

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112020\
 Data File : BM027888.D
 Acq On : 21 Nov 2020 19:19
 Operator : JU/CG
 Sample : L4711-18
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0B01

Manual Integrations
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 11/24/2020 8:58:59 AM

Quant Time: Nov 23 04:34:03 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 04:04:52 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.33	152	885	0.40	ng/ul	0.00
2) Naphthalene-d8	11.17	136	3627	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.95	164	2315	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.66	188	4431m	0.40	ng/ul	0.00
16) Chrysene-d12	21.77	240	2640	0.40	ng/ul	0.00
20) Perylene-d12	24.19	264	2034	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.73	152	1935	0.32	ng/ul	0.00
14) Fluoranthene-d10	19.65	212	3783	0.32	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	11.22	128	1562	0.144	ng/ul#	93
5) 2-Methylnaphthalene	12.80	142	1204	0.163	ng/ul	98
7) Acenaphthylene	14.67	152	666	0.059	ng/ul#	76
8) Acenaphthene	15.01	153	766	0.091	ng/ul	97
9) Fluorene	15.98	166	878	0.089	ng/ul#	97
11) Pentachlorophenol	17.31	266	53	0.035	ng/ul	86
12) Phenanthrene	17.70	178	22500	1.607	ng/ul	98
13) Anthracene	17.79	178	4350	0.322	ng/ul	98
15) Fluoranthene	19.68	202	51455	3.315	ng/ul	100
17) Pyrene	20.04	202	42299	3.155	ng/ul	98
18) Benzo(a)anthracene	21.75	228	17764	1.668	ng/ul	99
19) Chrysene	21.80	228	19366	1.867	ng/ul	99
21) Benzo(b)fluoranthene	23.45	252	21147m	2.474	ng/ul	
22) Benzo(k)fluoranthene	23.49	252	7165m	0.856	ng/ul	
23) Benzo(a)pyrene	24.08	252	13587	1.818	ng/ul	91
24) Indeno(1,2,3-cd)pyrene	26.68	276	8981	1.110	ng/ul#	100
25) Dibenzo(a,h)anthracene	26.69	278	2285	0.339	ng/ul#	63
26) Benzo(g,h,i)perylene	27.46	276	8556	1.260	ng/ul	99

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

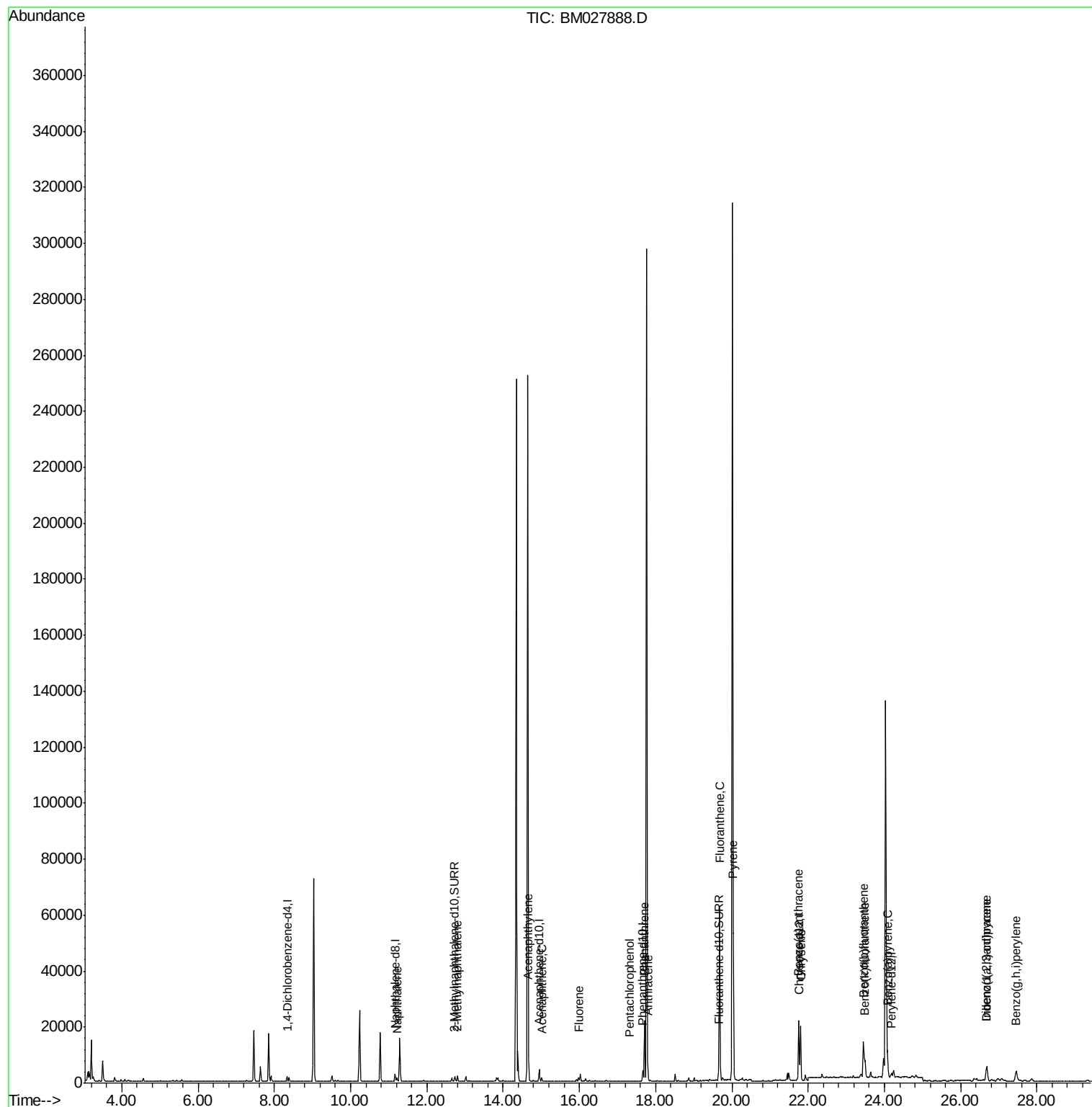
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112020\
Data File : BM027888.D
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ALS Vial : 42 Sample Multiplier: 1

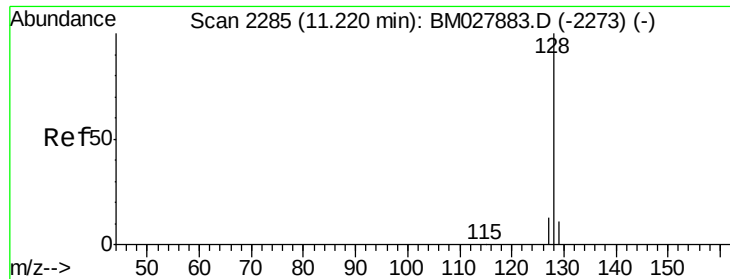
Instrument :
BNA_M
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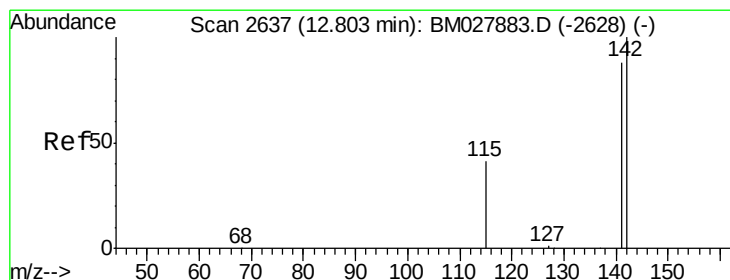
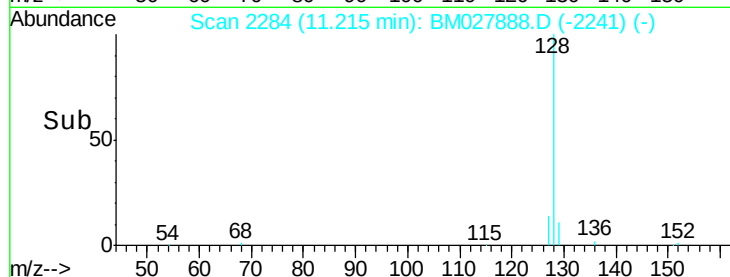
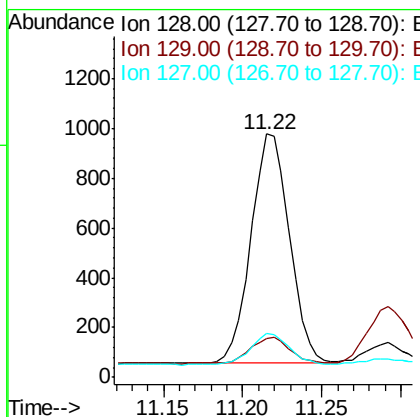
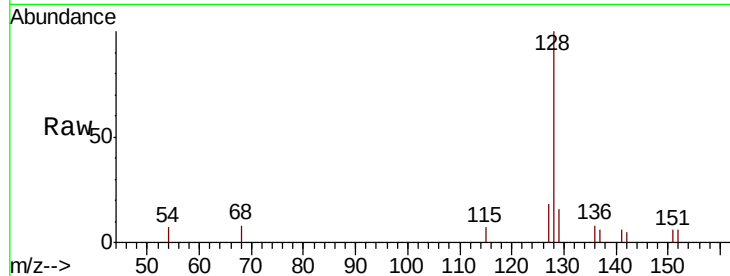
#3
Naphthalene
Concen: 0.144 ng/ul
RT: 11.22 min Scan# 2284
Delta R.T. -0.00 min
Lab File: BM027888.D
Acq: 21 Nov 2020 19:19

Instrument :
BNA_M
ClientSampleId :
C0B01

Tot Ion	Ratio	Lower	Upper
128	100		
129	16.0	10.4	15.6#
127	18.0	12.0	18.0

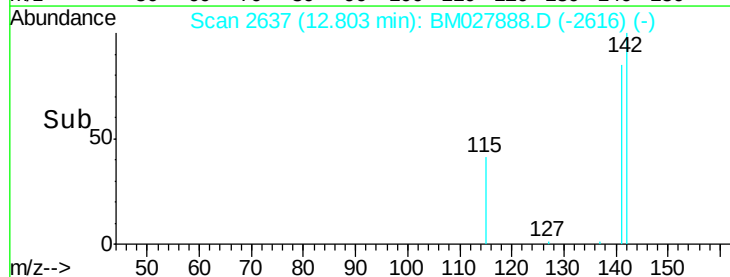
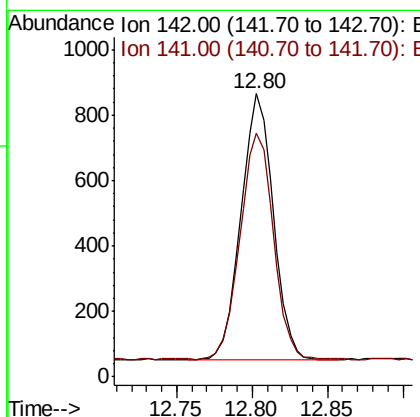
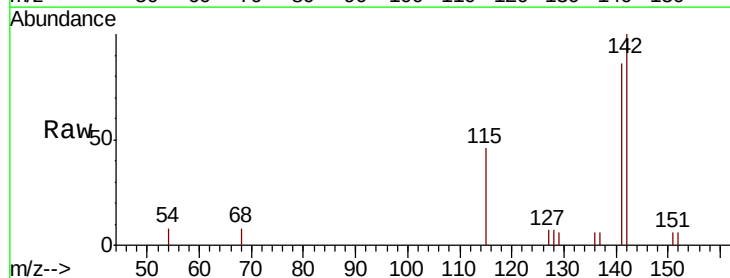
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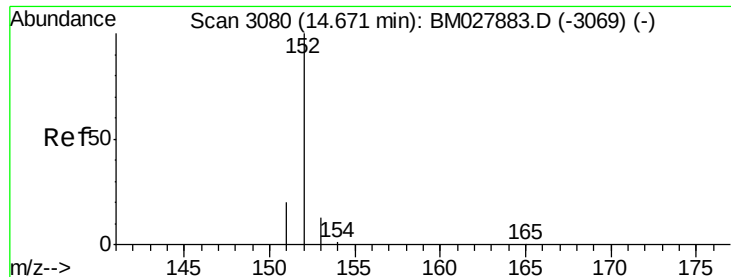
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#5
2-Methylnaphthalene
Concen: 0.163 ng/ul
RT: 12.80 min Scan# 2637
Delta R.T. -0.00 min
Lab File: BM027888.D
Acq: 21 Nov 2020 19:19

Tgt Ion	Ratio	Lower	Upper
142	100		
141	87.7	71.6	107.4





#7

Acenaphthylene

Concen: 0.059 ng/ul

RT: 14.67 min Scan# 3081

Delta R.T. -0.00 min

Lab File: BM027888.D

Acq: 21 Nov 2020 19:19

Instrument :

BNA_M

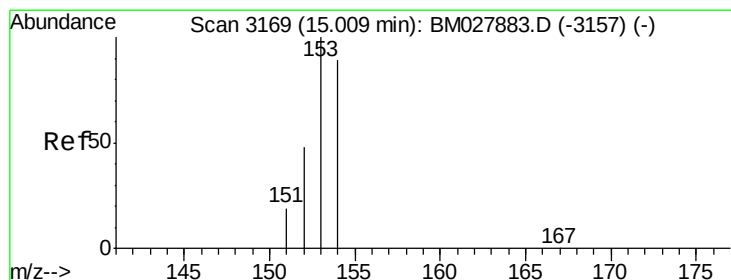
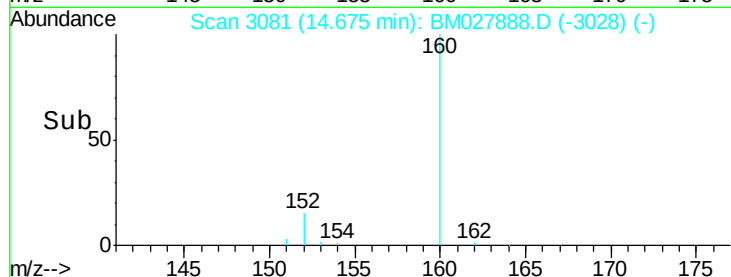
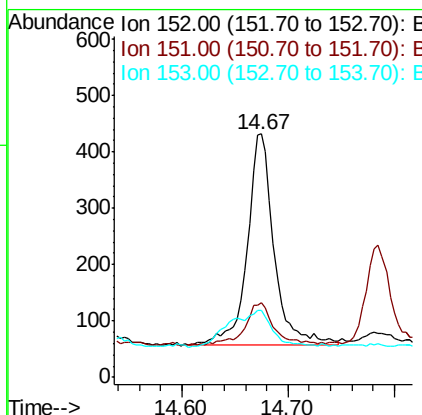
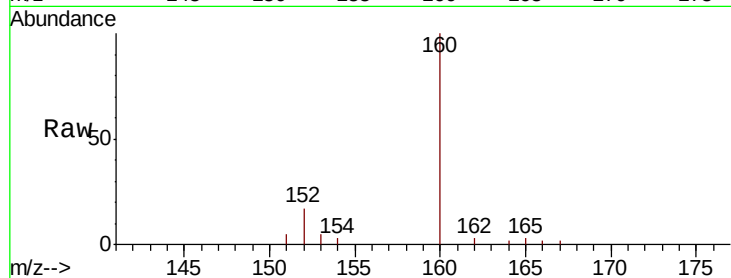
ClientSampleId :

C0B01

Tot Ion:	152	Resp:	666
Ion Ratio	Lower	Upper	
152	100		
151	30.8	17.1	25.7#
153	27.3	12.0	18.0#

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#8

Acenaphthene

Concen: 0.091 ng/ul

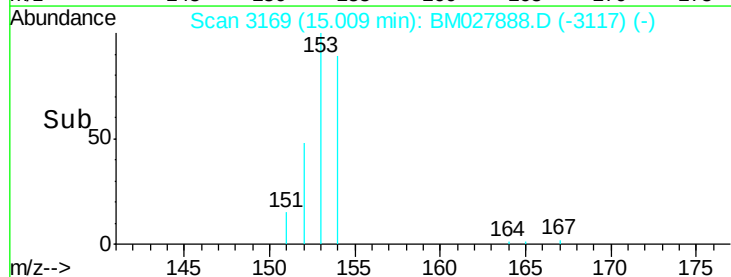
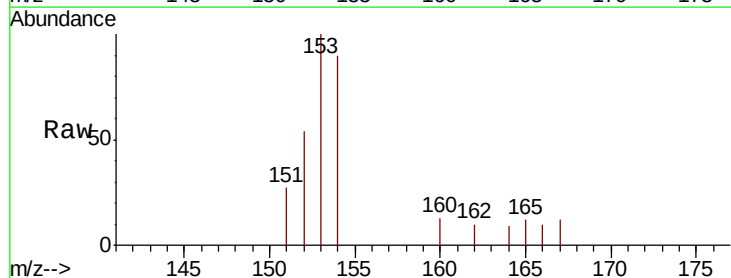
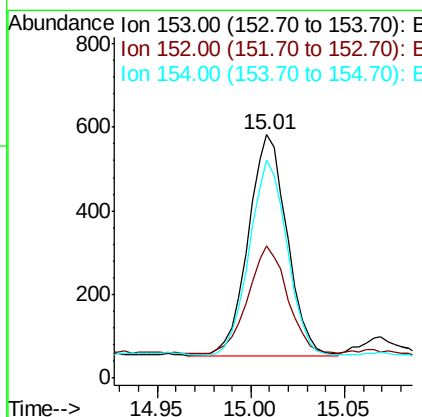
RT: 15.01 min Scan# 3169

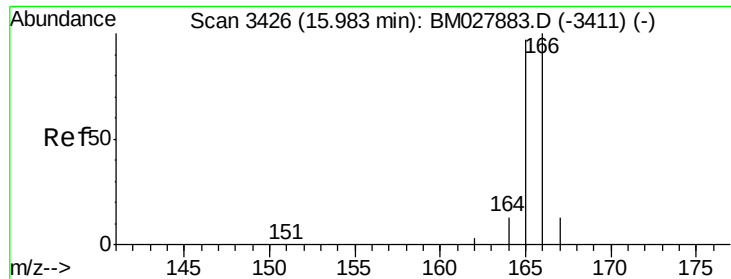
Delta R.T. -0.00 min

Lab File: BM027888.D

Acq: 21 Nov 2020 19:19

Tgt Ion:	153	Resp:	766
Ion Ratio	Lower	Upper	
153	100		
152	54.3	39.0	58.6
154	89.7	71.6	107.4





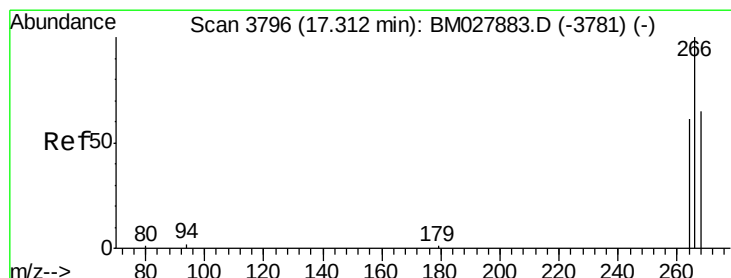
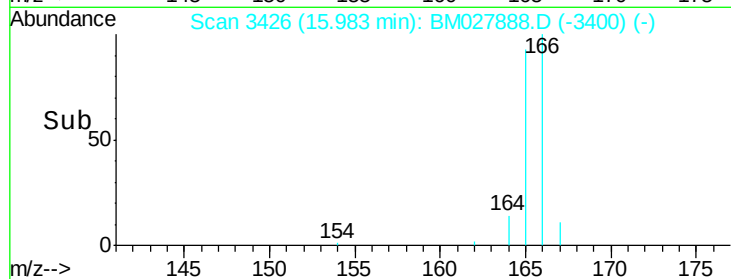
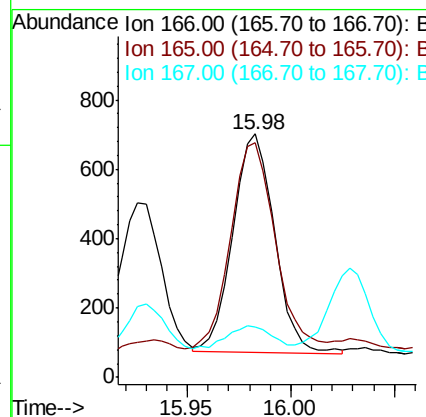
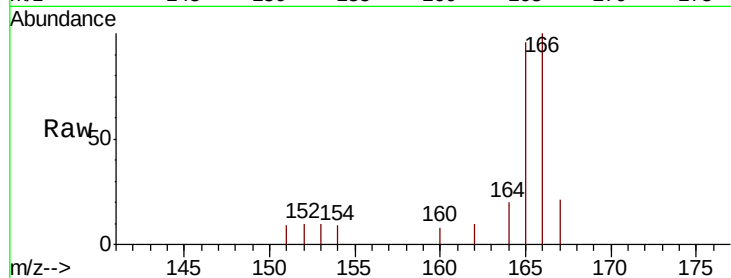
#9
Fluorene
 Concen: 0.089 ng/ul
 RT: 15.98 min Scan# 3426
 Delta R.T. -0.00 min
 Lab File: BM027888.D
 Acq: 21 Nov 2020 19:19

Instrument :
 BNA_M
 ClientSampleId :
 C0B01

Tot Ion	Ratio	Lower	Upper
166	100		
165	96.2	78.1	117.1
167	20.9	11.8	17.8#

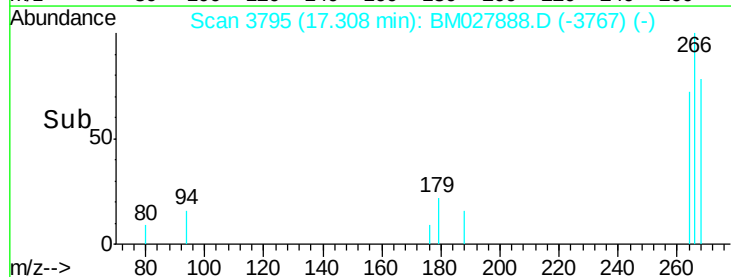
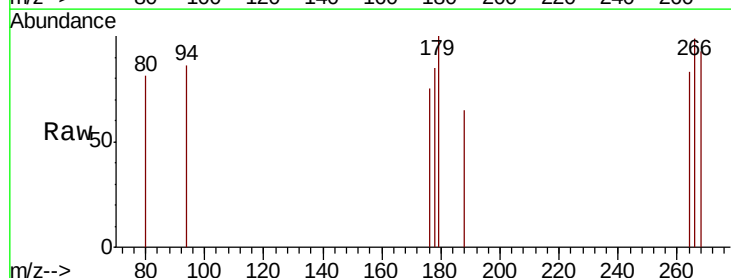
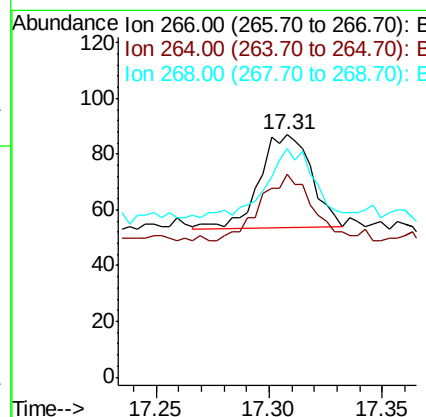
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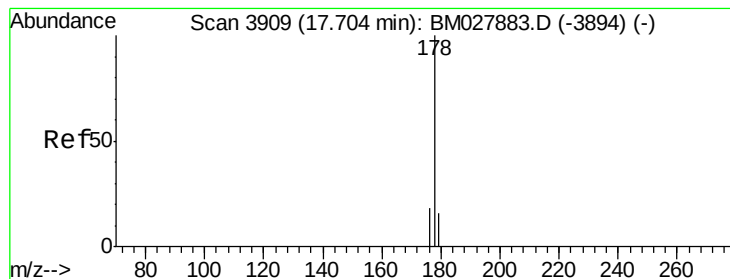
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#11
Pentachlorophenol
 Concen: 0.035 ng/ul
 RT: 17.31 min Scan# 3795
 Delta R.T. -0.00 min
 Lab File: BM027888.D
 Acq: 21 Nov 2020 19:19

Tgt Ion	Ratio	Lower	Upper
266	100		
264	73.6	49.6	74.4
268	75.5	52.1	78.1





#12

Phenanthrene

Concen: 1.607 ng/ul

RT: 17.70 min Scan# 3909

Delta R.T. -0.00 min

Lab File: BM027888.D

Acq: 21 Nov 2020 19:19

Instrument :

BNA_M

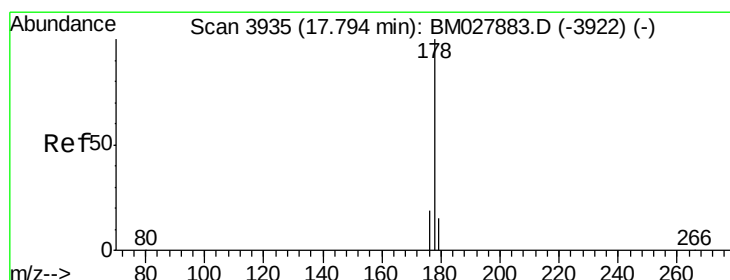
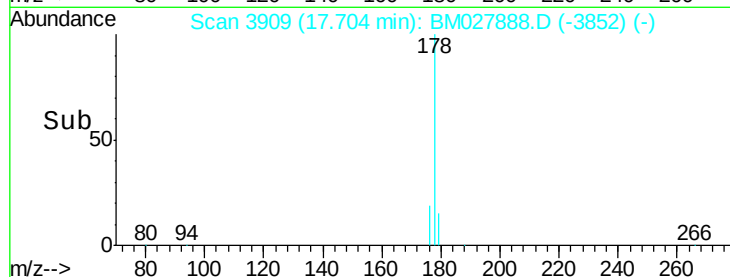
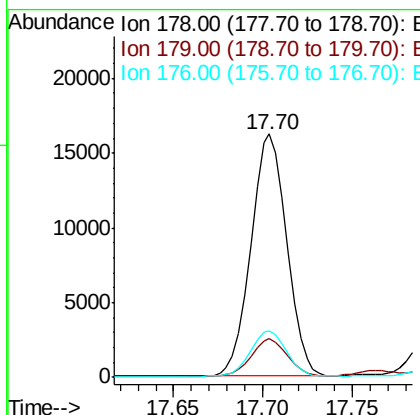
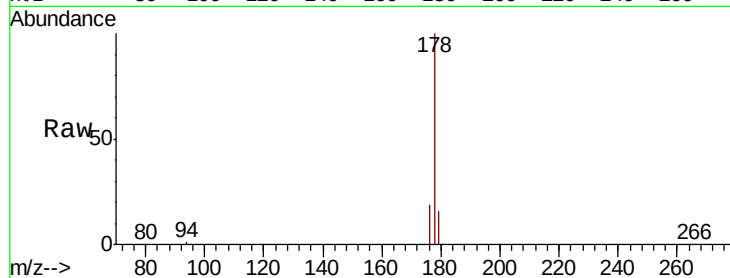
ClientSampleId :

C0B01

Tot Ion:	178	Resp:	22500
Ion Ratio	Lower	Upper	
178	100		
179	15.7	13.6	20.4
176	19.3	16.1	24.1

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#13

Anthracene

Concen: 0.322 ng/ul

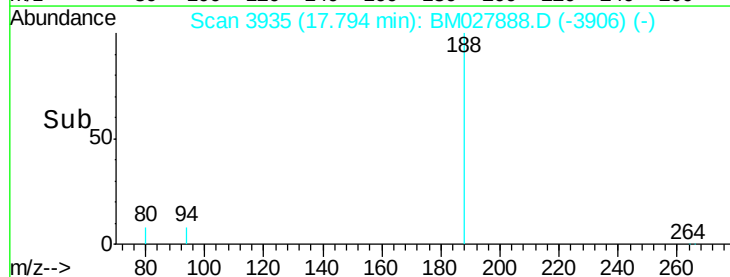
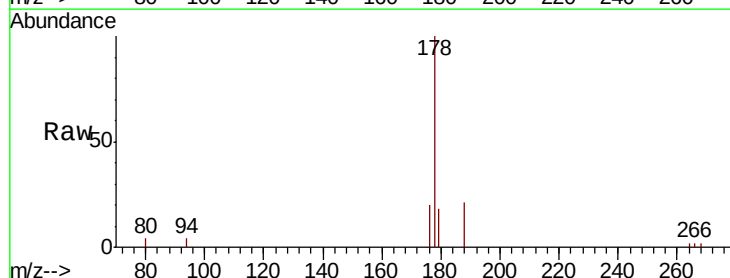
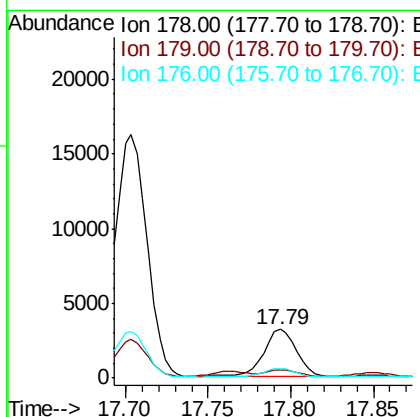
RT: 17.79 min Scan# 3935

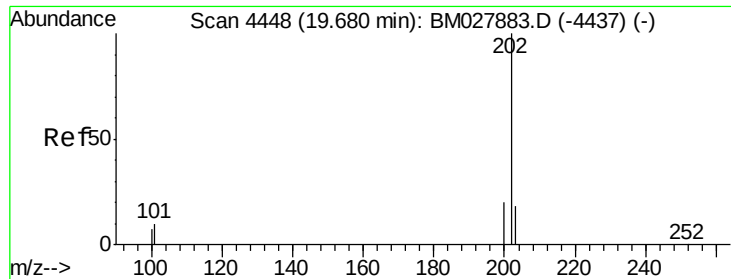
Delta R.T. -0.00 min

Lab File: BM027888.D

Acq: 21 Nov 2020 19:19

Tgt Ion:	178	Resp:	4350
Ion Ratio	Lower	Upper	
178	100		
179	17.8	13.4	20.2
176	19.8	15.0	22.6





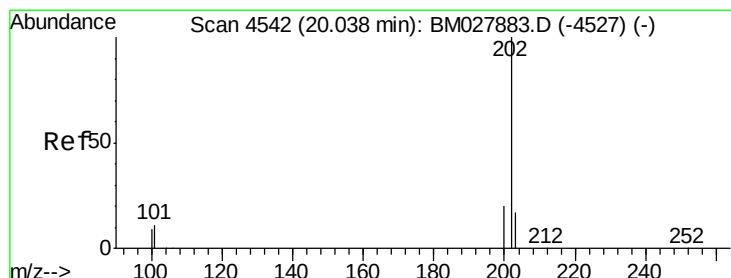
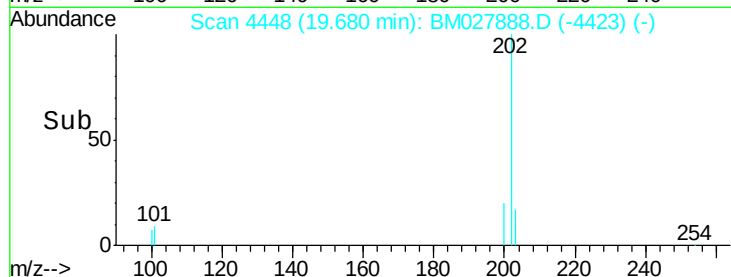
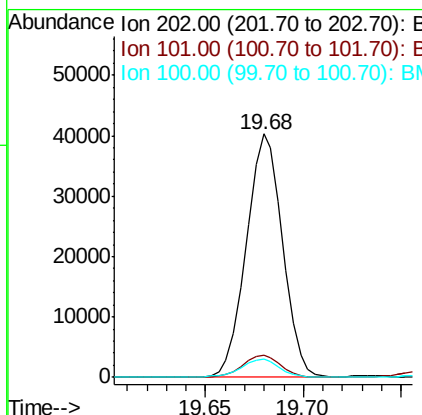
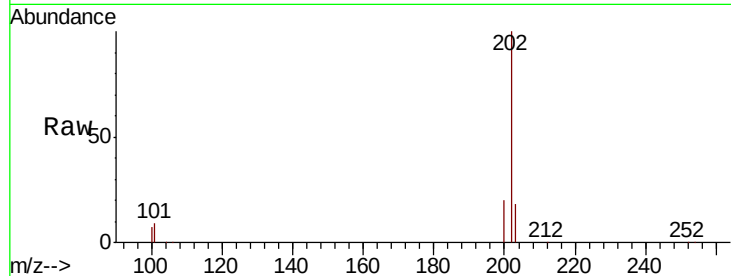
#15
Fluoranthene
Concen: 3.315 ng/ul
RT: 19.68 min Scan# 4448
Delta R.T. -0.00 min
Lab File: BM027888.D
Acq: 21 Nov 2020 19:19

Instrument :
BNA_M
ClientSampled :
C0B01

Tot Ion:202	Resp:	51455
Ion Ratio	Lower	Upper
202 100		
101 9.3	0.0	29.3
100 7.5	0.0	27.4

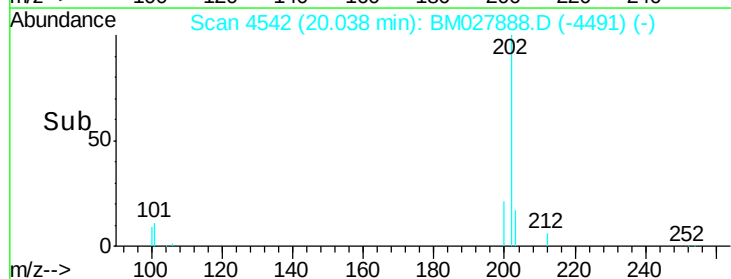
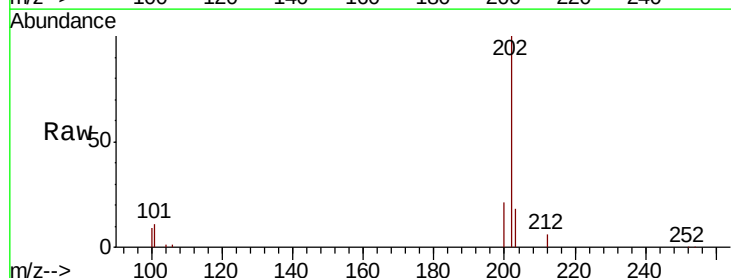
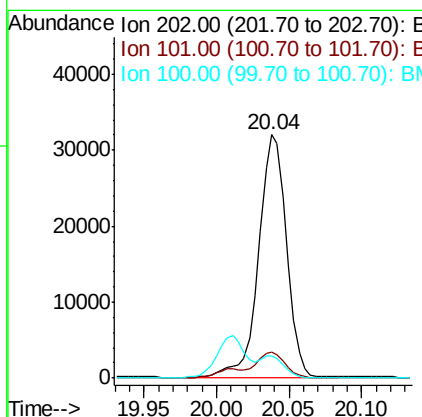
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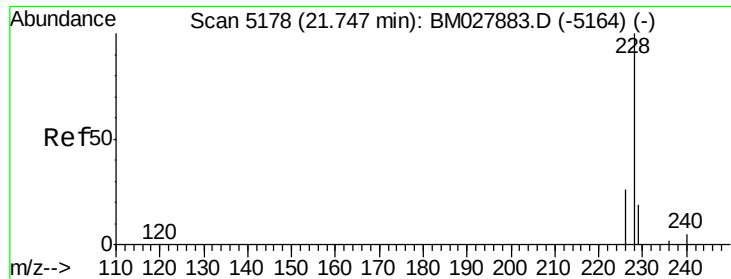
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#17
Pyrene
Concen: 3.155 ng/ul
RT: 20.04 min Scan# 4542
Delta R.T. -0.00 min
Lab File: BM027888.D
Acq: 21 Nov 2020 19:19

Tgt Ion:202	Resp:	42299
Ion Ratio	Lower	Upper
202 100		
101 10.9	8.2	12.2
100 9.2	6.9	10.3





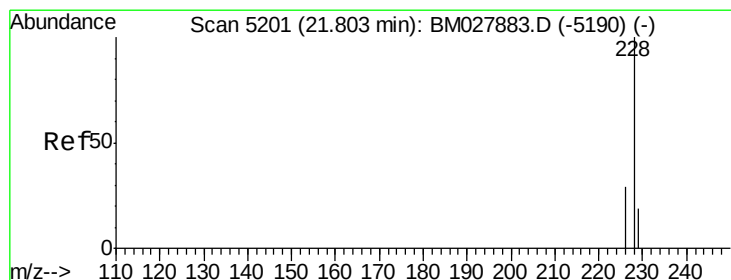
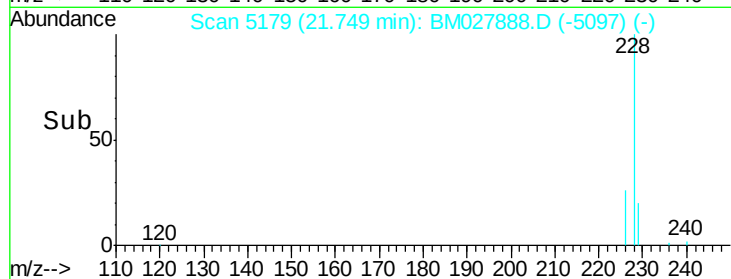
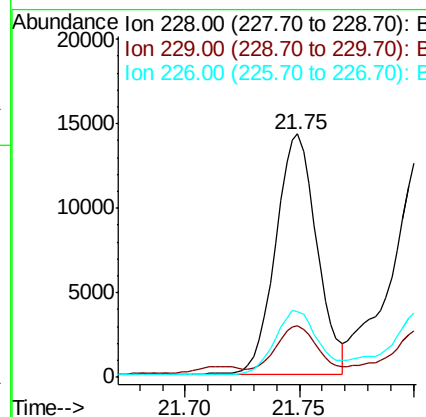
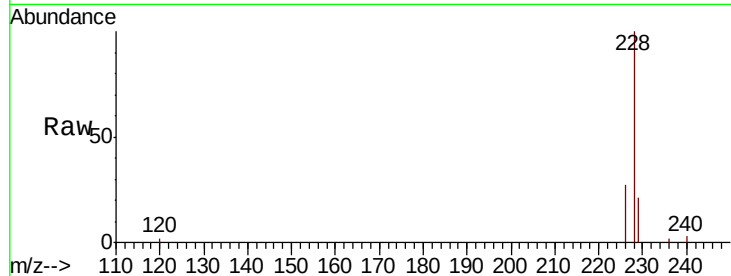
#18
Benzo(a)anthracene
Concen: 1.668 ng/ul
RT: 21.75 min Scan# 5179
Delta R.T. -0.00 min
Lab File: BM027888.D
Acq: 21 Nov 2020 19:19

Instrument :
BNA_M
ClientSampleId :
C0B01

Tot Ion	Ratio	Lower	Upper
228	100		
229	21.1	16.2	24.4
226	27.2	21.5	32.3

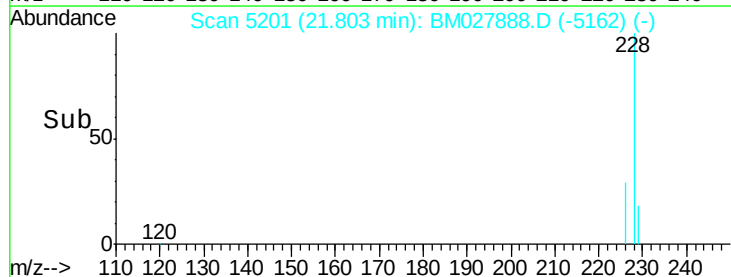
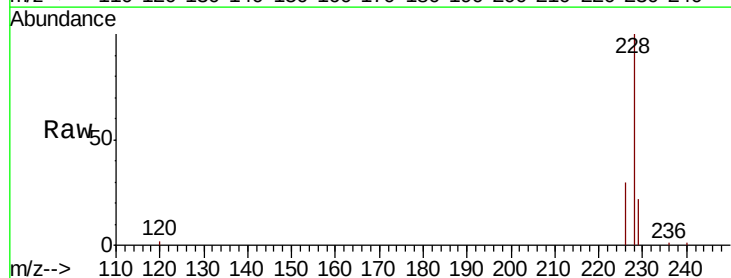
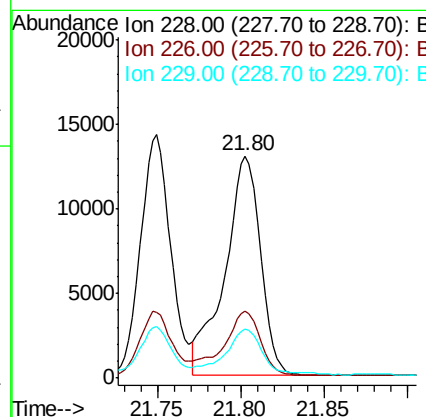
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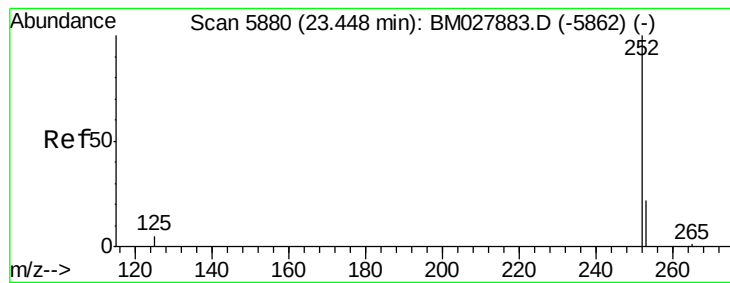
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#19
Chrysene
Concen: 1.867 ng/ul
RT: 21.80 min Scan# 5201
Delta R.T. -0.00 min
Lab File: BM027888.D
Acq: 21 Nov 2020 19:19

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.1	36.1
229	22.2	16.6	24.8





#21

Benzo(b)fluoranthene

Concen: 2.474 ng/ul m

RT: 23.45 min Scan# 5881

Delta R.T. -0.00 min

Lab File: BM027888.D

Acq: 21 Nov 2020 19:19

Instrument :

BNA_M

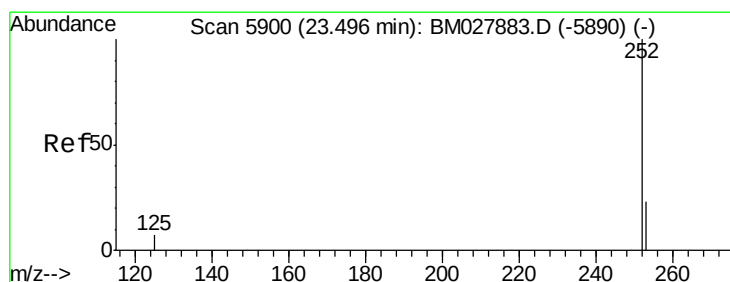
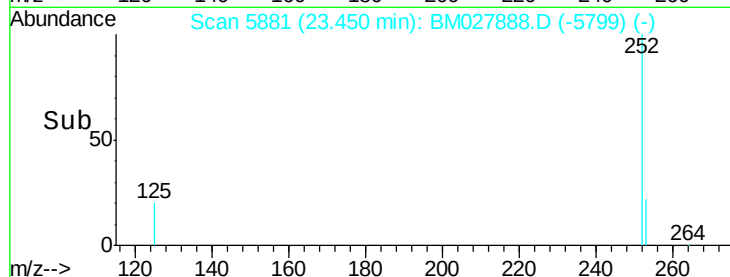
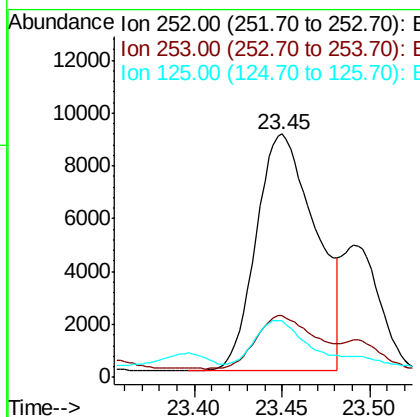
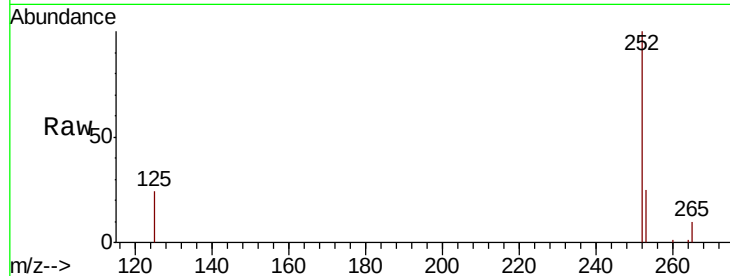
ClientSampleId :

C0B01

Tot Ion:	252	Resp:	21147
Ion Ratio	Lower	Upper	
252	100		
253	25.3	0.0	59.6
125	23.5	0.0	28.4

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#22

Benzo(k)fluoranthene

Concen: 0.856 ng/ul m

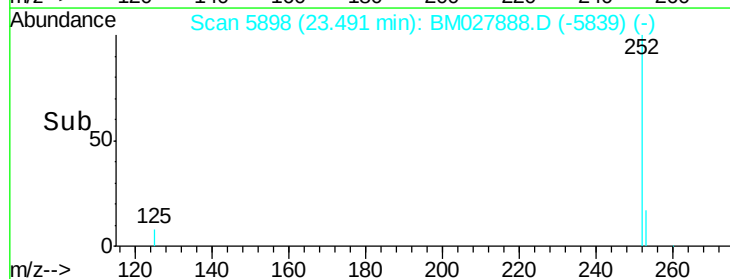
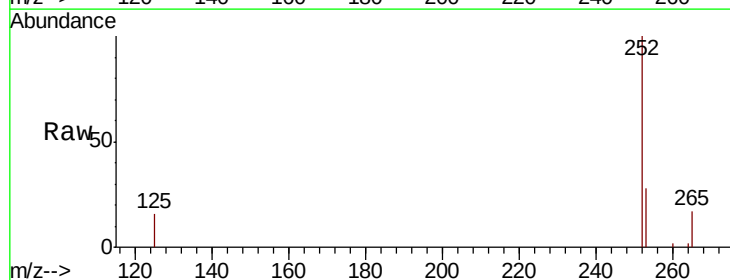
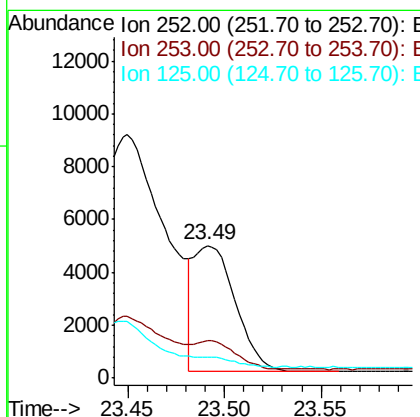
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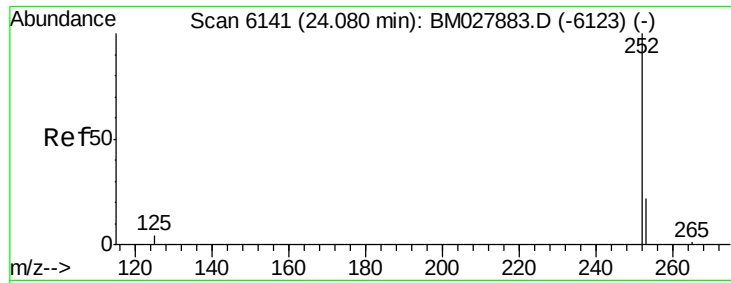
Delta R.T. -0.01 min

Lab File: BM027888.D

Acq: 21 Nov 2020 19:19

Tgt Ion:	252	Resp:	7165
Ion Ratio	Lower	Upper	
252	100		
253	27.9	23.2	34.8
125	15.5	11.8	17.6





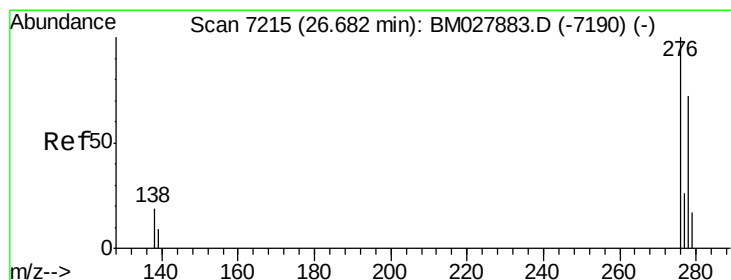
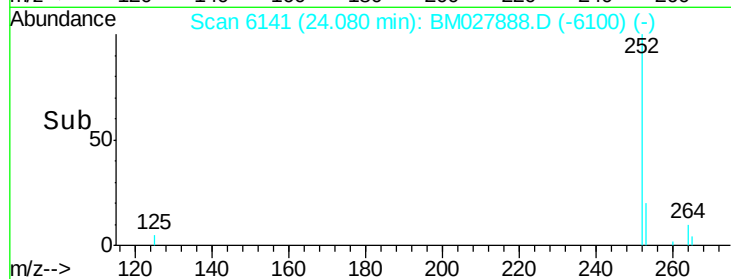
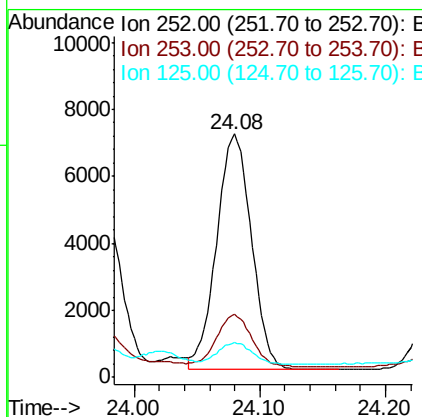
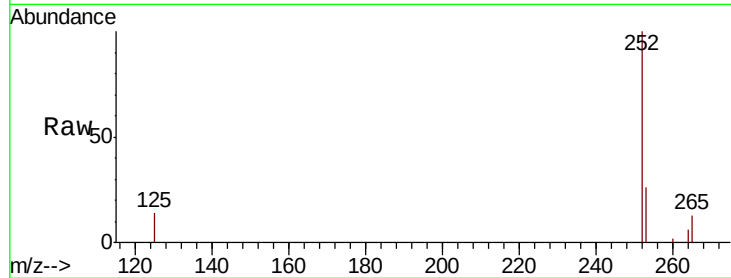
#23
Benzo(a)pyrene
Concen: 1.818 ng/ul
RT: 24.08 min Scan# 6141
Delta R.T. -0.00 min
Lab File: BM027888.D
Acq: 21 Nov 2020 19:19

Instrument :
BNA_M
ClientSampled :
C0B01

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.7	25.2	37.8
125	14.2	13.8	20.6

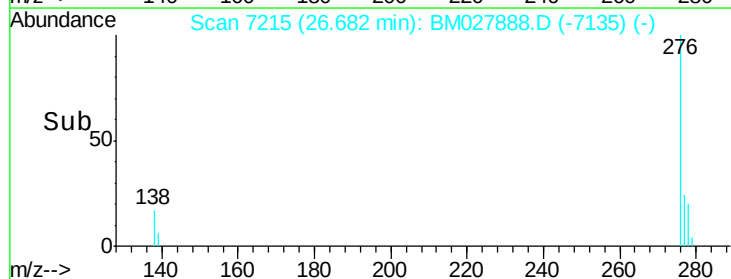
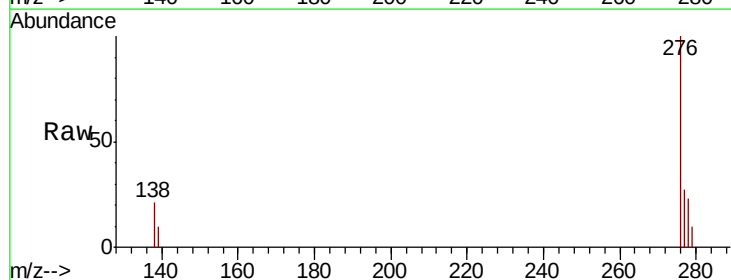
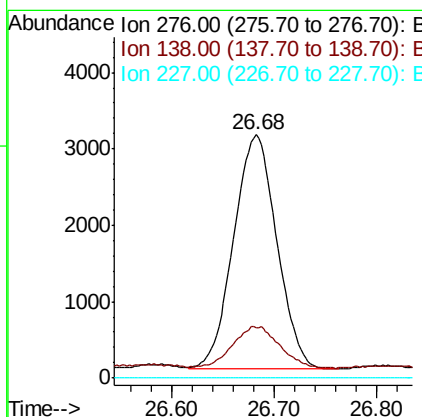
Manual Integrations
APPROVED

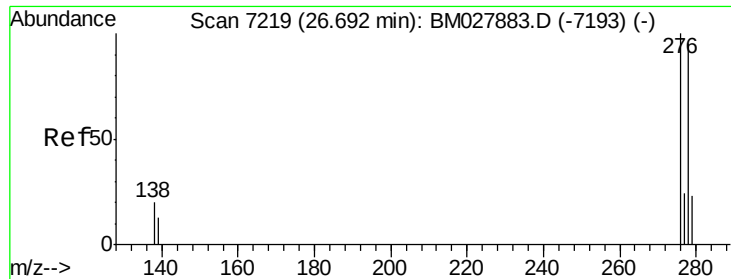
mohammad
11/24/2020 8:58:59 AM



#24
Indeno(1,2,3-cd)pyrene
Concen: 1.110 ng/ul
RT: 26.68 min Scan# 7215
Delta R.T. -0.00 min
Lab File: BM027888.D
Acq: 21 Nov 2020 19:19

Tgt Ion	Ratio	Lower	Upper
276	100		
138	19.4	15.7	23.5
227	0.0	0.0	0.0





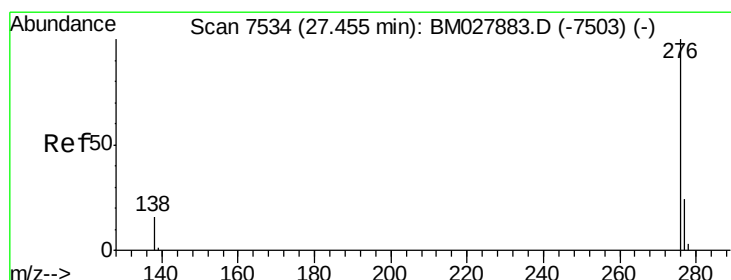
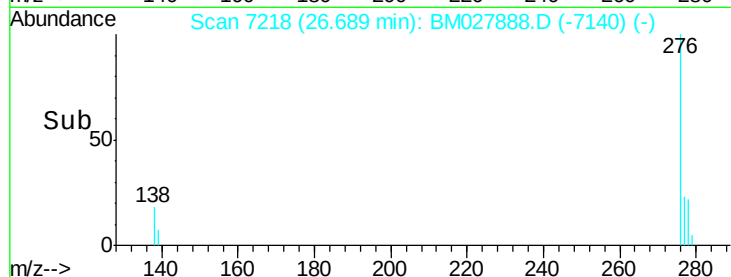
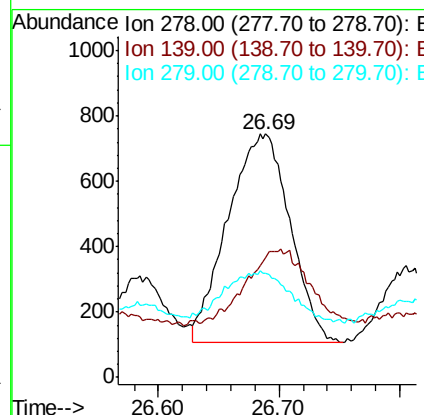
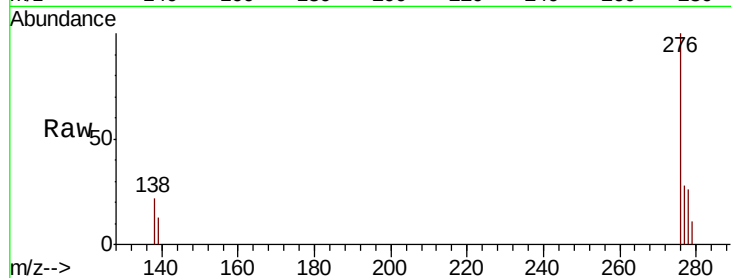
#25
Dibenzo(a,h)anthracene
Concen: 0.339 ng/ul
RT: 26.69 min Scan# 7218
Delta R.T. -0.01 min
Lab File: BM027888.D
Acq: 21 Nov 2020 19:19

Instrument :
BNA_M
ClientSampleId :
C0B01

Tot Ion	Ratio	Lower	Upper
278	100		
139	49.3	14.8	22.2#
279	43.0	25.8	38.6#

Manual Integrations
APPROVED

mohammad
11/24/2020 8:58:59 AM



#26
Benzo(g,h,i)perylene
Concen: 1.260 ng/ul
RT: 27.46 min Scan# 7535
Delta R.T. -0.00 min
Lab File: BM027888.D
Acq: 21 Nov 2020 19:19

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.9	17.4	26.2
277	26.9	22.5	33.7

