M
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.5	5.3
164	10.5	8.0	12.0

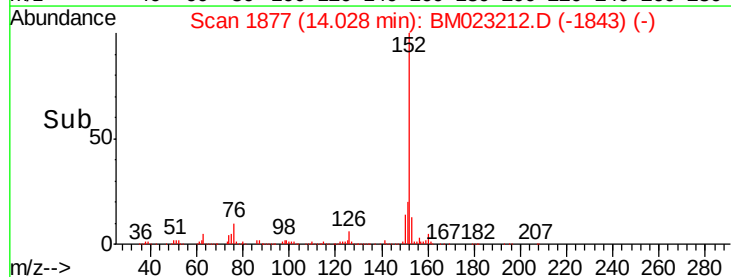
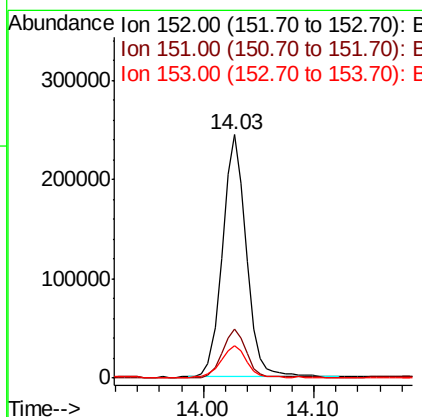
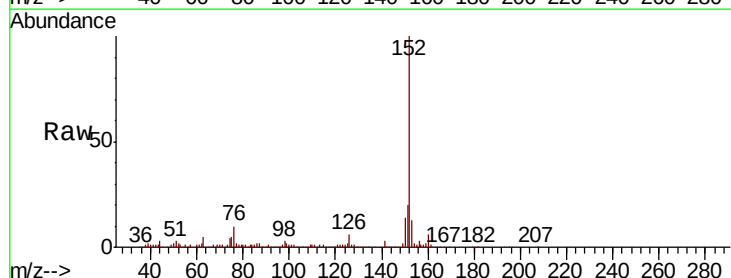
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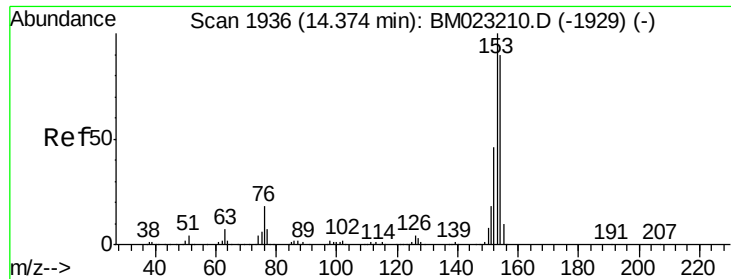
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#48
Acenaphthylene
Concen: 4.107 ng/ul
RT: 14.03 min Scan# 1877
Delta R.T. 0.00 min
Lab File: BM023212.D
Acq: 17 Oct 2019 09:14

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.8	23.6
153	13.5	10.3	15.5





#50

Acenaphthene

Concen: 1.317 ng/ul

RT: 14.37 min Scan# 1936

Delta R.T. 0.00 min

Lab File: BM023212.D

Acq: 17 Oct 2019 09:14

Instrument :

BNA_M

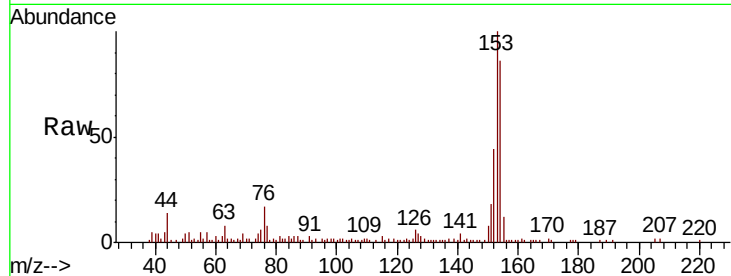
ClientSampleId :

BFB77

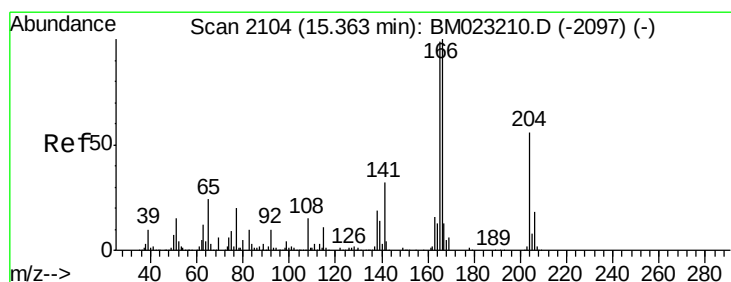
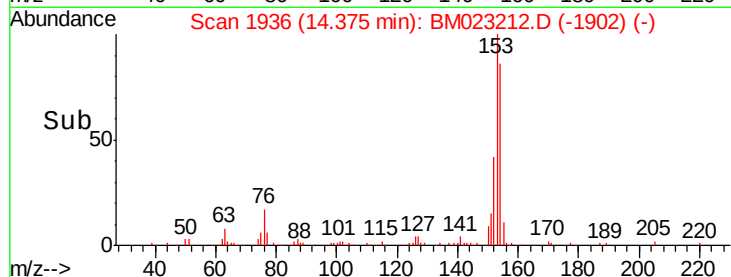
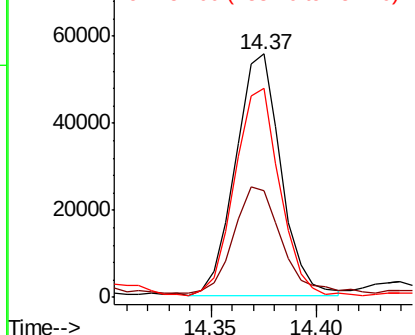
Tot Ion:	153	Resp:	82266
Ion Ratio	Lower	Upper	
153	100		
152	43.6	38.0	57.0
154	85.9	70.4	105.6

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Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E



#59

Fluorene

Concen: 1.119 ng/ul

RT: 15.36 min Scan# 2103

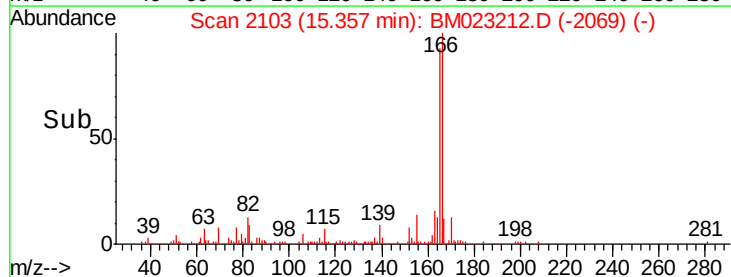
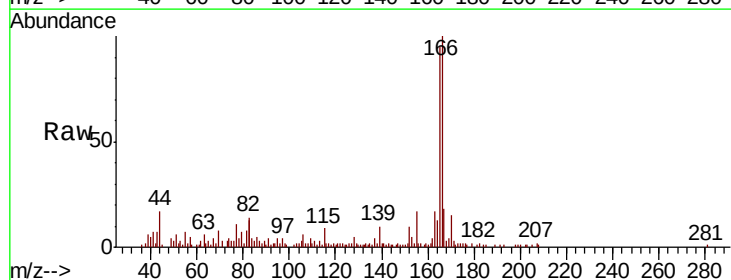
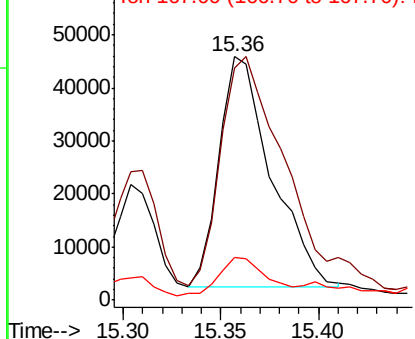
Delta R.T. 0.00 min

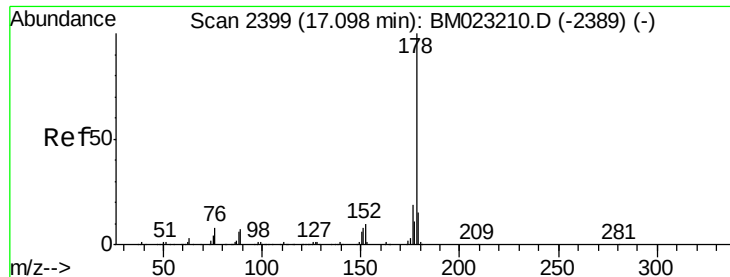
Lab File: BM023212.D

Acq: 17 Oct 2019 09:14

Tgt Ion:	166	Resp:	81431
Ion Ratio	Lower	Upper	
166	100		
165	95.5	77.4	116.0
167	17.6	10.8	16.2#

Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





#70

Phenanthrene

Concen: 11.098 ng/ul

RT: 17.10 min Scan# 2399

Delta R.T. 0.01 min

Lab File: BM023212.D

Acq: 17 Oct 2019 09:14

Instrument :

BNA_M

ClientSampleId :

BFB77

Tot Ion:178 Resp: 1142389

Ion Ratio Lower Upper

178 100

179 15.9 12.3 18.5

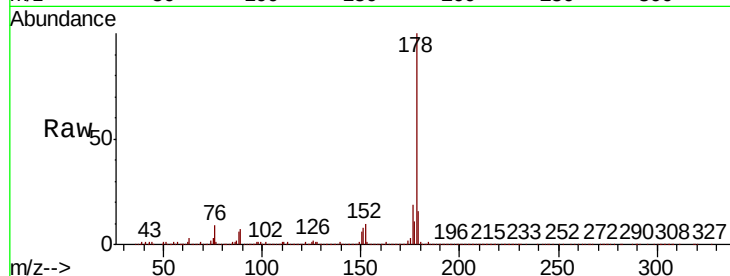
176 19.4 15.5 23.3

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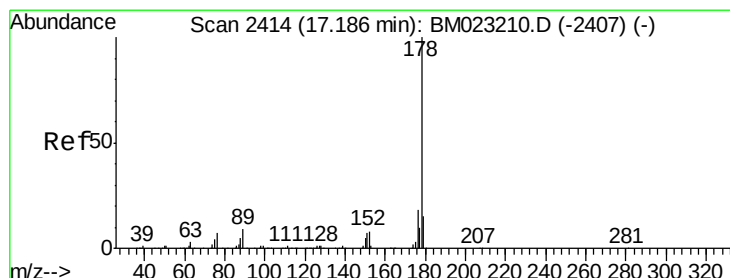
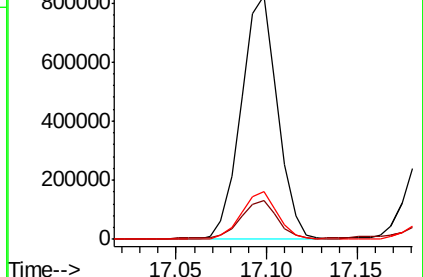
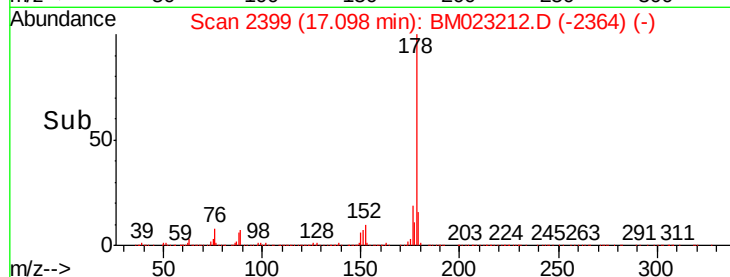
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#72

Anthracene

Concen: 3.734 ng/ul

RT: 17.19 min Scan# 2414

Delta R.T. 0.00 min

Lab File: BM023212.D

Acq: 17 Oct 2019 09:14

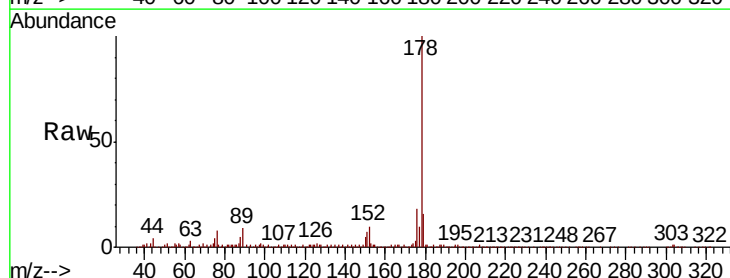
Tgt Ion:178 Resp: 397184

Ion Ratio Lower Upper

178 100

179 16.0 12.3 18.5

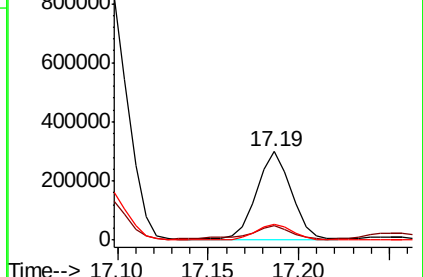
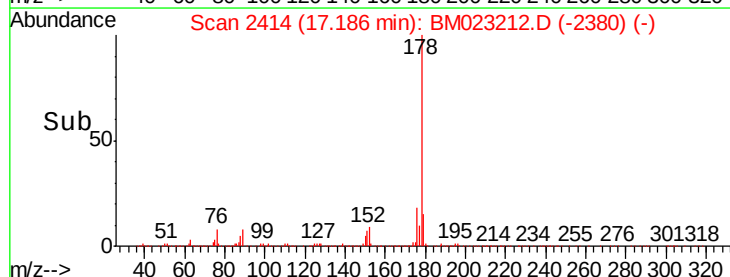
176 18.4 15.0 22.4

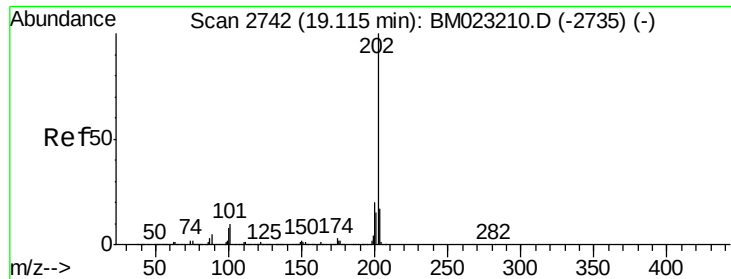


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





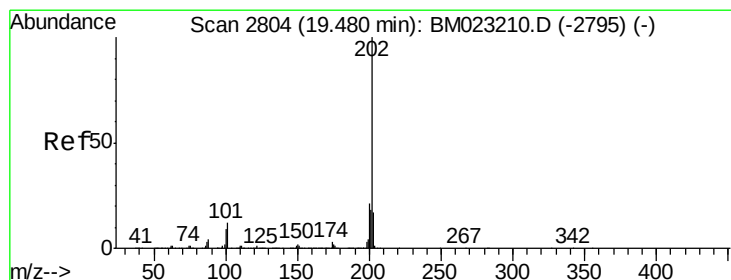
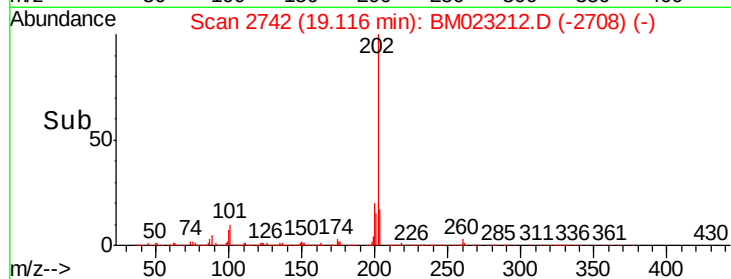
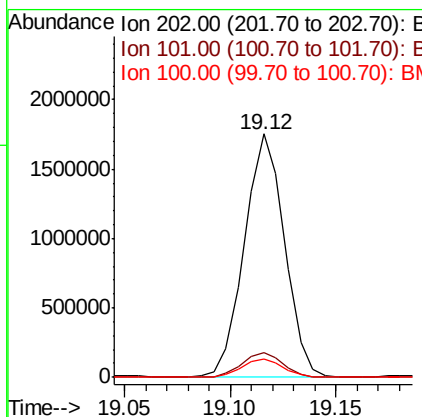
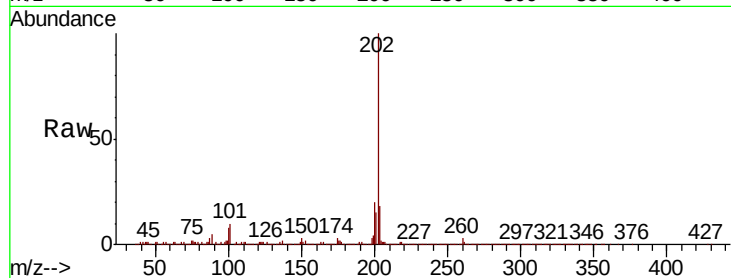
#77
 Fluoranthene
 Concen: 18.833 ng/ul
 RT: 19.12 min Scan# 2742
 Delta R.T. 0.00 min
 Lab File: BM023212.D
 Acq: 17 Oct 2019 09:14

Instrument :
 BNA_M
 ClientSampleId :
 BFB77

Tot Ion	Ratio	Lower	Upper
202	100		
101	10.2	7.8	11.8
100	7.5	6.1	9.1

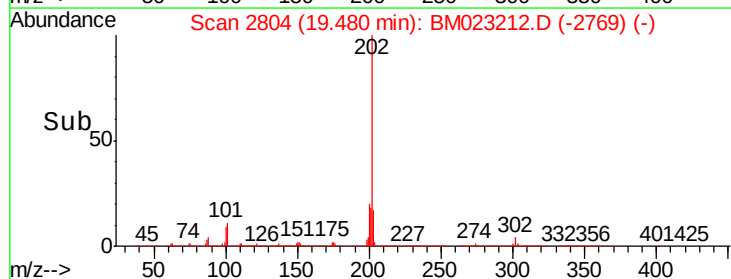
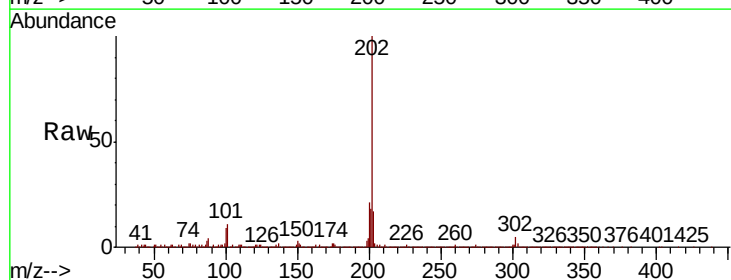
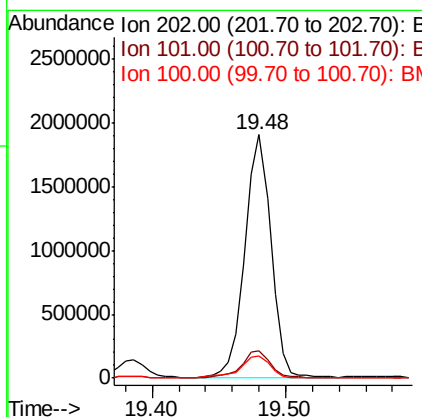
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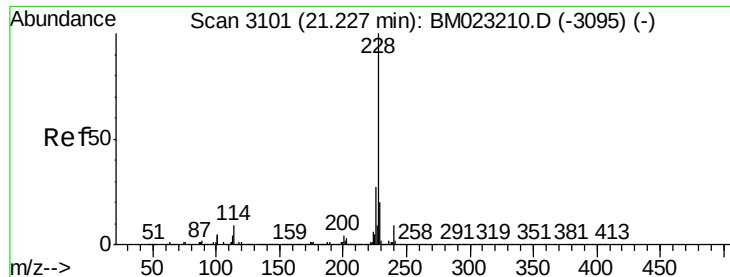
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#80
 Pyrene
 Concen: 22.412 ng/ul
 RT: 19.48 min Scan# 2804
 Delta R.T. 0.01 min
 Lab File: BM023212.D
 Acq: 17 Oct 2019 09:14

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.0	9.1	13.7
100	9.2	7.5	11.3





#83

Benzo(a)anthracene

Concen: 13.472 ng/ul m

RT: 21.23 min Scan# 3102

Delta R.T. 0.01 min

Lab File: BM023212.D

Acq: 17 Oct 2019 09:14

Instrument :

BNA_M

ClientSampleId :

BFB77

Tot Ion:228 Resp: 1655716

Ion Ratio Lower Upper

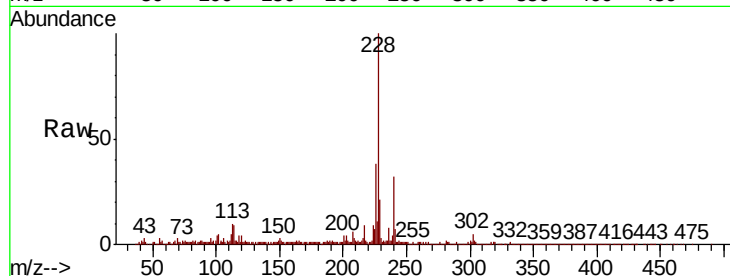
228 100

229 21.4 15.7 23.5

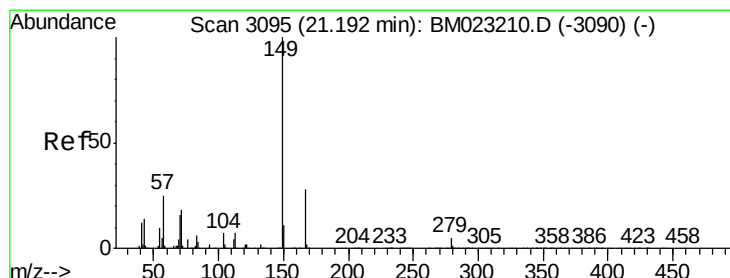
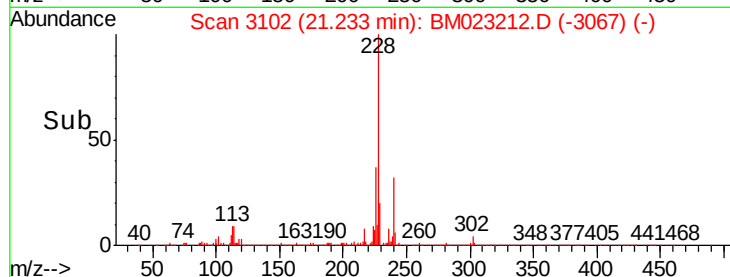
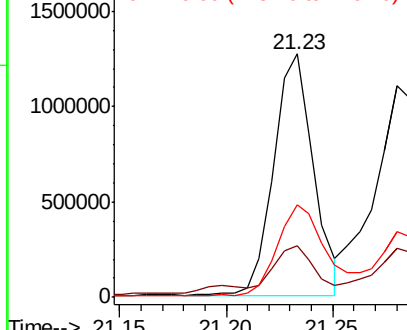
226 37.9 21.6 32.4#

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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: 16.670 ng/ul

RT: 21.19 min Scan# 3095

Delta R.T. 0.00 min

Lab File: BM023212.D

Acq: 17 Oct 2019 09:14

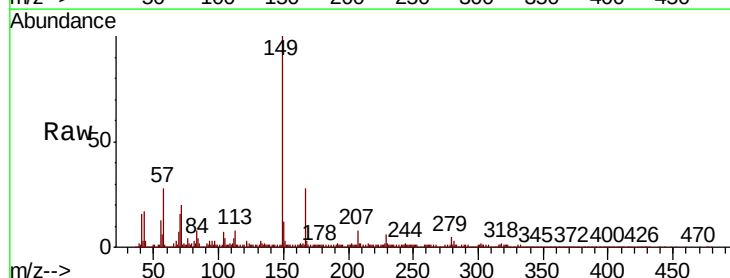
Tgt Ion:149 Resp: 1047522

Ion Ratio Lower Upper

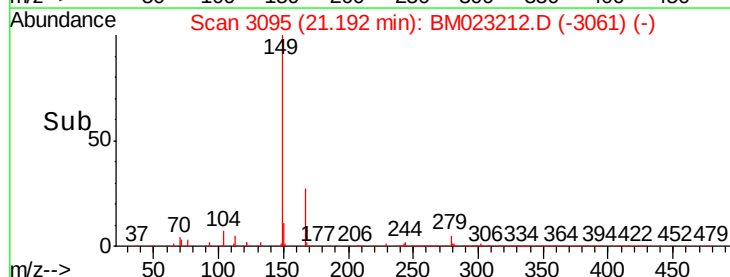
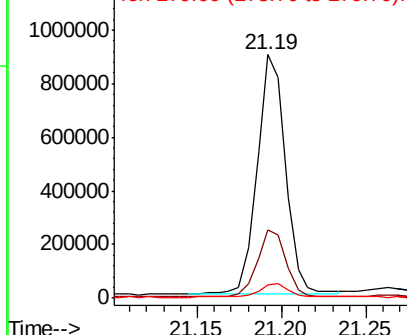
149 100

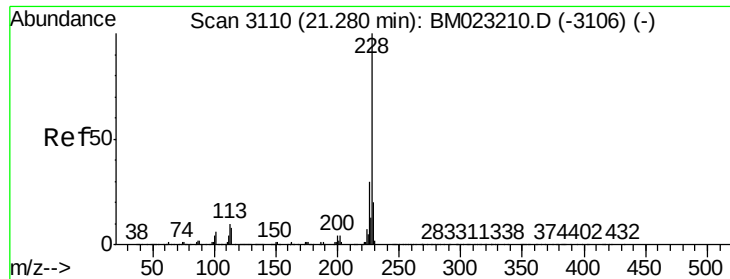
167 28.2 22.5 33.7

279 5.4 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





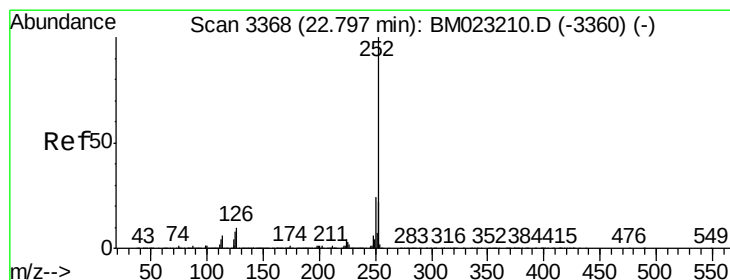
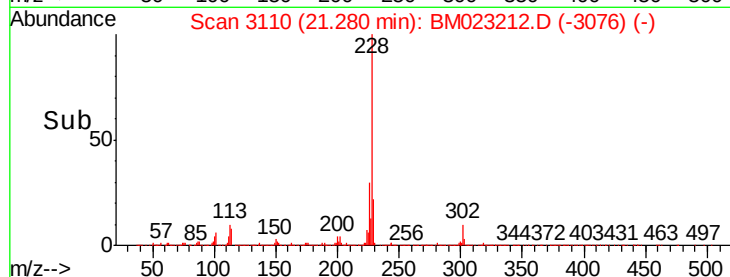
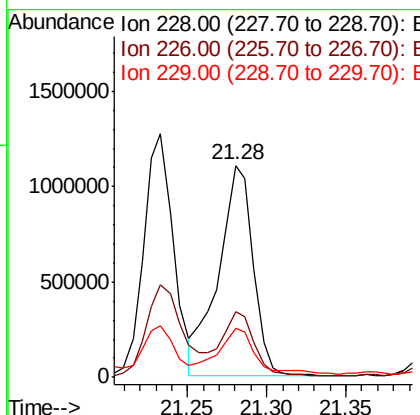
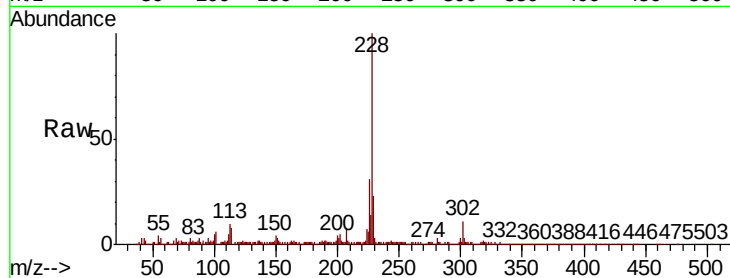
#85
Chrysene
Concen: 14.610 ng/ul
RT: 21.28 min Scan# 3110
Delta R.T. 0.00 min
Lab File: BM023212.D
Acq: 17 Oct 2019 09:14

Instrument :
BNA_M
ClientSampleId :
BFB77

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.9	23.8	35.6
229	23.1	15.5	23.3

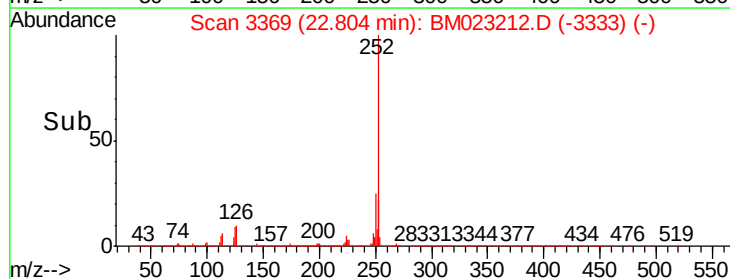
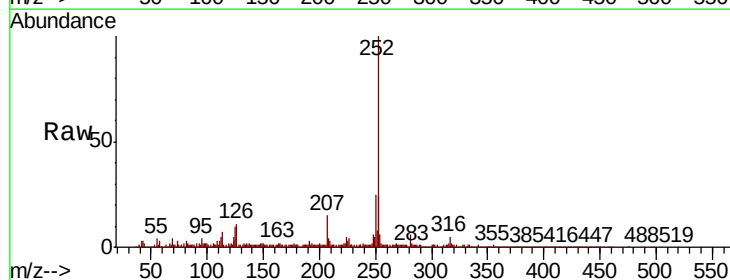
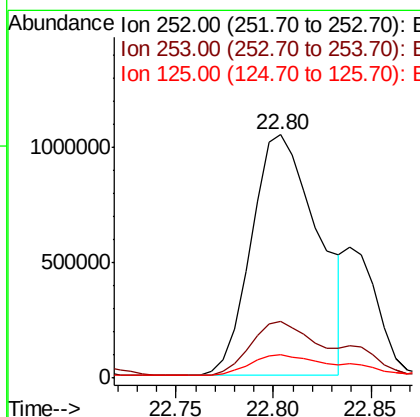
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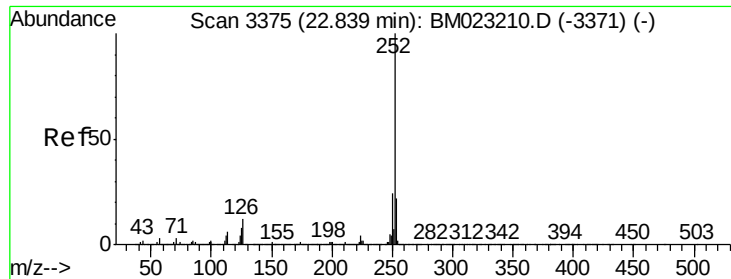
mohammad
10/18/2019 8:27:47 AM



#88
Benzo(b)fluoranthene
Concen: 18.219 ng/ul
RT: 22.80 min Scan# 3369
Delta R.T. 0.01 min
Lab File: BM023212.D
Acq: 17 Oct 2019 09:14

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.6	26.4
125	9.7	6.4	9.6#





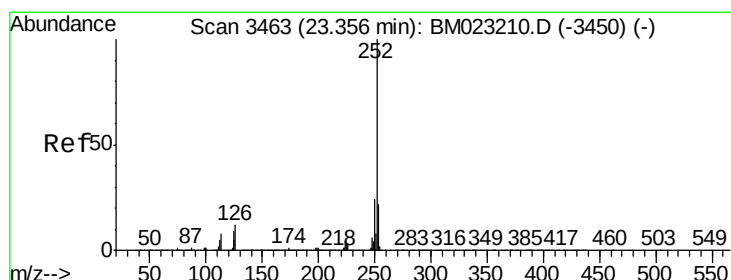
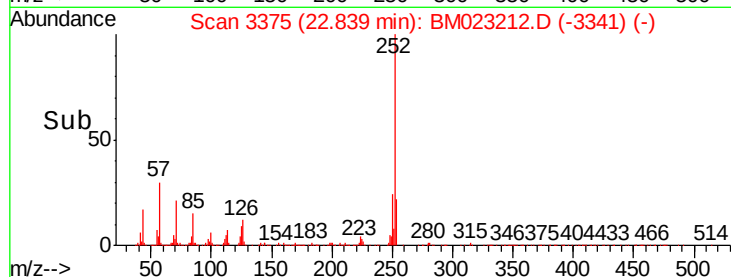
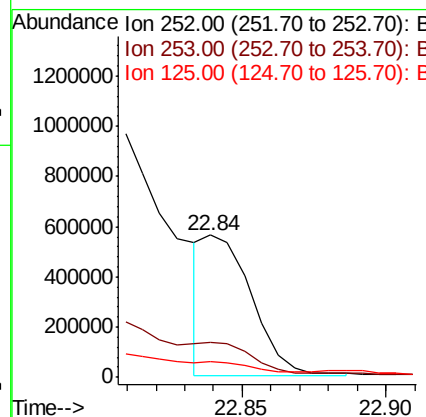
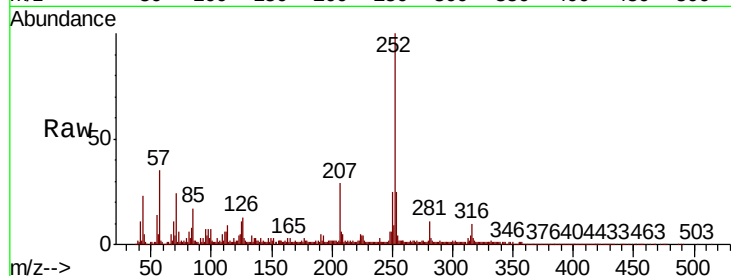
#89
Benzo(k)fluoranthene
Concen: 4.993 ng/ul m
RT: 22.84 min Scan# 3375
Delta R.T. 0.00 min
Lab File: BM023212.D
Acq: 17 Oct 2019 09:14

Instrument :
BNA_M
ClientSampleId :
BFB77

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.7	17.4	26.0
125	11.4	6.5	9.7#

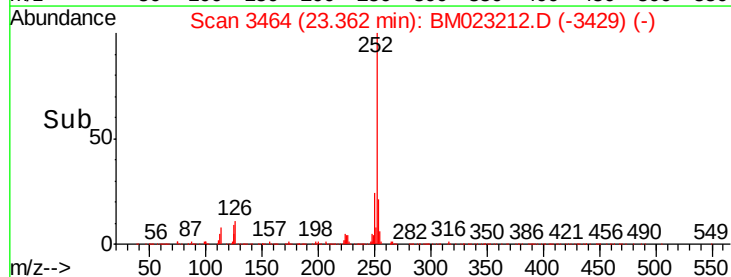
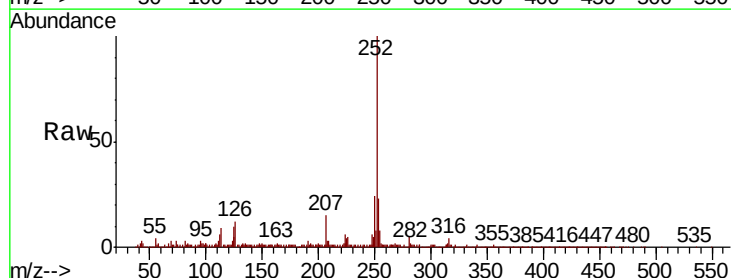
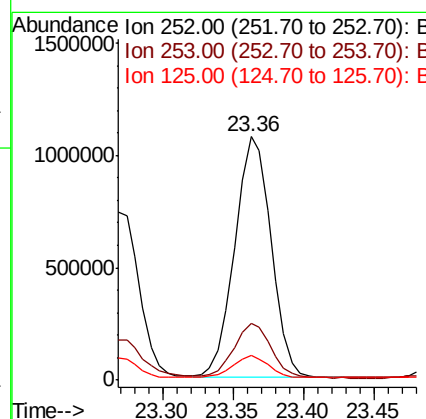
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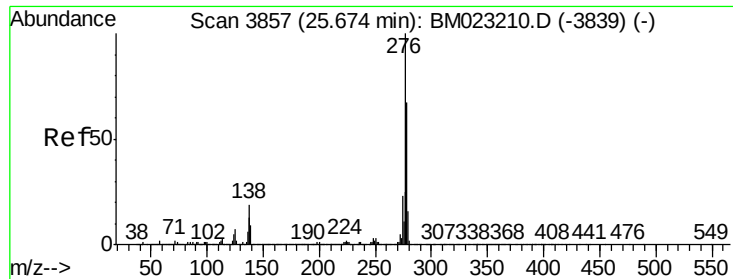
mohammad
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#91
Benzo(a)pyrene
Concen: 14.784 ng/ul
RT: 23.36 min Scan# 3464
Delta R.T. 0.01 min
Lab File: BM023212.D
Acq: 17 Oct 2019 09:14

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.2	25.8
125	10.0	7.4	11.0





#92

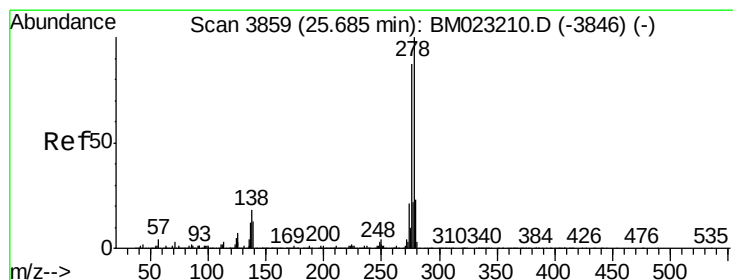
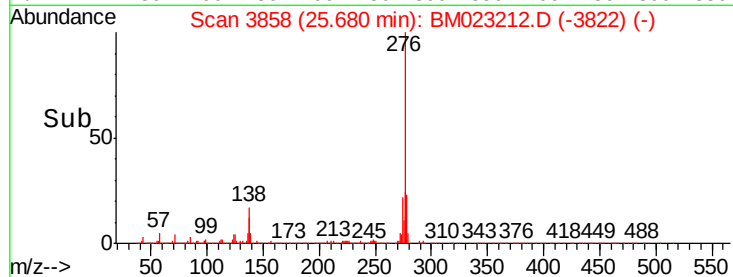
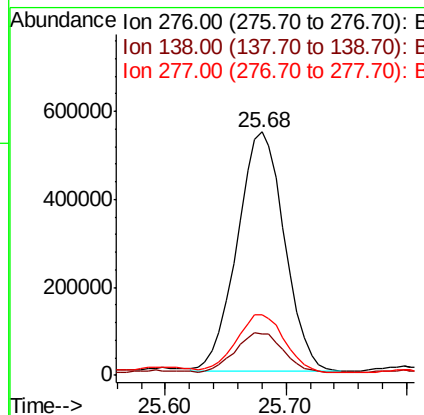
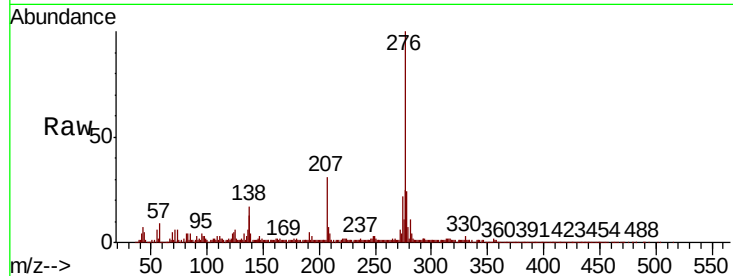
Indeno(1,2,3-cd)pyrene
Concen: 9.586 ng/ul
RT: 25.68 min Scan# 3858
Delta R.T. 0.01 min
Lab File: BM023212.D
Acq: 17 Oct 2019 09:14

Instrument :
BNA_M
ClientSampled :
BFB77

Tot Ion	Ratio	Lower	Upper
276	100		
138	17.2	14.9	22.3
277	25.0	19.8	29.8

Manual Integrations
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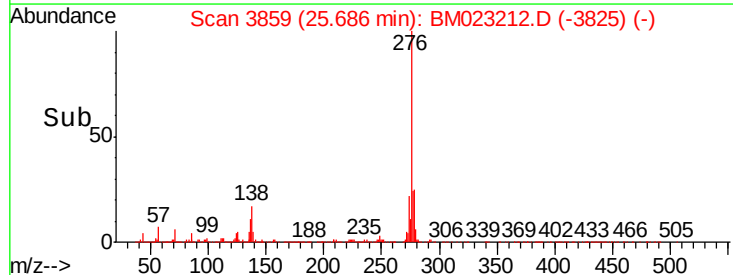
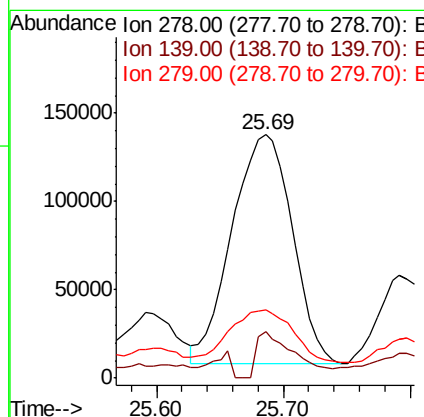
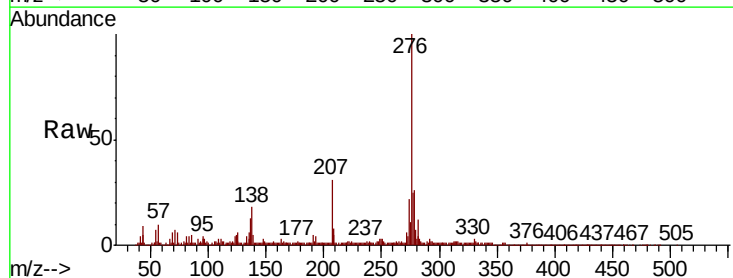
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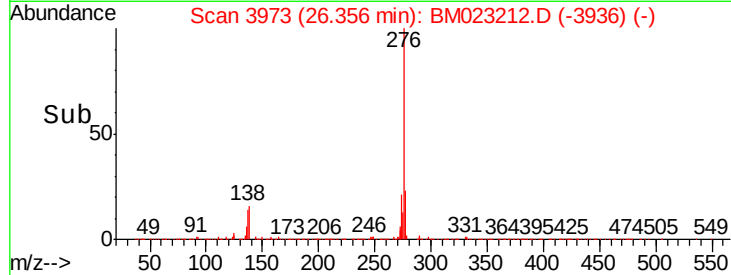
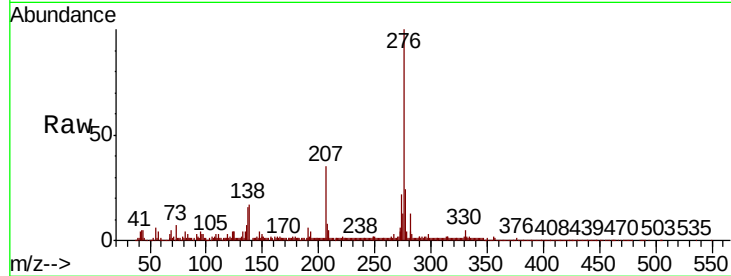
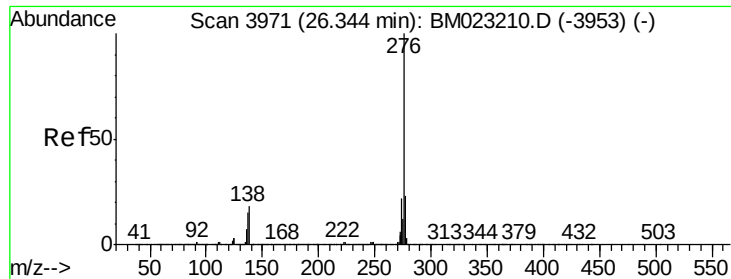


#93

Dibenzo(a,h)anthracene
Concen: 3.287 ng/ul
RT: 25.69 min Scan# 3859
Delta R.T. 0.00 min
Lab File: BM023212.D
Acq: 17 Oct 2019 09:14

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.3	10.0	15.0#
279	28.0	19.4	29.0





#94
 Benzo(a,h,i)perylene
 Concen: 10.761 ng/ul
 RT: 26.36 min Scan# 3973
 Delta R.T. 0.02 min
 Lab File: BM023212.D
 Acq: 17 Oct 2019 09:14

Instrument :
 BNA_M
 ClientSampleId :
 BFB77

Tot Ion:	276	Resp:	1379502
Ion Ratio	Lower	Upper	
276	100		
138	16.9	14.4	21.6
277	24.3	19.4	29.2

Manual Integrations
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