

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081320\
 Data File : BM027103.D
 Acq On : 15 Aug 2020 01:09
 Operator : JU/CG
 Sample : L3631-03
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BFML9

Manual Integrations
 APPROVED

mohammad
 8/19/2020 8:19:06 AM

Quant Time: Aug 17 03:07:58 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM080720MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 13 11:47:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	135305	20.00	ng/ul	0.00
18) Naphthalene-d8	10.41	136	492069	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.27	164	313635	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.02	188	672223	20.00	ng/ul	0.00
78) Chrysene-d12	21.21	240	734630	20.00	ng/ul	0.00
86) Perylene-d12	23.40	264	755147	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.20	96	7681	2.58	ng/uL	0.00
5) Phenol-d5	6.82	99	163385	15.53	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.97	67	115645	16.05	ng/ul	0.00
9) 2-Chlorophenol-d4	7.17	132	132576	15.98	ng/ul	0.00
13) 4-Methylphenol-d8	8.34	113	123512	15.06	ng/ul	0.00
19) Nitrobenzene-d5	8.78	128	62804	16.10	ng/ul	0.00
22) 2-Nitrophenol-d4	9.50	143	66919	16.56	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	143948	16.94	ng/ul	0.00
29) 4-Chloroaniline-d4	10.54	131	127573	12.92	ng/ul	0.00
44) Dimethylphthalate-d6	13.69	166	483132	19.32	ng/ul	0.00
47) Acenaphthylene-d8	13.96	160	527686	17.71	ng/ul	0.00
52) 4-Nitrophenol-d4	14.47	143	57661	13.66	ng/ul	0.00
58) Fluorene-d10	15.27	176	390658	17.92	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.39	200	44559	12.14	ng/ul	0.00
71) Anthracene-d10	17.11	188	589633	17.80	ng/ul	0.00
79) Pyrene-d10	19.41	212	687326	18.76	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.26	264	753046	17.86	ng/ul	0.00

Target Compounds

					Ovalue	
28) Naphthalene	10.46	128	30712	1.123	ng/ul	98
45) Dimethylphthalate	13.73	163	186917	7.132	ng/ul	99
48) Acenaphthylene	13.99	152	36667	1.210	ng/ul	95
50) Acenaphthene	14.33	153	32388	1.508	ng/ul	98
54) Dibenzofuran	14.67	168	46187	1.503	ng/ul	100
59) Fluorene	15.32	166	35237	1.370	ng/ul#	96
70) Phenanthrene	17.06	178	642306	15.938	ng/ul	99
72) Anthracene	17.14	178	138335	3.374	ng/ul	98
75) Carbazole	17.42	167	59666	1.724	ng/ul	95
77) Fluoranthene	19.08	202	852397	17.443	ng/ul	97
80) Pyrene	19.44	202	762357	15.289	ng/ul	100
83) Benzo(a)anthracene	21.19	228	420587	8.504	ng/ul	97
84) Bis(2-ethylhexyl)phthalate	21.15	149	52014	1.879	ng/ul	99
85) Chrysene	21.24	228	416003	8.569	ng/ul	98
88) Benzo(b)fluoranthene	22.75	252	579251	11.047	ng/ul	98
89) Benzo(k)fluoranthene	22.79	252	169725m	3.266	ng/ul	
91) Benzo(a)pyrene	23.31	252	403104	8.447	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	25.59	276	301382	4.901	ng/ul	96
93) Dibenzo(a,h)anthracene	25.60	278	78370	1.505	ng/ul#	93
94) Benzo(g,h,i)perylene	26.26	276	275669	5.428	ng/ul	99

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

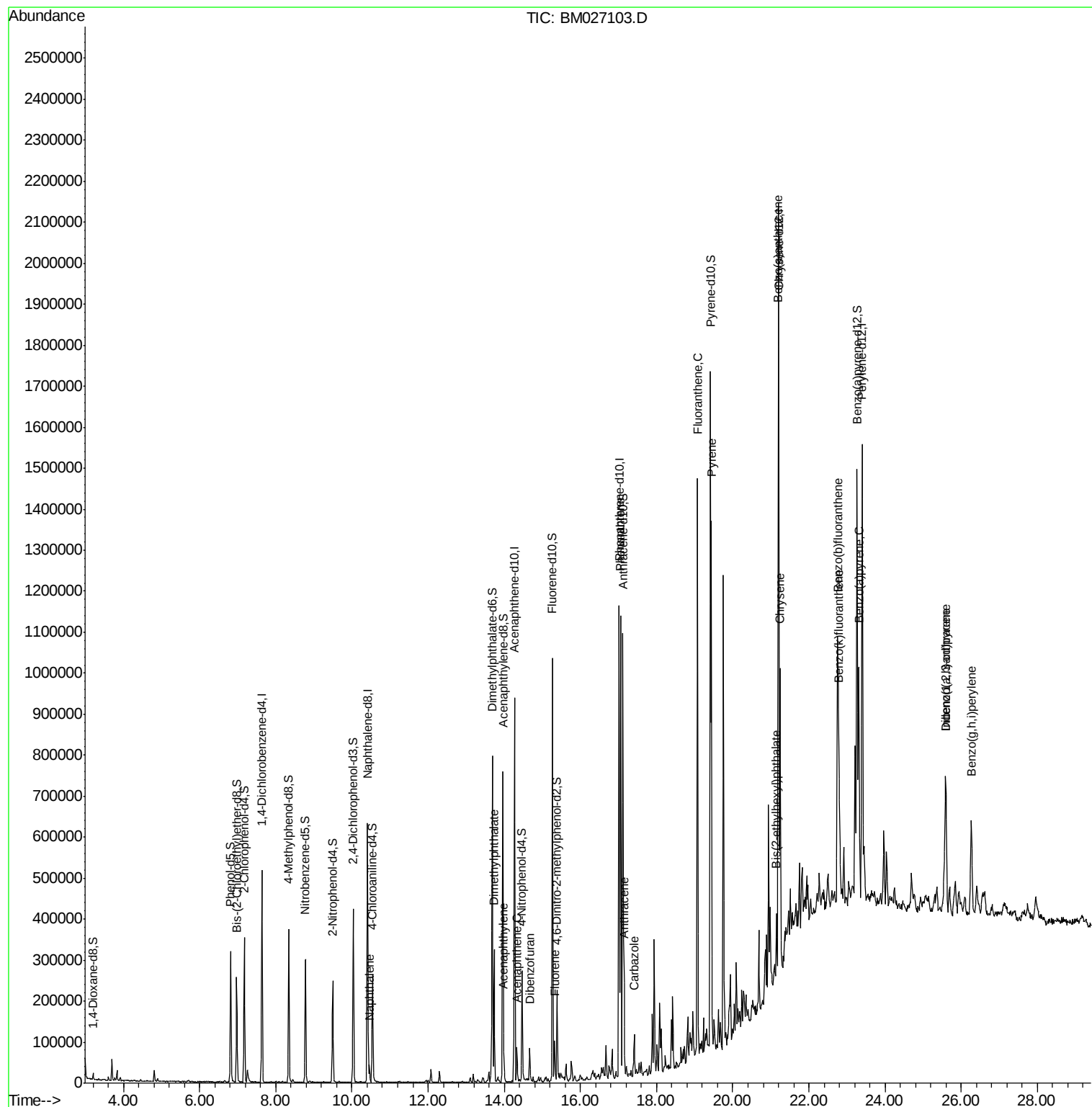
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081320\
Data File : BM027103.D
Acq On : 15 Aug 2020 01:09
Operator : JU/CG
Sample : L3631-03
Misc :
ALS Vial : 49 Sample Multiplier: 1

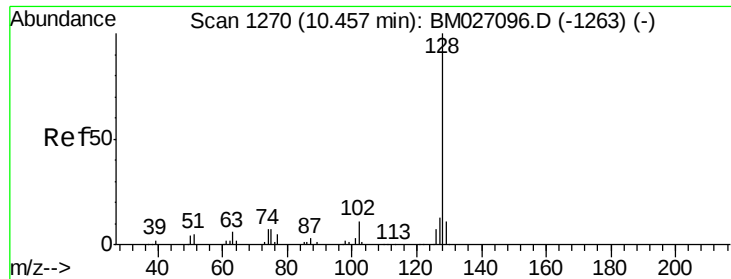
Instrument :
BNA_M
ClientSampleId :
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Quant Time: Aug 17 03:07:58 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM080720MA.M
Quant Title : SVOA CALIBRATION
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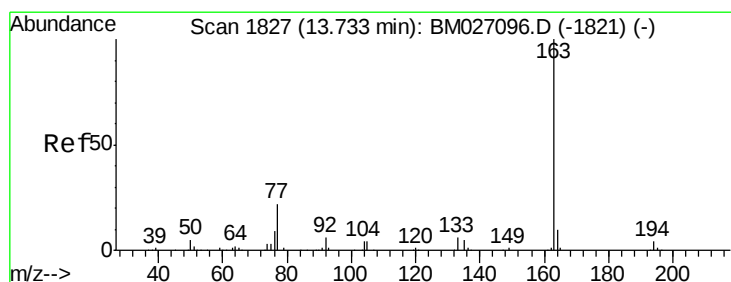
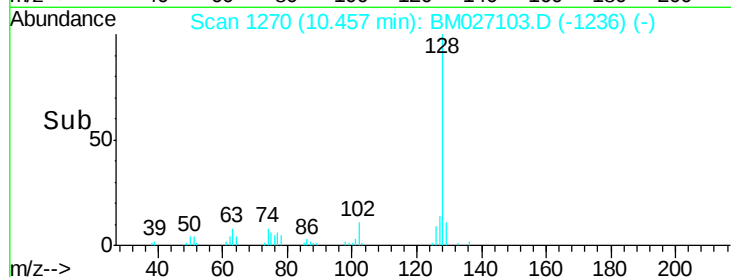
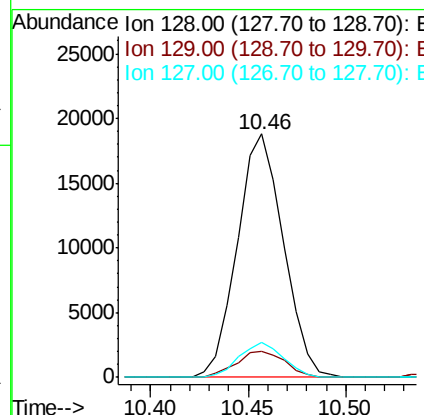
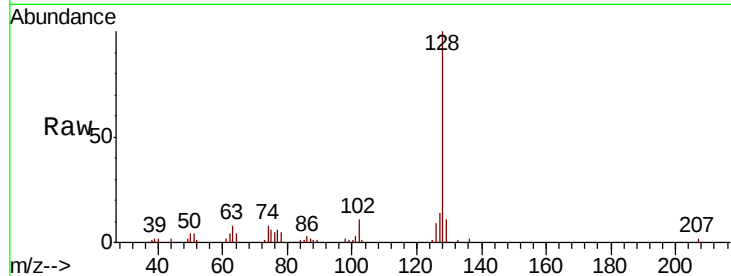
#28
Naphthalene
Concen: 1.123 ng/ul
RT: 10.46 min Scan# 1270
Delta R.T. -0.00 min
Lab File: BM027103.D
Acq: 15 Aug 2020 01:09

Instrument :
BNA_M
ClientSampleId :
BFML9

Tot Ion:128	Resp:	30712
Ion Ratio	Lower	Upper
128 100		
129 10.7	9.0	13.6
127 14.2	10.5	15.7

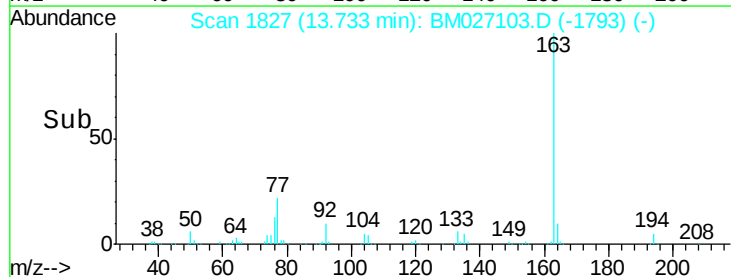
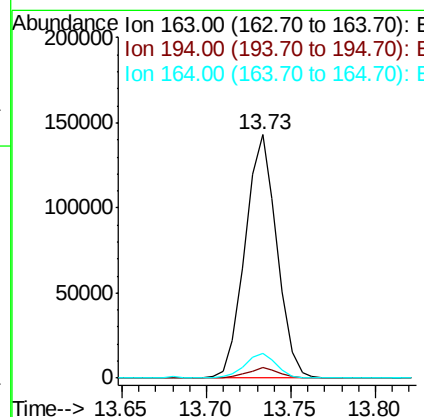
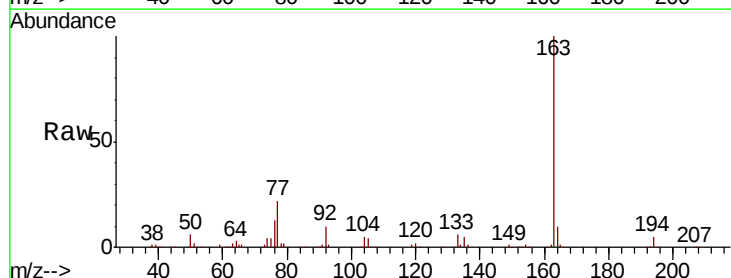
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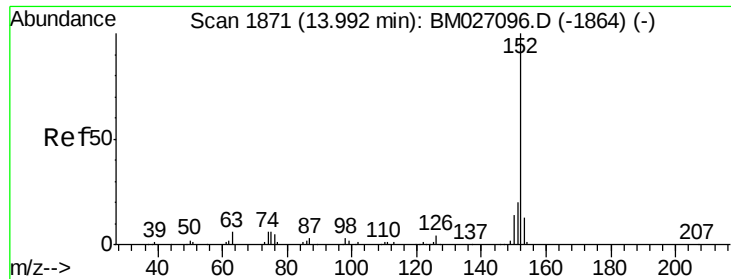
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#45
Dimethylphthalate
Concen: 7.132 ng/ul
RT: 13.73 min Scan# 1827
Delta R.T. -0.00 min
Lab File: BM027103.D
Acq: 15 Aug 2020 01:09

Tgt Ion:163	Resp:	186917
Ion Ratio	Lower	Upper
163 100		
194 4.5	3.2	4.8
164 10.1	8.2	12.2





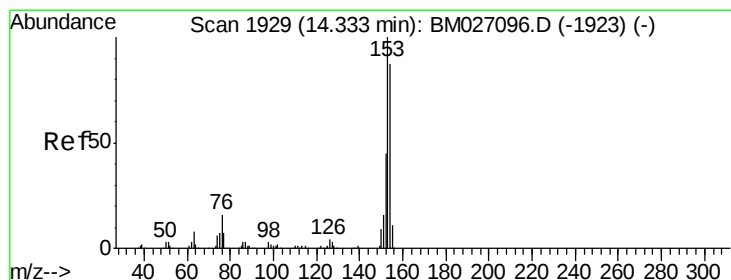
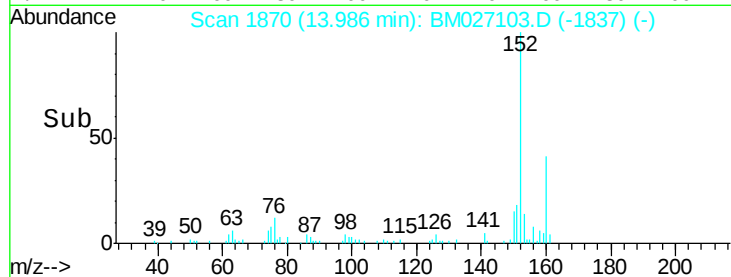
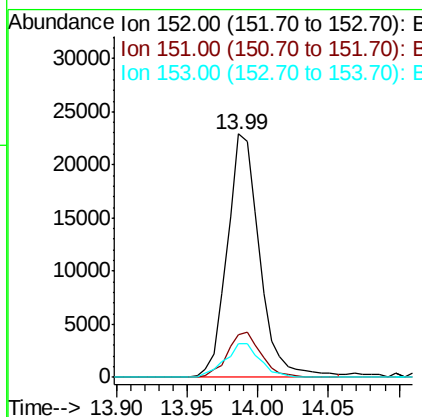
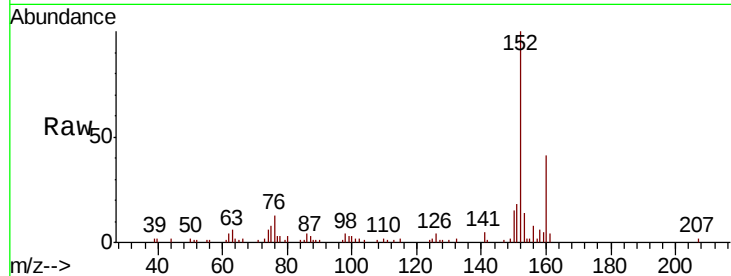
#48
Acenaphthylene
Concen: 1.210 ng/ul
RT: 13.99 min Scan# 1870
Delta R.T. -0.01 min
Lab File: BM027103.D
Acq: 15 Aug 2020 01:09

Instrument :
BNA_M
ClientSampleId :
BFML9

Tot Ion:	152	Resp:	36667
Ion Ratio	Lower	Upper	
152	100		
151	17.7	15.9	23.9
153	14.1	9.8	14.8

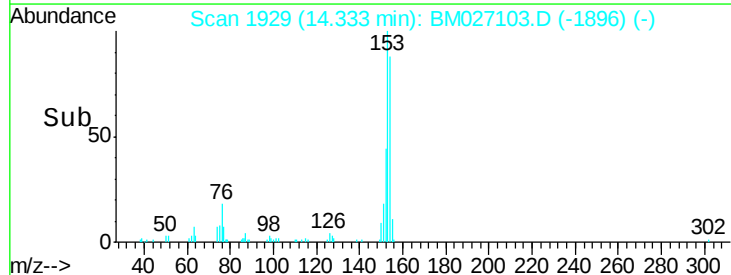
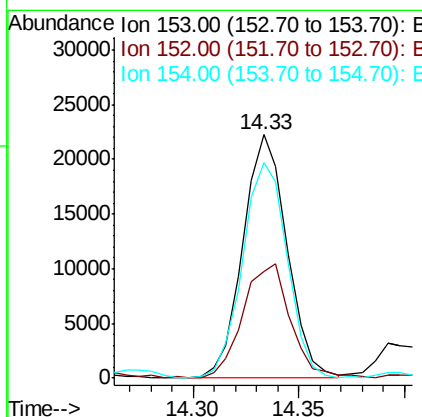
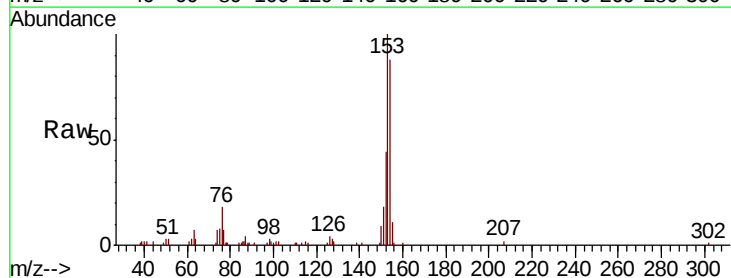
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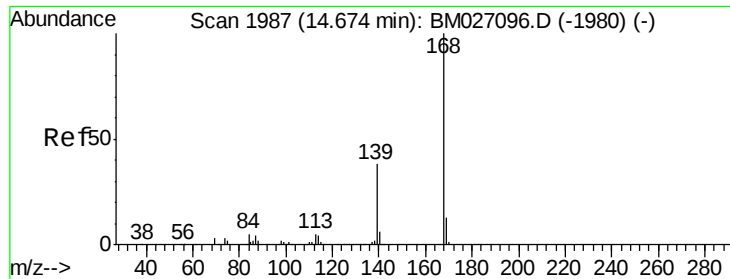
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#50
Acenaphthene
Concen: 1.508 ng/ul
RT: 14.33 min Scan# 1929
Delta R.T. -0.01 min
Lab File: BM027103.D
Acq: 15 Aug 2020 01:09

Tgt Ion:	153	Resp:	32388
Ion Ratio	Lower	Upper	
153	100		
152	43.9	35.9	53.9
154	88.3	69.4	104.0





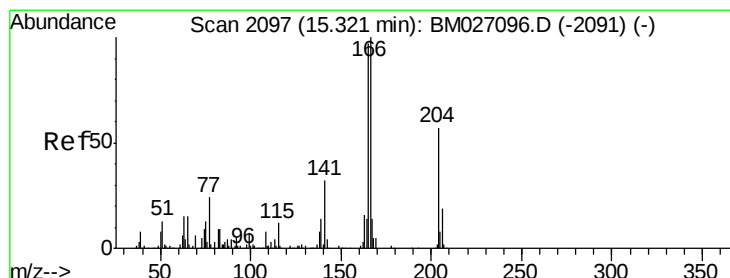
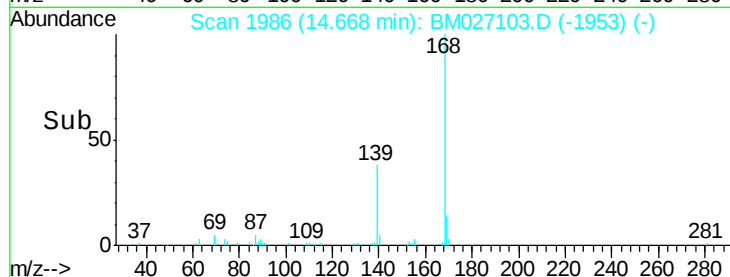
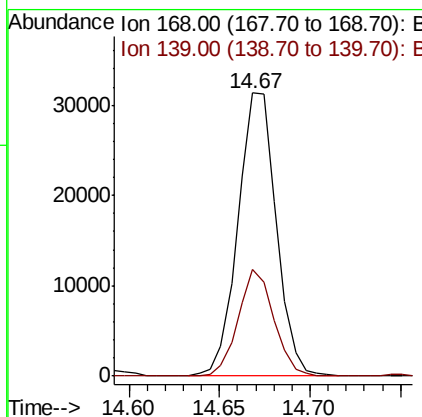
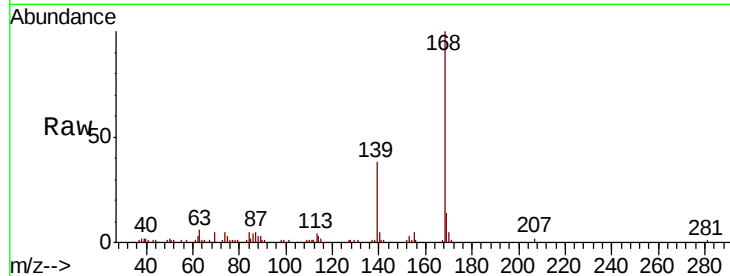
#54
Dibenzofuran
Concen: 1.503 ng/ul
RT: 14.67 min Scan# 1986
Delta R.T. -0.01 min
Lab File: BM027103.D
Acq: 15 Aug 2020 01:09

Instrument :
BNA_M
ClientSampleId :
BFML9

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.6	29.9	44.9

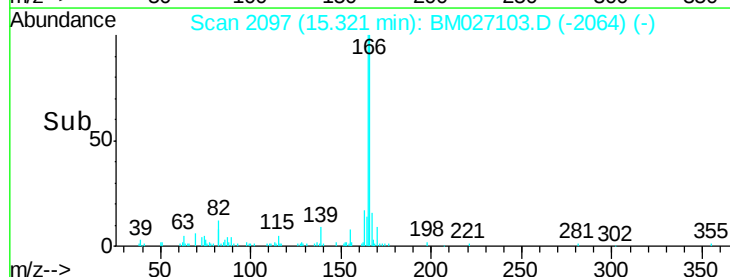
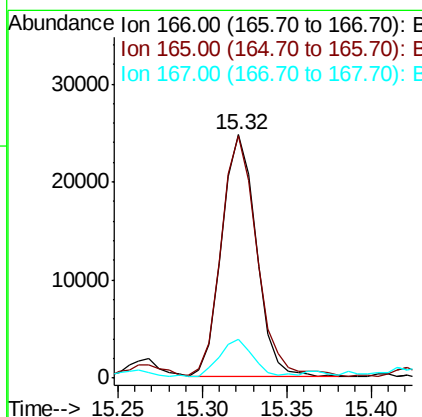
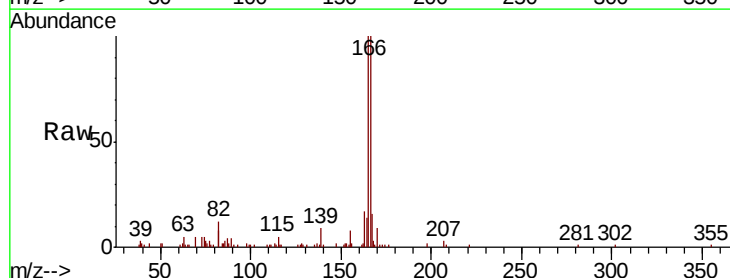
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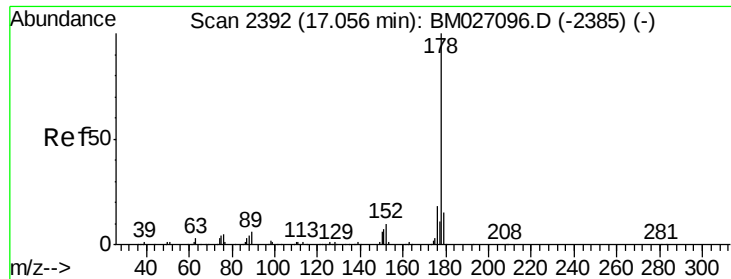
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#59
Fluorene
Concen: 1.370 ng/ul
RT: 15.32 min Scan# 2097
Delta R.T. -0.01 min
Lab File: BM027103.D
Acq: 15 Aug 2020 01:09

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.6	76.9	115.3
167	16.1	10.5	15.7#





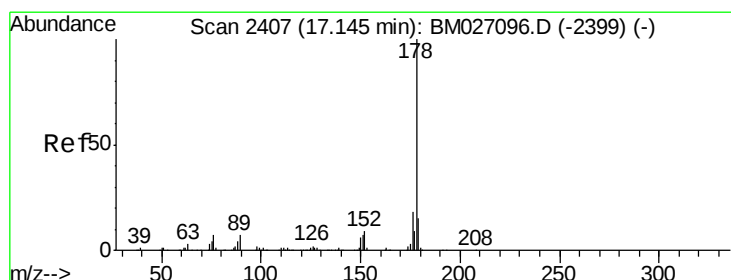
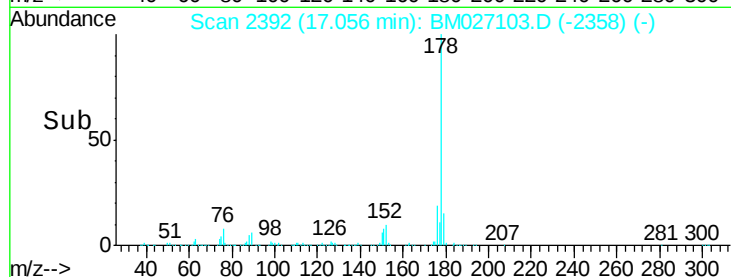
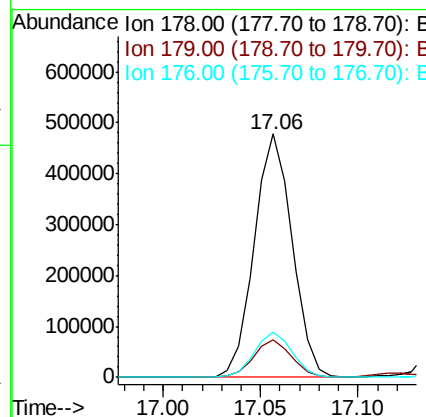
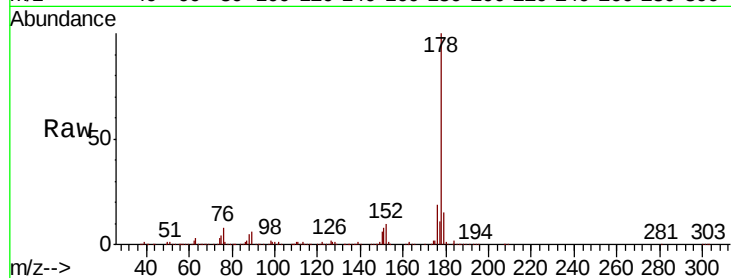
#70
Phenanthrene
Concen: 15.938 ng/ul
RT: 17.06 min Scan# 2392
Delta R.T. -0.00 min
Lab File: BM027103.D
Acq: 15 Aug 2020 01:09

Instrument :
BNA_M
ClientSampleId :
BFML9

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.3	11.9	17.9
176	18.5	14.6	22.0

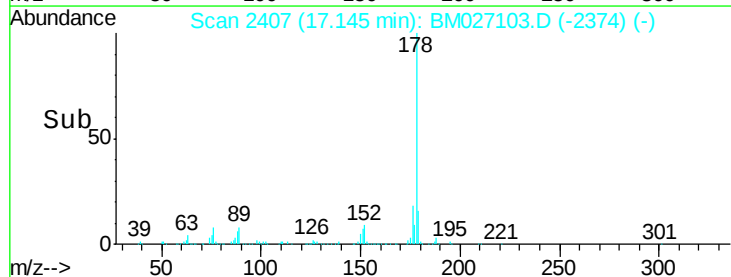
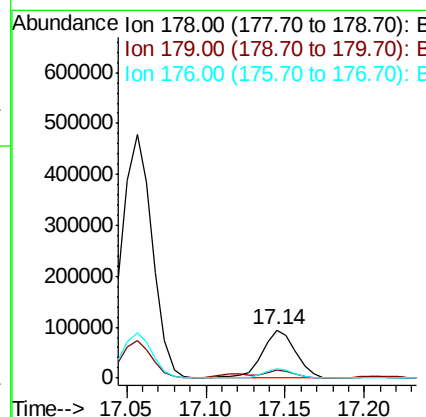
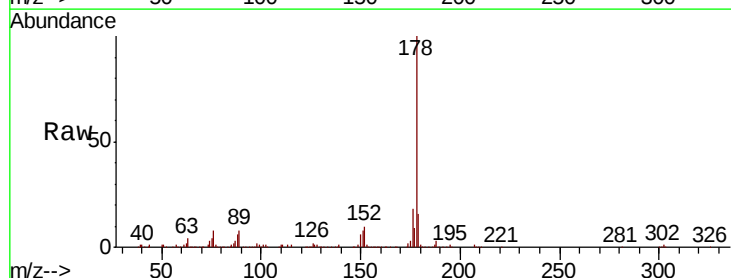
Manual Integrations
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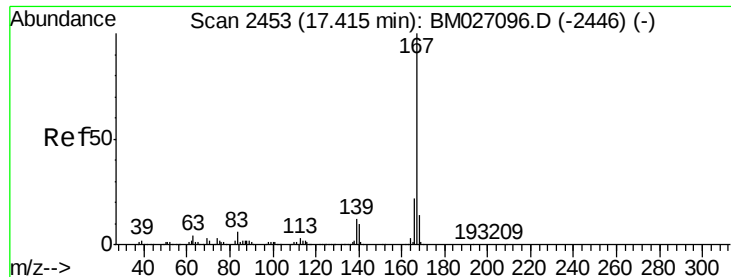
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#72
Anthracene
Concen: 3.374 ng/ul
RT: 17.14 min Scan# 2407
Delta R.T. -0.01 min
Lab File: BM027103.D
Acq: 15 Aug 2020 01:09

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.0	18.0
176	18.5	14.3	21.5





#75

Carbazole

Concen: 1.724 ng/ul

RT: 17.42 min Scan# 2453

Delta R.T. -0.00 min

Lab File: BM027103.D

Acq: 15 Aug 2020 01:09

Instrument :

BNA_M

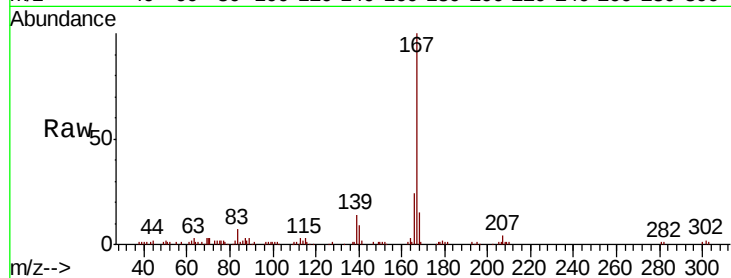
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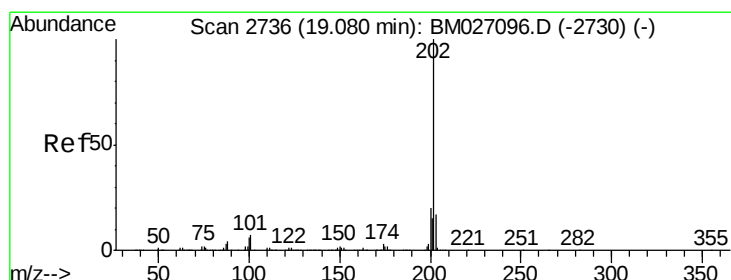
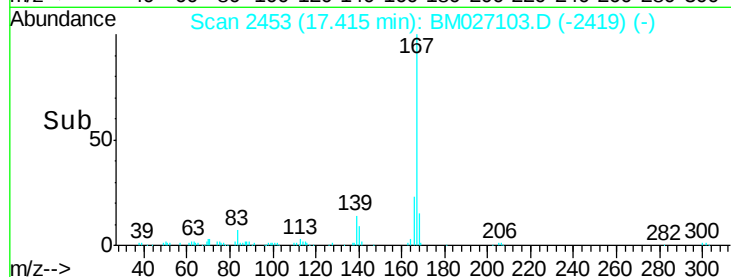
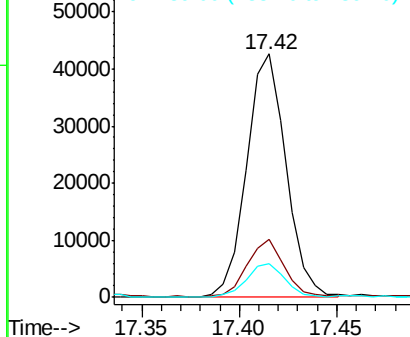
Tot Ion:	167	Resp:	59666
Ion Ratio	Lower	Upper	
167	100		
166	23.7	17.0	25.6
139	14.0	9.8	14.6

Manual Integrations
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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: 17.443 ng/ul

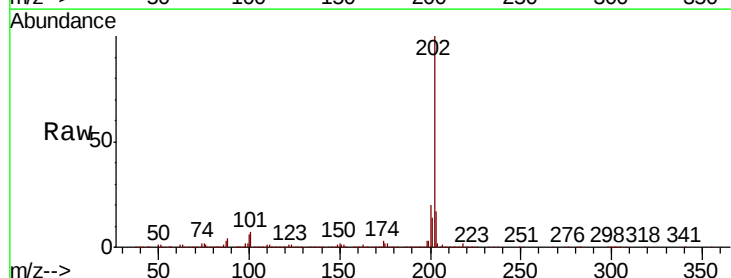
RT: 19.08 min Scan# 2736

Delta R.T. -0.00 min

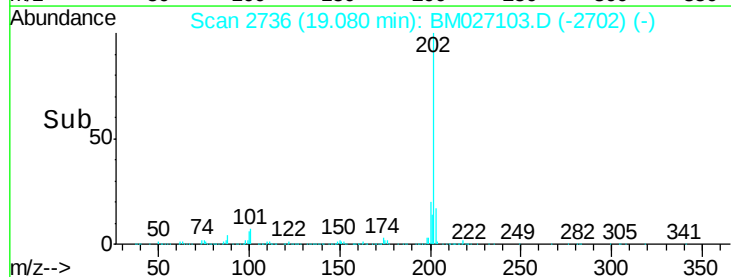
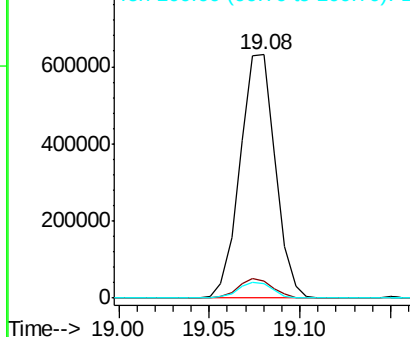
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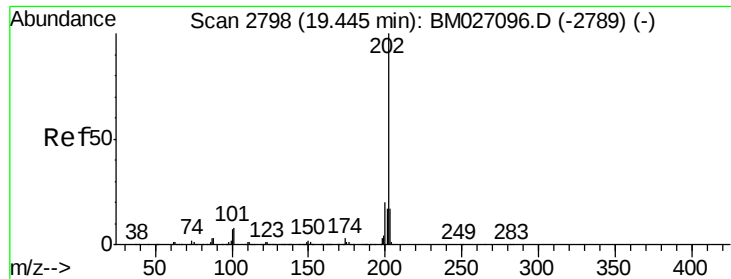
Acq: 15 Aug 2020 01:09

Tgt Ion:	202	Resp:	852397
Ion Ratio	Lower	Upper	
202	100		
101	7.1	6.7	10.1
100	6.1	5.4	8.2



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





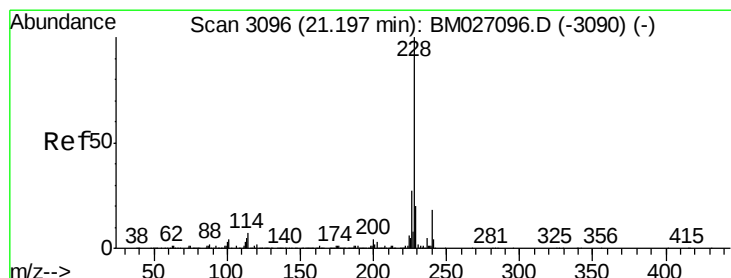
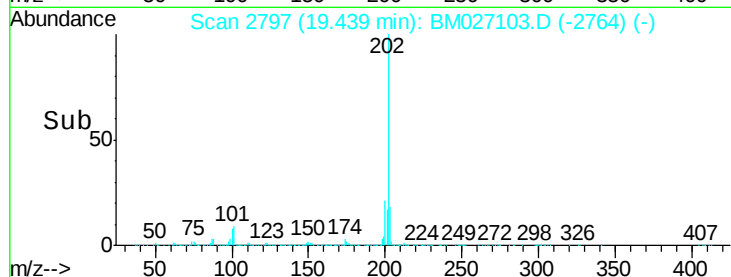
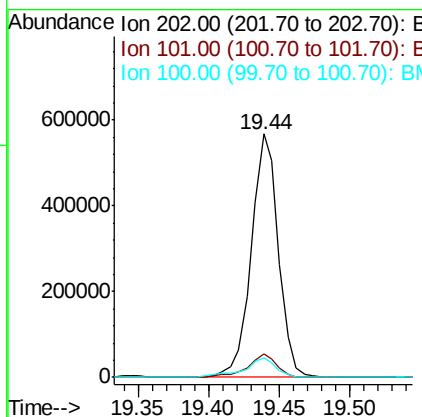
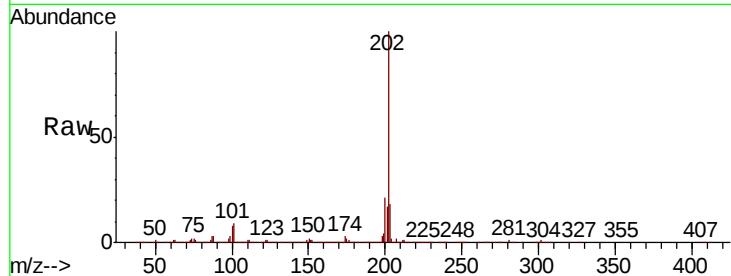
#80
Pvrene
Concen: 15.289 ng/ul
RT: 19.44 min Scan# 2797
Delta R.T. -0.01 min
Lab File: BM027103.D
Acq: 15 Aug 2020 01:09

Instrument :
BNA_M
ClientSampleId :
BFML9

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	9.4	7.6	11.4
100	8.1	6.3	9.5

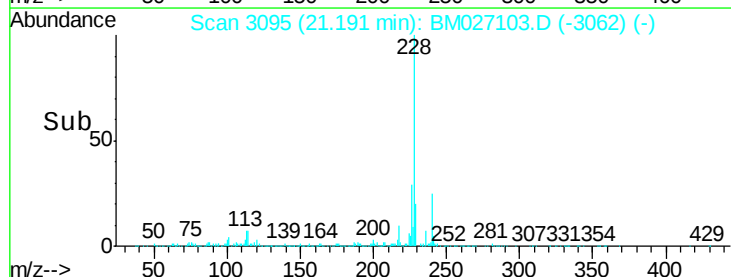
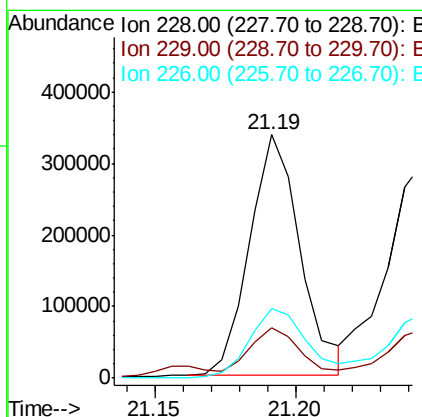
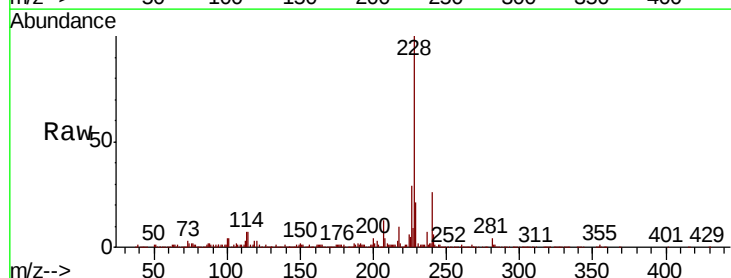
Manual Integrations
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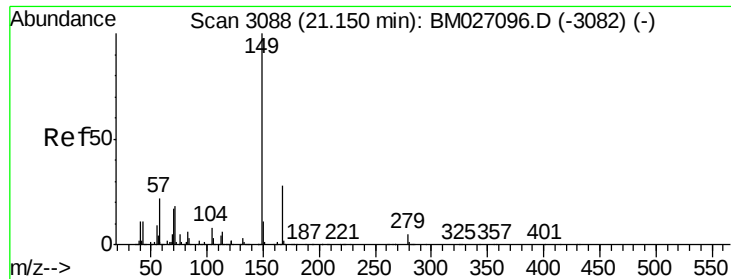
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#83
Benzo(a)anthracene
Concen: 8.504 ng/ul
RT: 21.19 min Scan# 3095
Delta R.T. -0.01 min
Lab File: BM027103.D
Acq: 15 Aug 2020 01:09

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	20.8	15.8	23.6
226	28.7	21.2	31.8





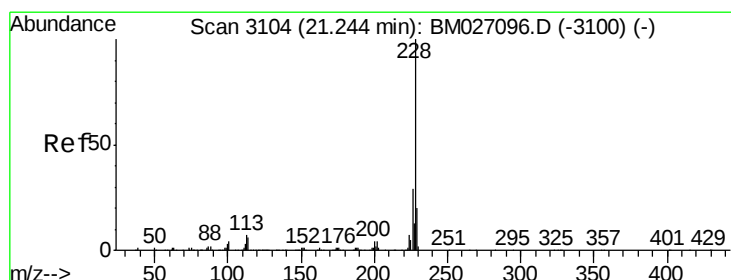
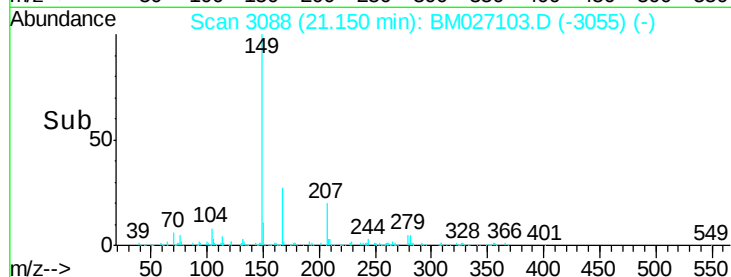
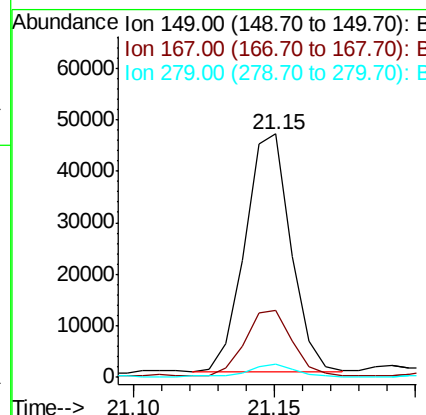
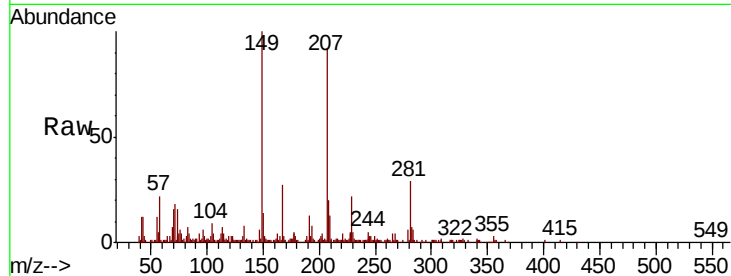
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 1.879 ng/ul
 RT: 21.15 min Scan# 3088
 Delta R.T. -0.01 min
 Lab File: BM027103.D
 Acq: 15 Aug 2020 01:09

Instrument :
 BNA_M
 ClientSampleId :
 BFML9

Tot Ion	Ratio	Lower	Upper
149	100		
167	27.4	21.6	32.4
279	5.6	3.9	5.9

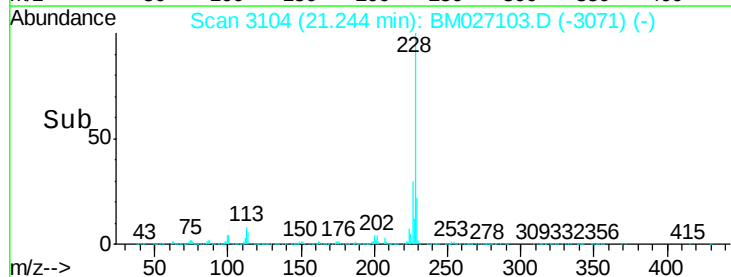
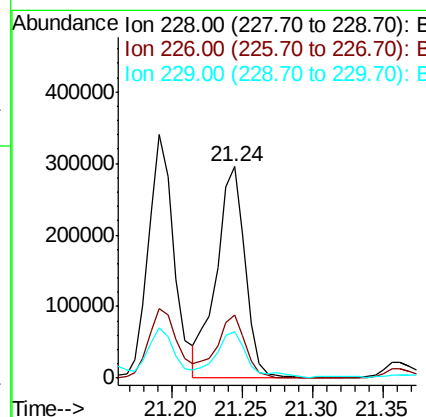
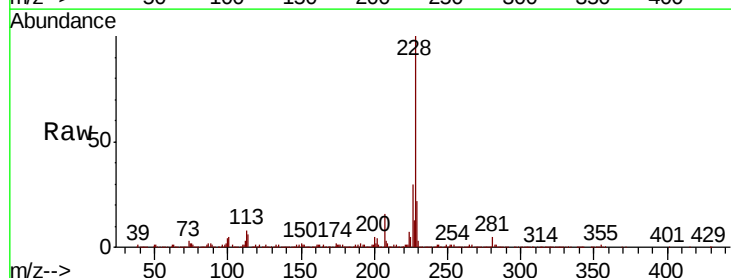
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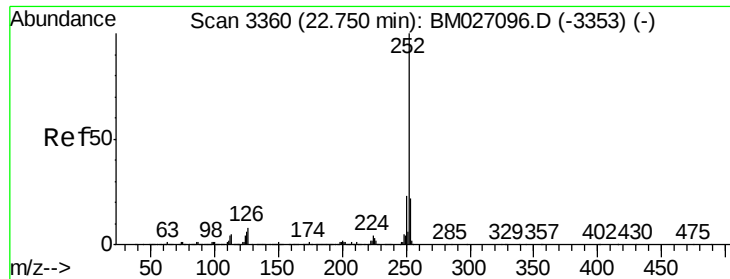
mohammad
 8/19/2020 8:19:06 AM



#85
 Chrysene
 Concen: 8.569 ng/ul
 RT: 21.24 min Scan# 3104
 Delta R.T. -0.01 min
 Lab File: BM027103.D
 Acq: 15 Aug 2020 01:09

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.7	23.8	35.6
229	21.9	15.8	23.8





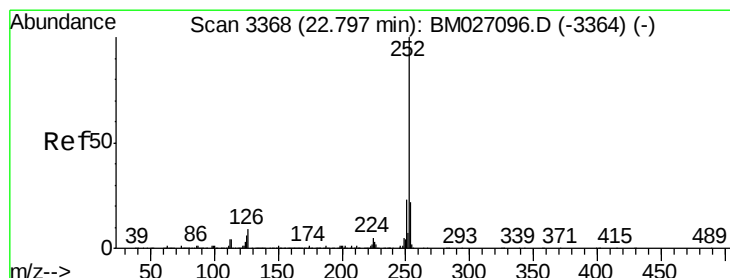
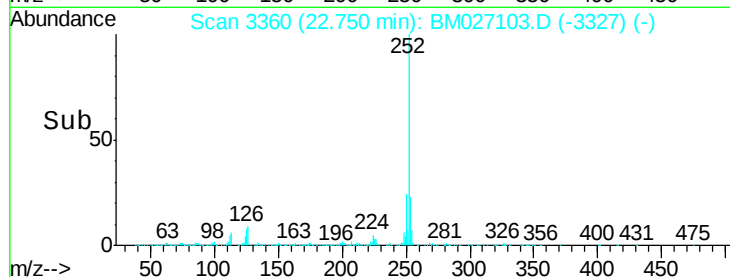
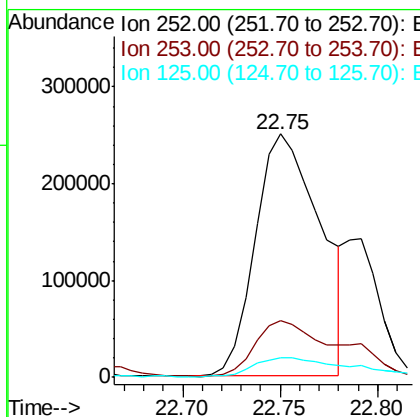
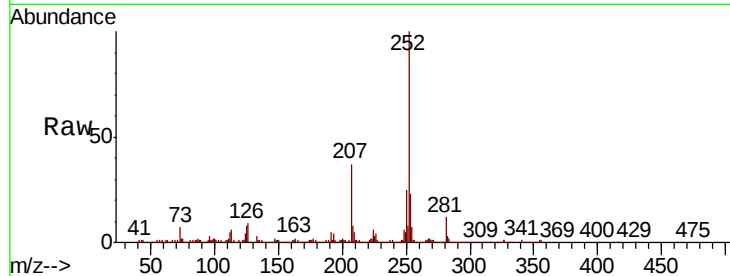
#88
Benzo(b)fluoranthene
Concen: 11.047 ng/ul
RT: 22.75 min Scan# 3360
Delta R.T. -0.01 min
Lab File: BM027103.D
Acq: 15 Aug 2020 01:09

Instrument :
BNA_M
ClientSampleId :
BFML9

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.6	26.4
125	7.9	6.0	9.0

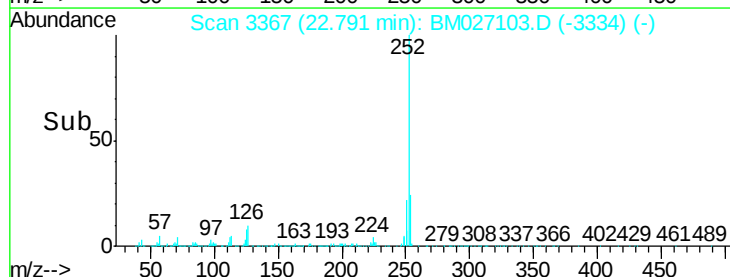
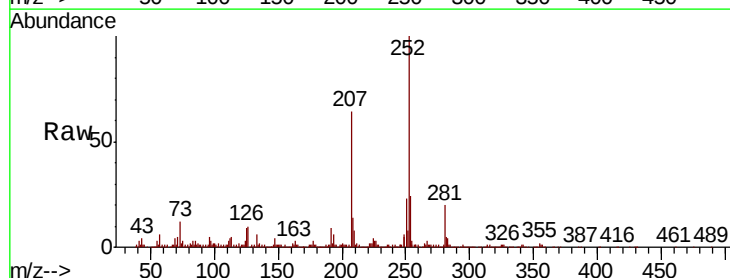
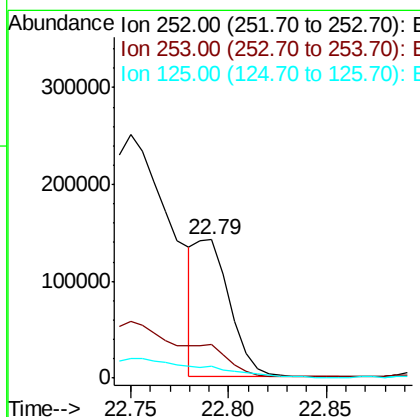
Manual Integrations
APPROVED

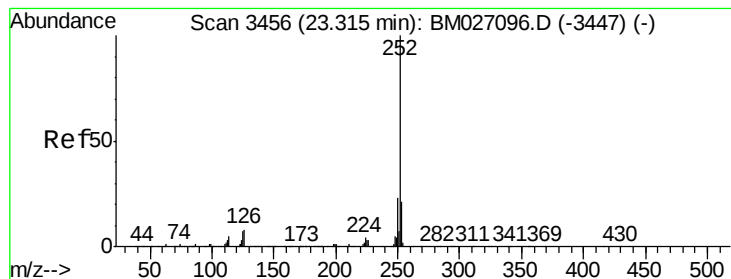
mohammad
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#89
Benzo(k)fluoranthene
Concen: 3.266 ng/ul m
RT: 22.79 min Scan# 3367
Delta R.T. -0.01 min
Lab File: BM027103.D
Acq: 15 Aug 2020 01:09

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.2	25.8
125	8.8	5.5	8.3#





#91

Benzo(a)pyrene

Concen: 8.447 ng/ul

RT: 23.31 min Scan# 3455

Delta R.T. -0.01 min

Lab File: BM027103.D

Acq: 15 Aug 2020 01:09

Instrument :

BNA_M

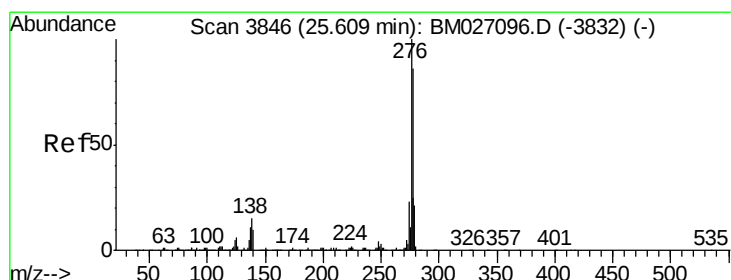
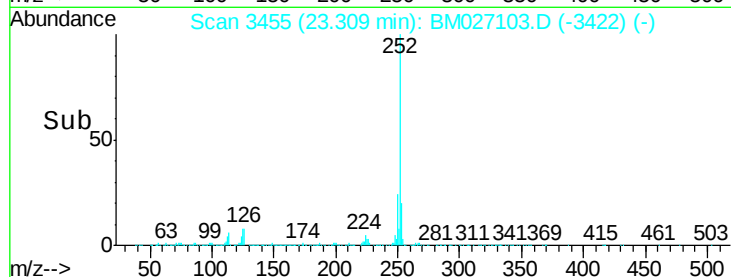
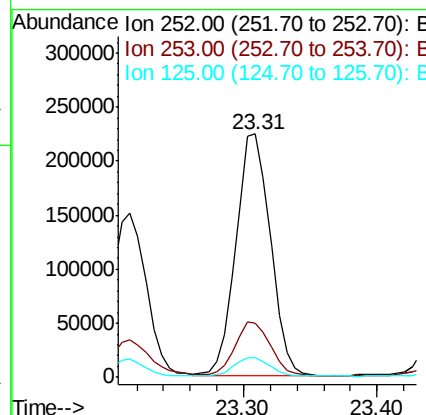
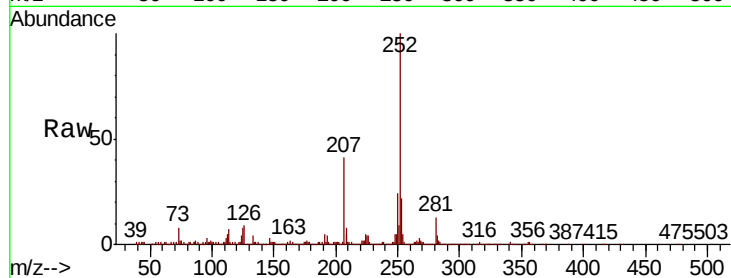
ClientSampleId :

BFML9

Tot Ion:	252	Resp:	403104
Ion Ratio	Lower	Upper	
252	100		
253	22.5	17.0	25.4
125	8.3	5.8	8.8

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#92

Indeno(1,2,3-cd)pyrene

Concen: 4.901 ng/ul

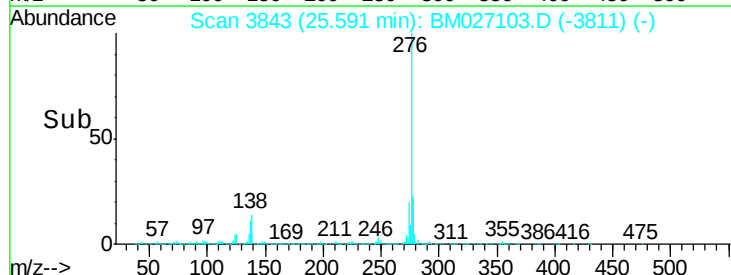
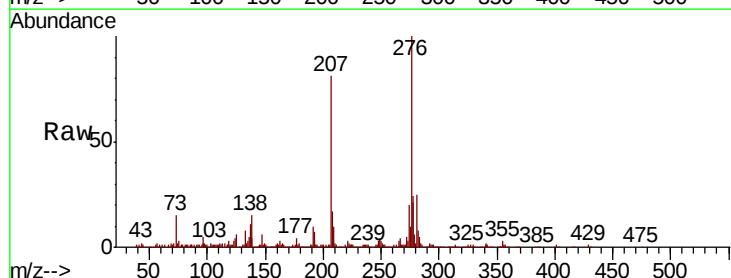
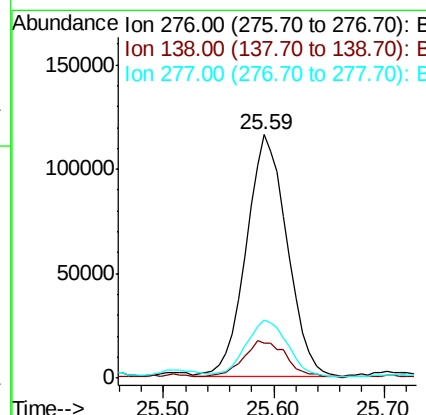
RT: 25.59 min Scan# 3843

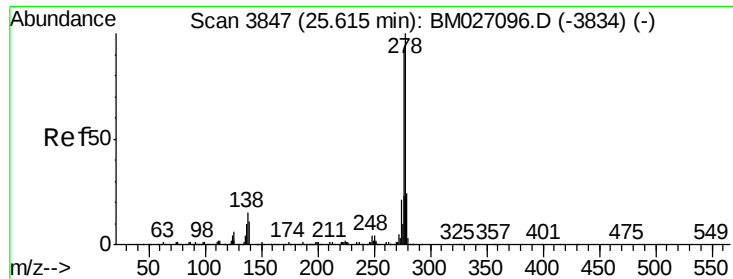
Delta R.T. -0.01 min

Lab File: BM027103.D

Acq: 15 Aug 2020 01:09

Tgt Ion:	276	Resp:	301382
Ion Ratio	Lower	Upper	
276	100		
138	14.6	13.9	20.9
277	23.8	19.8	29.8





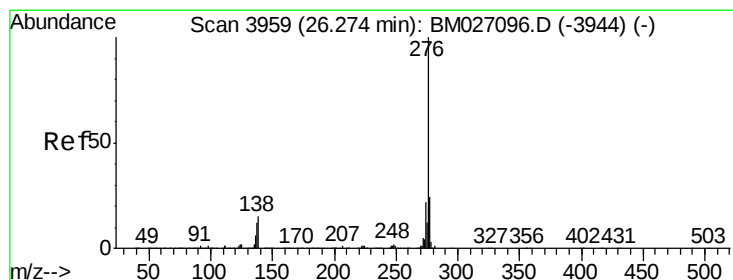
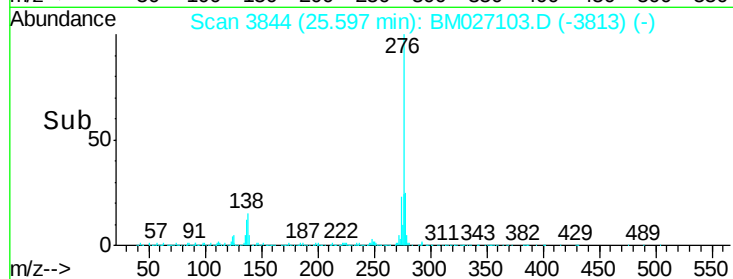
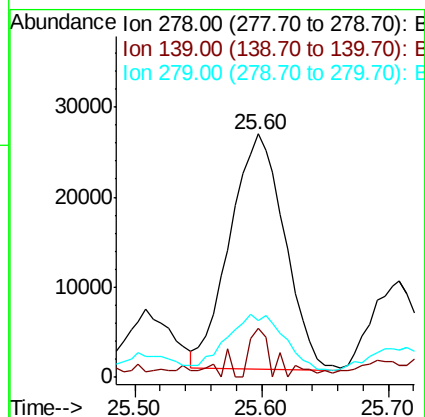
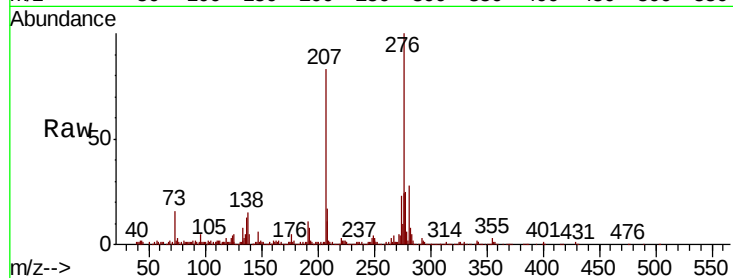
#93
Dibenzo(a,h)anthracene
Concen: 1.505 ng/ul
RT: 25.60 min Scan# 3844
Delta R.T. -0.02 min
Lab File: BM027103.D
Acq: 15 Aug 2020 01:09

Instrument :
BNA_M
ClientSampleId :
BFML9

Tot Ion:	278	Resp:	78370
Ion Ratio	Lower	Upper	
278	100		
139	20.0	9.4	14.0#
279	23.4	18.7	28.1

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#94
Benzo(g,h,i)perylene
Concen: 5.428 ng/ul
RT: 26.26 min Scan# 3957
Delta R.T. -0.01 min
Lab File: BM027103.D
Acq: 15 Aug 2020 01:09

Tgt Ion:	276	Resp:	275669
Ion Ratio	Lower	Upper	
276	100		
138	15.3	12.3	18.5
277	24.5	19.0	28.6

