

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112020\
 Data File : BM027884.D
 Acq On : 21 Nov 2020 16:54
 Operator : JU/CG
 Sample : L4711-09
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0B51

Manual Integrations
 APPROVED

mohammad
 11/24/2020 8:58:47 AM

Quant Time: Nov 23 04:14:20 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM112020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 23 02:58:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.33	152	986	0.40	ng/ul	0.00
2) Naphthalene-d8	11.17	136	3855	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.95	164	2333	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.66	188	4619	0.40	ng/ul	0.00
16) Chrysene-d12	21.77	240	2758	0.40	ng/ul	0.00
20) Perylene-d12	24.19	264	2452	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.73	152	552	0.08	ng/ul	0.00
14) Fluoranthene-d10	19.65	212	1077	0.09	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	11.22	128	335	0.029	ng/ul#	61
5) 2-Methylnaphthalene	12.80	142	209	0.027	ng/ul	97
7) Acenaphthylene	14.68	152	356	0.031	ng/ul#	69
8) Acenaphthene	15.01	153	269	0.032	ng/ul#	95
9) Fluorene	15.98	166	301	0.030	ng/ul#	91
12) Phenanthrene	17.70	178	10759	0.737	ng/ul	98
13) Anthracene	17.79	178	1317m	0.094	ng/ul	
15) Fluoranthene	19.68	202	29440	1.820	ng/ul	99
17) Pyrene	20.04	202	23995	1.713	ng/ul	98
18) Benzo(a)anthracene	21.75	228	9389	0.844	ng/ul	97
19) Chrysene	21.81	228	13136	1.212	ng/ul	98
21) Benzo(b)fluoranthene	23.45	252	15878m	1.541	ng/ul	
22) Benzo(k)fluoranthene	23.50	252	5694m	0.564	ng/ul	
23) Benzo(a)pyrene	24.08	252	9660	1.072	ng/ul	93
24) Indeno(1,2,3-cd)pyrene	26.68	276	7203	0.738	ng/ul#	97
25) Dibenzo(a,h)anthracene	26.69	278	1812	0.223	ng/ul#	65
26) Benzo(a,h,i)perylene	27.45	276	6120	0.748	ng/ul	99

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

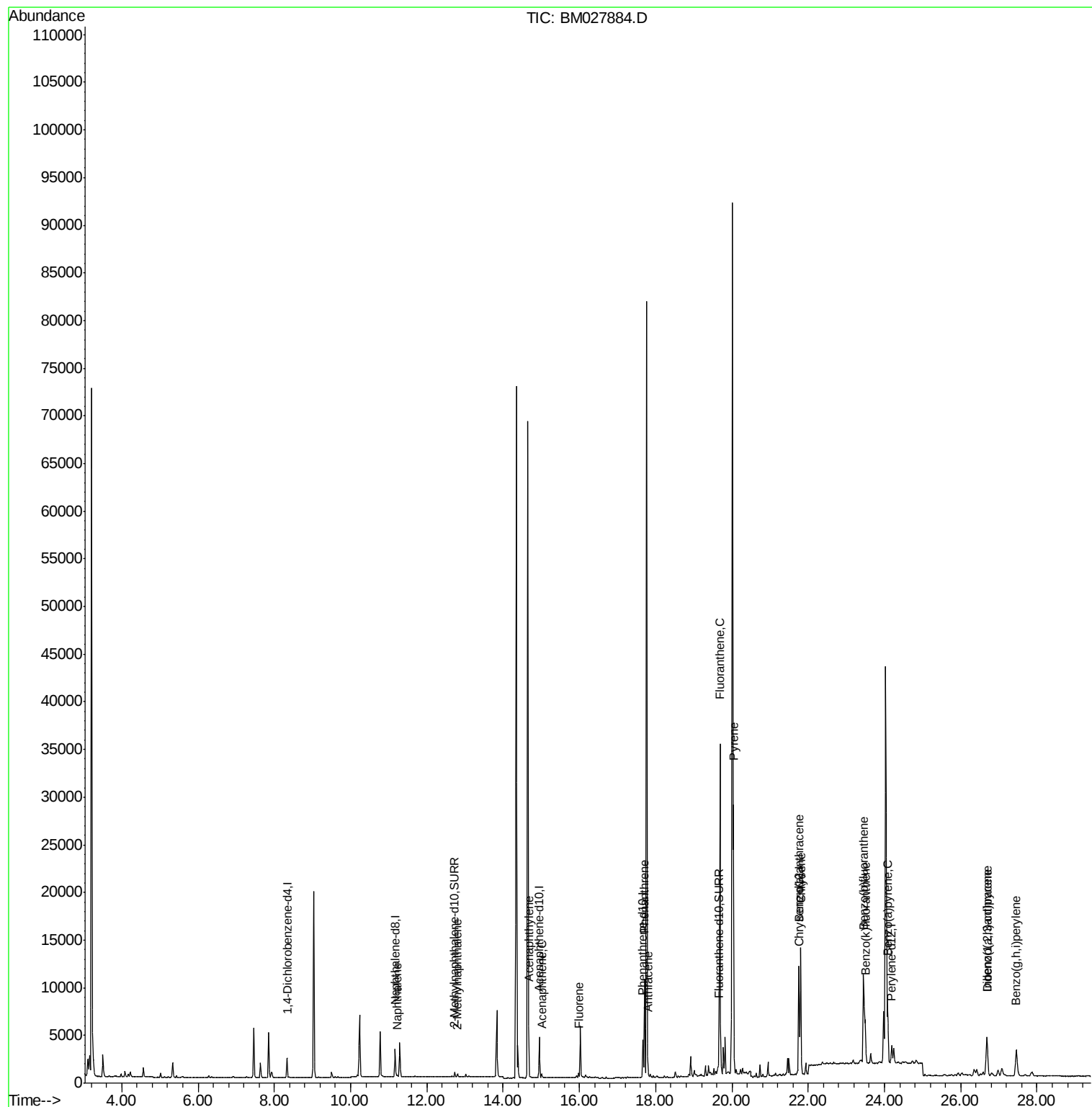
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112020\
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ALS Vial : 38 Sample Multiplier: 1

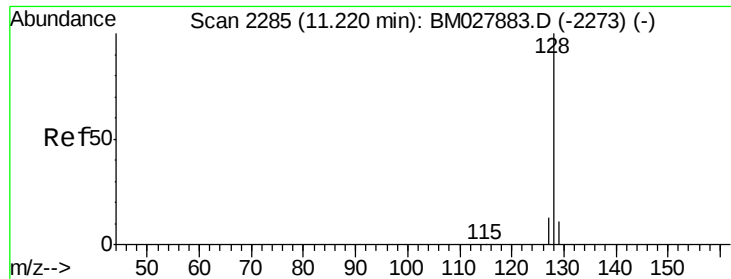
Instrument :
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Quant Time: Nov 23 04:14:20 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM112020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#3

Naphthalene

Concen: 0.029 ng/ul

RT: 11.22 min Scan# 2284

Delta R.T. -0.00 min

Lab File: BM027884.D

Acq: 21 Nov 2020 16:54

Instrument :

BNA_M

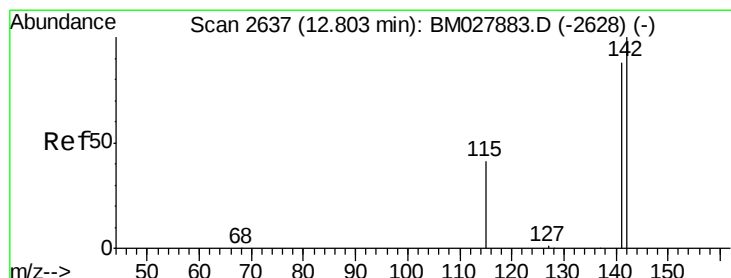
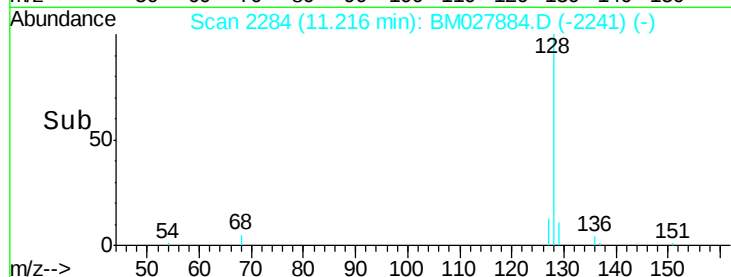
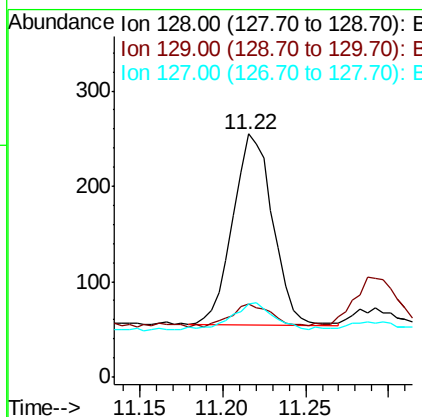
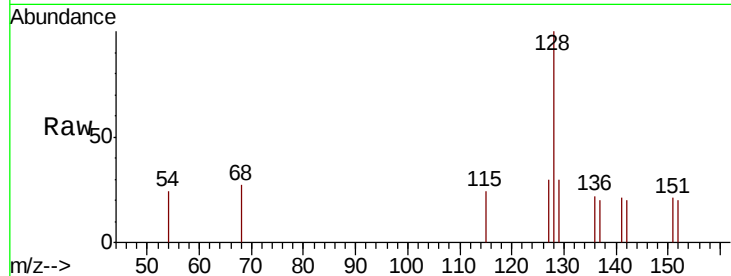
ClientSampleId :

C0B51

Tot Ion:	128	Resp:	335
Ion Ratio	Lower	Upper	
128	100		
129	29.8	10.4	15.6#
127	29.8	12.0	18.0#

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#5

2-Methylnaphthalene

Concen: 0.027 ng/ul

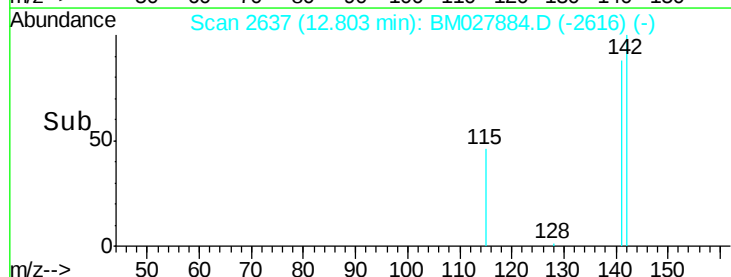
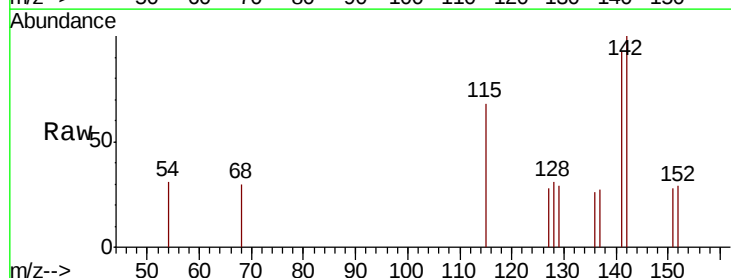
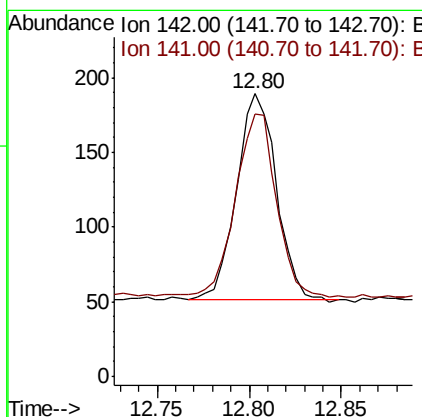
RT: 12.80 min Scan# 2637

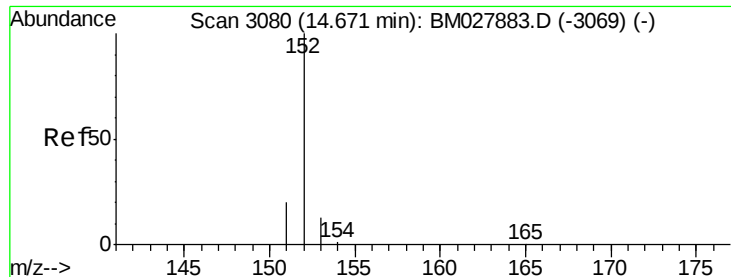
Delta R.T. -0.00 min

Lab File: BM027884.D

Acq: 21 Nov 2020 16:54

Tgt Ion:	142	Resp:	209
Ion Ratio	Lower	Upper	
142	100		
141	91.9	71.6	107.4





#7

Acenaphthylene

Concen: 0.031 ng/ul

RT: 14.68 min Scan# 3081

Delta R.T. 0.00 min

Lab File: BM027884.D

Acq: 21 Nov 2020 16:54

Instrument :

BNA_M

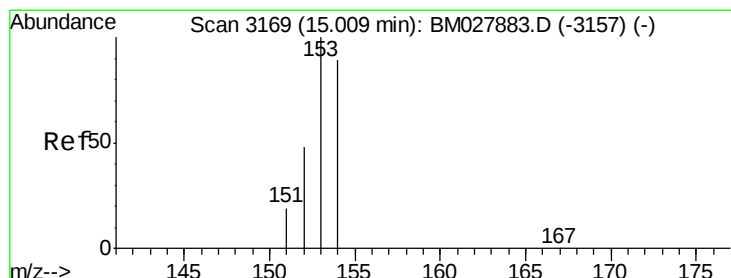
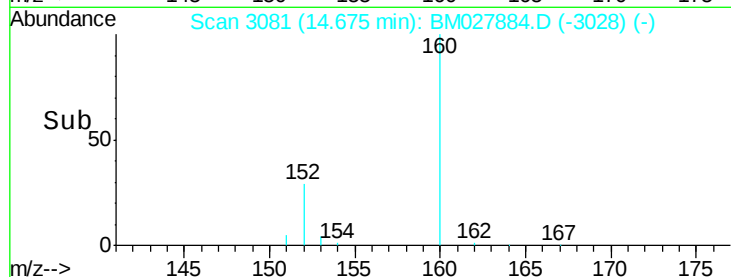
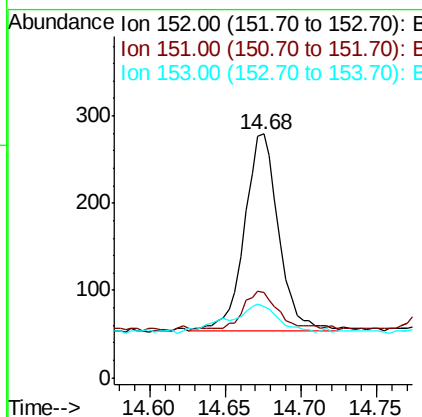
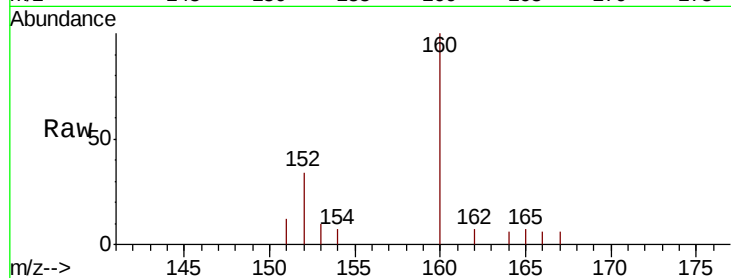
ClientSampleId :

C0B51

Tot Ion:	152	Resp:	356
Ion Ratio	Lower	Upper	
152	100		
151	34.8	17.1	25.7#
153	29.0	12.0	18.0#

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#8

Acenaphthene

Concen: 0.032 ng/ul

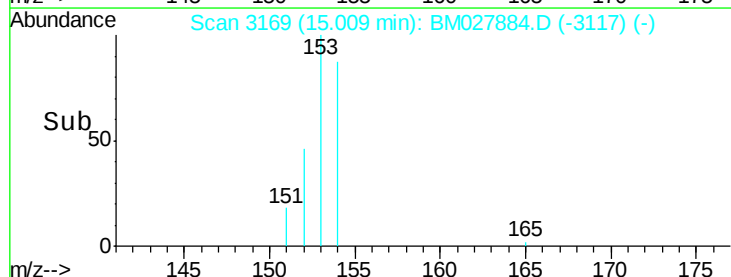
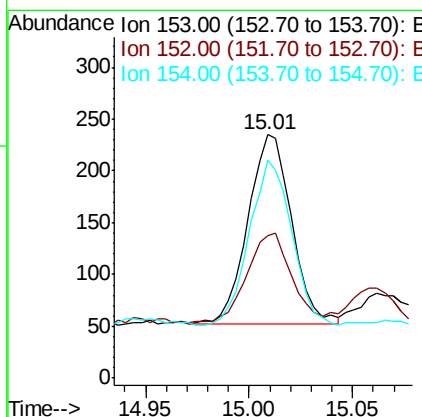
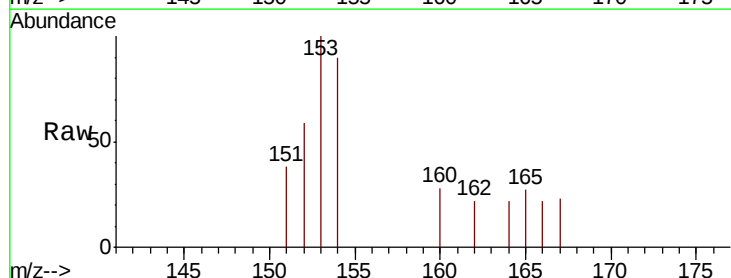
RT: 15.01 min Scan# 3169

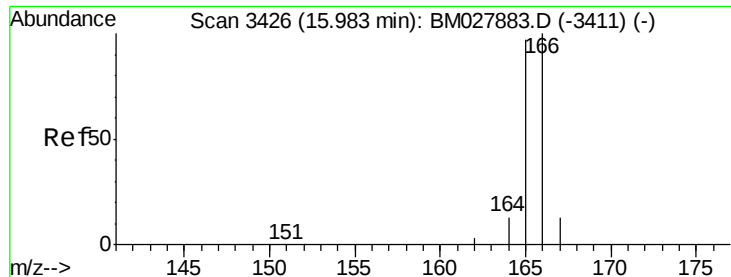
Delta R.T. -0.00 min

Lab File: BM027884.D

Acq: 21 Nov 2020 16:54

Tgt Ion:	153	Resp:	269
Ion Ratio	Lower	Upper	
153	100		
152	58.7	39.0	58.6#
154	89.8	71.6	107.4





#9

Fluorene

Concen: 0.030 ng/ul

RT: 15.98 min Scan# 3426

Delta R.T. 0.00 min

Lab File: BM027884.D

Acq: 21 Nov 2020 16:54

Instrument :

BNA_M

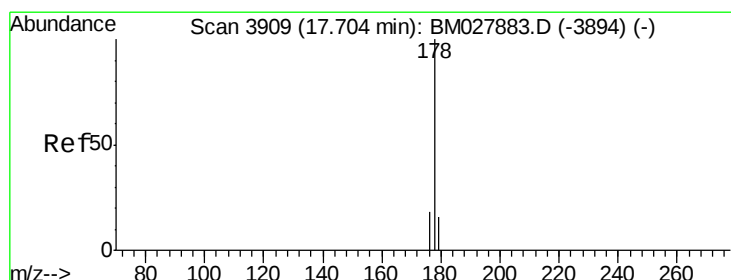
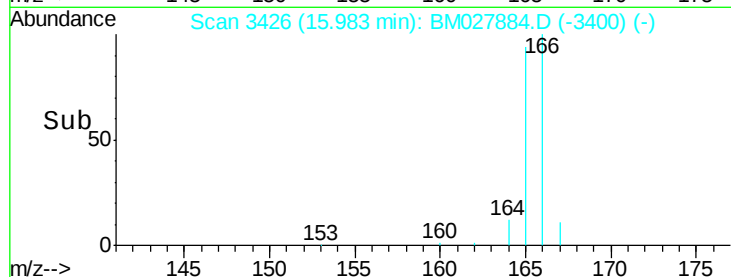
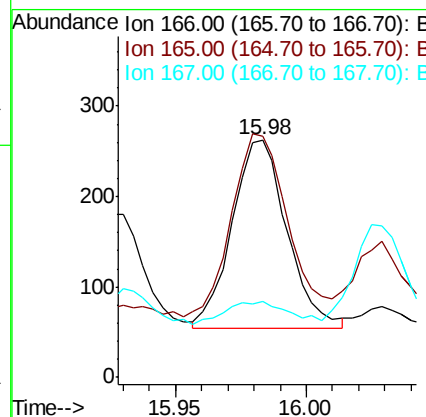
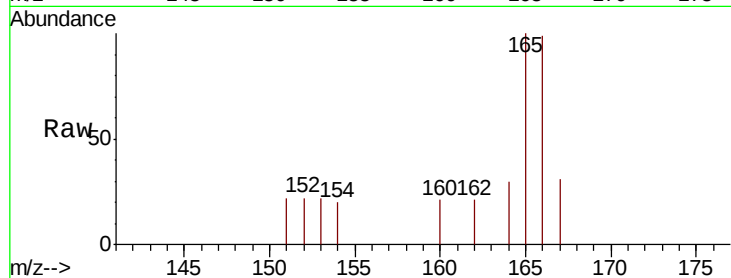
ClientSampleId :

C0B51

Tot Ion:	166	Resp:	301
Ion Ratio	Lower	Upper	
166	100		
165	101.5	78.1	117.1
167	31.9	11.8	17.8#

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#12

Phenanthrene

Concen: 0.737 ng/ul

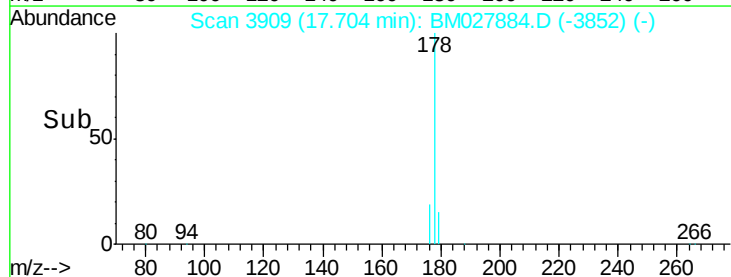
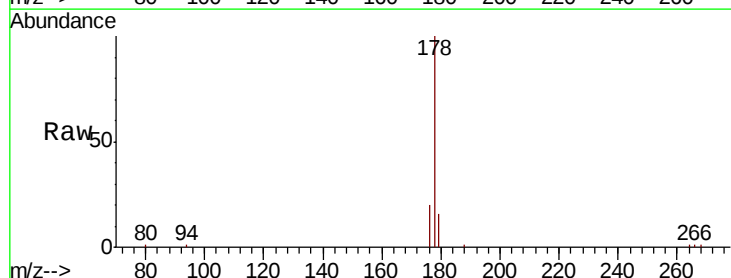
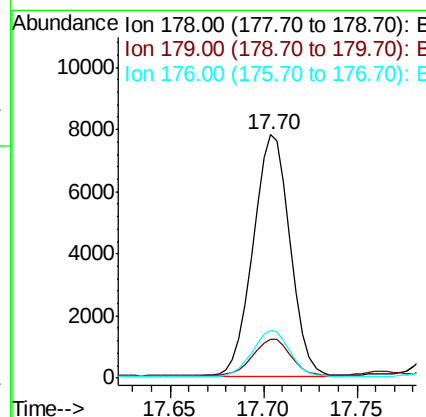
RT: 17.70 min Scan# 3909

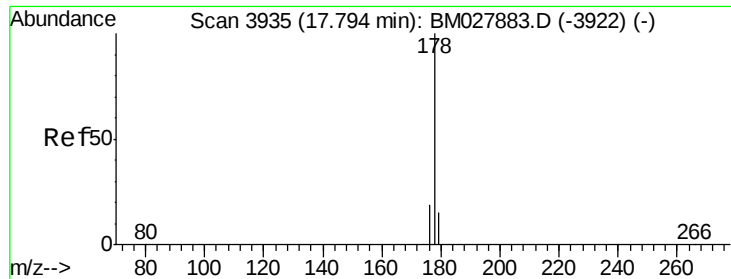
Delta R.T. -0.00 min

Lab File: BM027884.D

Acq: 21 Nov 2020 16:54

Tgt Ion:	178	Resp:	10759
Ion Ratio	Lower	Upper	
178	100		
179	16.0	13.6	20.4
176	19.5	16.1	24.1





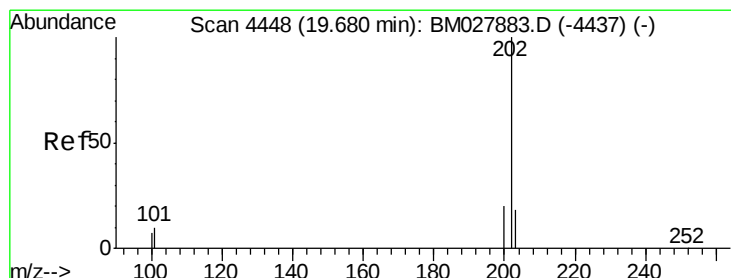
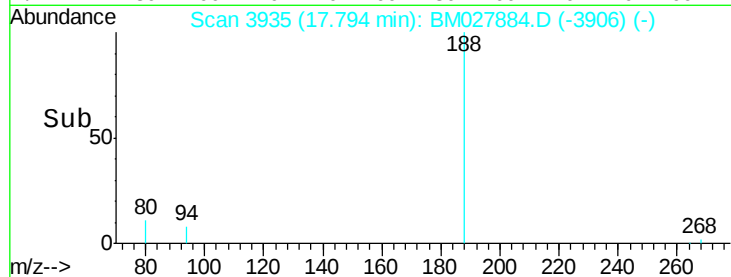
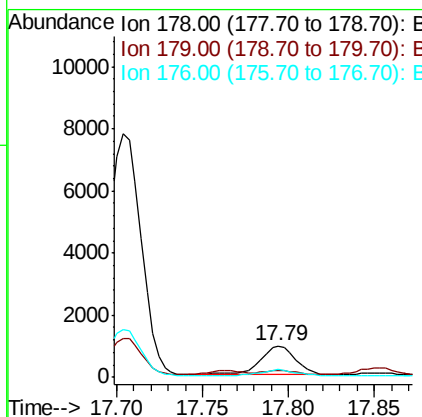
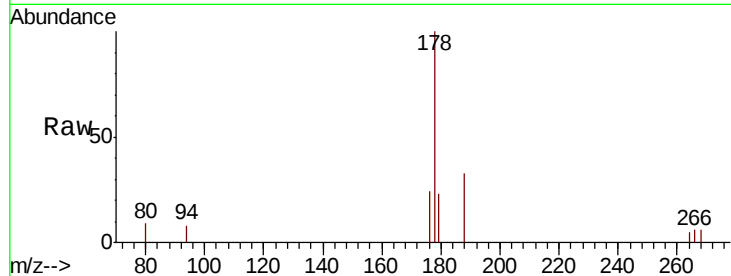
#13
 Anthracene
 Concen: 0.094 ng/ul m
 RT: 17.79 min Scan# 3935
 Delta R.T. 0.00 min
 Lab File: BM027884.D
 Acq: 21 Nov 2020 16:54

Instrument :
 BNA_M
 ClientSampled :
 C0B51

Tot Ion	Ratio	Lower	Upper
178	100		
179	22.9	13.4	20.2#
176	24.3	15.0	22.6#

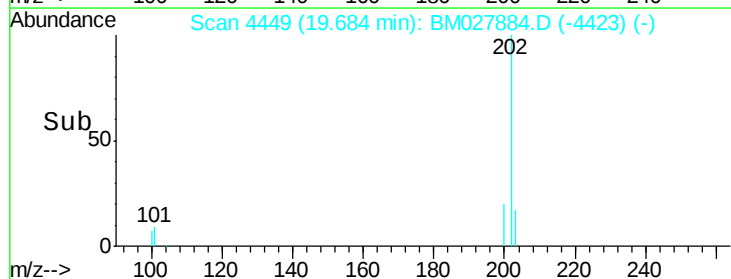
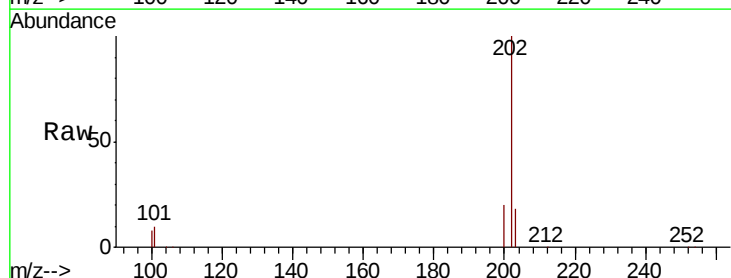
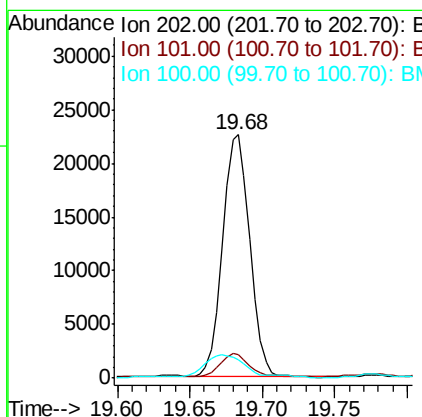
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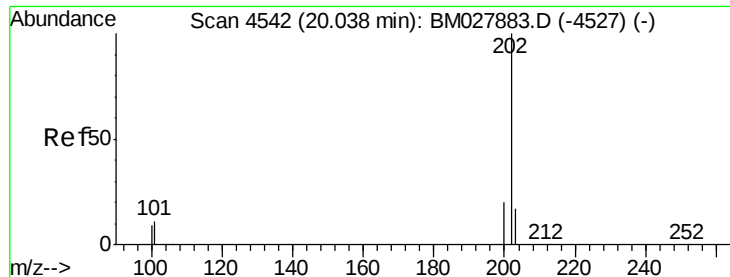
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#15
 Fluoranthene
 Concen: 1.820 ng/ul
 RT: 19.68 min Scan# 4449
 Delta R.T. 0.00 min
 Lab File: BM027884.D
 Acq: 21 Nov 2020 16:54

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.5	0.0	29.3
100	7.6	0.0	27.4





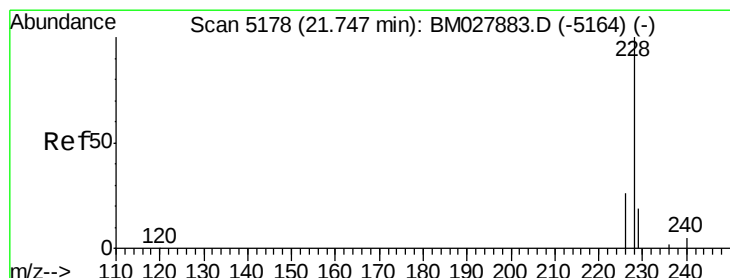
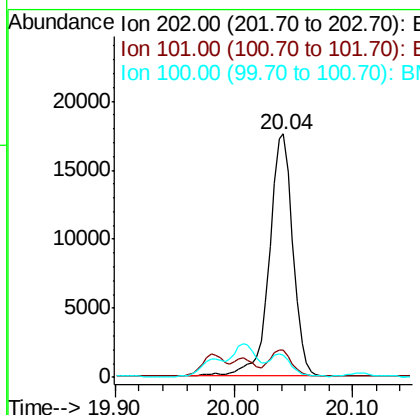
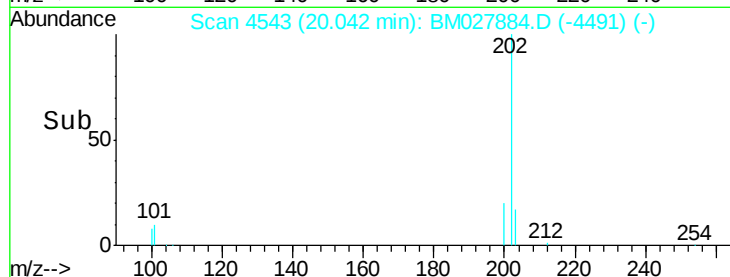
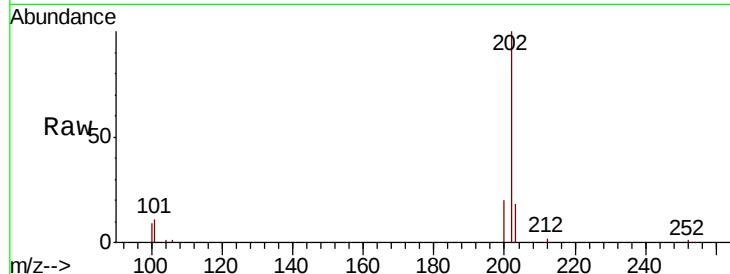
#17
Pvrene
Concen: 1.713 ng/ul
RT: 20.04 min Scan# 4543
Delta R.T. 0.00 min
Lab File: BM027884.D
Acq: 21 Nov 2020 16:54

Instrument :
BNA_M
ClientSampleId :
C0B51

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	11.0	8.2	12.2
100	8.9	6.9	10.3

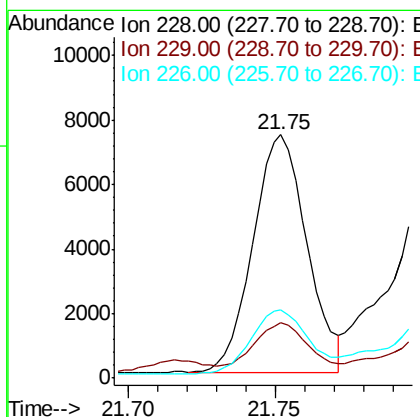
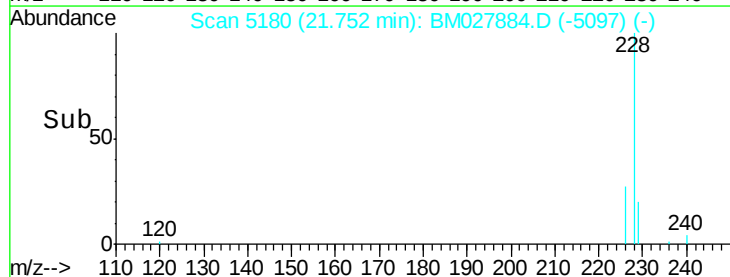
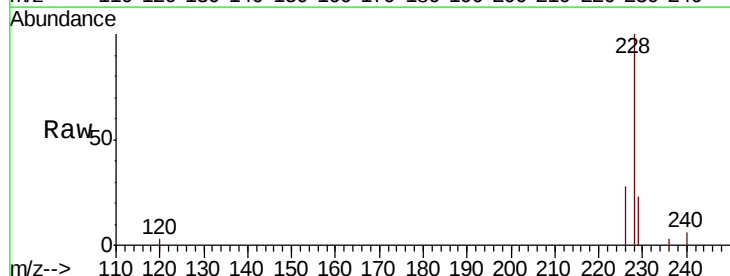
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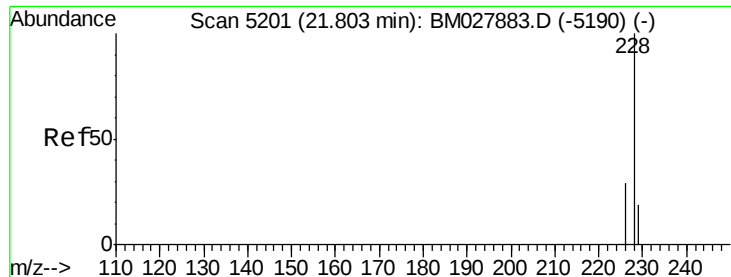
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#18
Benzo(a)anthracene
Concen: 0.844 ng/ul
RT: 21.75 min Scan# 5180
Delta R.T. 0.00 min
Lab File: BM027884.D
Acq: 21 Nov 2020 16:54

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	22.7	16.2	24.4
226	27.9	21.5	32.3





#19

Chrysene

Concen: 1.212 ng/ul

RT: 21.81 min Scan# 5202

Delta R.T. -0.00 min

Lab File: BM027884.D

Acq: 21 Nov 2020 16:54

Instrument :

BNA_M

ClientSampleId :

C0B51

Tot Ion:228 Resp: 13136

Ion Ratio Lower Upper

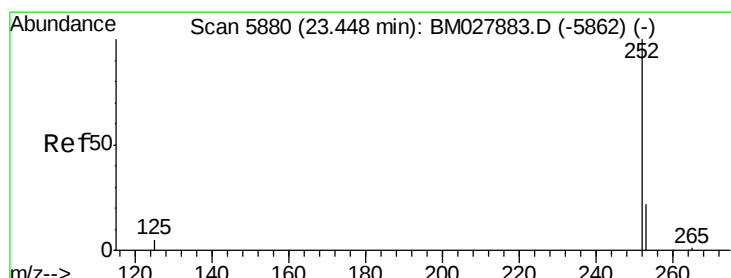
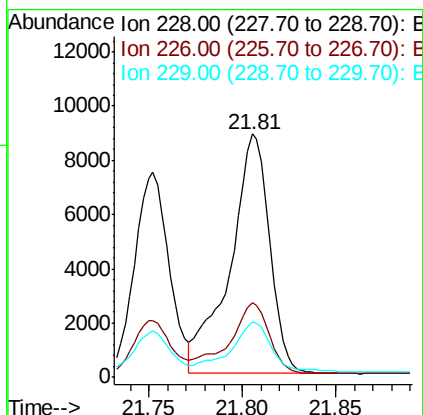
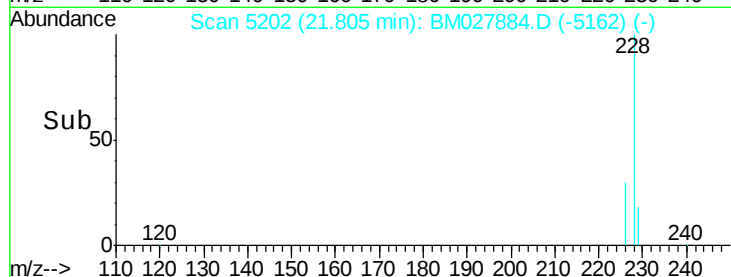
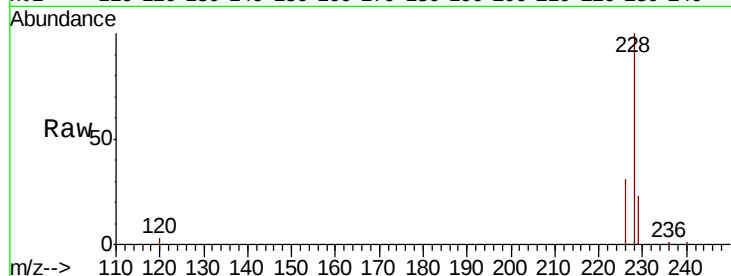
228 100

226 30.6 24.1 36.1

229 22.5 16.6 24.8

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#21

Benzo(b)fluoranthene

Concen: 1.541 ng/ul m

RT: 23.45 min Scan# 5882

Delta R.T. 0.00 min

Lab File: BM027884.D

Acq: 21 Nov 2020 16:54

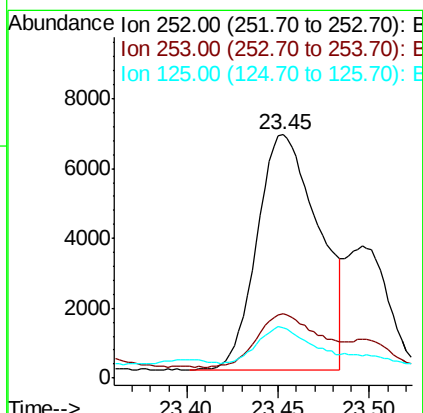
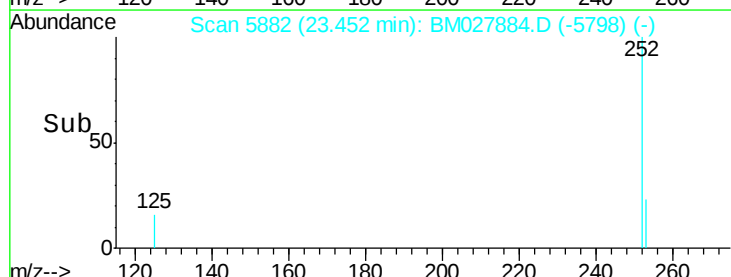
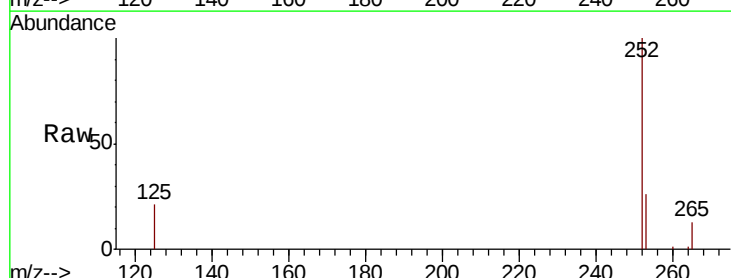
Tgt Ion:252 Resp: 15878

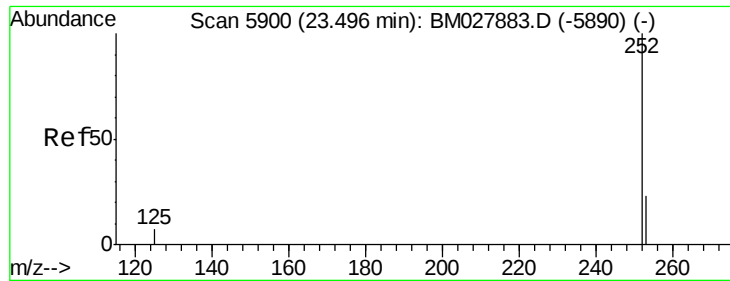
Ion Ratio Lower Upper

252 100

253 26.4 0.0 59.6

125 20.7 0.0 28.4





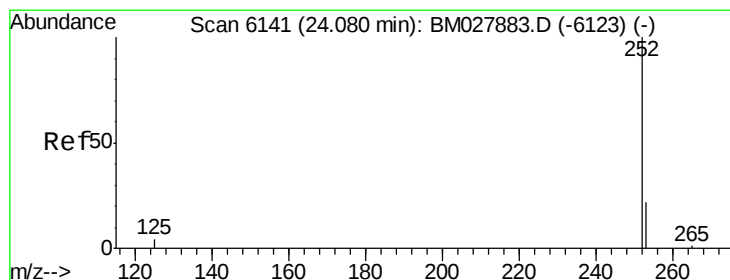
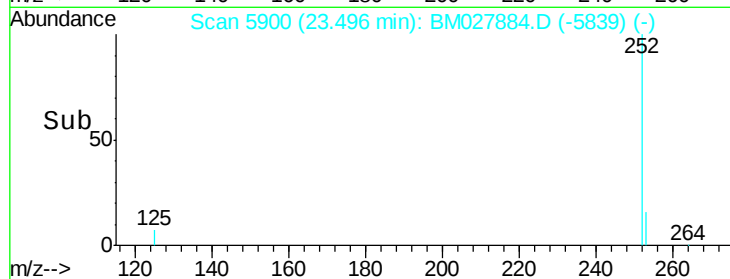
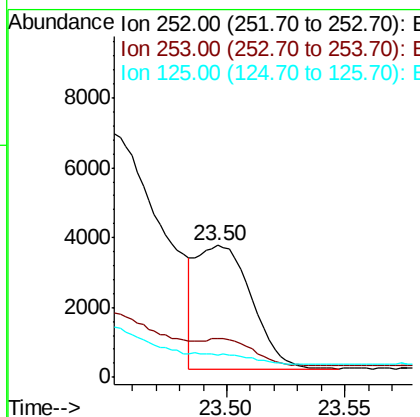
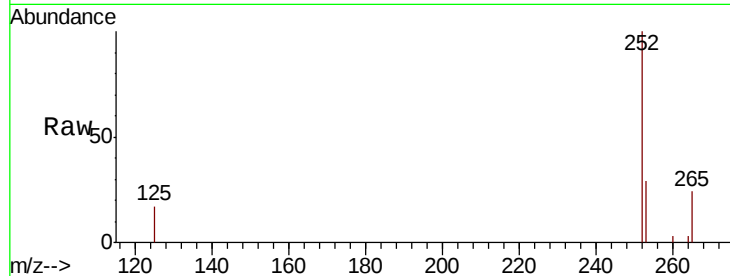
#22
Benzo(k)fluoranthene
Concen: 0.564 ng/ul m
RT: 23.50 min Scan# 5900
Delta R.T. -0.00 min
Lab File: BM027884.D
Acq: 21 Nov 2020 16:54

Instrument :
BNA_M
ClientSampleId :
C0B51

Tot Ion	Ratio	Lower	Upper
252	100		
253	29.1	23.2	34.8
125	17.2	11.8	17.6

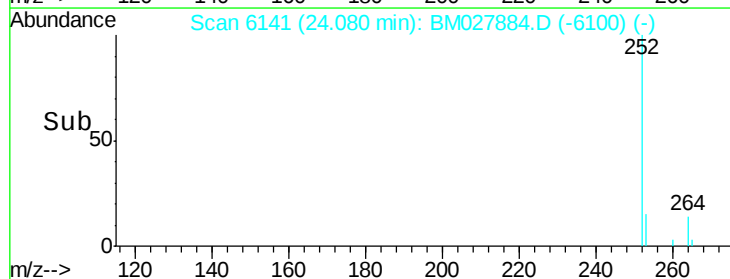
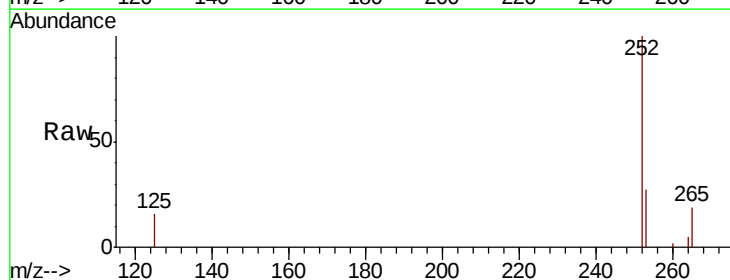
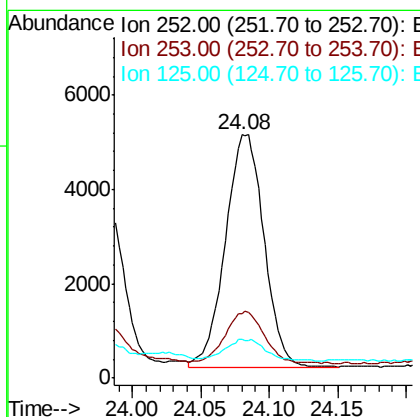
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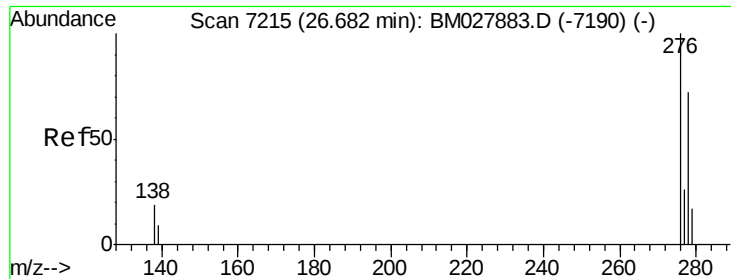
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#23
Benzo(a)pyrene
Concen: 1.072 ng/ul
RT: 24.08 min Scan# 6141
Delta R.T. 0.00 min
Lab File: BM027884.D
Acq: 21 Nov 2020 16:54

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.7	25.2	37.8
125	16.0	13.8	20.6





#24

Indeno(1,2,3-cd)pyrene

Concen: 0.738 ng/u1

RT: 26.68 min Scan# 7216

Delta R.T. -0.00 min

Lab File: BM027884.D

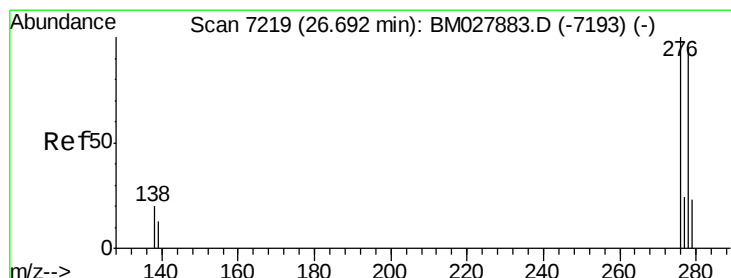
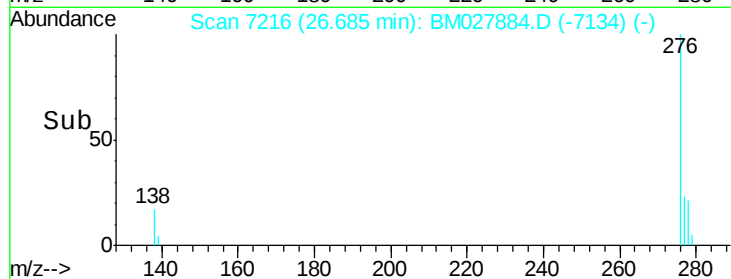
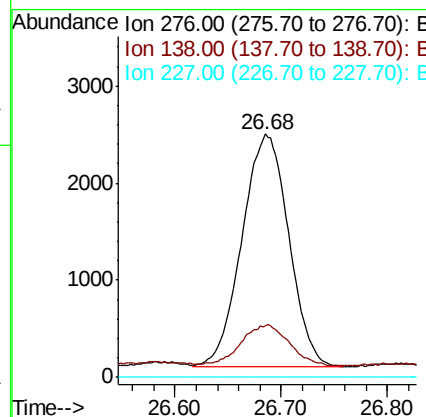
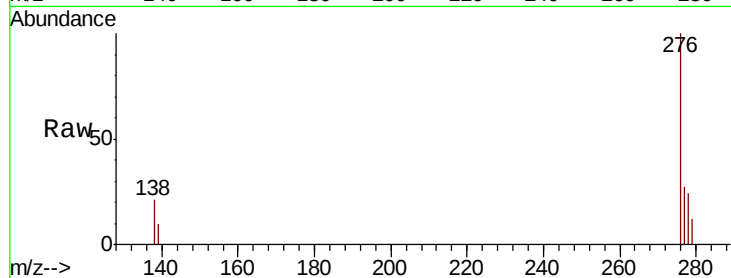
Acq: 21 Nov 2020 16:54

Instrument :
BNA_M
ClientSampleId :
C0B51

Tot Ion	Ratio	Lower	Upper
276	100		
138	18.2	15.7	23.5
227	0.0	0.0	0.0

Manual Integrations
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#25

Dibenzo(a,h)anthracene

Concen: 0.223 ng/u1

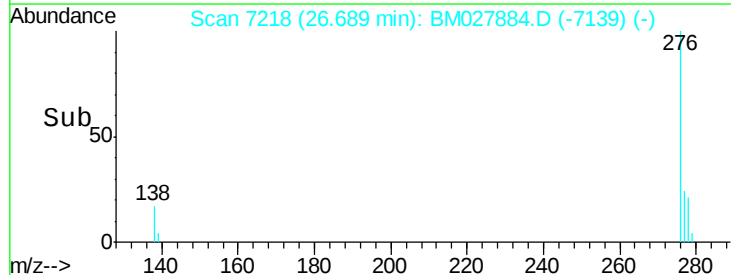
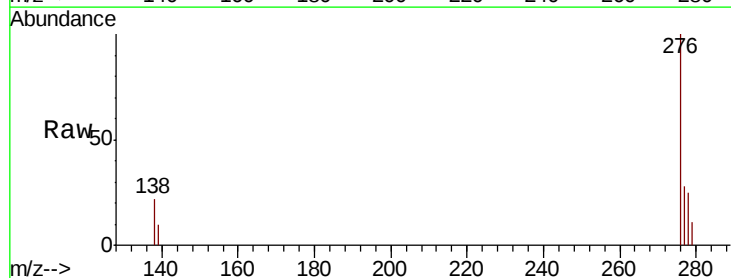
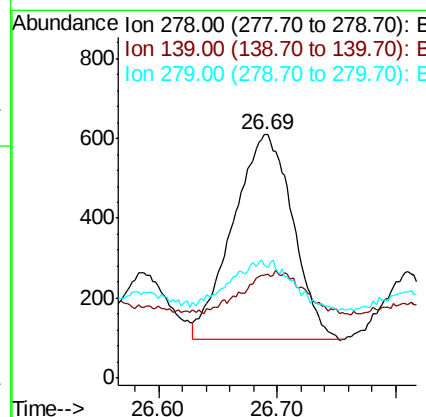
RT: 26.69 min Scan# 7218

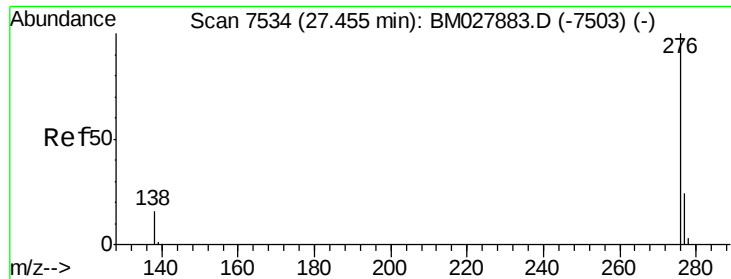
Delta R.T. -0.01 min

Lab File: BM027884.D

Acq: 21 Nov 2020 16:54

Tgt Ion	Ratio	Lower	Upper
278	100		
139	42.0	14.8	22.2#
279	46.3	25.8	38.6#





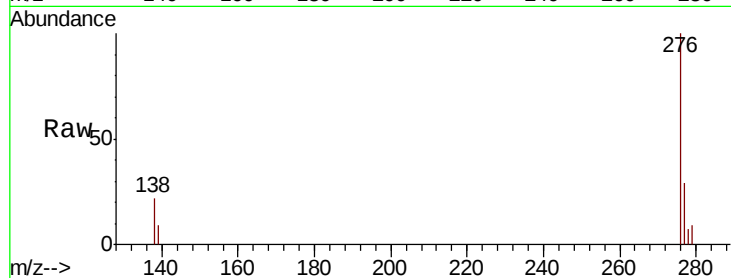
#26
 Benzo(a,h,i)perylene
 Concen: 0.748 ng/ul
 RT: 27.45 min Scan# 7534
 Delta R.T. -0.01 min
 Lab File: BM027884.D
 Acq: 21 Nov 2020 16:54

Instrument :
 BNA_M
 ClientSampleId :
 C0B51

Tot Ion	Ratio	Lower	Upper
276	100		
138	21.7	17.4	26.2
277	28.6	22.5	33.7

Manual Integrations
 APPROVED

mohammad
 11/24/2020 8:58:47 AM



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

