

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101619\
 Data File : BM023214.D
 Acq On : 17 Oct 2019 10:26
 Operator : JU
 Sample : K5262-17
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BFB78

Manual Integrations
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Quant Time: Oct 17 14:22:01 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	409980	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	1653415	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.31	164	1004916	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.06	188	1997383	20.00	ng/ul	0.00
78) Chrysene-d12	21.24	240	1983516	20.00	ng/ul	0.00
86) Perylene-d12	23.46	264	2458913	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.18	96	41359	4.44	ng/uL	0.00
5) Phenol-d5	6.83	99	733170	20.53	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	447384	22.15	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	631115	23.09	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	554575	19.33	ng/ul	0.00
19) Nitrobenzene-d5	8.81	128	301700	26.97	ng/ul	0.00
22) 2-Nitrophenol-d4	9.53	143	333399	31.30	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	641397	23.68	ng/ul	0.00
29) 4-Chloroaniline-d4	10.58	131	474448	14.40	ng/ul	0.00
44) Dimethylphthalate-d6	13.73	166	1933090	25.10	ng/ul	0.00
47) Acenaphthylene-d8	14.00	160	2282987	25.28	ng/ul	0.00
52) 4-Nitrophenol-d4	14.50	143	174452	13.99	ng/ul	0.00
58) Fluorene-d10	15.30	176	1655532	25.23	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.42	200	110049	13.90	ng/ul	0.00
71) Anthracene-d10	17.15	188	2546367	26.44	ng/ul	0.00
79) Pyrene-d10	19.45	212	2760747	28.74	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.33	264	3329607	26.71	ng/ul	0.01

Target Compounds

					Ovalue	
6) Phenol	6.86	94	134173	3.644	ng/ul	98
28) Naphthalene	10.49	128	402114	4.705	ng/ul	98
34) 2-Methylnaphthalene	12.12	142	103506	1.628	ng/ul	98
45) Dimethylphthalate	13.77	163	650908	8.445	ng/ul	99
48) Acenaphthylene	14.03	152	180967	1.960	ng/ul	98
50) Acenaphthene	14.37	153	98359	1.530	ng/ul	99
54) Dibenzofuran	14.71	168	158220	1.733	ng/ul	99
59) Fluorene	15.36	166	121765	1.626	ng/ul	96
70) Phenanthrene	17.10	178	2466945	22.008	ng/ul	99
72) Anthracene	17.19	178	536389	4.631	ng/ul	99
75) Carbazole	17.45	167	261727	2.529	ng/ul	97
76) Di-n-butylphthalate	18.05	149	270294	2.195	ng/ul#	96
77) Fluoranthene	19.12	202	4643307	34.830	ng/ul	99
80) Pyrene	19.48	202	4095367	32.958	ng/ul	99
81) Butylbenzylphthalate	20.40	149	47099	1.090	ng/ul	95
83) Benzo(a)anthracene	21.23	228	2861438	21.291	ng/ul	97
84) Bis(2-ethylhexyl)phthalate	21.19	149	157220	2.288	ng/ul#	98
85) Chrysene	21.29	228	2945961	23.607	ng/ul	97
88) Benzo(b)fluoranthene	22.80	252	5246407	35.191	ng/ul	98
89) Benzo(k)fluoranthene	22.84	252	1653204m	11.548	ng/ul	
91) Benzo(a)pyrene	23.37	252	3682866	25.748	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	25.69	276	3094605	18.187	ng/ul	98
93) Dibenzo(a,h)anthracene	25.70	278	845576	5.943	ng/ul#	94

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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)
94) Benzo(q,h,i)perylene	26.37	276	2617027	18.680	ng/ul	99

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

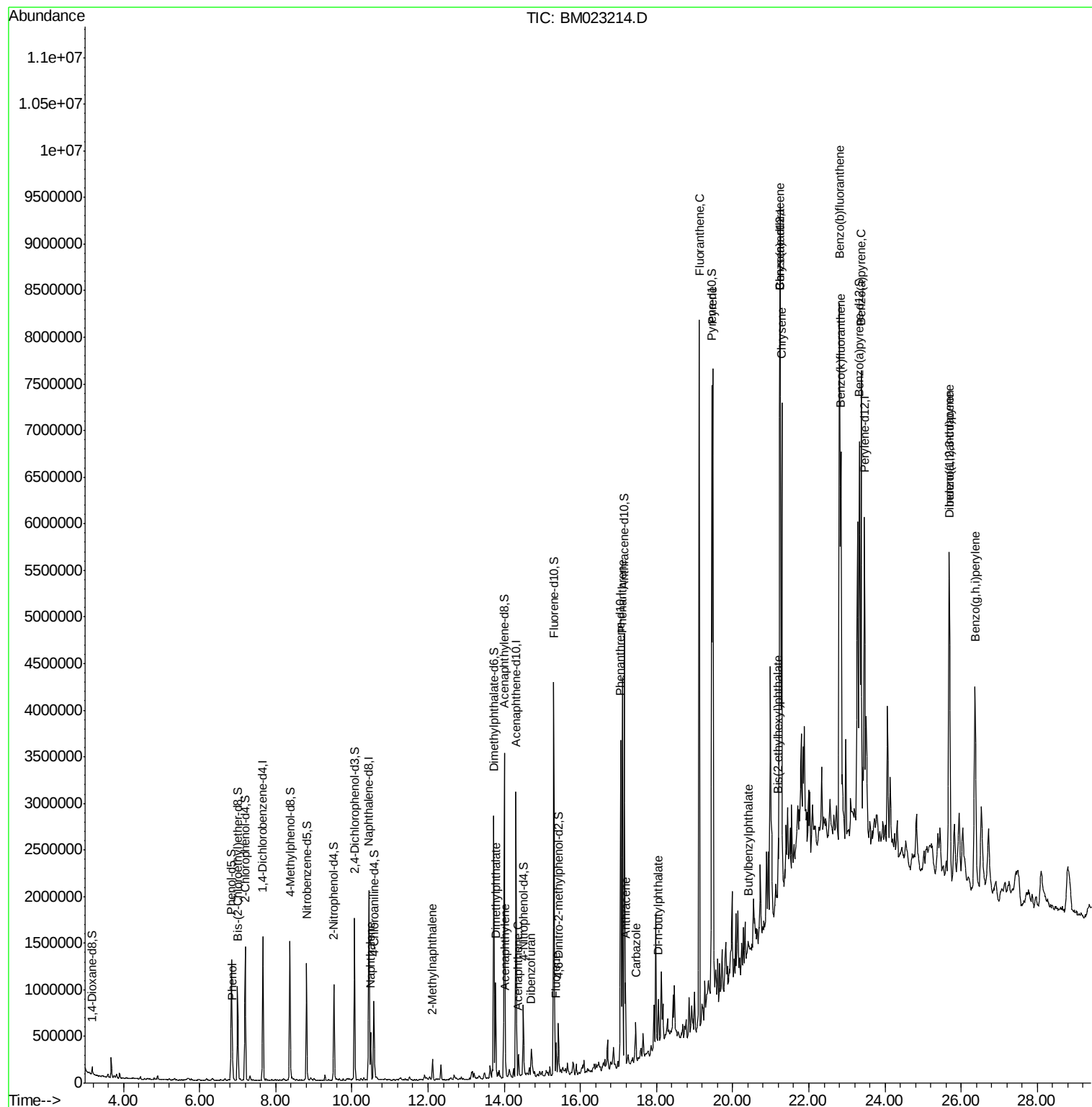
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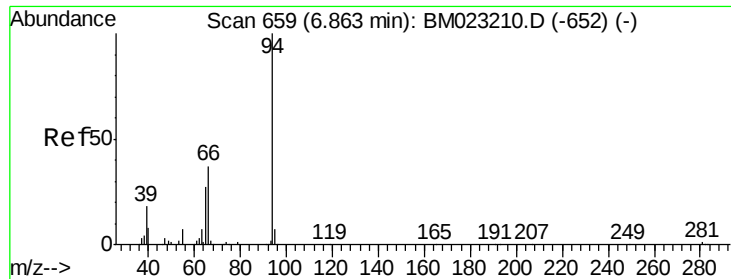
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#6

Phenol

Concen: 3.644 ng/ul

RT: 6.86 min Scan# 659

Delta R.T. 0.01 min

Lab File: BM023214.D

Acq: 17 Oct 2019 10:26

Instrument :

BNA_M

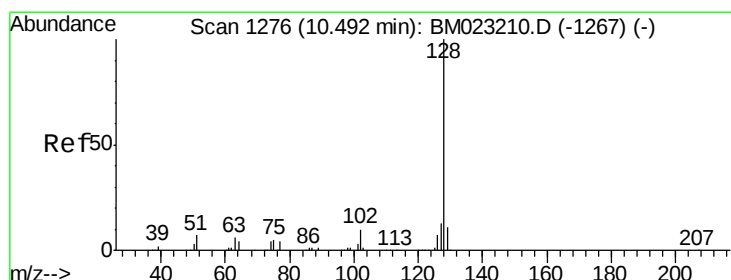
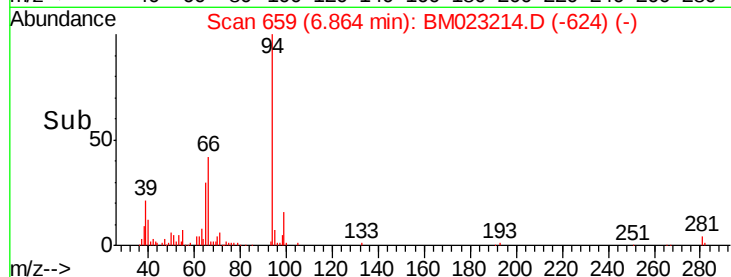
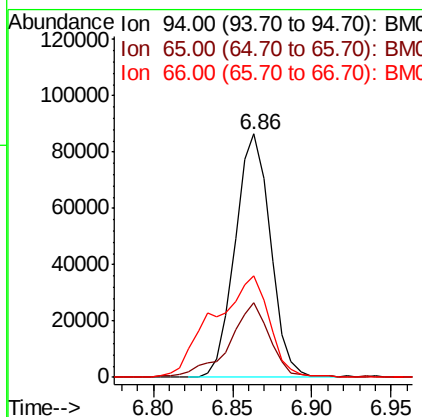
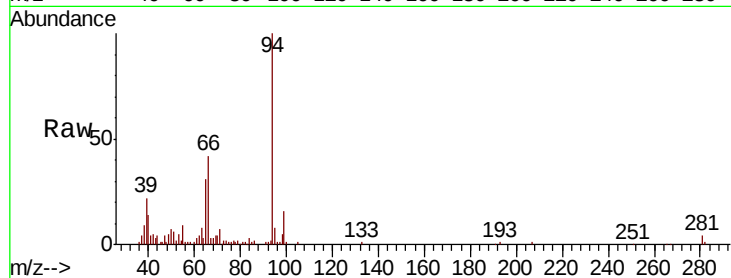
ClientSampleId :

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Tot Ion:	94	Resp:	134173
Ion	Ratio	Lower	Upper
94	100		
65	30.8	23.7	35.5
66	41.8	32.9	49.3

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#28

Naphthalene

Concen: 4.705 ng/ul

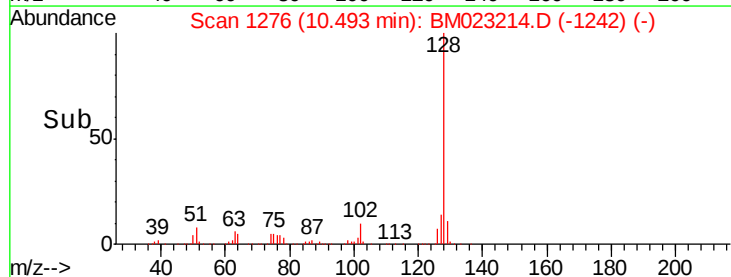
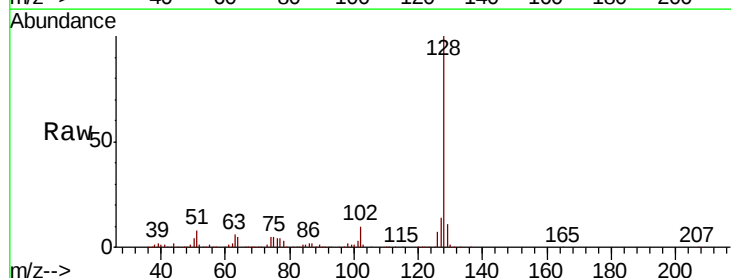
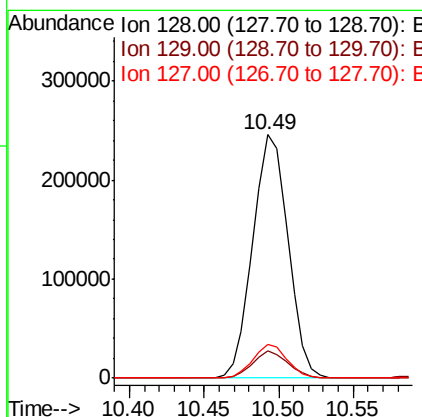
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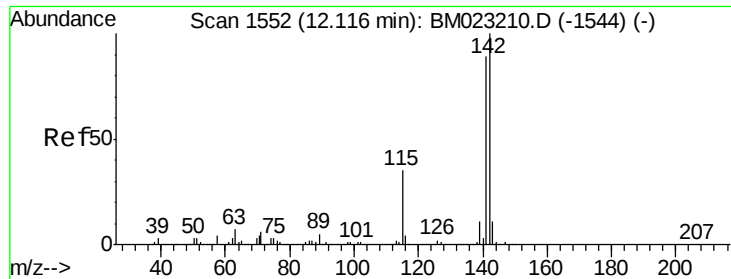
Delta R.T. 0.00 min

Lab File: BM023214.D

Acq: 17 Oct 2019 10:26

Tgt Ion:	128	Resp:	402114
Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.3	12.5
127	13.6	10.2	15.4





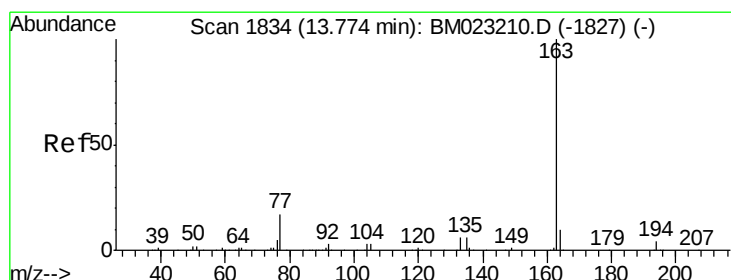
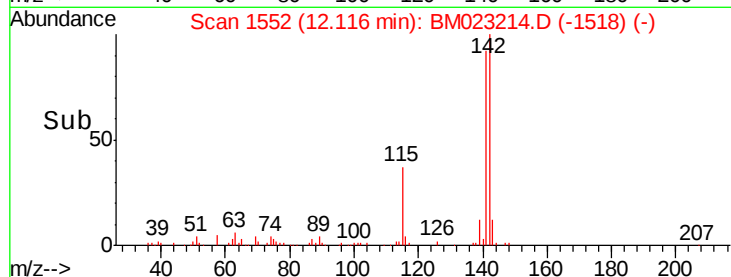
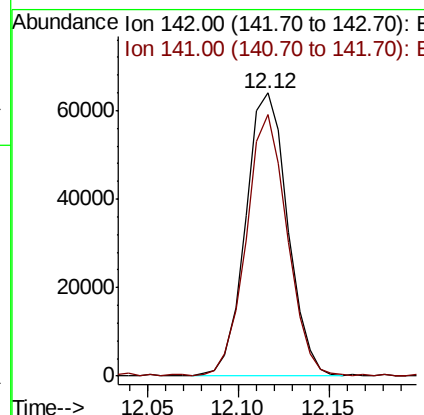
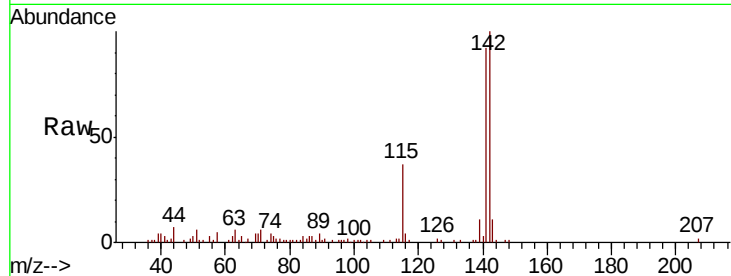
#34
2-Methylnaphthalene
Concen: 1.628 ng/ul
RT: 12.12 min Scan# 1552
Delta R.T. 0.00 min
Lab File: BM023214.D
Acq: 17 Oct 2019 10:26

Instrument :
BNA_M
ClientSampleId :
BFB78

Tot Ion	Ratio	Lower	Upper
142	100		
141	92.5	72.1	108.1

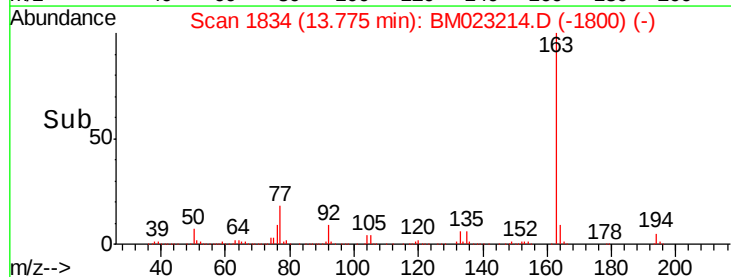
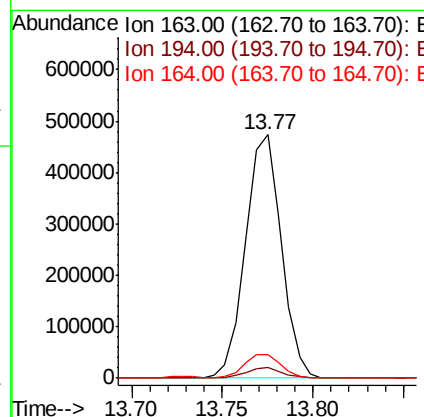
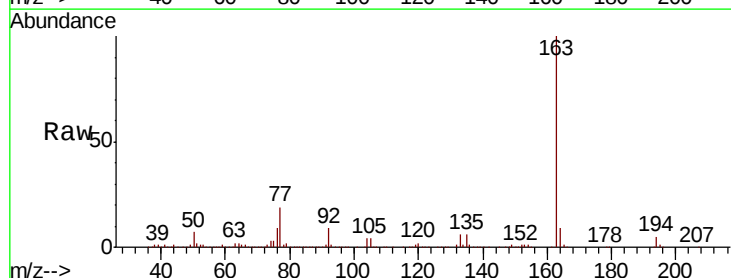
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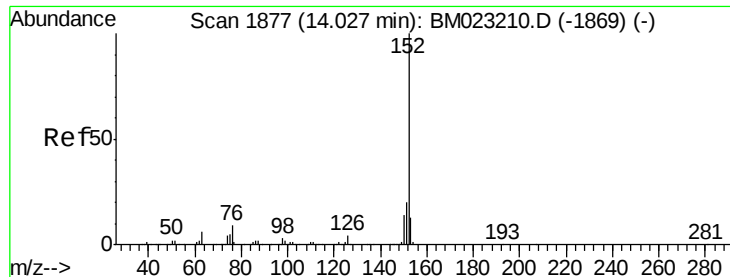
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#45
Dimethylphthalate
Concen: 8.445 ng/ul
RT: 13.77 min Scan# 1834
Delta R.T. 0.00 min
Lab File: BM023214.D
Acq: 17 Oct 2019 10:26

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.5	5.3
164	9.4	8.0	12.0





#48

Acenaphthylene

Concen: 1.960 ng/ul

RT: 14.03 min Scan# 1877

Delta R.T. 0.00 min

Lab File: BM023214.D

Acq: 17 Oct 2019 10:26

Instrument :

BNA_M

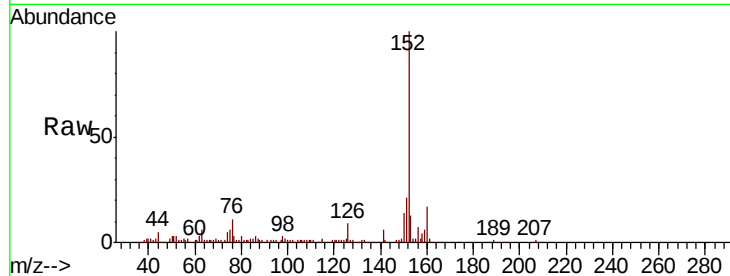
ClientSampleId :

BFB78

Tot Ion:	152	Resp:	180967
Ion Ratio	Lower	Upper	
152	100		
151	20.6	15.8	23.6
153	13.3	10.3	15.5

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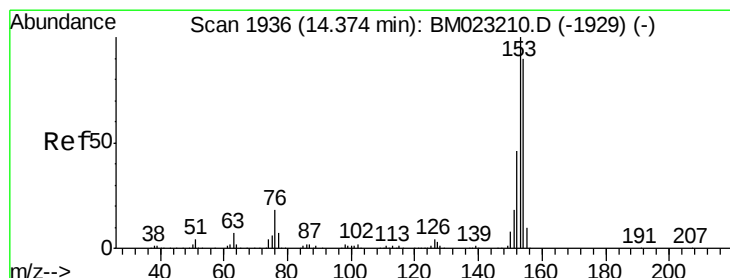
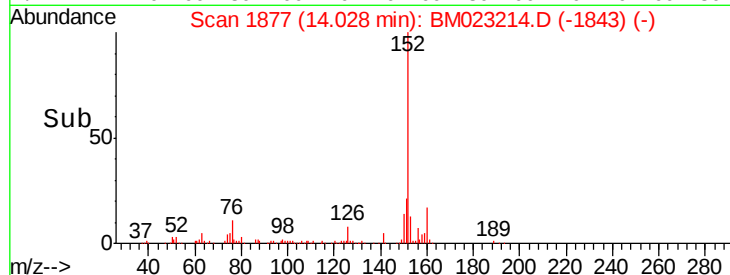
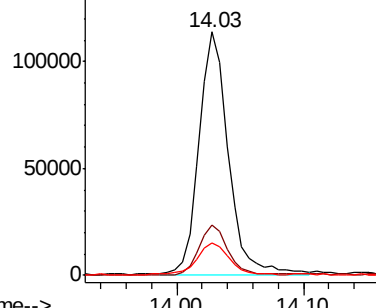


Abundance

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



#50

Acenaphthene

Concen: 1.530 ng/ul

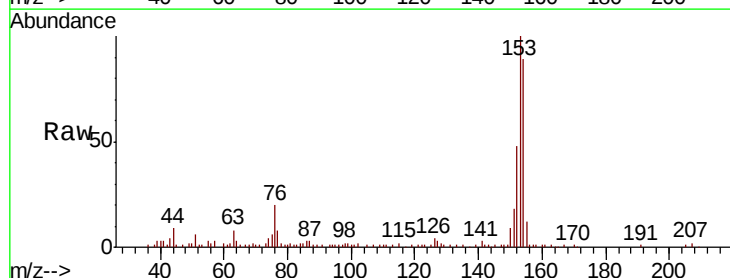
RT: 14.37 min Scan# 1936

Delta R.T. 0.00 min

Lab File: BM023214.D

Acq: 17 Oct 2019 10:26

Tgt Ion:	153	Resp:	98359
Ion Ratio	Lower	Upper	
153	100		
152	47.7	38.0	57.0
154	89.0	70.4	105.6

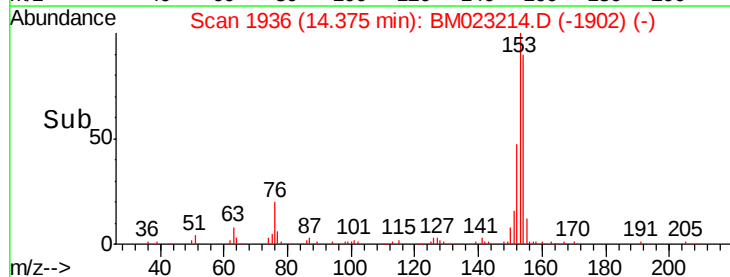
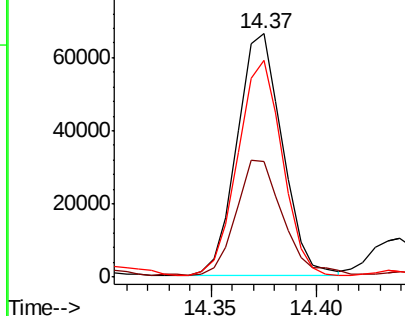


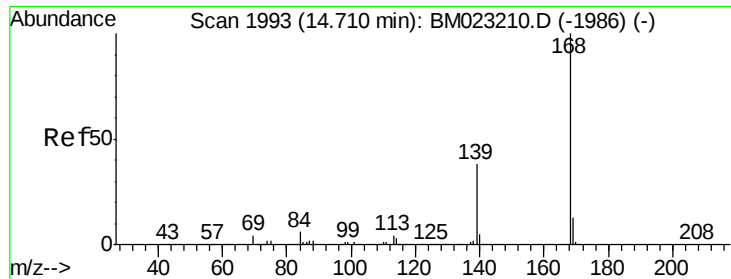
Abundance

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





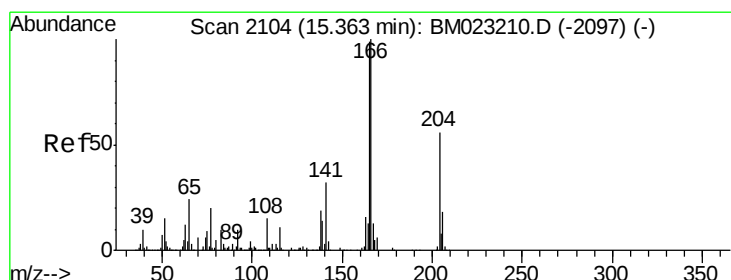
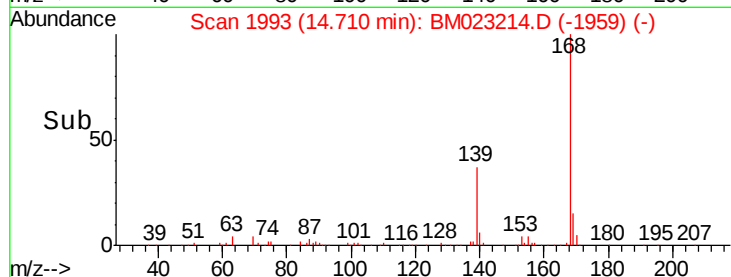
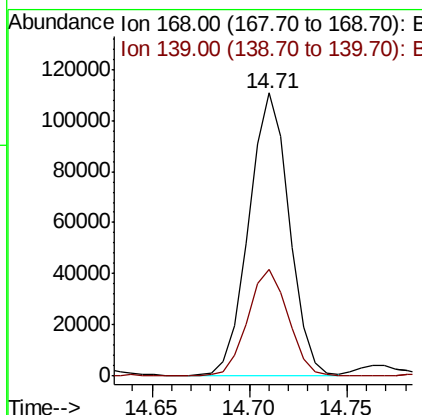
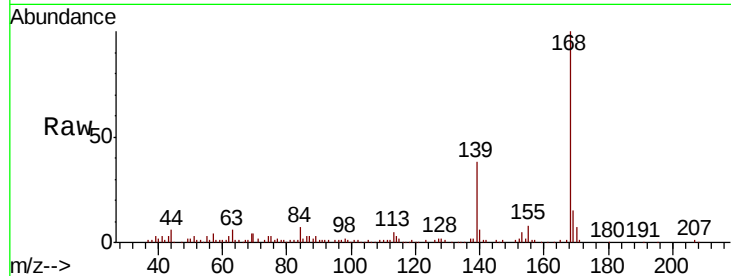
#54
Dibenzenofuran
Concen: 1.733 ng/ul
RT: 14.71 min Scan# 1993
Delta R.T. 0.00 min
Lab File: BM023214.D
Acq: 17 Oct 2019 10:26

Instrument :
BNA_M
ClientSampleId :
BFB78

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.9	30.1	45.1

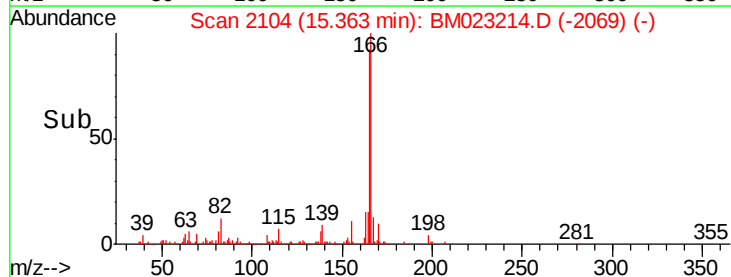
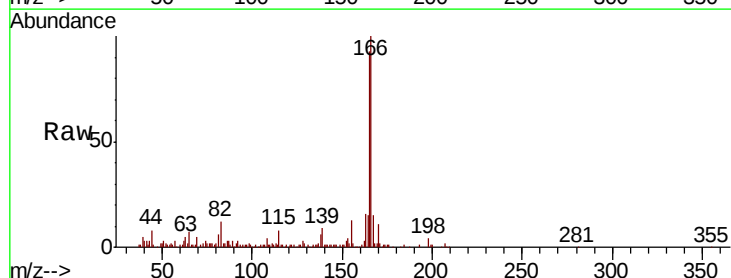
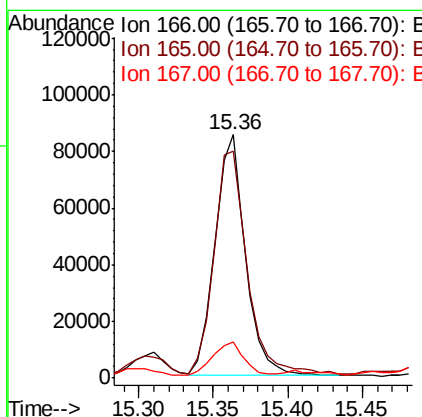
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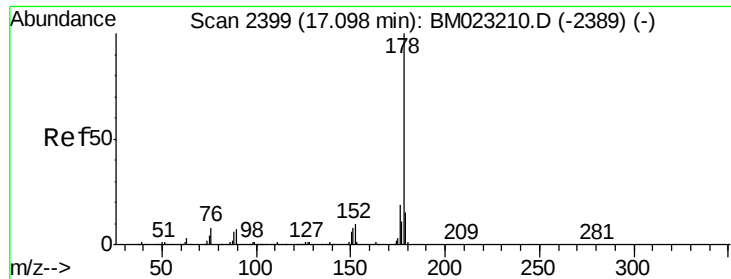
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#59
Fluorene
Concen: 1.626 ng/ul
RT: 15.36 min Scan# 2104
Delta R.T. 0.01 min
Lab File: BM023214.D
Acq: 17 Oct 2019 10:26

Tgt Ion	Ratio	Lower	Upper
166	100		
165	93.3	77.4	116.0
167	15.1	10.8	16.2





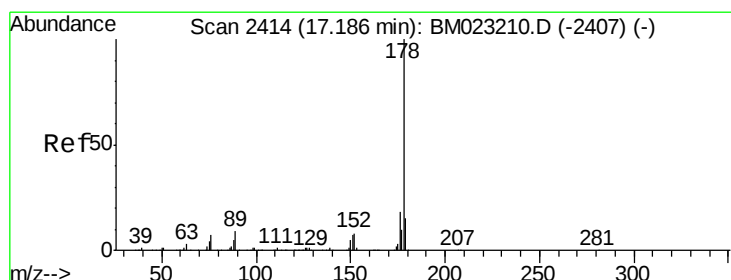
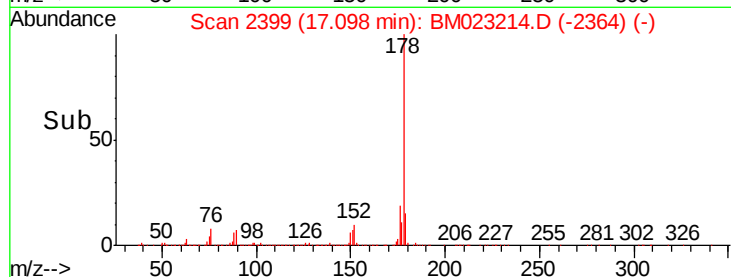
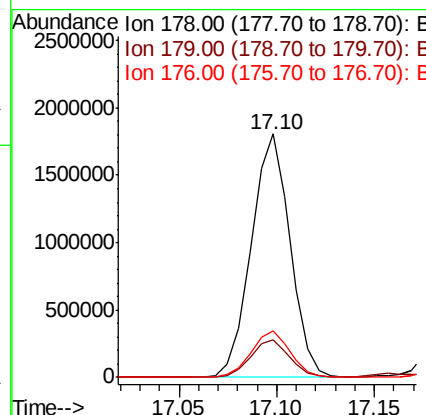
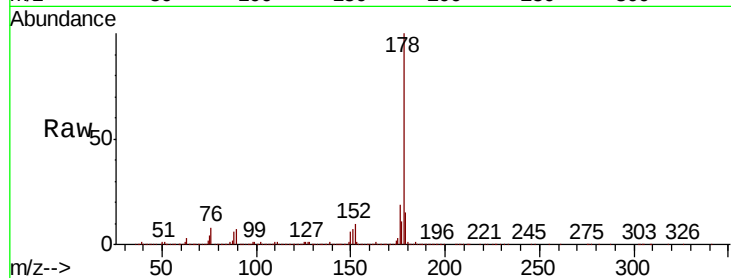
#70
 Phenanthrene
 Concen: 22.008 ng/ul
 RT: 17.10 min Scan# 2399
 Delta R.T. 0.01 min
 Lab File: BM023214.D
 Acq: 17 Oct 2019 10:26

Instrument :
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Tot Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.3	18.5
176	19.0	15.5	23.3

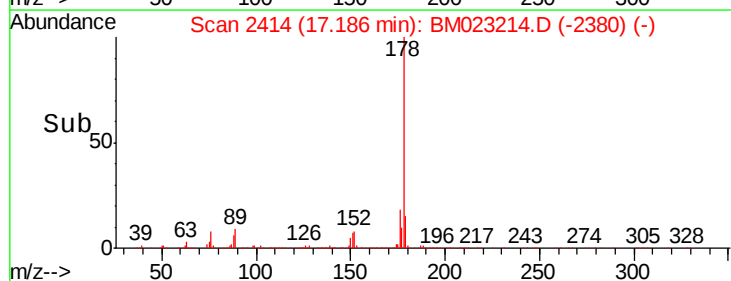
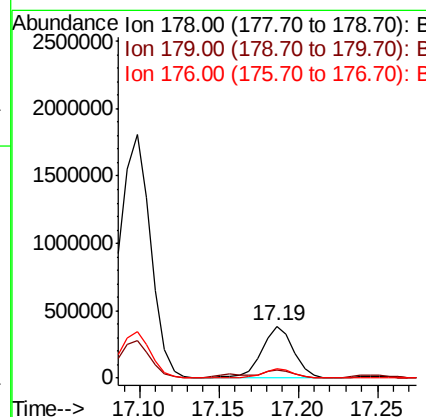
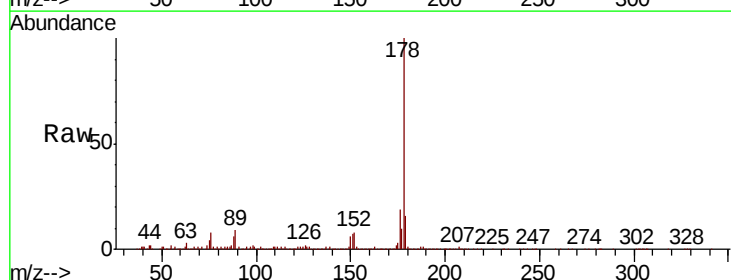
Manual Integrations
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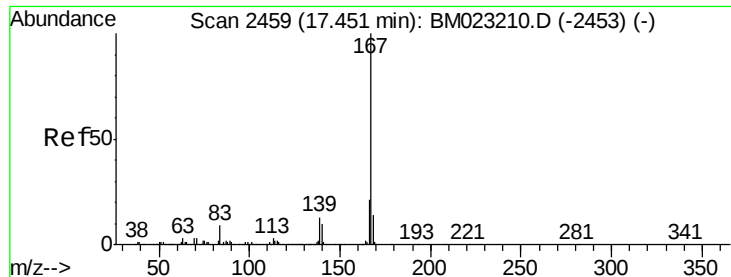
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#72
 Anthracene
 Concen: 4.631 ng/ul
 RT: 17.19 min Scan# 2414
 Delta R.T. 0.00 min
 Lab File: BM023214.D
 Acq: 17 Oct 2019 10:26

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.3	18.5
176	18.5	15.0	22.4





#75

Carbazole

Concen: 2.529 ng/ul

RT: 17.45 min Scan# 2459

Delta R.T. 0.00 min

Lab File: BM023214.D

Acq: 17 Oct 2019 10:26

Instrument :

BNA_M

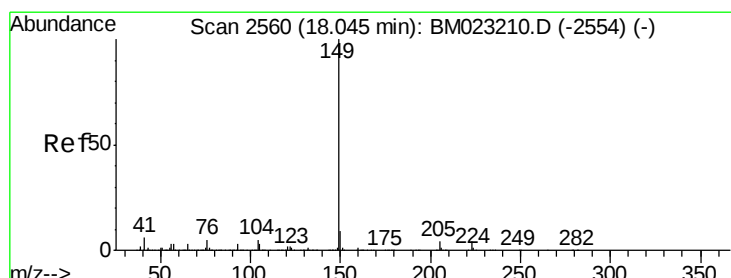
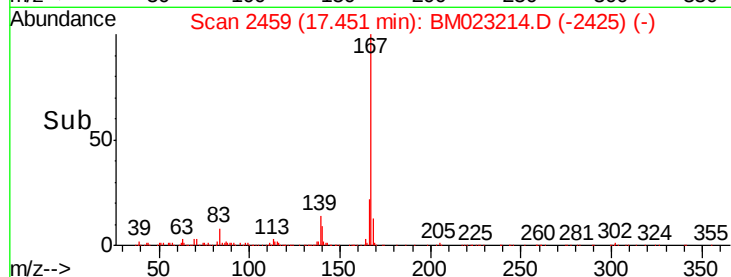
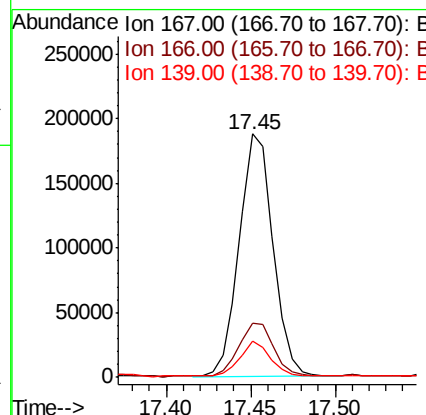
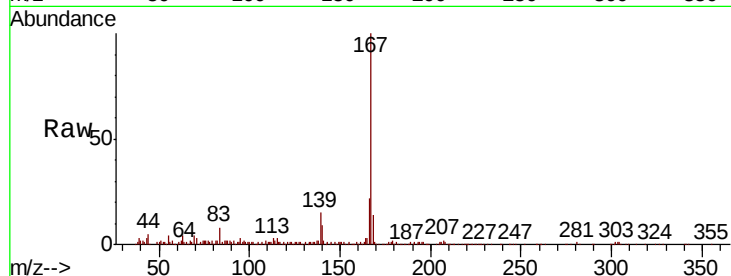
ClientSampleId :

BFB78

Tot Ion:	167	Resp:	261727
Ion Ratio		Lower	Upper
167	100		
166	22.2	17.4	26.0
139	14.8	10.2	15.2

Manual Integrations
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#76

Di-n-butylphthalate

Concen: 2.195 ng/ul

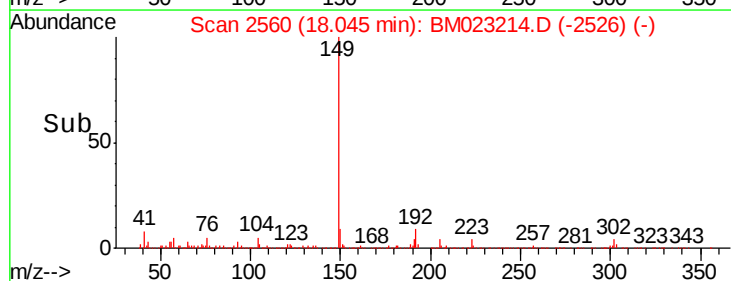
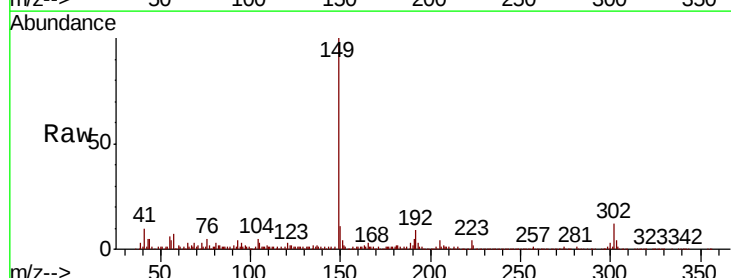
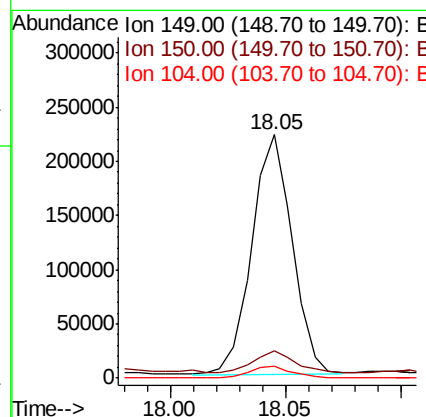
RT: 18.05 min Scan# 2560

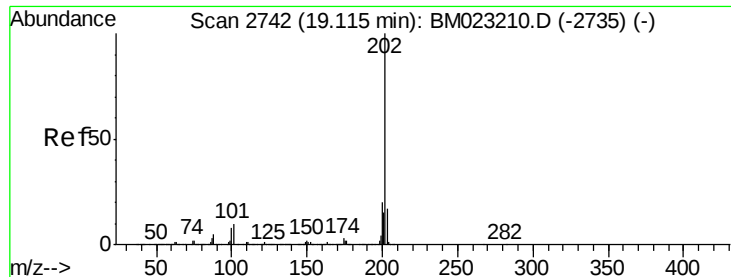
Delta R.T. 0.00 min

Lab File: BM023214.D

Acq: 17 Oct 2019 10:26

Tgt Ion:	149	Resp:	270294
Ion Ratio		Lower	Upper
149	100		
150	11.1	7.0	10.4#
104	4.8	4.0	6.0





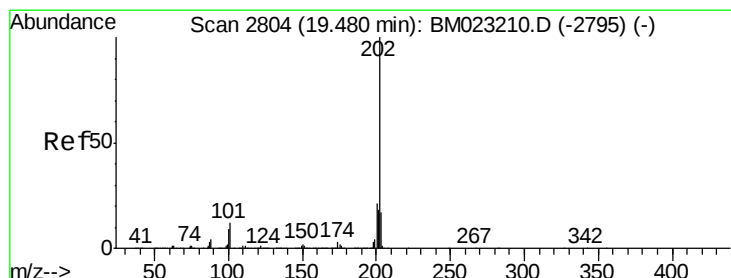
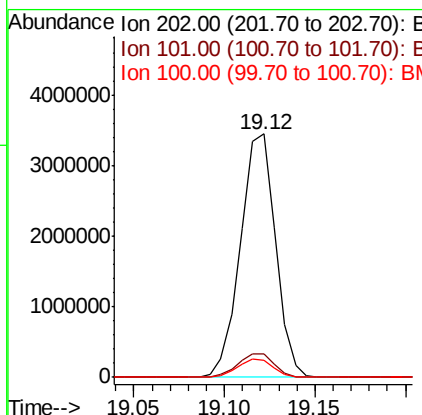
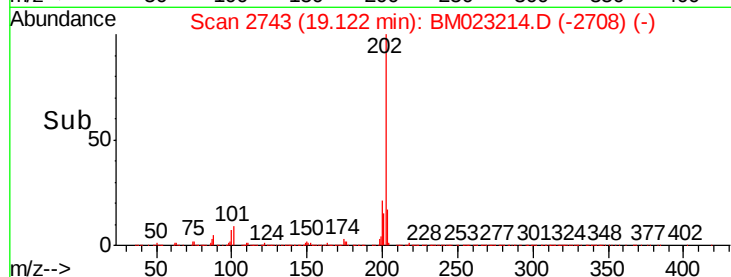
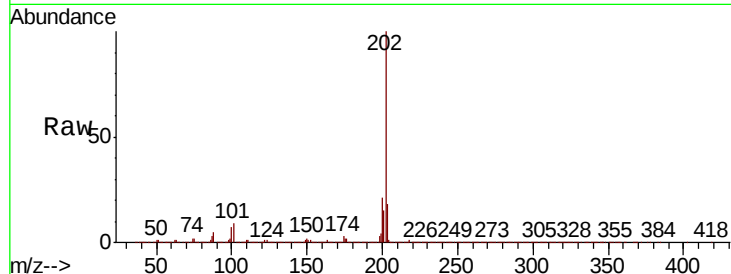
#77
Fluoranthene
 Concen: 34.830 ng/ul
 RT: 19.12 min Scan# 2743
 Delta R.T. 0.01 min
 Lab File: BM023214.D
 Acq: 17 Oct 2019 10:26

Instrument :
 BNA_M
 ClientSampleId :
 BFB78

Tot Ion	Ratio	Lower	Upper
202	100		
101	9.5	7.8	11.8
100	7.2	6.1	9.1

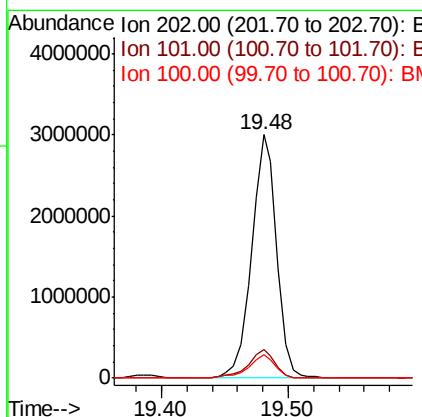
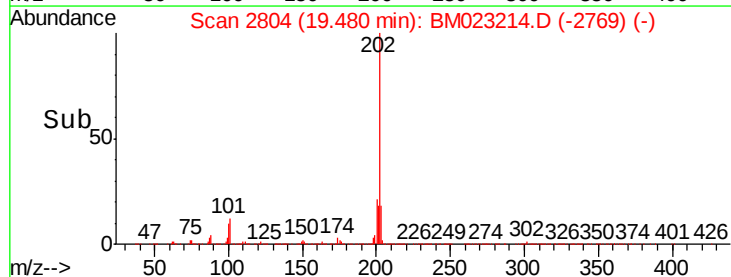
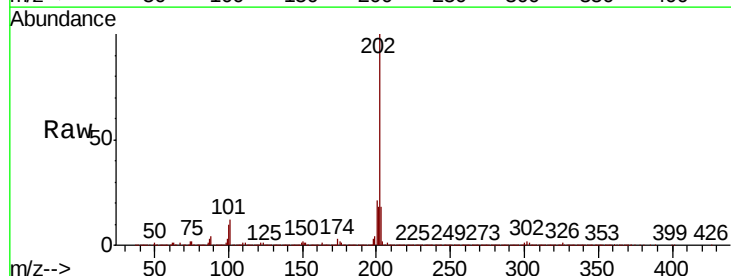
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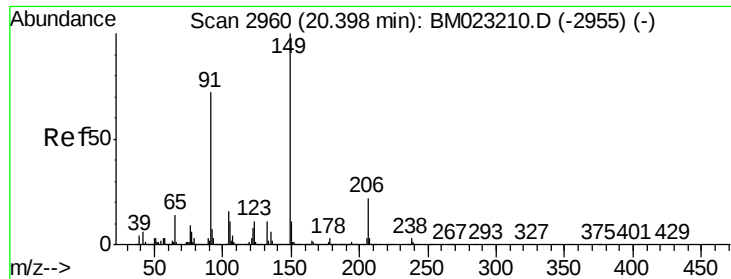
mohammad
 10/18/2019 8:27:53 AM



#80
Pyrene
 Concen: 32.958 ng/ul
 RT: 19.48 min Scan# 2804
 Delta R.T. 0.01 min
 Lab File: BM023214.D
 Acq: 17 Oct 2019 10:26

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.7	9.1	13.7
100	9.6	7.5	11.3





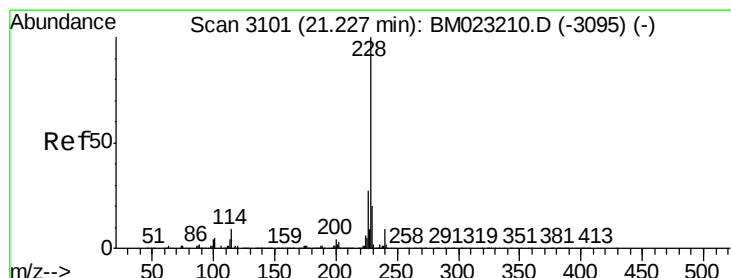
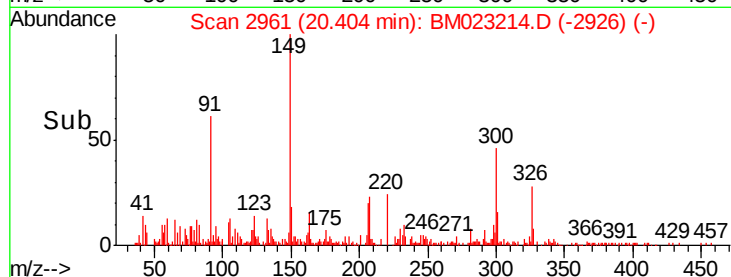
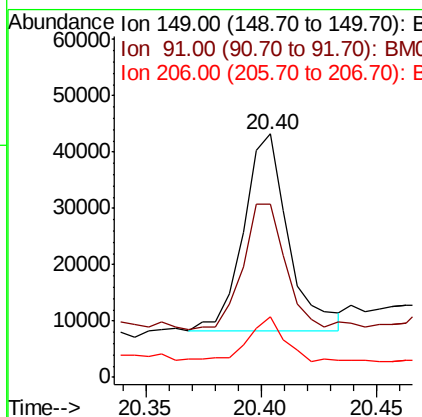
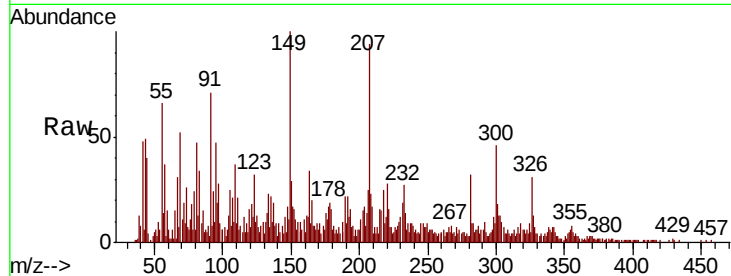
#81
Butylbenzylphthalate
Concen: 1.090 ng/ul
RT: 20.40 min Scan# 2961
Delta R.T. 0.01 min
Lab File: BM023214.D
Acq: 17 Oct 2019 10:26

Instrument :
BNA_M
ClientSampleID :
BFB78

Tot Ion	Ratio	Lower	Upper
149	100		
91	71.3	59.9	89.9
206	24.9	17.1	25.7

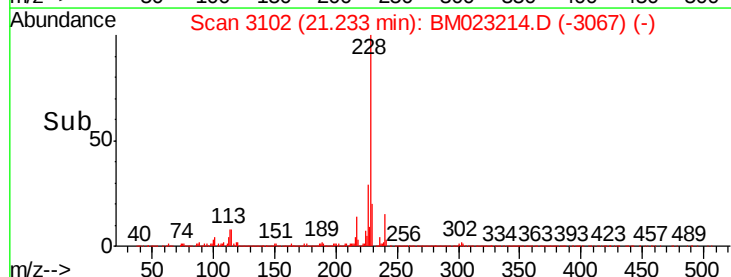
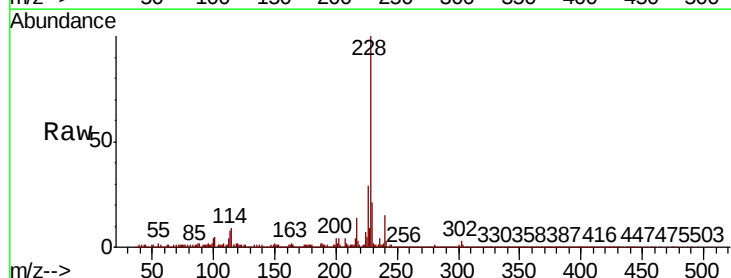
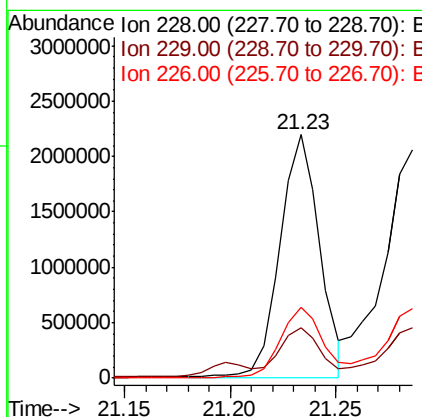
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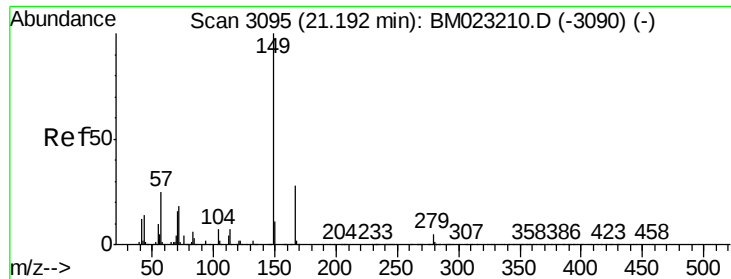
mohammad
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#83
Benzo(a)anthracene
Concen: 21.291 ng/ul
RT: 21.23 min Scan# 3102
Delta R.T. 0.01 min
Lab File: BM023214.D
Acq: 17 Oct 2019 10:26

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.5	15.7	23.5
226	28.9	21.6	32.4





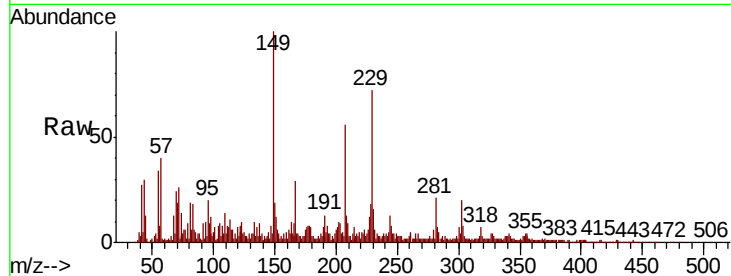
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 2.288 ng/ul
 RT: 21.19 min Scan# 3095
 Delta R.T. 0.00 min
 Lab File: BM023214.D
 Acq: 17 Oct 2019 10:26

Instrument :
 BNA_M
 ClientSampleId :
 BFB78

Tot Ion	Ratio	Lower	Upper
149	100		
167	29.1	22.5	33.7
279	6.0	4.0	6.0

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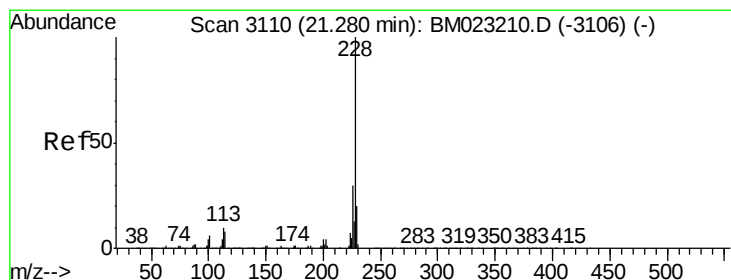
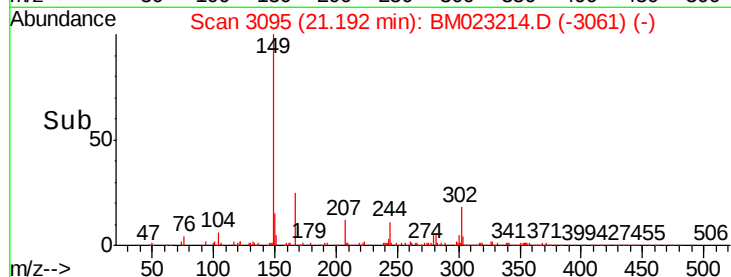
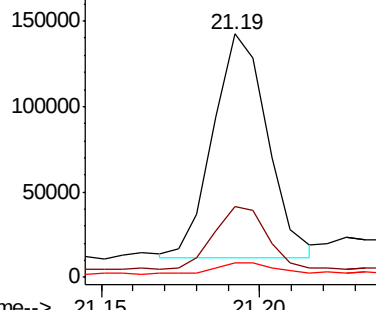


Abundance

Ion 149.00 (148.70 to 149.70): E

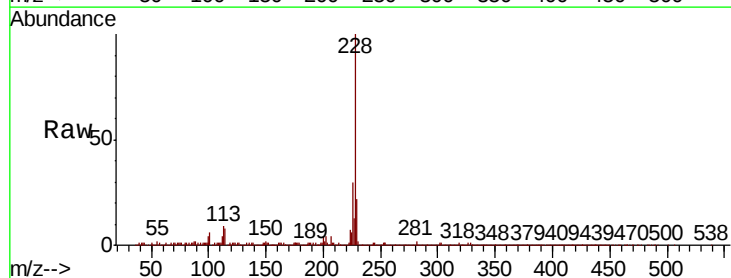
Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85
 Chrysene
 Concen: 23.607 ng/ul
 RT: 21.29 min Scan# 3111
 Delta R.T. 0.01 min
 Lab File: BM023214.D
 Acq: 17 Oct 2019 10:26

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.2	23.8	35.6
229	21.9	15.5	23.3

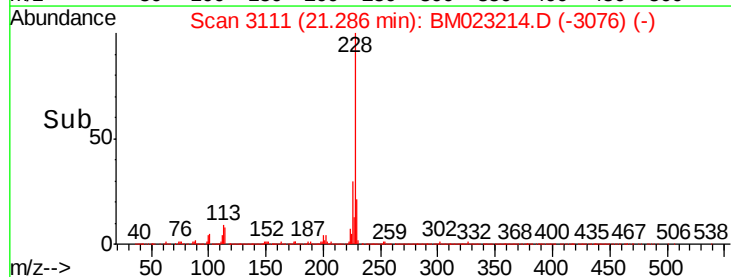
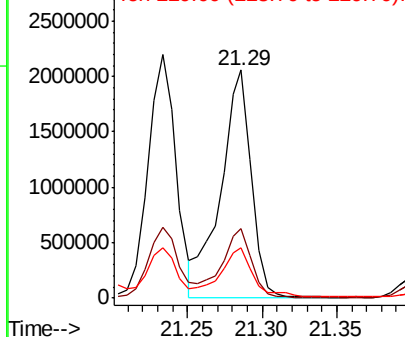


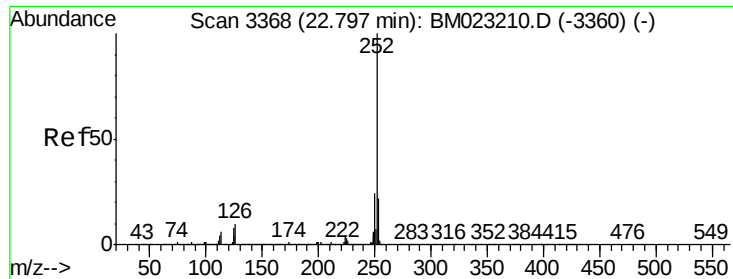
Abundance

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





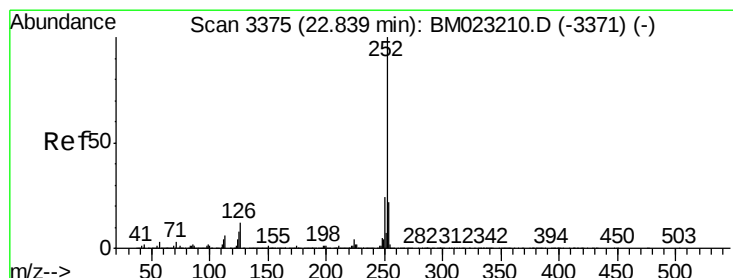
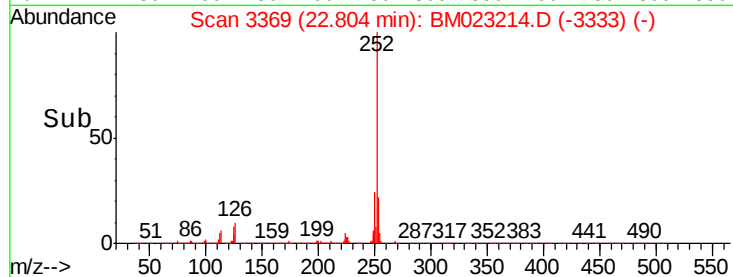
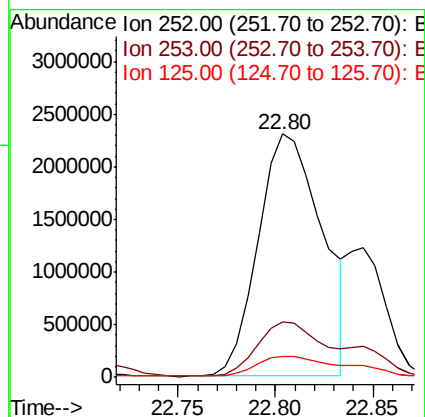
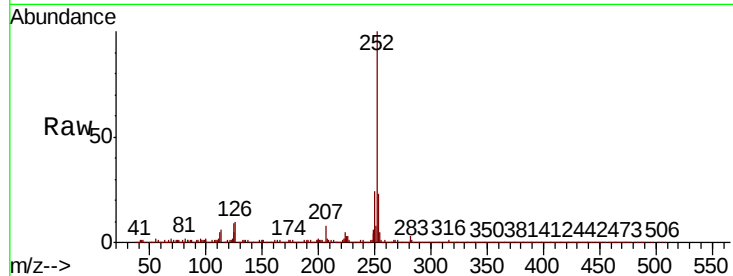
#88
Benzo(b)fluoranthene
Concen: 35.191 ng/ul
RT: 22.80 min Scan# 3369
Delta R.T. 0.01 min
Lab File: BM023214.D
Acq: 17 Oct 2019 10:26

Instrument :
BNA_M
ClientSampleId :
BFB78

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.6	26.4
125	8.8	6.4	9.6

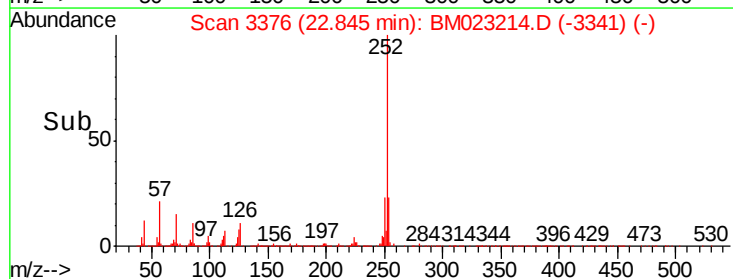
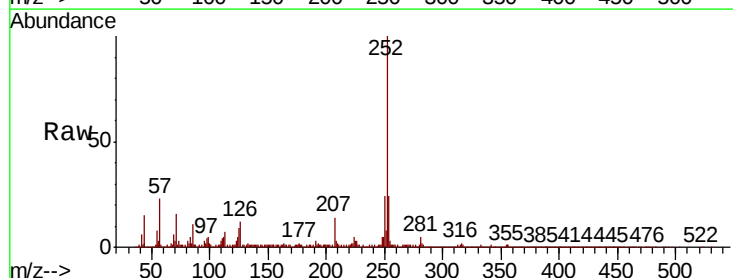
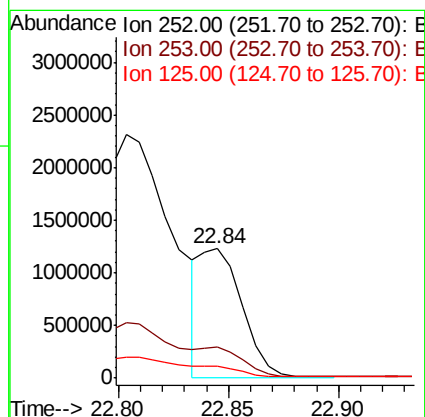
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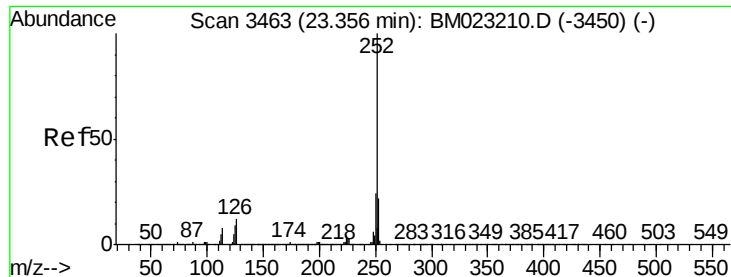
mohammad
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#89
Benzo(k)fluoranthene
Concen: 11.548 ng/ul m
RT: 22.84 min Scan# 3376
Delta R.T. 0.01 min
Lab File: BM023214.D
Acq: 17 Oct 2019 10:26

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.4	26.0
125	9.4	6.5	9.7





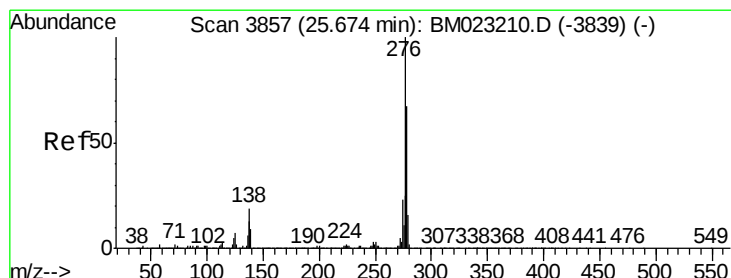
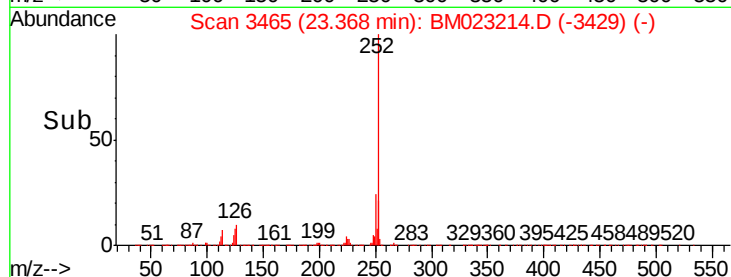
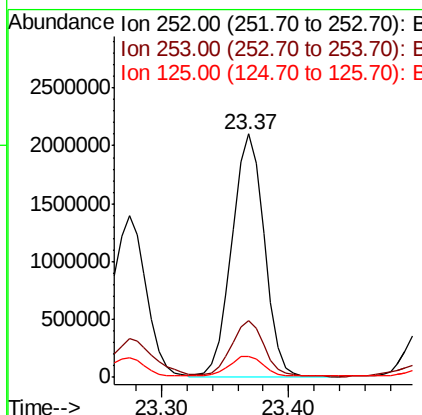
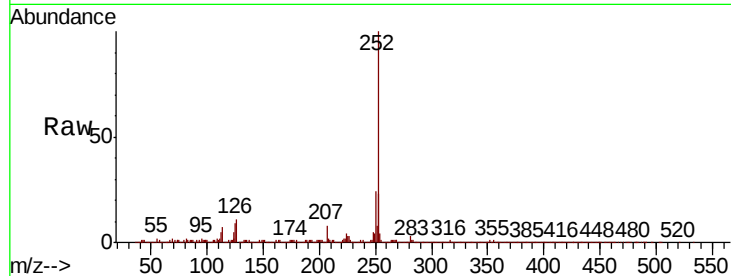
#91
Benzo(a)pyrene
Concen: 25.748 ng/ul
RT: 23.37 min Scan# 3465
Delta R.T. 0.01 min
Lab File: BM023214.D
Acq: 17 Oct 2019 10:26

Instrument :
BNA_M
ClientSampled :
BFB78

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.2	25.8
125	8.5	7.4	11.0

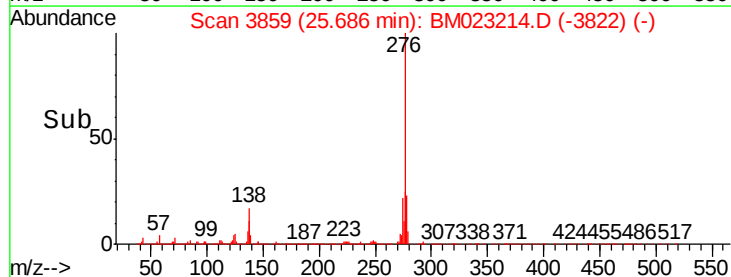
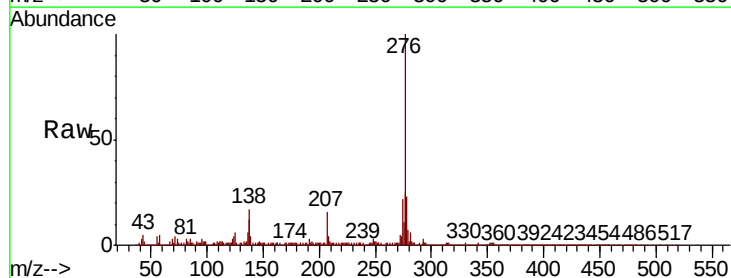
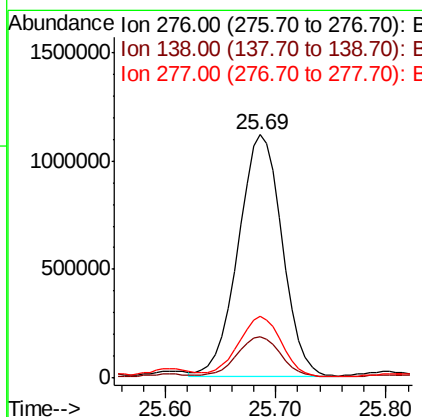
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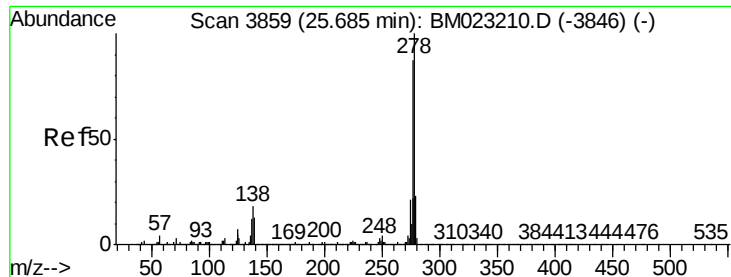
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#92
Indeno(1,2,3-cd)pyrene
Concen: 18.187 ng/ul
RT: 25.69 min Scan# 3859
Delta R.T. 0.02 min
Lab File: BM023214.D
Acq: 17 Oct 2019 10:26

Tgt Ion	Ratio	Lower	Upper
276	100		
138	17.1	14.9	22.3
277	25.2	19.8	29.8





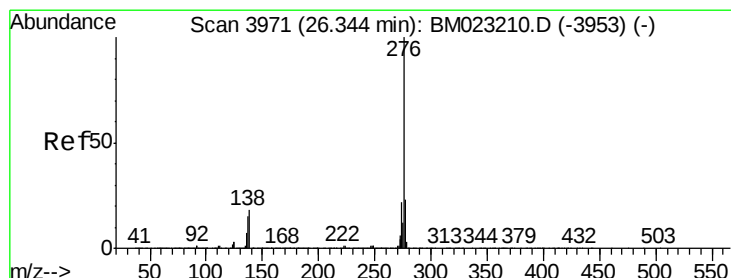
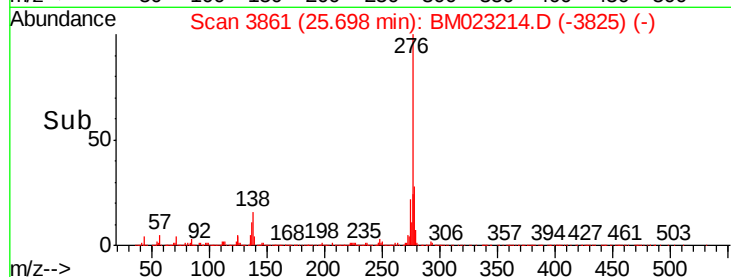
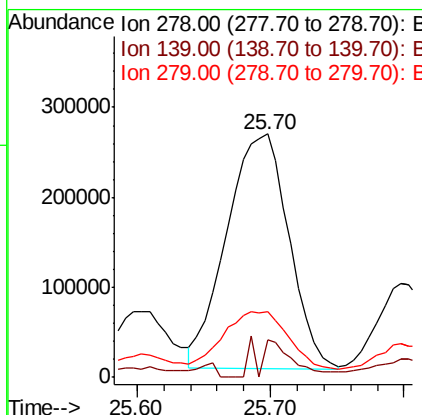
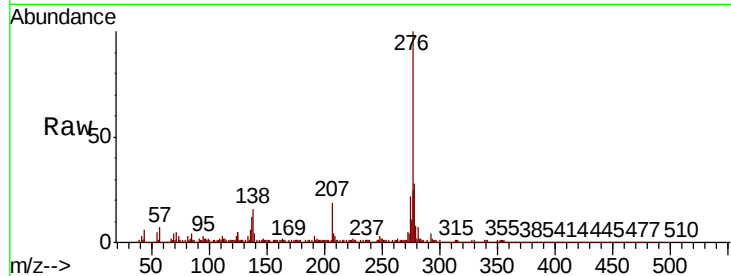
#93
Dibenzo(a,h)anthracene
Concen: 5.943 ng/ul
RT: 25.70 min Scan# 3861
Delta R.T. 0.01 min
Lab File: BM023214.D
Acq: 17 Oct 2019 10:26

Instrument :
BNA_M
ClientSampled :
BFB78

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.5	10.0	15.0#
279	26.8	19.4	29.0

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#94
Benzo(g,h,i)perylene
Concen: 18.680 ng/ul
RT: 26.37 min Scan# 3975
Delta R.T. 0.03 min
Lab File: BM023214.D
Acq: 17 Oct 2019 10:26

Tgt Ion	Ratio	Lower	Upper
276	100		
138	17.3	14.4	21.6
277	24.9	19.4	29.2

