

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102919\
 Data File : BM023451.D
 Acq On : 29 Oct 2019 20:08
 Operator : JU
 Sample : K5395-10DL 10X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0003DL

Manual Integrations
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mohammad
 10/30/2019 4:54:08 PM

Quant Time: Oct 30 08:36:02 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 30 07:08:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	517387	20.00	ng/ul	-0.02
18) Naphthalene-d8	10.40	136	2141789	20.00	ng/ul	-0.02
36) Acenaphthene-d10	14.27	164	1260577	20.00	ng/ul	-0.02
62) Phenanthrene-d10	17.02	188	2548106	20.00	ng/ul	-0.02
78) Chrysene-d12	21.22	240	2747041	20.00	ng/ul	-0.01
86) Perylene-d12	23.40	264	3285873	20.00	ng/ul	-0.02

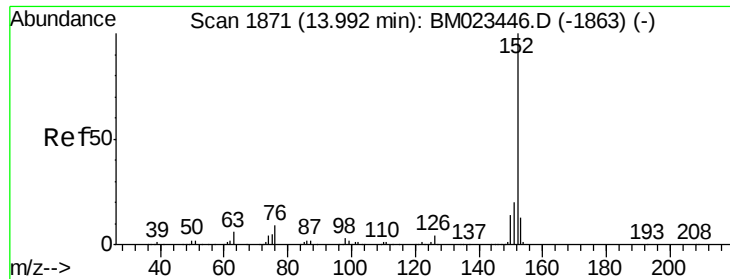
System Monitoring Compounds

3) 1,4-Dioxane-d8	3.16	96	4726	0.43	ng/uL	0.00
5) Phenol-d5	6.80	99	64113	1.48	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	6.96	67	43954	1.73	ng/ul	-0.02
9) 2-Chlorophenol-d4	7.16	132	52165	1.54	ng/ul	-0.01
13) 4-Methylphenol-d8	8.34	113	43667	1.24	ng/ul	-0.01
19) Nitrobenzene-d5	8.77	128	25606	1.59	ng/ul	-0.02
22) 2-Nitrophenol-d4	9.49	143	24511	1.37	ng/ul	-0.02
26) 2,4-Dichlorophenol-d3	10.03	165	43592	1.24	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.55	131	27203	0.67	ng/ul	-0.01
44) Dimethylphthalate-d6	13.69	166	156957	1.64	ng/ul	-0.02
47) Acenaphthylene-d8	13.96	160	172990	1.58	ng/ul	-0.02
52) 4-Nitrophenol-d4	14.50	143	7180	0.43	ng/ul	0.00
58) Fluorene-d10	15.27	176	137154	1.69	ng/ul	-0.02
63) 4,6-Dinitro-2-methylphenol	15.40	200	6814	0.43	ng/ul	-0.01
71) Anthracene-d10	17.12	188	210677	1.75	ng/ul	-0.02
79) Pyrene-d10	19.42	212	252221	1.67	ng/ul	-0.01
90) Benzo(a)pyrene-d12	23.27	264	288210	1.72	ng/ul	-0.02

Target Compounds

					Ovalue
48) Acenaphthylene	13.99	152	185872	1.635	ng/ul 96
70) Phenanthrene	17.06	178	2707691	19.015	ng/ul 99
72) Anthracene	17.15	178	528792	3.665	ng/ul 100
75) Carbazole	17.42	167	168877	1.388	ng/ul 99
77) Fluoranthene	19.09	202	7130597	48.007	ng/ul 100
80) Pyrene	19.44	202	6185992	31.890	ng/ul 99
83) Benzo(a)anthracene	21.20	228	3130268	17.038	ng/ul 98
85) Chrysene	21.25	228	2674458	15.777	ng/ul 99
88) Benzo(b)fluoranthene	22.76	252	4230011	20.044	ng/ul 98
89) Benzo(k)fluoranthene	22.79	252	1113583m	5.619	ng/ul
91) Benzo(a)pyrene	23.31	252	2822068	14.771	ng/ul 98
92) Indeno(1,2,3-cd)pyrene	25.60	276	2147408	10.380	ng/ul 97
93) Dibenzo(a,h)anthracene	25.60	278	480951	2.757	ng/ul# 84
94) Benzo(g,h,i)perylene	26.27	276	1998634	11.875	ng/ul 98

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



#48

Acenaphthylene

Concen: 1.635 ng/ul

RT: 13.99 min Scan# 1871

Delta R.T. -0.01 min

Lab File: BM023451.D

Acq: 29 Oct 2019 20:08

Instrument :

BNA_M

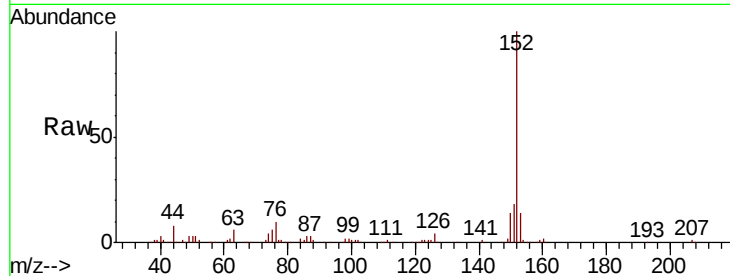
ClientSampleId :

C0003DL

Tot Ion:	152	Resp:	185872
Ion Ratio	Lower	Upper	
152	100		
151	18.3	16.2	24.2
153	14.4	10.4	15.6

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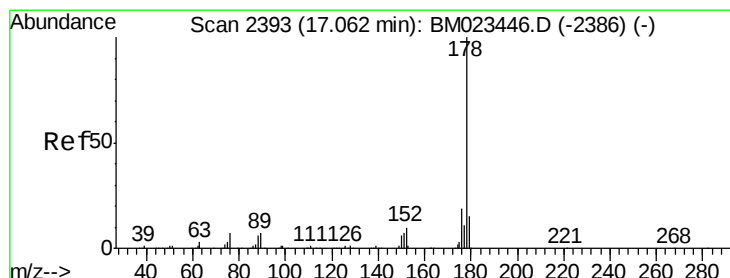
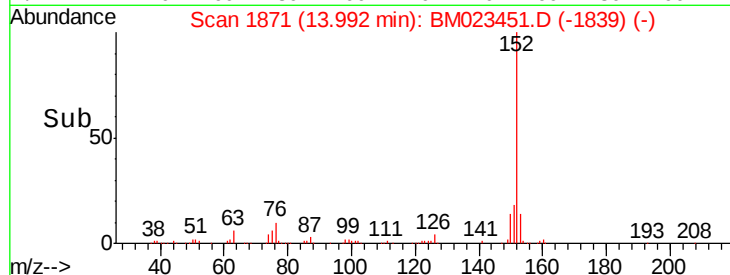
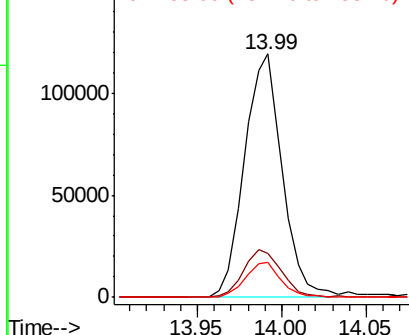


Abundance

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: 19.015 ng/ul

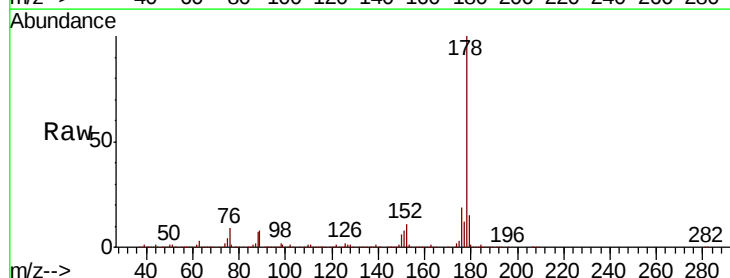
RT: 17.06 min Scan# 2392

Delta R.T. -0.02 min

Lab File: BM023451.D

Acq: 29 Oct 2019 20:08

Tgt Ion:	178	Resp:	2707691
Ion Ratio	Lower	Upper	
178	100		
179	15.3	12.2	18.2
176	19.2	14.9	22.3

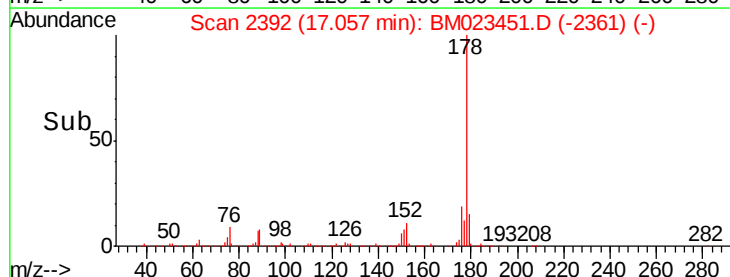
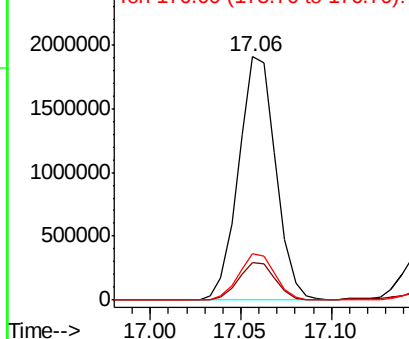


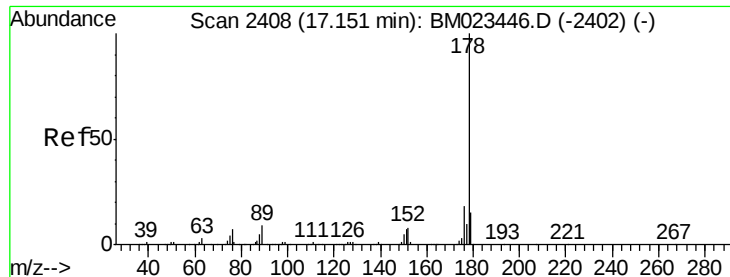
Abundance

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: 3.665 ng/ul

RT: 17.15 min Scan# 2408

Delta R.T. -0.02 min

Lab File: BM023451.D

Acq: 29 Oct 2019 20:08

Instrument :

BNA_M

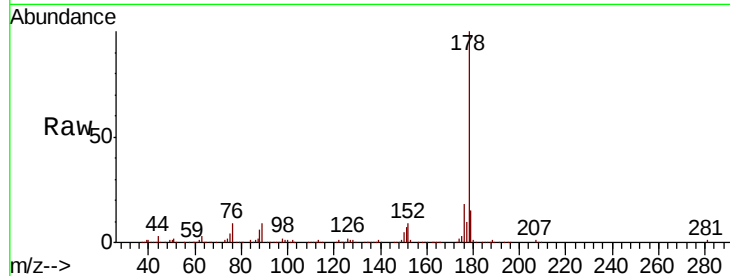
ClientSampleID :

C0003DL

Tot Ion:	178	Resp:	528792
Ion Ratio	Lower	Upper	
178	100		
179	15.1	12.1	18.1
176	17.9	14.4	21.6

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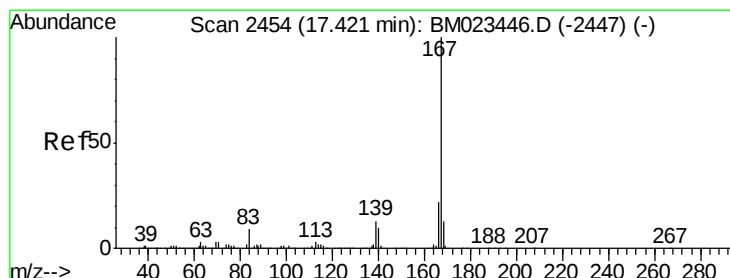
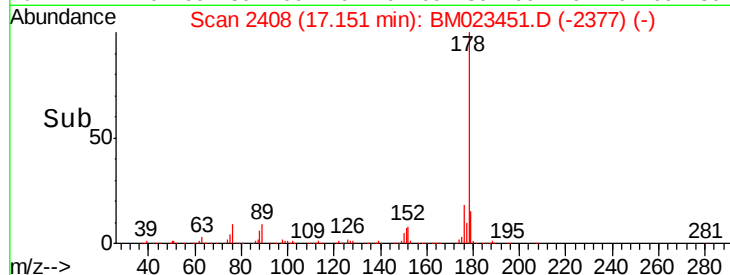
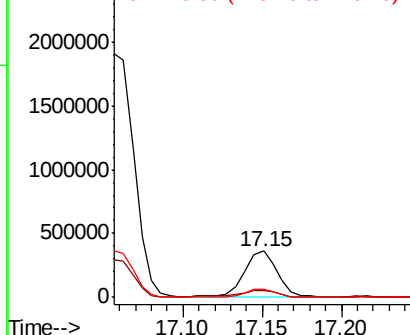


Abundance

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



#75

Carbazole

Concen: 1.388 ng/ul

RT: 17.42 min Scan# 2454

Delta R.T. -0.01 min

Lab File: BM023451.D

Acq: 29 Oct 2019 20:08

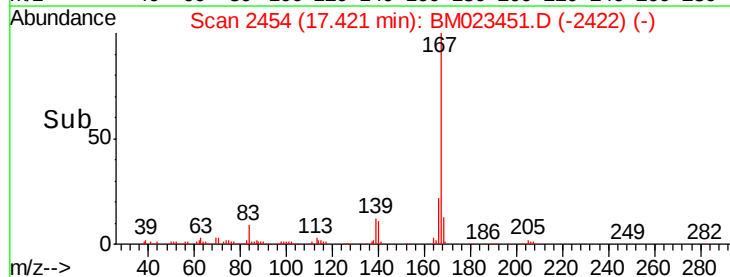
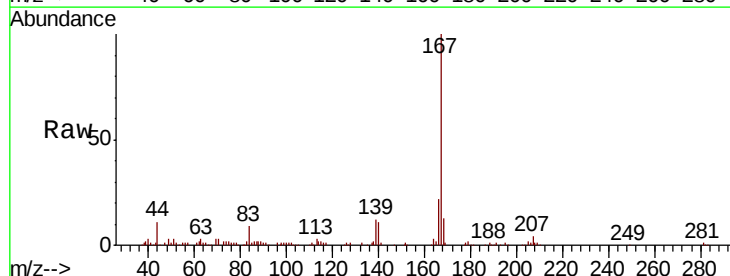
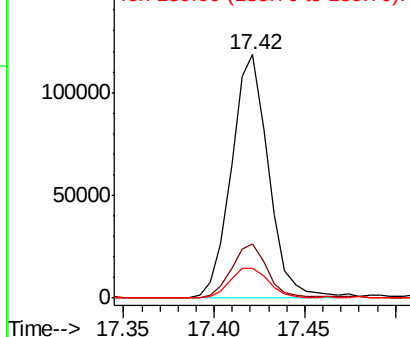
Tgt Ion:	167	Resp:	168877
Ion Ratio	Lower	Upper	
167	100		
166	22.3	17.1	25.7
139	12.4	10.0	15.0

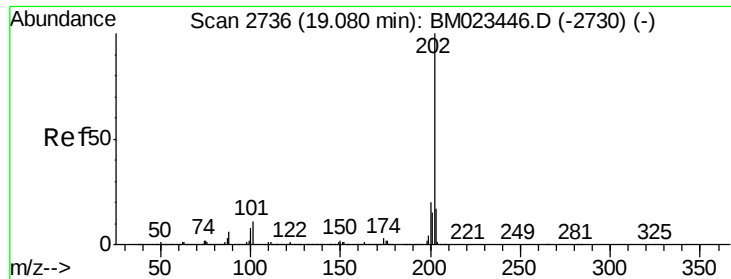
Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





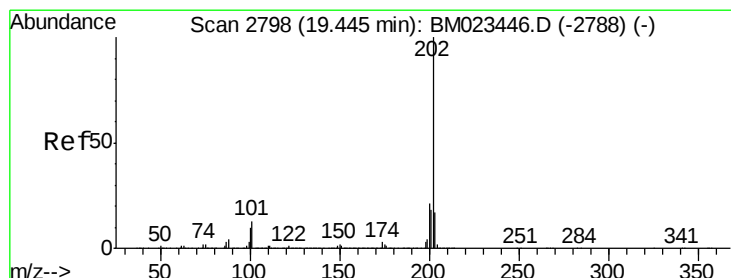
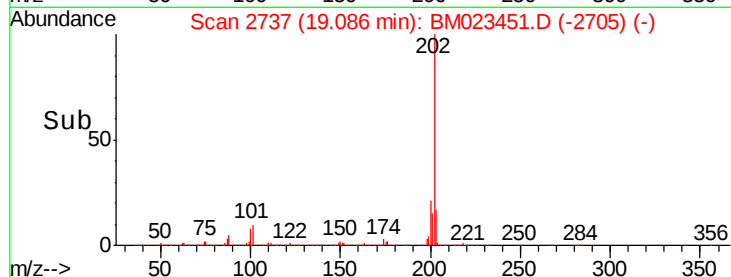
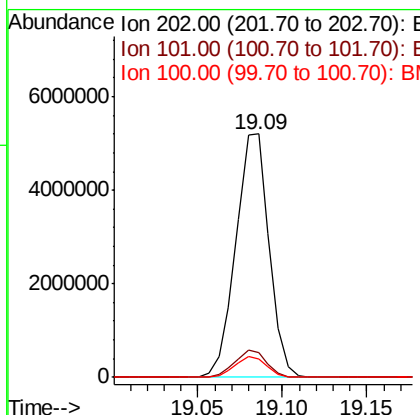
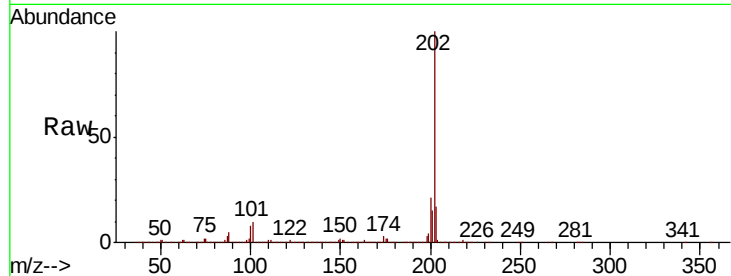
#77
 Fluoranthene
 Concen: 48.007 ng/ul
 RT: 19.09 min Scan# 2737
 Delta R.T. -0.01 min
 Lab File: BM023451.D
 Acq: 29 Oct 2019 20:08

Instrument :
 BNA_M
 ClientSampleId :
 C0003DL

Tot Ion	Ratio	Lower	Upper
202	100		
101	10.0	8.1	12.1
100	7.7	6.2	9.2

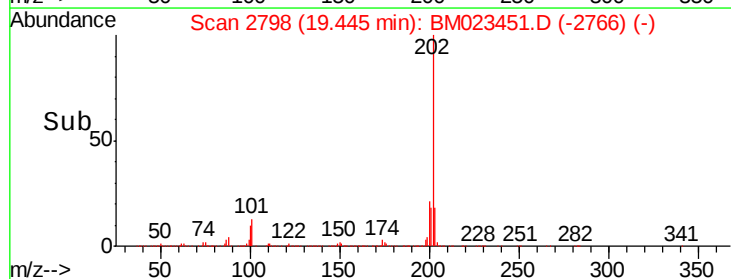
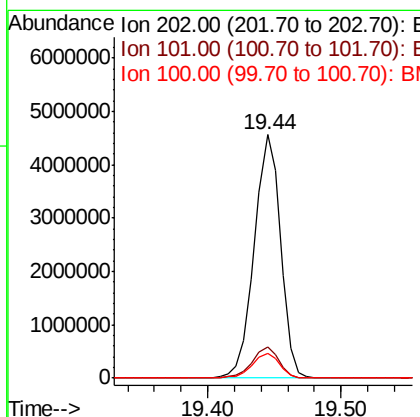
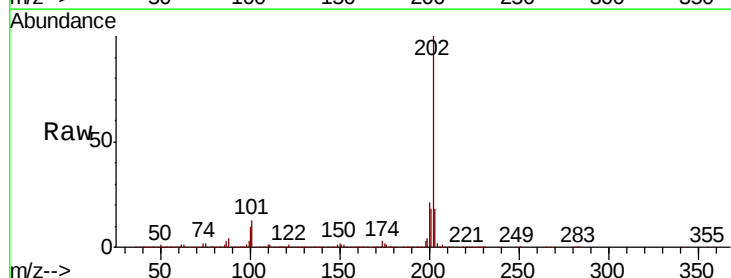
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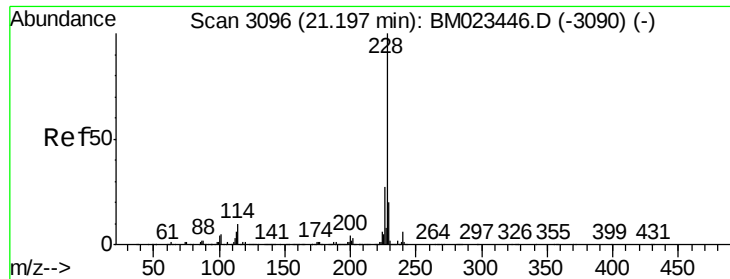
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#80
 Pyrene
 Concen: 31.890 ng/ul
 RT: 19.44 min Scan# 2798
 Delta R.T. -0.01 min
 Lab File: BM023451.D
 Acq: 29 Oct 2019 20:08

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.8	10.0	15.0
100	10.3	8.3	12.5





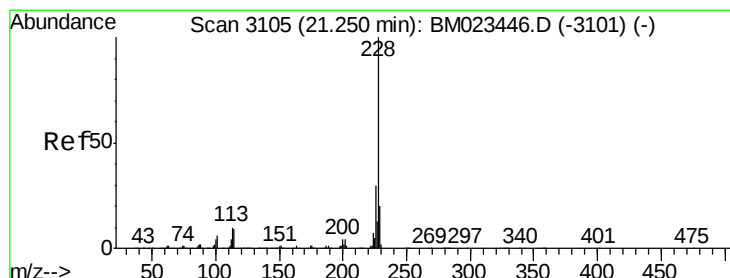
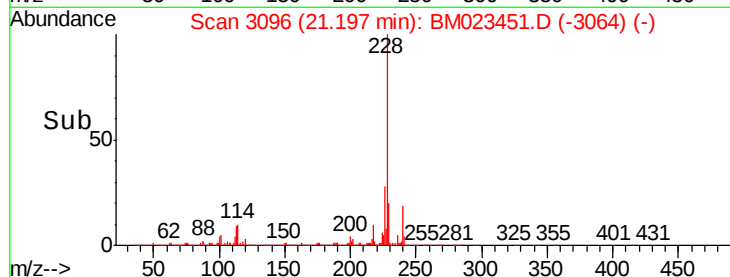
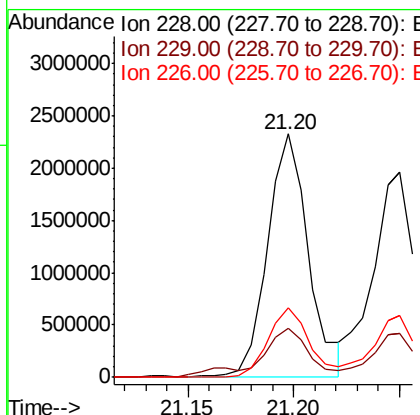
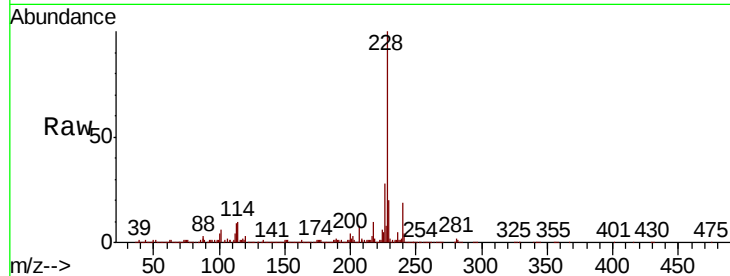
#83
Benzo(a)anthracene
Concen: 17.038 ng/ul
RT: 21.20 min Scan# 3096
Delta R.T. -0.01 min
Lab File: BM023451.D
Acq: 29 Oct 2019 20:08

Instrument :
BNA_M
ClientSampleId :
C0003DL

Tot Ion	Ratio	Lower	Upper
228	100		
229	20.3	15.8	23.8
226	28.3	21.6	32.4

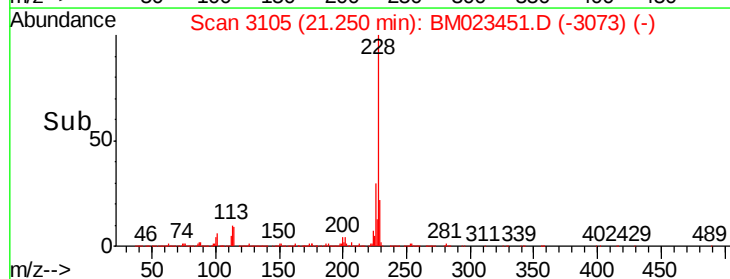
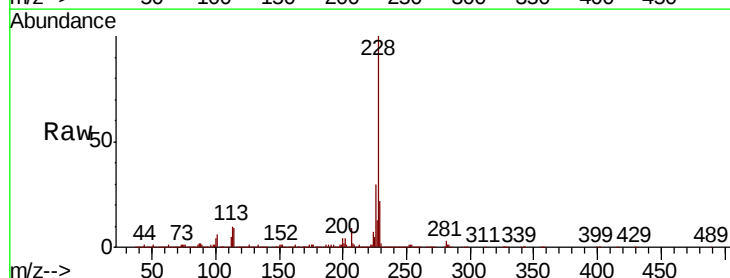
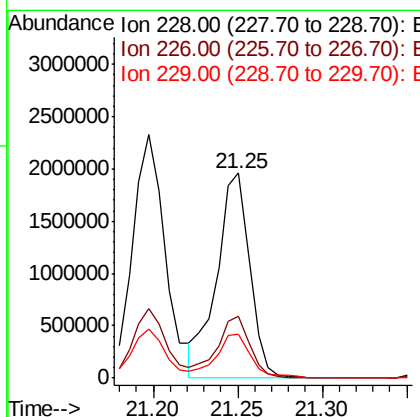
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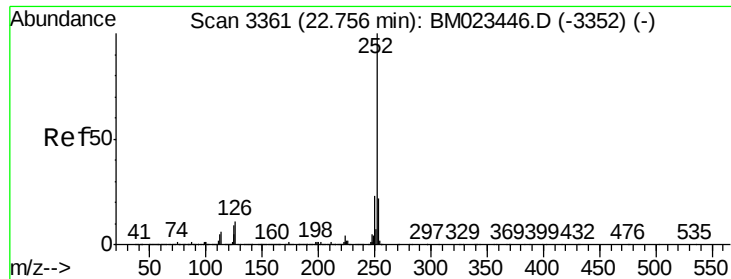
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#85
Chrysene
Concen: 15.777 ng/ul
RT: 21.25 min Scan# 3105
Delta R.T. -0.01 min
Lab File: BM023451.D
Acq: 29 Oct 2019 20:08

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.0	36.0
229	21.6	16.0	24.0





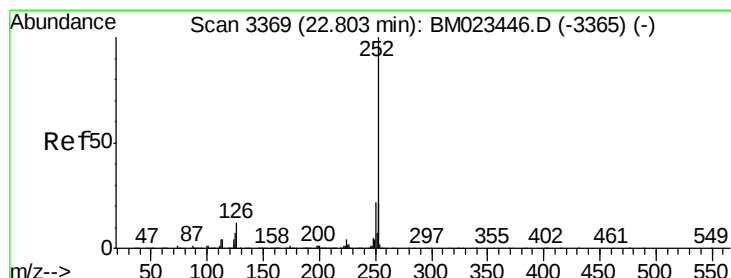
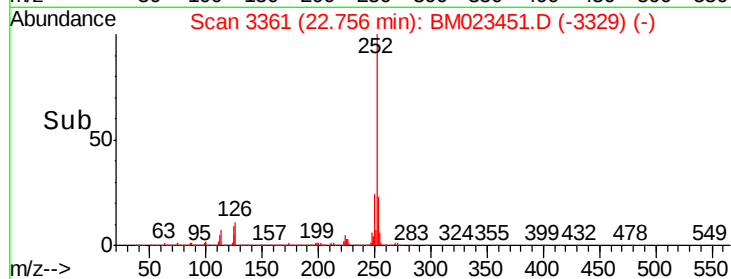
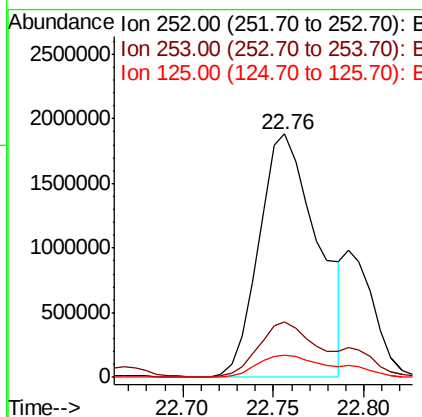
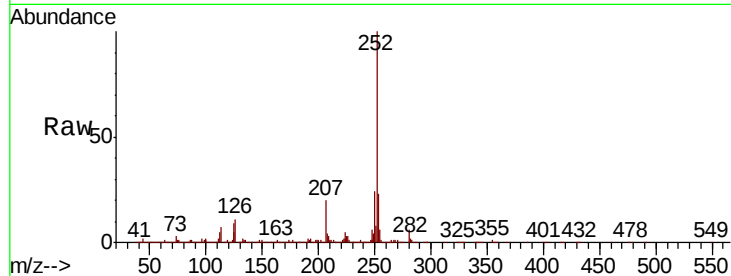
#88
Benzo(b)fluoranthene
Concen: 20.044 ng/ul
RT: 22.76 min Scan# 3361
Delta R.T. -0.01 min
Lab File: BM023451.D
Acq: 29 Oct 2019 20:08

Instrument :
BNA_M
ClientSampleID :
C0003DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.5	26.3
125	9.3	7.1	10.7

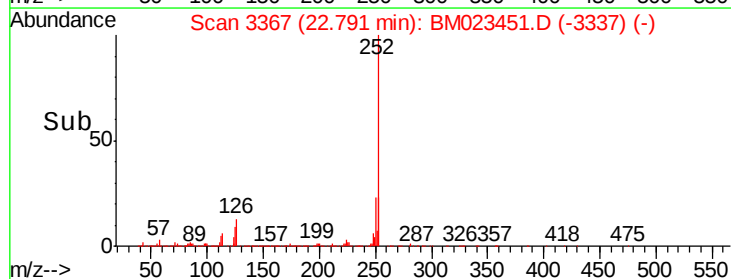
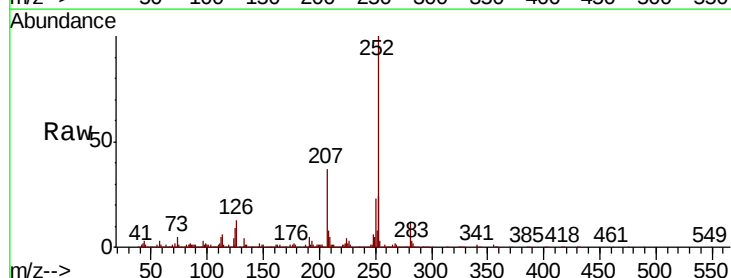
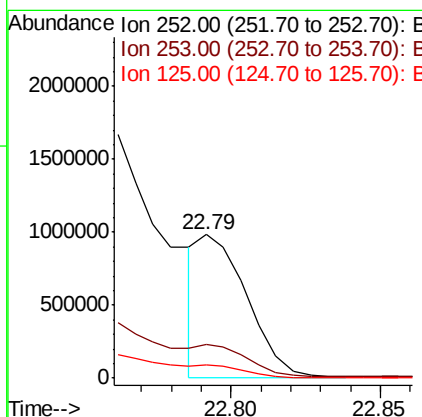
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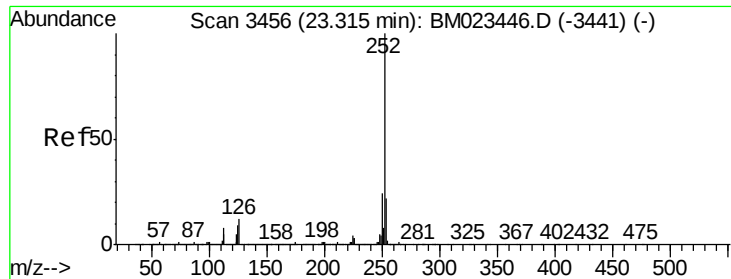
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#89
Benzo(k)fluoranthene
Concen: 5.619 ng/ul m
RT: 22.79 min Scan# 3367
Delta R.T. -0.02 min
Lab File: BM023451.D
Acq: 29 Oct 2019 20:08

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.8	26.6
125	9.1	6.8	10.2





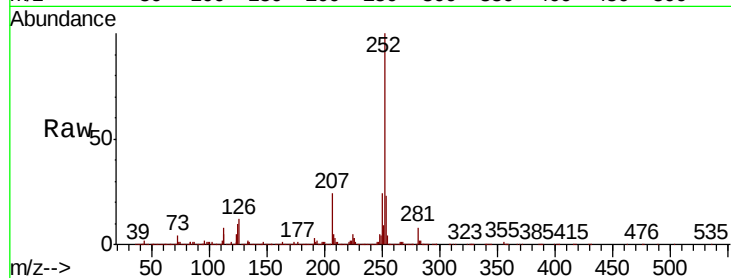
#91
Benzo(a)pyrene
Concen: 14.771 ng/ul
RT: 23.31 min Scan# 3455
Delta R.T. -0.02 min
Lab File: BM023451.D
Acq: 29 Oct 2019 20:08

Instrument :
BNA_M
ClientSampleId :
C0003DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.7	26.5
125	9.9	7.5	11.3

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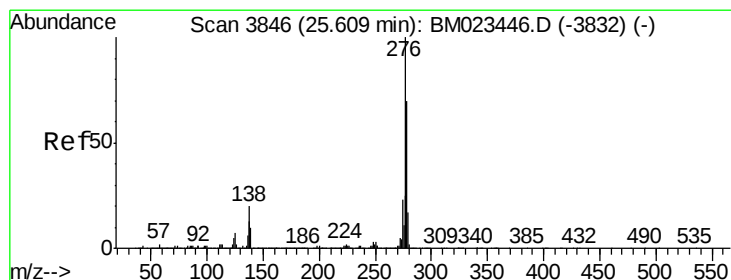
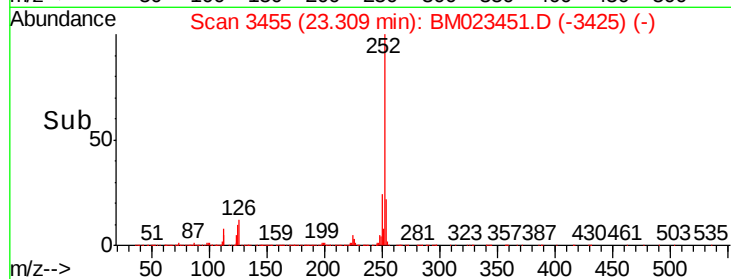
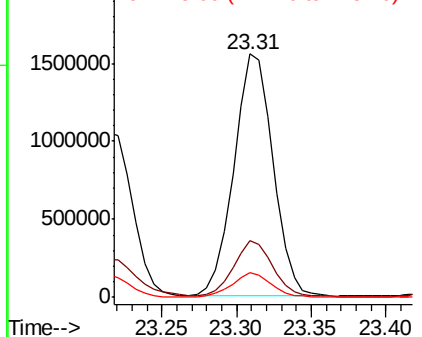


Abundance

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



#92
Indeno(1,2,3-cd)pyrene
Concen: 10.380 ng/ul
RT: 25.60 min Scan# 3845
Delta R.T. -0.03 min
Lab File: BM023451.D
Acq: 29 Oct 2019 20:08

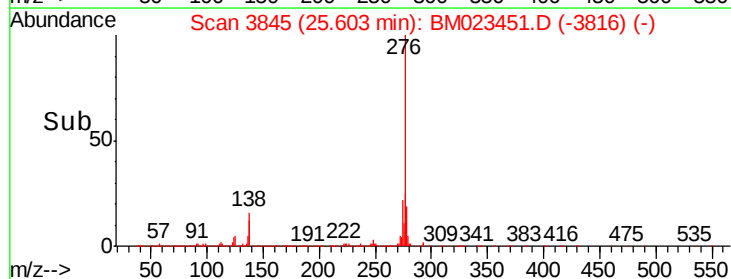
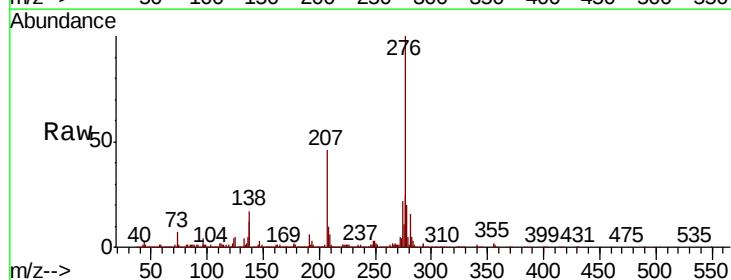
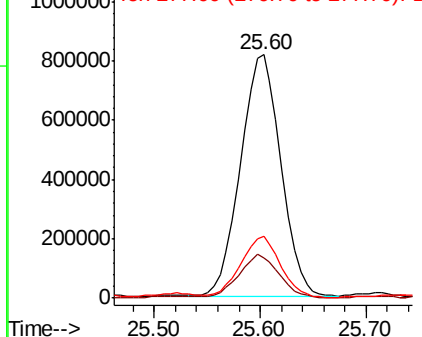
Tgt Ion	Ratio	Lower	Upper
276	100		
138	16.6	15.7	23.5
277	25.2	20.2	30.2

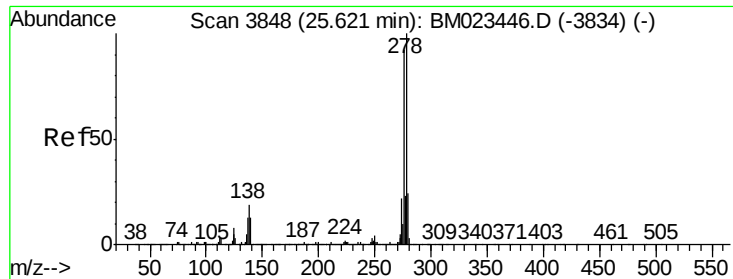
Abundance

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





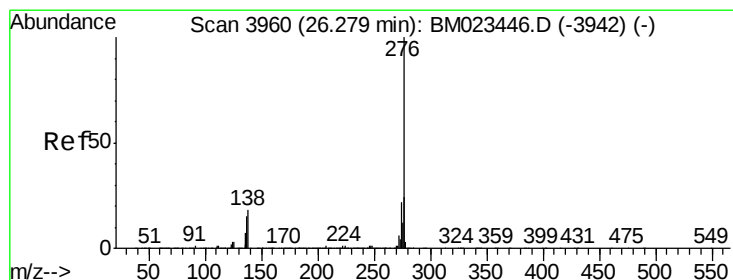
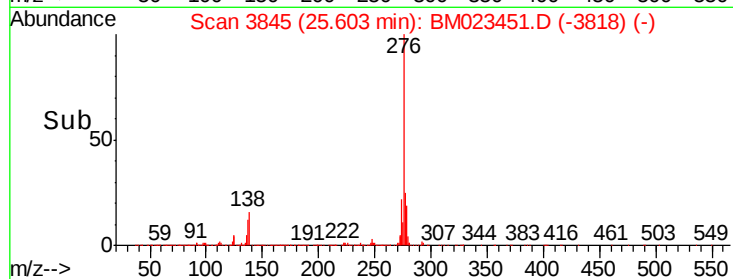
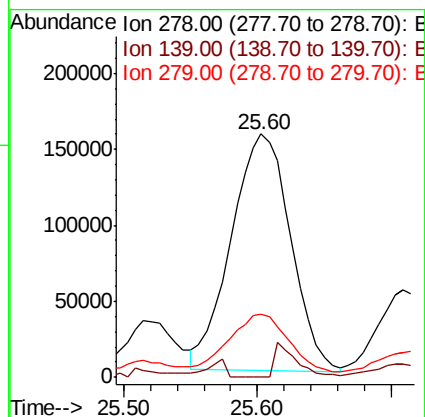
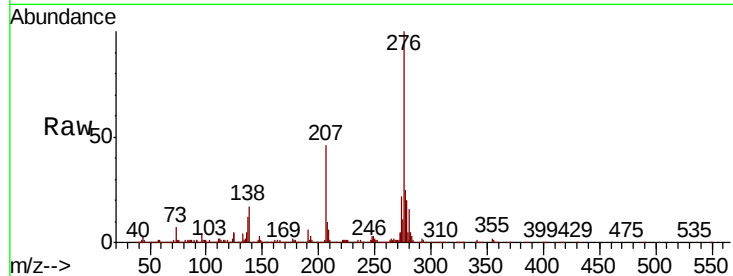
#93
Dibenzo(a,h)anthracene
Concen: 2.757 ng/ul
RT: 25.60 min Scan# 3845
Delta R.T. -0.04 min
Lab File: BM023451.D
Acq: 29 Oct 2019 20:08

Instrument :
BNA_M
ClientSampleID :
C0003DL

Tot Ion	Ratio	Lower	Upper
278	100		
139	0.0	10.9	16.3#
279	26.1	18.7	28.1

Manual Integrations
APPROVED

mohammad
10/30/2019 4:54:08 PM



#94
Benzo(g,h,i)perylene
Concen: 11.875 ng/ul
RT: 26.27 min Scan# 3959
Delta R.T. -0.03 min
Lab File: BM023451.D
Acq: 29 Oct 2019 20:08

Tgt Ion	Ratio	Lower	Upper
276	100		
138	17.0	14.4	21.6
277	24.3	19.0	28.6

