

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101619\
 Data File : BM023216.D
 Acq On : 17 Oct 2019 11:38
 Operator : JU
 Sample : K5262-19
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BFB80

Manual Integrations
 APPROVED

mohammad
 10/18/2019 8:28:02 AM

Quant Time: Oct 17 14:31:14 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	383386	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	1489805	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.31	164	870011	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.06	188	1654824	20.00	ng/ul	0.00
78) Chrysene-d12	21.25	240	1665808	20.00	ng/ul	0.00
86) Perylene-d12	23.46	264	2095105	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.18	96	44168	5.07	ng/uL	0.00
5) Phenol-d5	6.84	99	801479	24.00	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	495755	26.24	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	683544	26.75	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	588375	21.94	ng/ul	0.00
19) Nitrobenzene-d5	8.81	128	323489	32.09	ng/ul	0.00
22) 2-Nitrophenol-d4	9.53	143	348414	36.30	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	655885	26.87	ng/ul	0.00
29) 4-Chloroaniline-d4	10.58	131	529323	17.83	ng/ul	0.00
44) Dimethylphthalate-d6	13.73	166	1916531	28.74	ng/ul	0.00
47) Acenaphthylene-d8	14.00	160	2293430	29.33	ng/ul	0.00
52) 4-Nitrophenol-d4	14.50	143	162646	15.07	ng/ul	0.00
58) Fluorene-d10	15.31	176	1634582	28.78	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.43	200	81681	12.45	ng/ul	0.01
71) Anthracene-d10	17.16	188	2434697	30.51	ng/ul	0.00
79) Pyrene-d10	19.45	212	2575298	31.92	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.33	264	3222757	30.35	ng/ul	0.01

Target Compounds

					Ovalue	
6) Phenol	6.86	94	153722	4.464	ng/ul	96
14) Acetophenone	8.48	105	54025	1.292	ng/ul	97
28) Naphthalene	10.49	128	106100	1.378	ng/ul	99
45) Dimethylphthalate	13.77	163	669390	10.031	ng/ul	99
48) Acenaphthylene	14.03	152	321269	4.018	ng/ul	98
59) Fluorene	15.36	166	75284	1.161	ng/ul#	93
70) Phenanthrene	17.10	178	876806	9.441	ng/ul	99
72) Anthracene	17.19	178	327426	3.412	ng/ul	98
77) Fluoranthene	19.12	202	1802089	16.316	ng/ul	100
80) Pyrene	19.48	202	1947606	18.663	ng/ul	100
83) Benzo(a)anthracene	21.23	228	1348691m	11.949	ng/ul	
84) Bis(2-ethylhexyl)phthalate	21.20	149	257818	4.467	ng/ul#	99
85) Chrysene	21.29	228	1431876	13.662	ng/ul	97
88) Benzo(b)fluoranthene	22.80	252	1948050	15.336	ng/ul#	97
89) Benzo(k)fluoranthene	22.84	252	660793m	5.418	ng/ul	
91) Benzo(a)pyrene	23.37	252	1634926	13.415	ng/ul	96
92) Indeno(1,2,3-cd)pyrene	25.69	276	1161353	8.010	ng/ul	97
93) Dibenzo(a,h)anthracene	25.69	278	338309	2.791	ng/ul#	86
94) Benzo(g,h,i)perylene	26.36	276	1022552	8.566	ng/ul	99

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

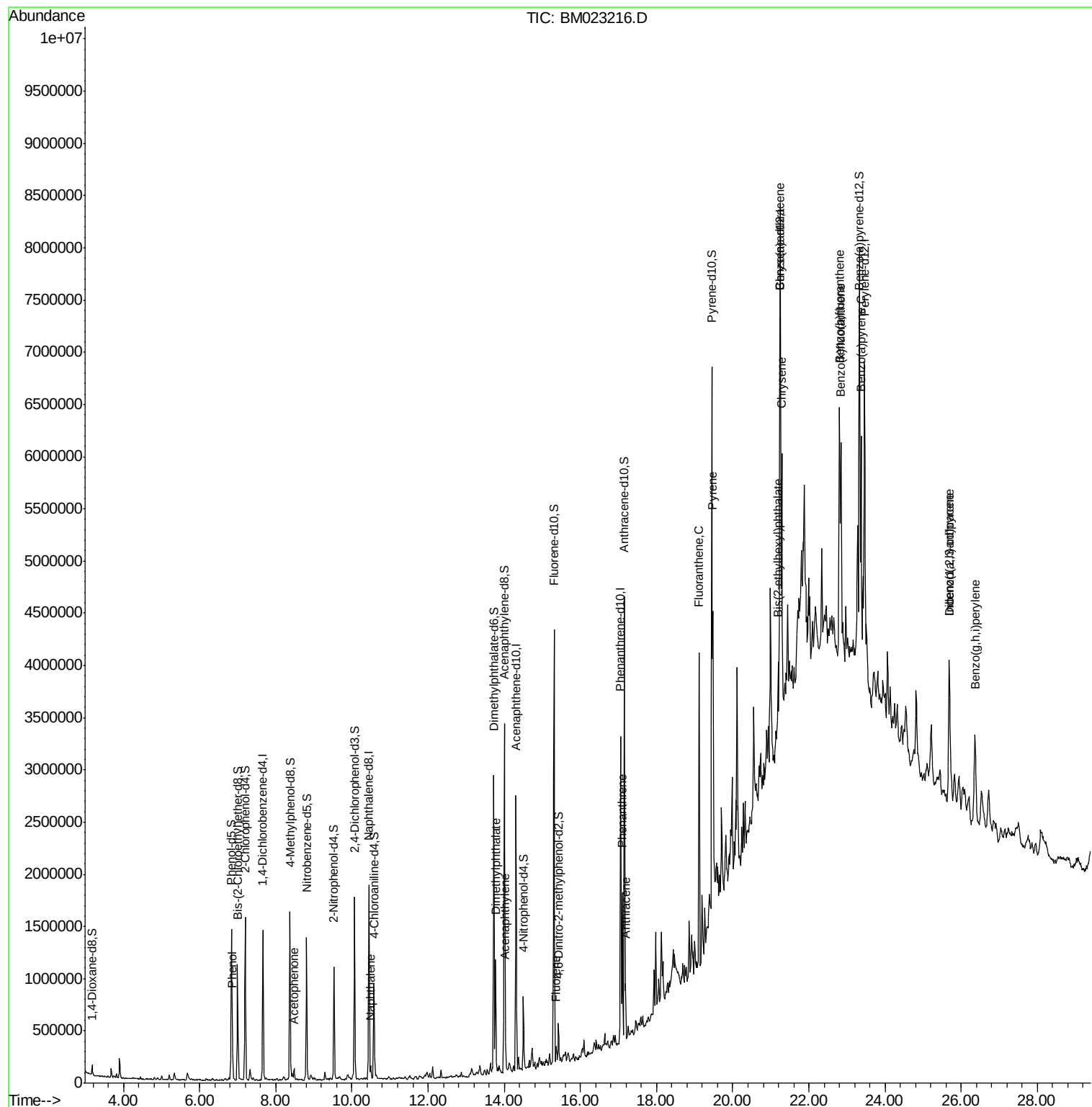
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101619\
Data File : BM023216.D
Acq On : 17 Oct 2019 11:38
Operator : JU
Sample : K5262-19
Misc :
ALS Vial : 23 Sample Multiplier: 1

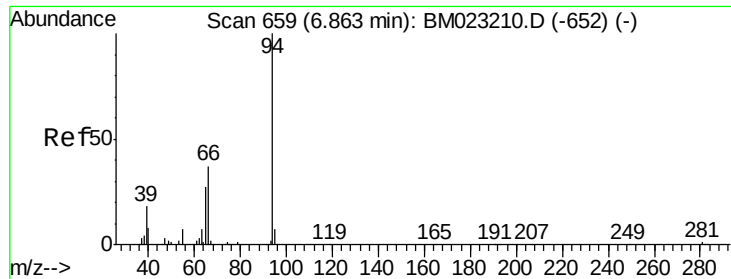
Instrument :
BNA_M
ClientSampleId :
BFB80

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Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 17 12:33:14 2019
Response via : Initial Calibration





#6

Phenol

Concen: 4.464 ng/ul

RT: 6.86 min Scan# 659

Delta R.T. 0.01 min

Lab File: BM023216.D

Acq: 17 Oct 2019 11:38

Instrument :

BNA_M

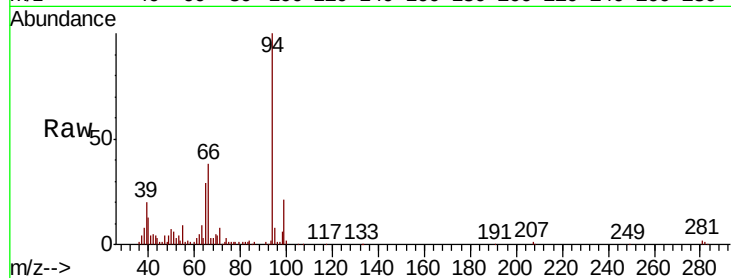
ClientSampleId :

BFB80

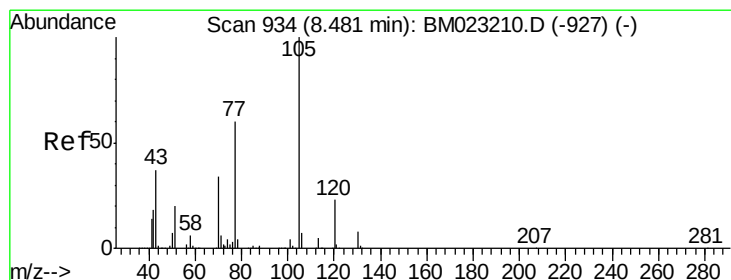
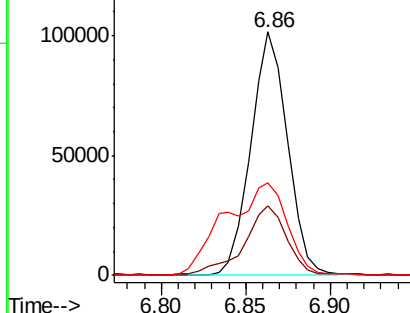
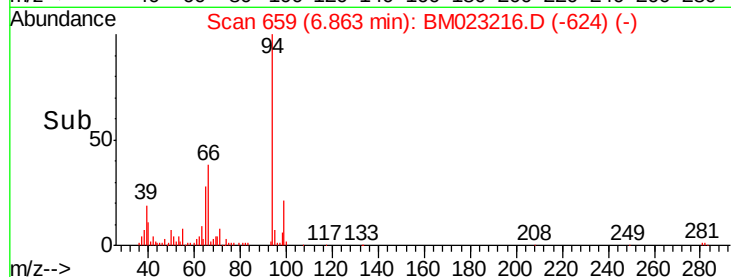
Tot Ion:	94	Resp:	153722
Ion	Ratio	Lower	Upper
94	100		
65	28.5	23.7	35.5
66	38.1	32.9	49.3

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Abundance Ion 94.00 (93.70 to 94.70): BM023216.D (-624) (-)



#14

Acetophenone

Concen: 1.292 ng/ul

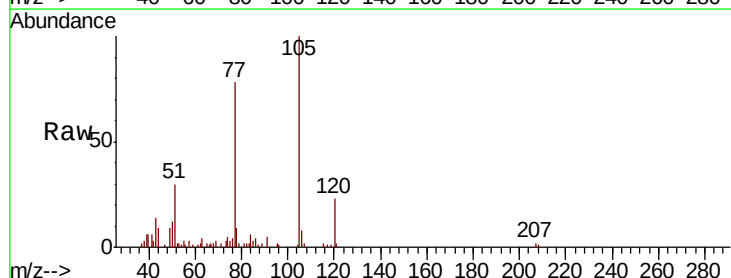
RT: 8.48 min Scan# 934

Delta R.T. 0.01 min

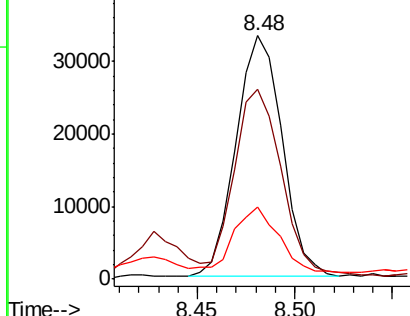
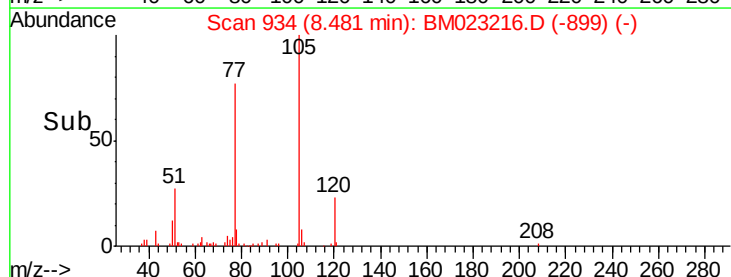
Lab File: BM023216.D

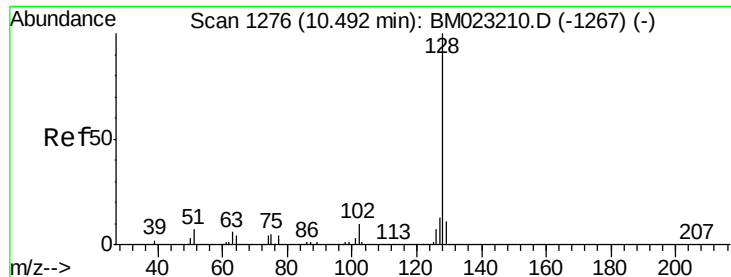
Acq: 17 Oct 2019 11:38

Tgt Ion:	105	Resp:	54025
Ion	Ratio	Lower	Upper
105	100		
77	78.1	63.9	95.9
51	29.7	21.6	32.4



Abundance Ion 105.00 (104.70 to 105.70): BM023216.D (-899) (-)





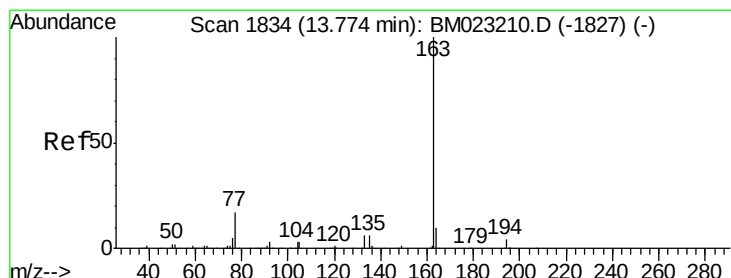
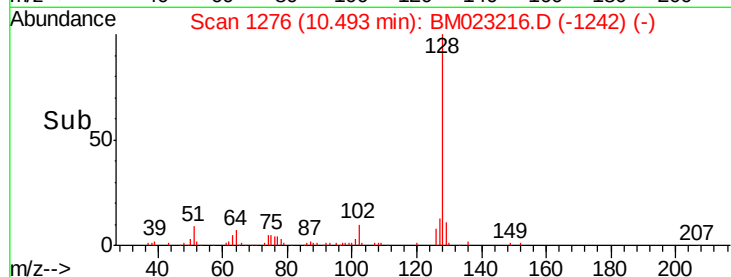
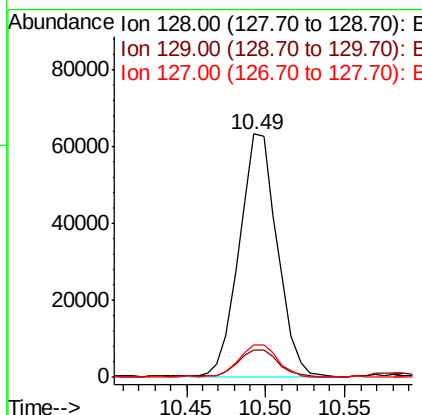
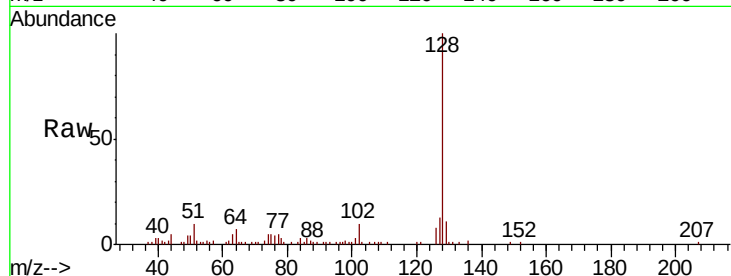
#28
Naphthalene
Concen: 1.378 ng/ul
RT: 10.49 min Scan# 1276
Delta R.T. 0.00 min
Lab File: BM023216.D
Acq: 17 Oct 2019 11:38

Instrument :
BNA_M
ClientSampleId :
BFB80

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.3	12.5
127	13.3	10.2	15.4

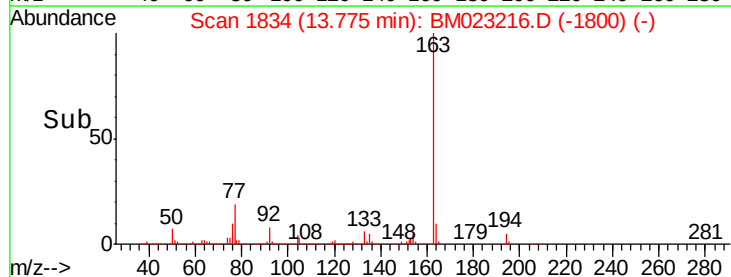
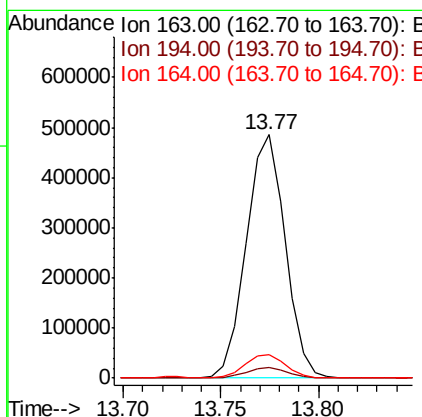
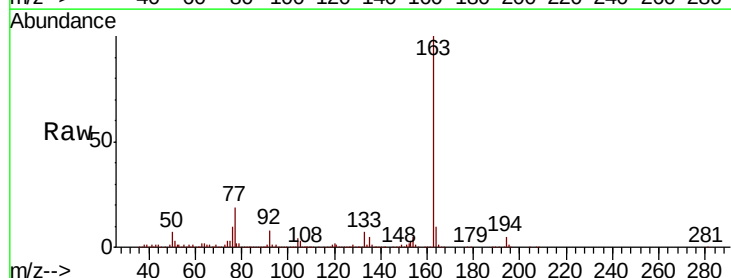
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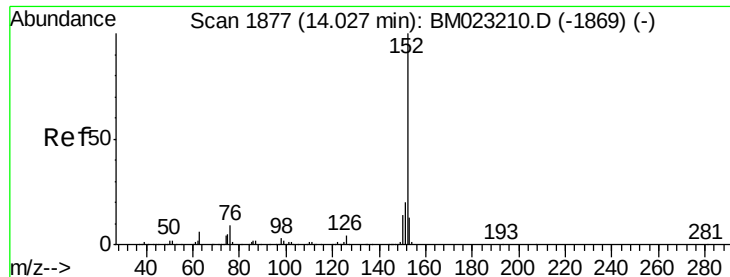
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#45
Dimethylphthalate
Concen: 10.031 ng/ul
RT: 13.77 min Scan# 1834
Delta R.T. 0.00 min
Lab File: BM023216.D
Acq: 17 Oct 2019 11:38

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.5	5.3
164	9.7	8.0	12.0





#48

Acenaphthylene

Concen: 4.018 ng/ul

RT: 14.03 min Scan# 1877

Delta R.T. 0.00 min

Lab File: BM023216.D

Acq: 17 Oct 2019 11:38

Instrument :

BNA_M

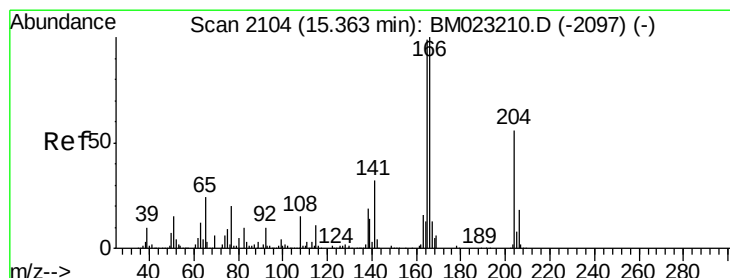
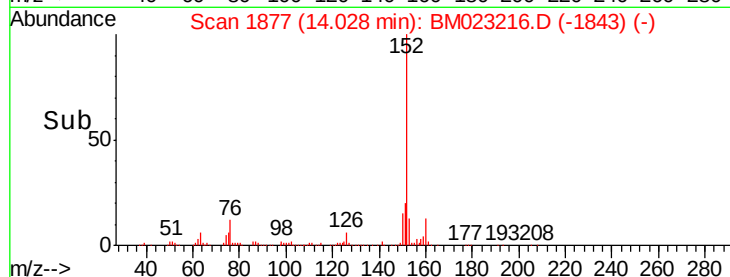
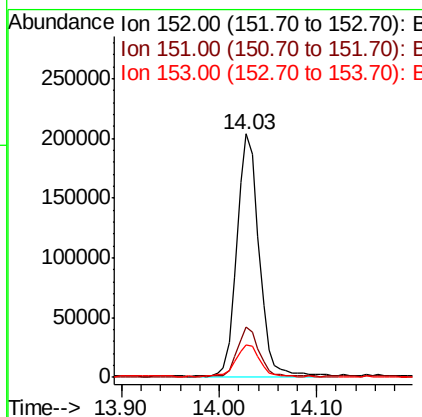
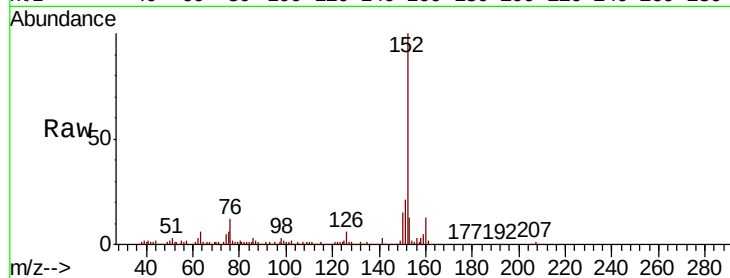
ClientSampled :

BFB80

Tot Ion:	152	Resp:	321269
Ion Ratio	Lower	Upper	
152	100		
151	20.6	15.8	23.6
153	13.4	10.3	15.5

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#59

Fluorene

Concen: 1.161 ng/ul

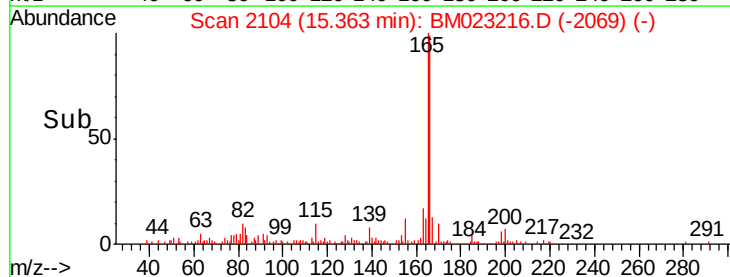
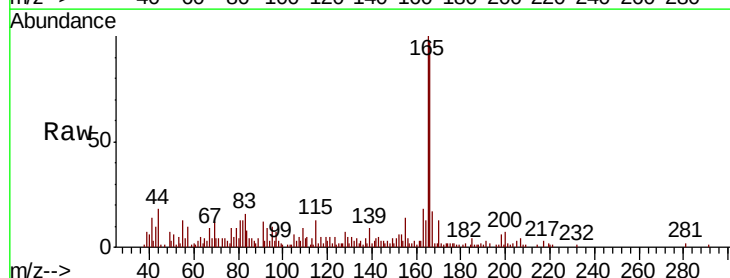
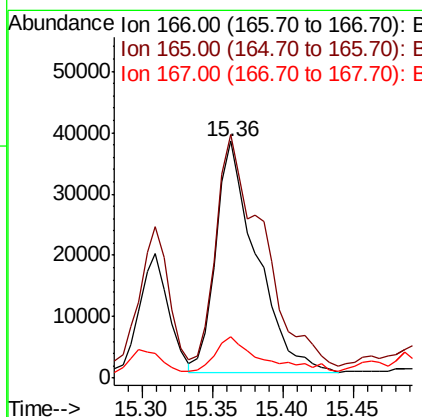
RT: 15.36 min Scan# 2104

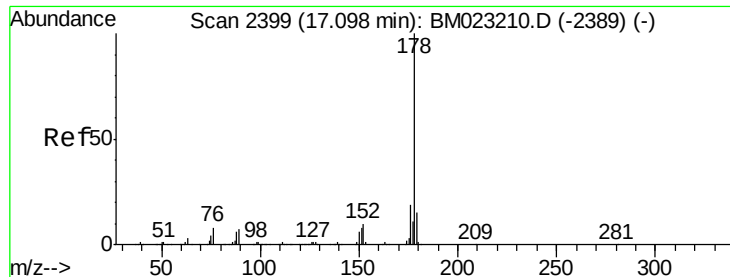
Delta R.T. 0.01 min

Lab File: BM023216.D

Acq: 17 Oct 2019 11:38

Tgt Ion:	166	Resp:	75284
Ion Ratio	Lower	Upper	
166	100		
165	102.8	77.4	116.0
167	17.6	10.8	16.2#





#70

Phenanthrene

Concen: 9.441 ng/ul

RT: 17.10 min Scan# 2399

Delta R.T. 0.01 min

Lab File: BM023216.D

Acq: 17 Oct 2019 11:38

Instrument :

BNA_M

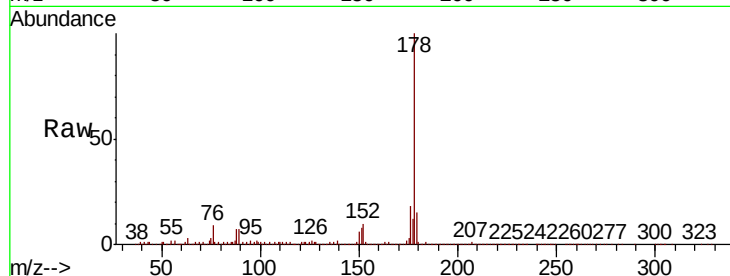
ClientSampleId :

BFB80

Tot Ion:	178	Resp:	876806
Ion Ratio	Lower	Upper	
178	100		
179	15.5	12.3	18.5
176	18.3	15.5	23.3

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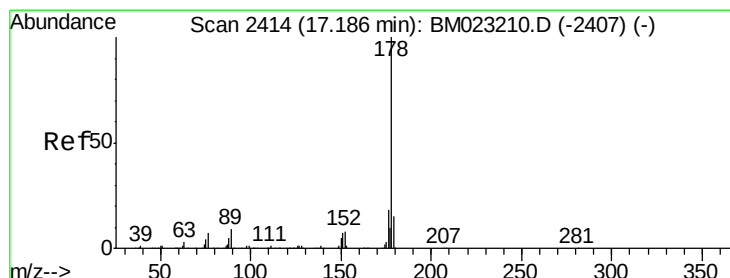
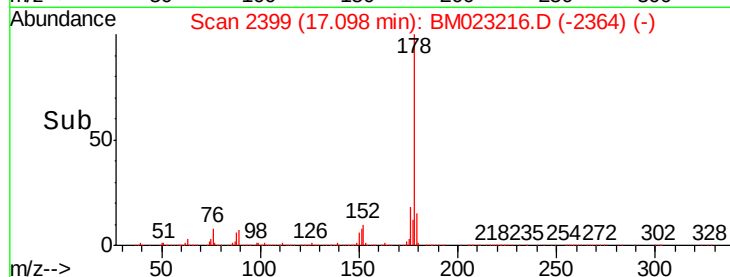
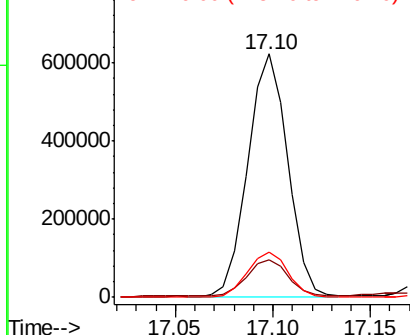


Abundance

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: 3.412 ng/ul

RT: 17.19 min Scan# 2414

Delta R.T. 0.00 min

Lab File: BM023216.D

Acq: 17 Oct 2019 11:38

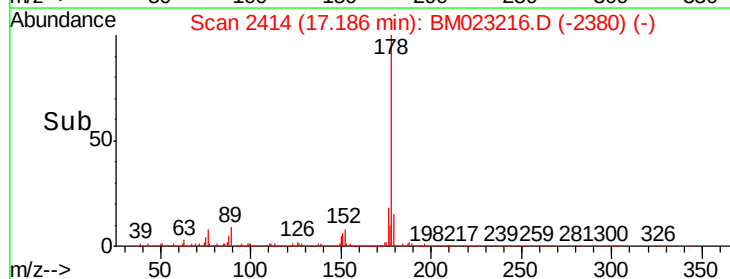
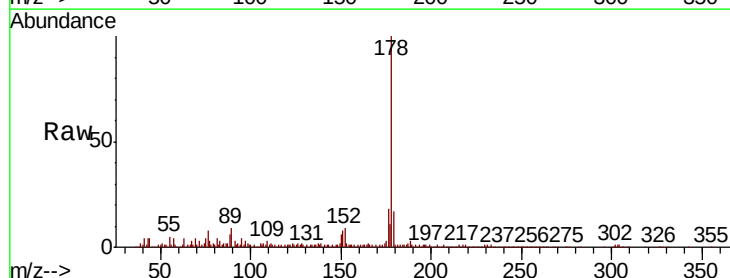
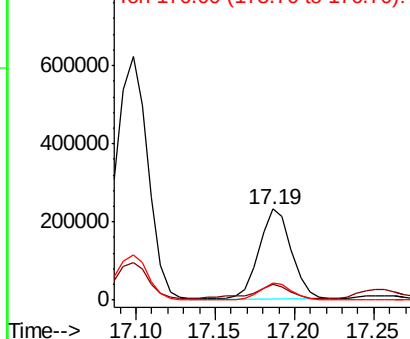
Tgt Ion:	178	Resp:	327426
Ion Ratio	Lower	Upper	
178	100		
179	16.6	12.3	18.5
176	18.2	15.0	22.4

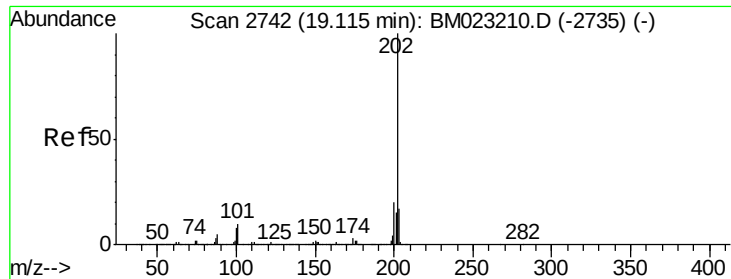
Abundance

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





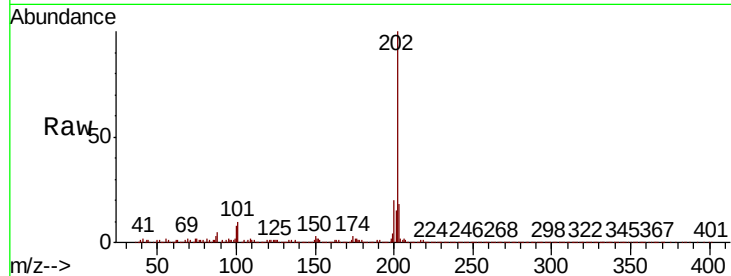
#77
Fluoranthene
Concen: 16.316 ng/ul
RT: 19.12 min Scan# 2742
Delta R.T. 0.00 min
Lab File: BM023216.D
Acq: 17 Oct 2019 11:38

Instrument :
BNA_M
ClientSampleId :
BFB80

Tot Ion	Ratio	Lower	Upper
202	100		
101	10.0	7.8	11.8
100	7.5	6.1	9.1

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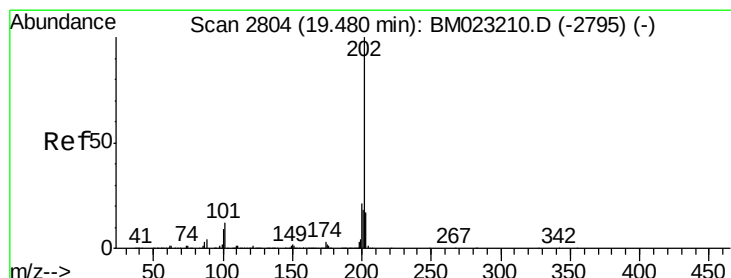
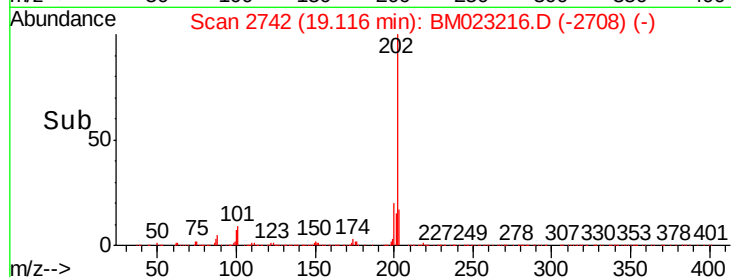
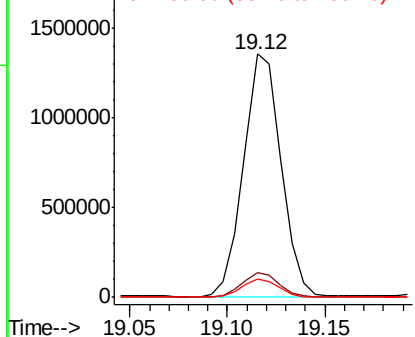


Abundance

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: 18.663 ng/ul
RT: 19.48 min Scan# 2804
Delta R.T. 0.01 min
Lab File: BM023216.D
Acq: 17 Oct 2019 11:38

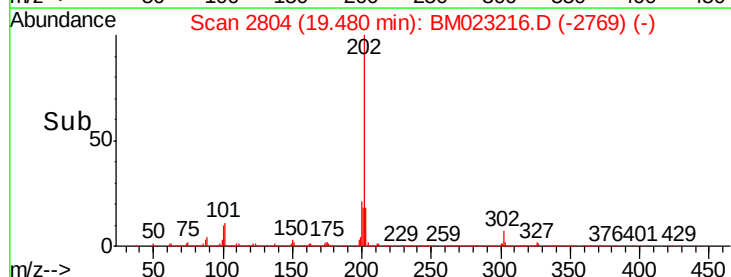
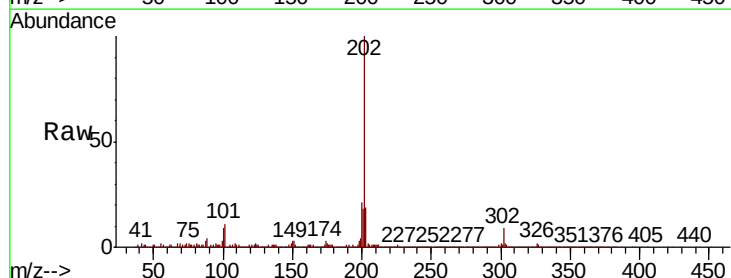
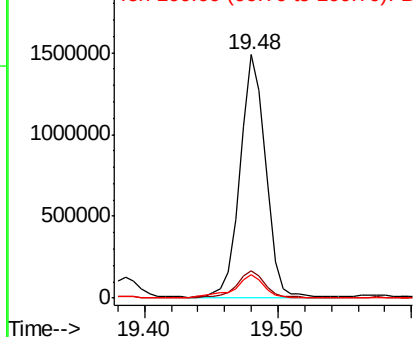
Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.2	9.1	13.7
100	9.4	7.5	11.3

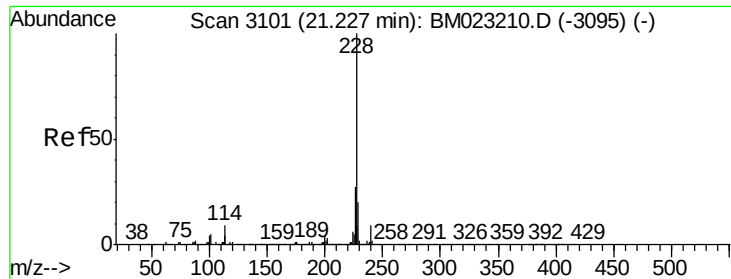
Abundance

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





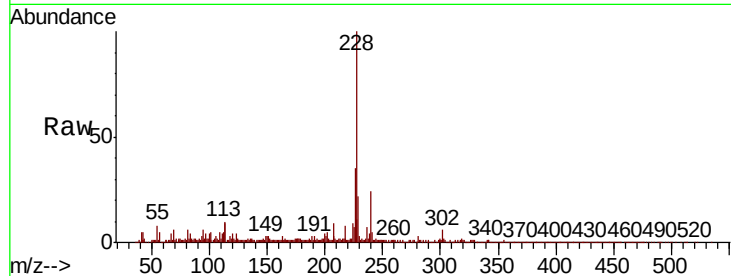
#83
Benzo(a)anthracene
Concen: 11.949 ng/ul m
RT: 21.23 min Scan# 3102
Delta R.T. 0.01 min
Lab File: BM023216.D
Acq: 17 Oct 2019 11:38

Instrument :
BNA_M
ClientSampleId :
BFB80

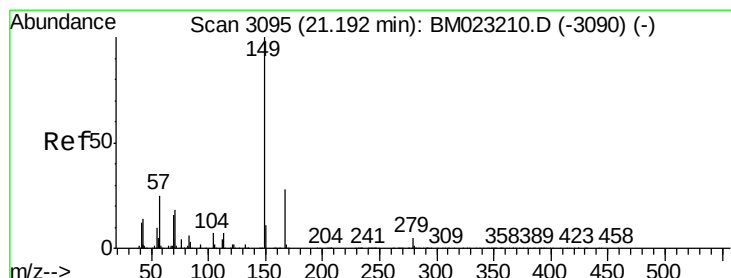
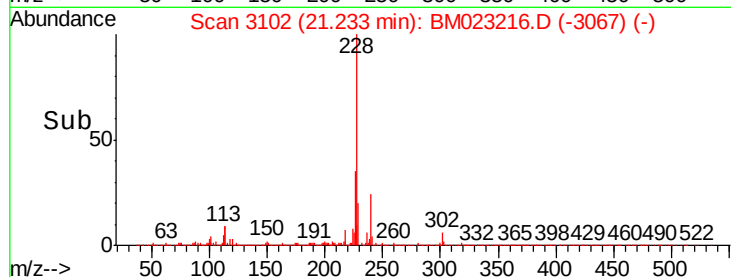
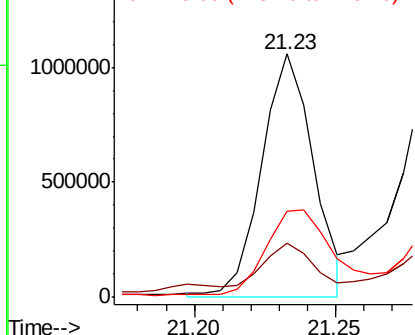
Tot Ion	Ratio	Lower	Upper
228	100		
229	22.2	15.7	23.5
226	35.4	21.6	32.4

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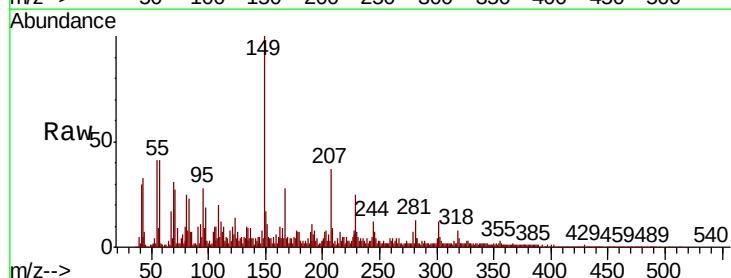


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 229.00 (228.70 to 229.70): E
Ion 226.00 (225.70 to 226.70): E

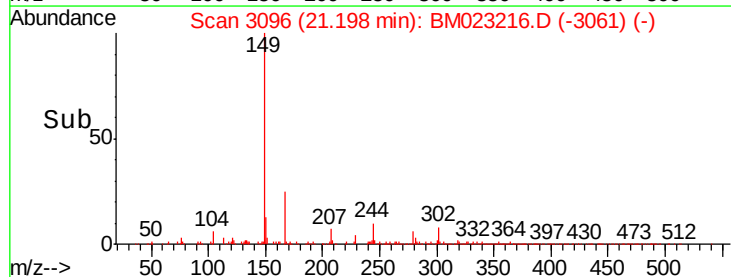
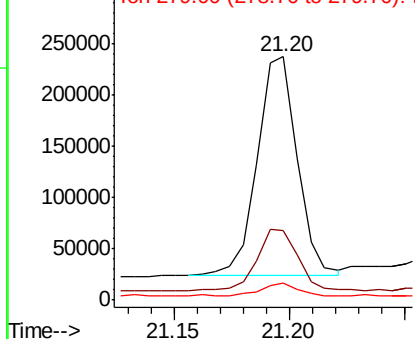


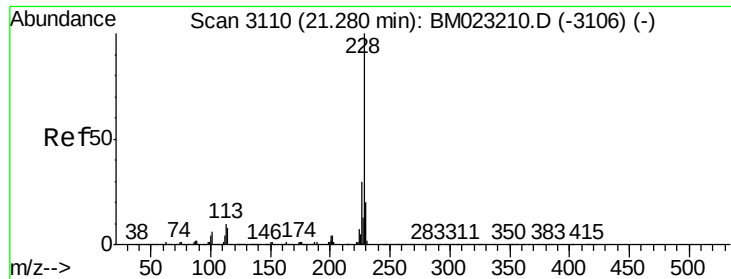
#84
Bis(2-ethylhexyl)phthalate
Concen: 4.467 ng/ul
RT: 21.20 min Scan# 3096
Delta R.T. 0.01 min
Lab File: BM023216.D
Acq: 17 Oct 2019 11:38

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.4	22.5	33.7
279	7.2	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: 13.662 ng/ul

RT: 21.29 min Scan# 3111

Delta R.T. 0.01 min

Lab File: BM023216.D

Acq: 17 Oct 2019 11:38

Instrument :

BNA_M

ClientSampleID :

BFB80

Tot Ion:228 Resp: 1431876

Ion Ratio Lower Upper

228 100

226 30.5 23.8 35.6

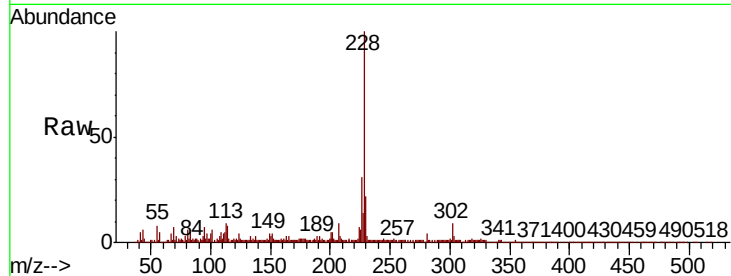
229 22.3 15.5 23.3

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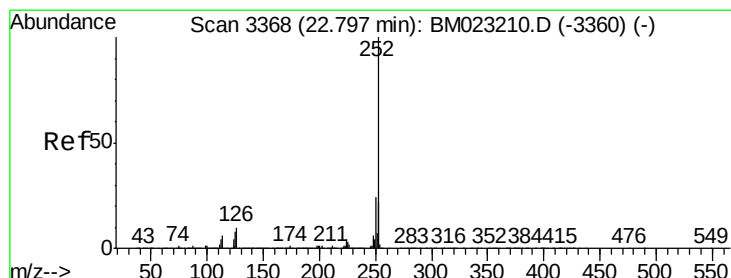
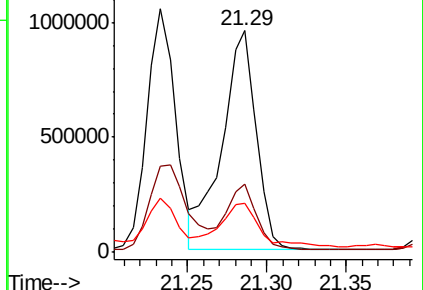
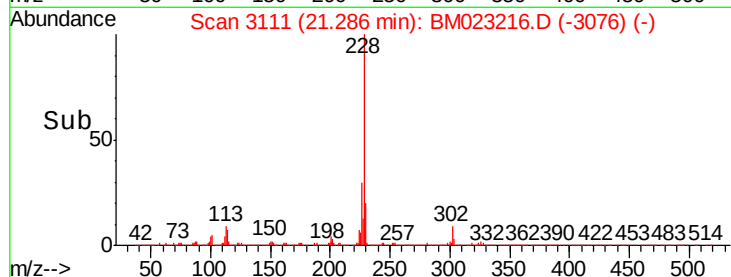
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Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#88

Benzo(b)fluoranthene

Concen: 15.336 ng/ul

RT: 22.80 min Scan# 3369

Delta R.T. 0.01 min

Lab File: BM023216.D

Acq: 17 Oct 2019 11:38

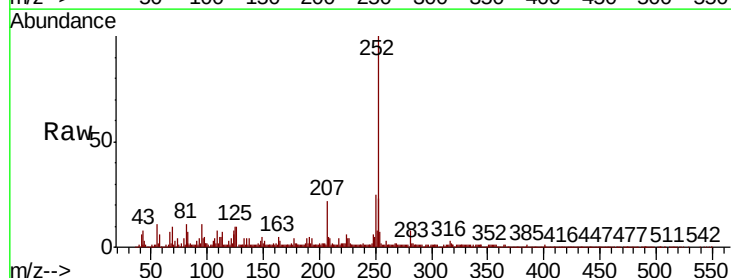
Tgt Ion:252 Resp: 1948050

Ion Ratio Lower Upper

252 100

253 22.9 17.6 26.4

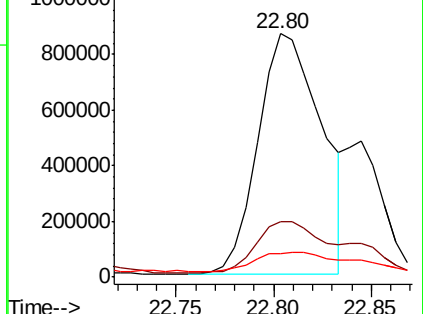
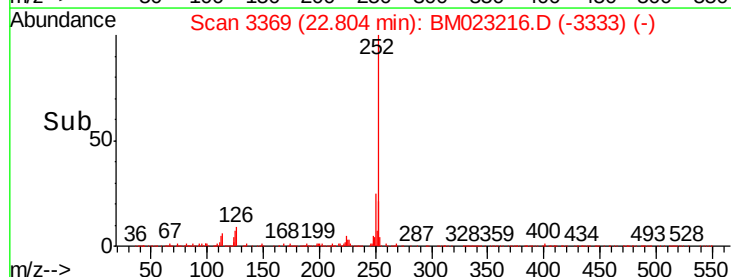
125 9.8 6.4 9.6#

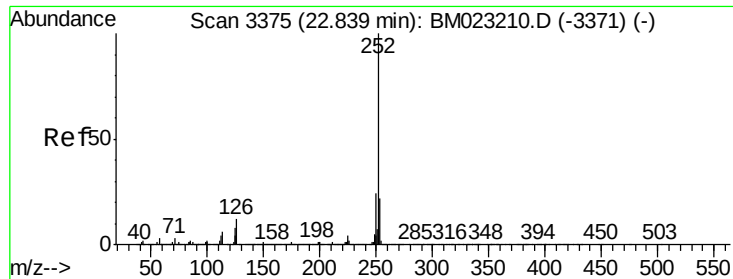


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





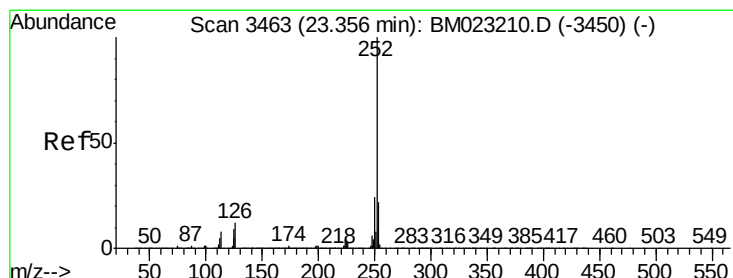
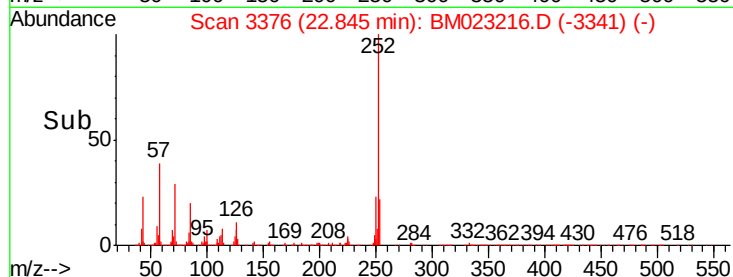
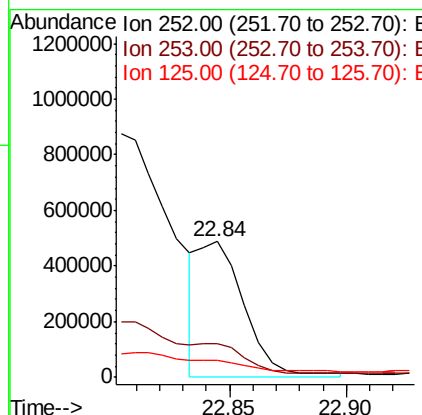
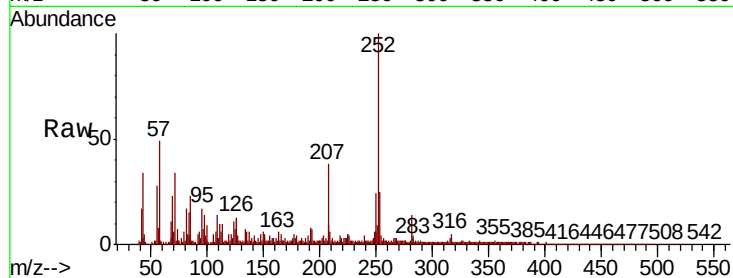
#89
Benzo(k)fluoranthene
Concen: 5.418 ng/ul m
RT: 22.84 min Scan# 3376
Delta R.T. 0.01 min
Lab File: BM023216.D
Acq: 17 Oct 2019 11:38

Instrument :
BNA_M
ClientSampled :
BFB80

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.9	17.4	26.0
125	12.3	6.5	9.7#

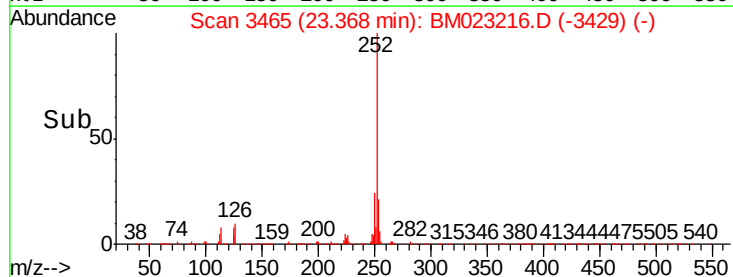
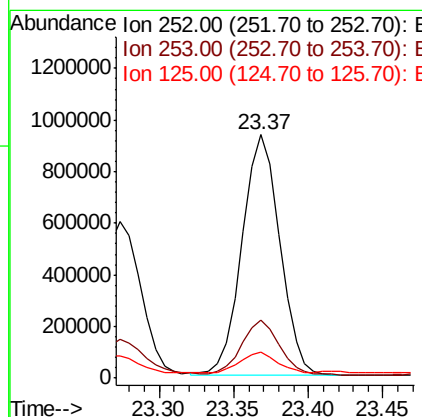
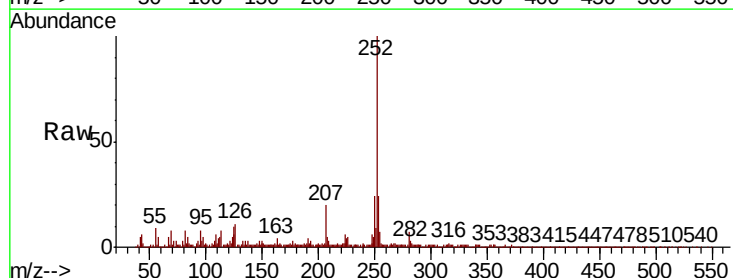
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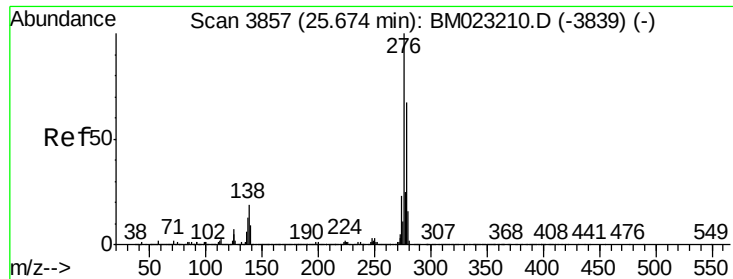
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#91
Benzo(a)pyrene
Concen: 13.415 ng/ul
RT: 23.37 min Scan# 3465
Delta R.T. 0.01 min
Lab File: BM023216.D
Acq: 17 Oct 2019 11:38

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.2	25.8
125	10.5	7.4	11.0





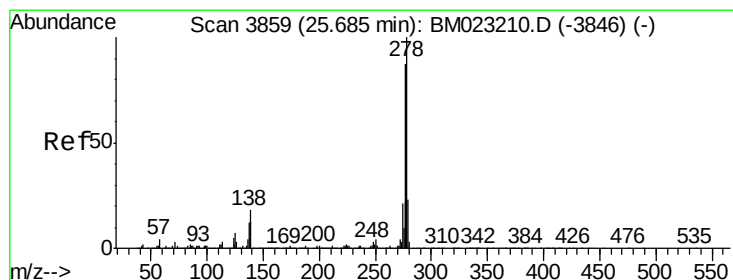
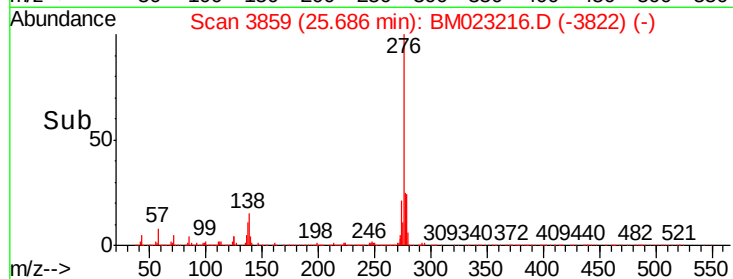
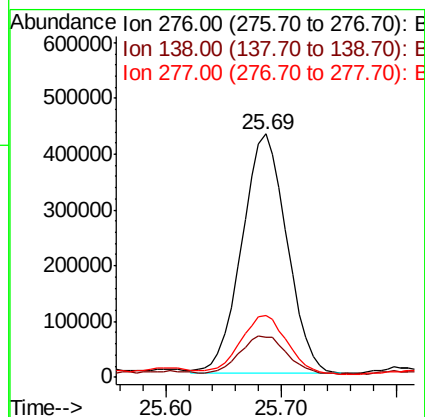
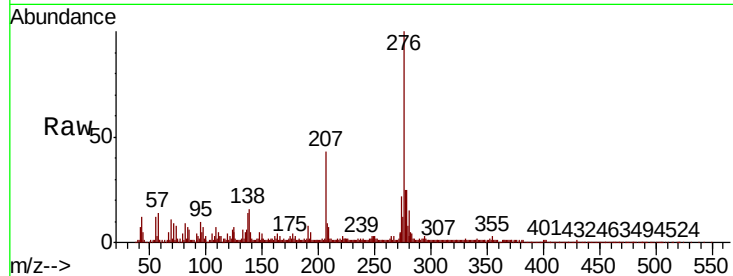
#92
Indeno(1,2,3-cd)pyrene
Concen: 8.010 ng/ul
RT: 25.69 min Scan# 3859
Delta R.T. 0.02 min
Lab File: BM023216.D
Acq: 17 Oct 2019 11:38

Instrument :
BNA_M
ClientSampled :
BFB80

Tot Ion	Ratio	Lower	Upper
276	100		
138	16.4	14.9	22.3
277	25.4	19.8	29.8

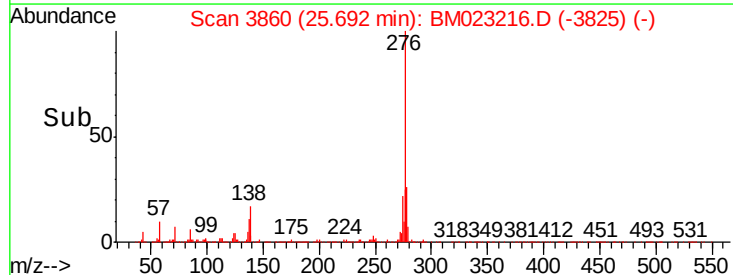
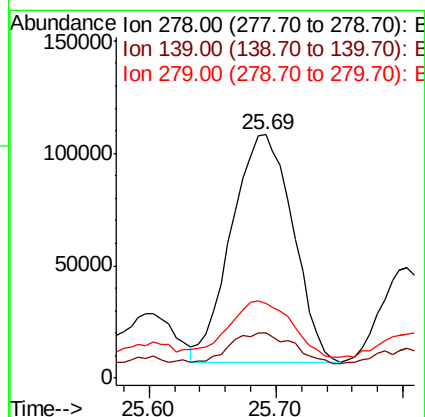
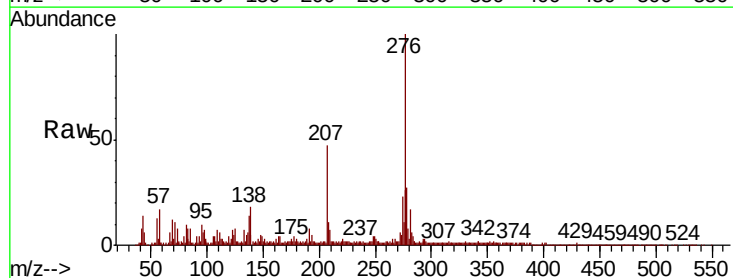
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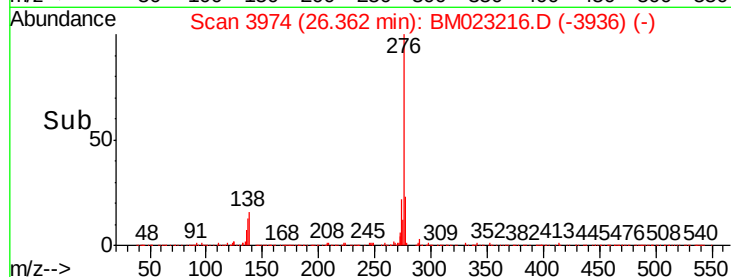
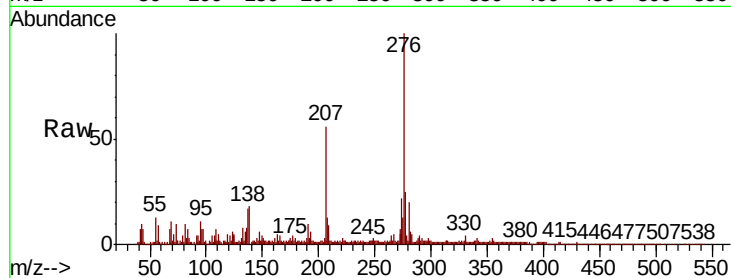
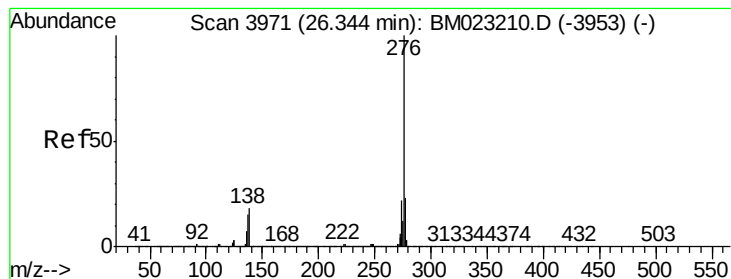
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#93
Dibenzo(a,h)anthracene
Concen: 2.791 ng/ul
RT: 25.69 min Scan# 3860
Delta R.T. 0.01 min
Lab File: BM023216.D
Acq: 17 Oct 2019 11:38

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.5	10.0	15.0#
279	30.9	19.4	29.0#





#94

Benzo(a,h,i)perylene

Concen: 8.566 ng/ul

RT: 26.36 min Scan# 3974

Delta R.T. 0.02 min

Lab File: BM023216.D

Acq: 17 Oct 2019 11:38

Instrument :

BNA_M

ClientSampleId :

BFB80

Tot Ion:276 Resp: 1022552

Ion Ratio Lower Upper

276 100

138 17.8 14.4 21.6

277 24.9 19.4 29.2

Manual Integrations

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