

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112020\
 Data File : BM027897.D
 Acq On : 22 Nov 2020 00:47
 Operator : JU/CG
 Sample : L4711-12
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0B58

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

Quant Time: Nov 23 05:37:45 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	1087	0.40	ng/ul	0.00
2) Naphthalene-d8	11.17	136	4353	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.95	164	2611	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.66	188	4774m	0.40	ng/ul	0.00
16) Chrysene-d12	21.76	240	2765	0.40	ng/ul	0.00
20) Perylene-d12	24.18	264	2539	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.73	152	1475	0.20	ng/ul	0.00
14) Fluoranthene-d10	19.65	212	2739	0.21	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	11.22	128	914	0.070	ng/ul#	86
5) 2-Methylnaphthalene	12.80	142	545	0.061	ng/ul	97
7) Acenaphthylene	14.68	152	1065	0.084	ng/ul#	87
8) Acenaphthene	15.01	153	578	0.061	ng/ul	96
9) Fluorene	15.98	166	1477	0.133	ng/ul#	96
12) Phenanthrene	17.70	178	113380	7.518	ng/ul	97
13) Anthracene	17.79	178	18858	1.296	ng/ul	99
15) Fluoranthene	19.68	202	429009	25.656	ng/ul	100
17) Pyrene	20.04	202	327336	23.310	ng/ul	100
18) Benzo(a)anthracene	21.75	228	155436	13.933	ng/ul	100
19) Chrysene	21.80	228	184366	16.967	ng/ul	99
21) Benzo(b)fluoranthene	23.45	252	198157m	18.571	ng/ul	
22) Benzo(k)fluoranthene	23.49	252	73455m	7.030	ng/ul	
23) Benzo(a)pyrene	24.08	252	120161	12.880	ng/ul#	83
24) Indeno(1,2,3-cd)pyrene	26.68	276	85728	8.487	ng/ul#	95
25) Dibenzo(a,h)anthracene	26.69	278	22032m	2.619	ng/ul	
26) Benzo(a,h,i)perylene	27.46	276	82835	9.774	ng/ul#	92

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

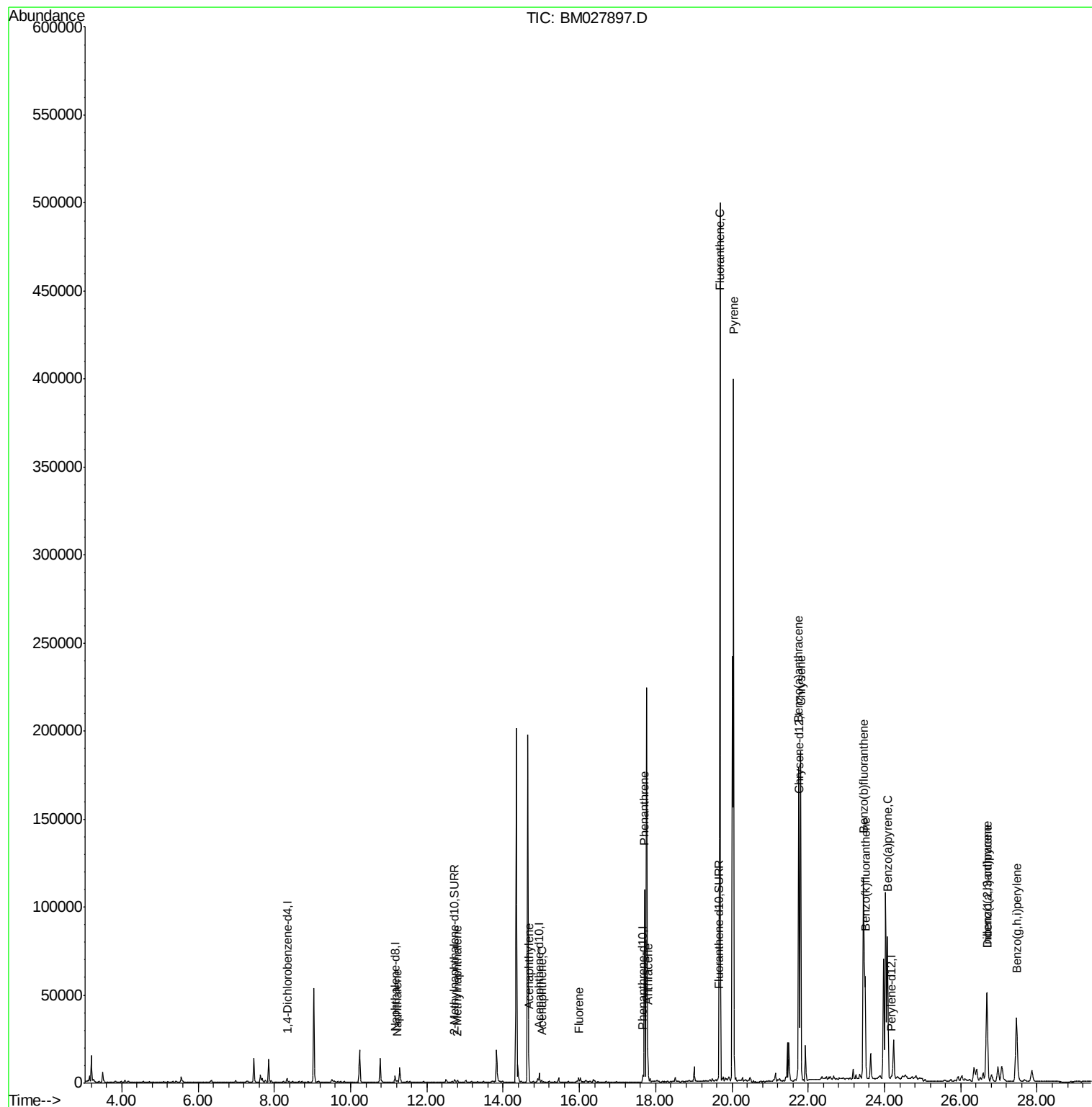
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112020\
Data File : BM027897.D
Acq On : 22 Nov 2020 00:47
Operator : JU/CG
Sample : L4711-12
Misc :
ALS Vial : 51 Sample Multiplier: 1

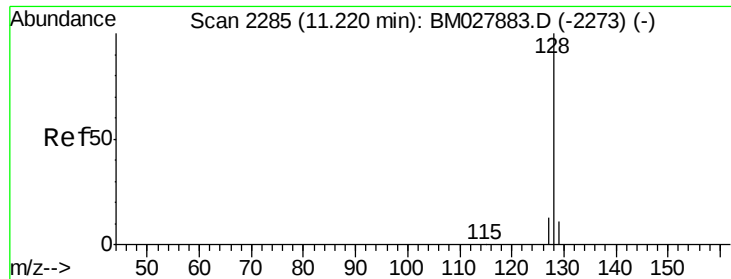
Instrument :
BNA_M
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Quant Time: Nov 23 05:37:45 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM112020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 23 04:04:52 2020
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.070 ng/ul

RT: 11.22 min Scan# 2285

Delta R.T. 0.00 min

Lab File: BM027897.D

Acq: 22 Nov 2020 00:47

Instrument :

BNA_M

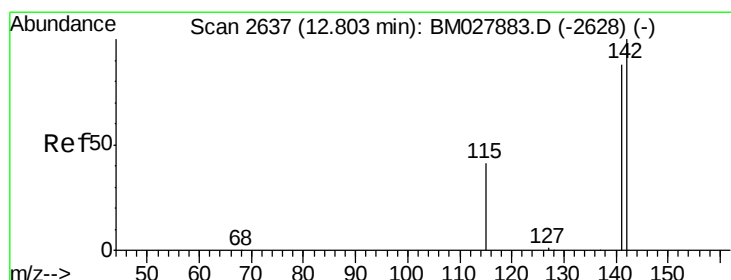
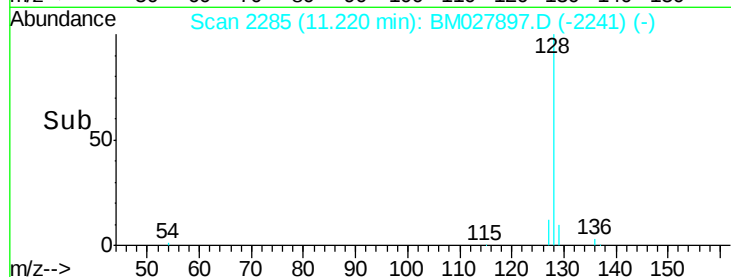
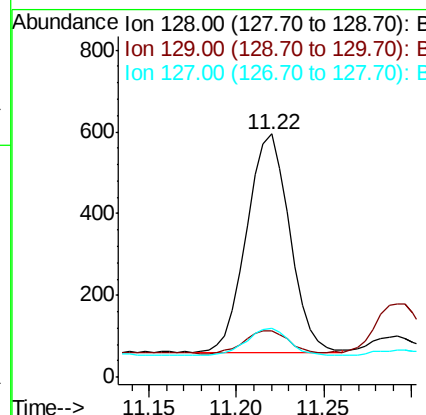
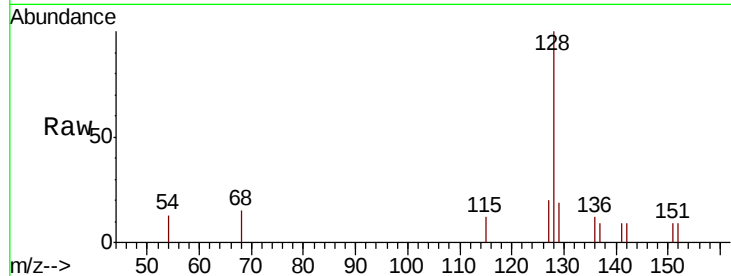
ClientSampleId :

C0B58

Tot Ion:	128	Resp:	914
Ion Ratio	Lower	Upper	
128	100		
129	19.2	10.4	15.6#
127	20.0	12.0	18.0#

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#5

2-Methylnaphthalene

Concen: 0.061 ng/ul

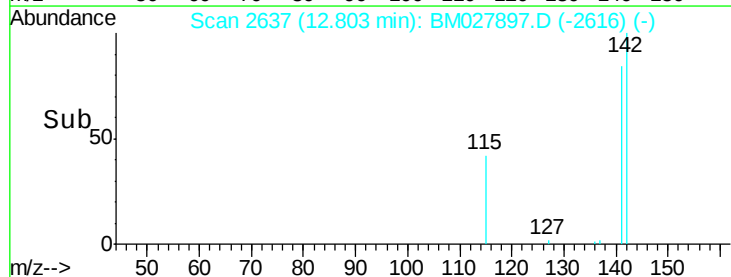
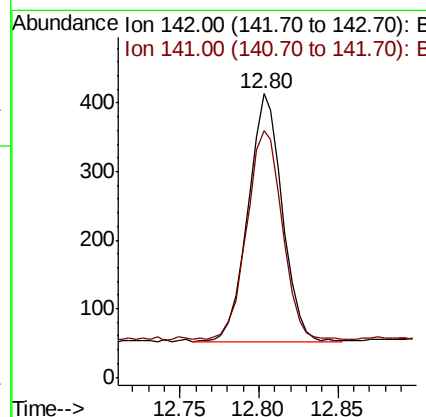
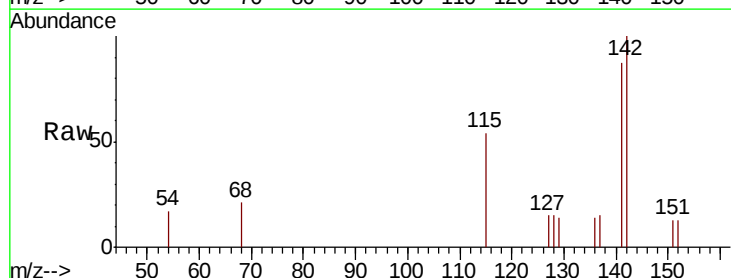
RT: 12.80 min Scan# 2637

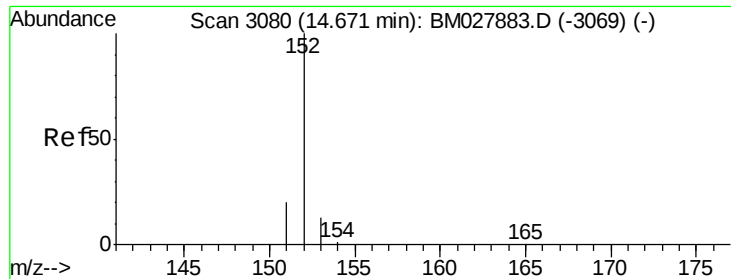
Delta R.T. -0.00 min

Lab File: BM027897.D

Acq: 22 Nov 2020 00:47

Tgt Ion:	142	Resp:	545
Ion Ratio	Lower	Upper	
142	100		
141	86.2	71.6	107.4





#7

Acenaphthylene

Concen: 0.084 ng/ul

RT: 14.68 min Scan# 3081

Delta R.T. 0.00 min

Lab File: BM027897.D

Acq: 22 Nov 2020 00:47

Instrument :

BNA_M

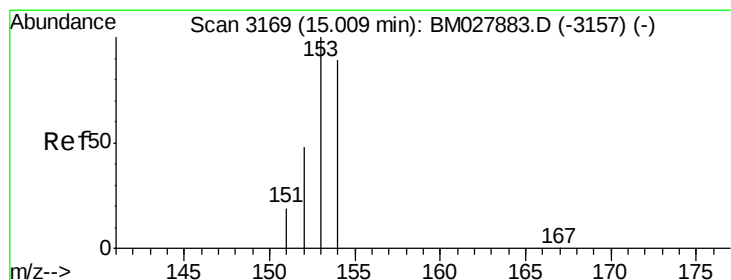
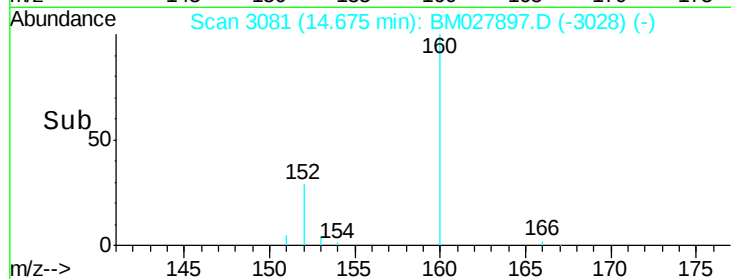
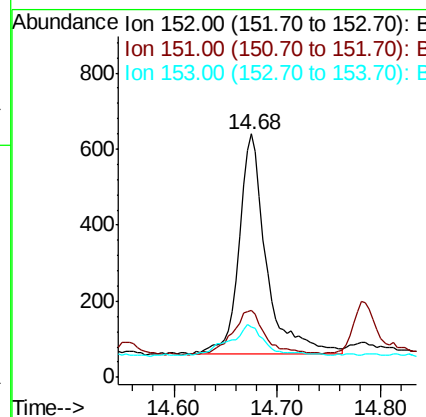
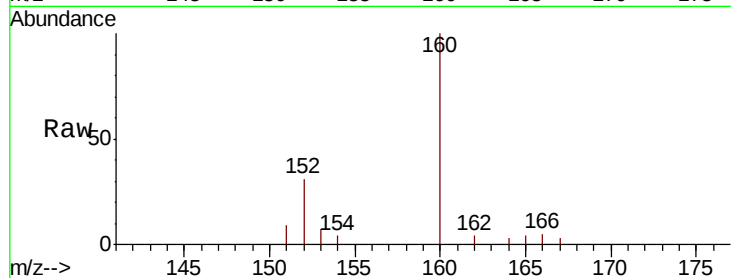
ClientSampleId :

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Tot Ion:	152	Resp:	1065
Ion Ratio	Lower	Upper	
152	100		
151	27.5	17.1	25.7#
153	20.9	12.0	18.0#

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#8

Acenaphthene

Concen: 0.061 ng/ul

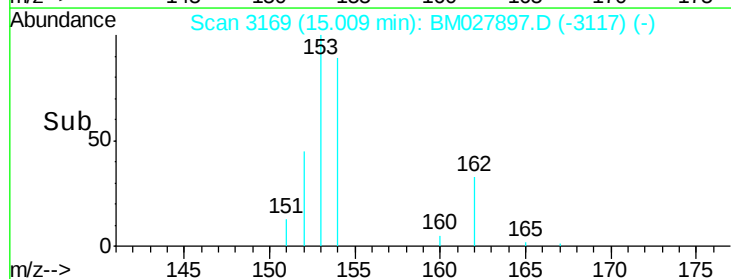
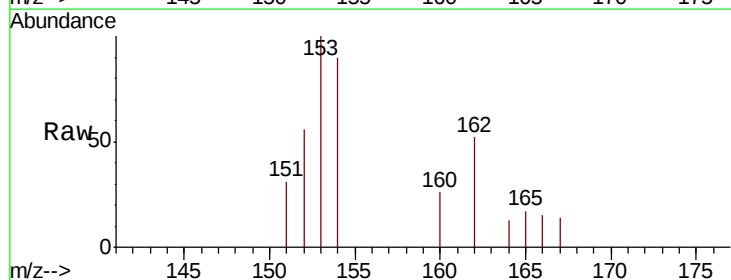
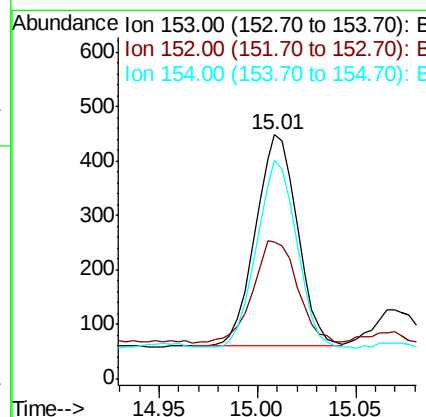
RT: 15.01 min Scan# 3169

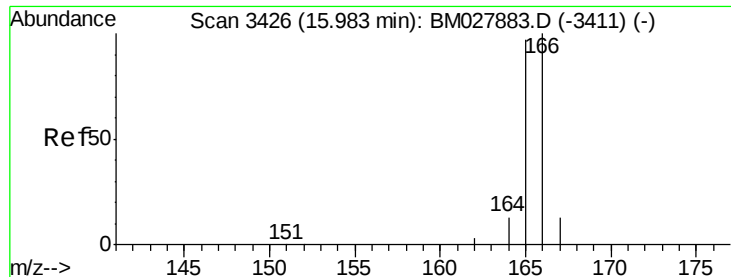
Delta R.T. -0.00 min

Lab File: BM027897.D

Acq: 22 Nov 2020 00:47

Tgt Ion:	153	Resp:	578
Ion Ratio	Lower	Upper	
153	100		
152	56.0	39.0	58.6
154	89.5	71.6	107.4





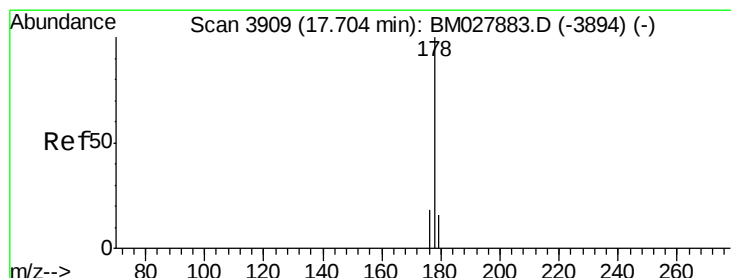
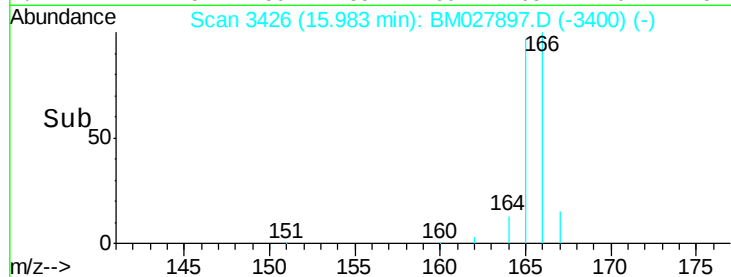
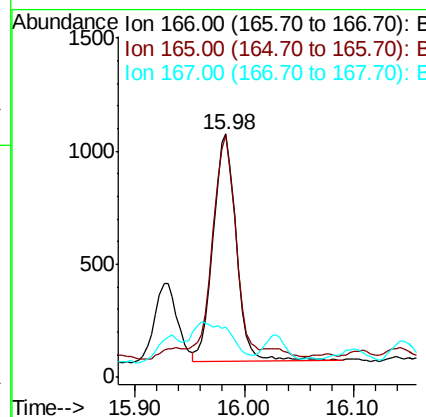
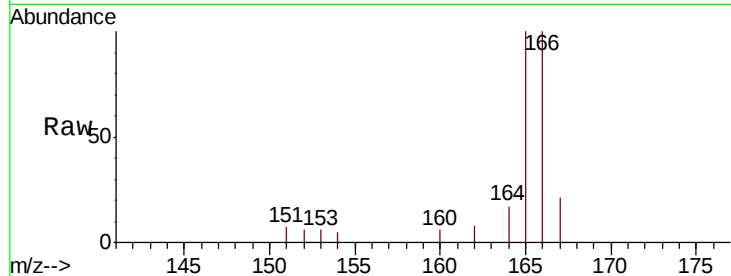
#9
Fluorene
 Concen: 0.133 ng/ul
 RT: 15.98 min Scan# 3426
 Delta R.T. 0.00 min
 Lab File: BM027897.D
 Acq: 22 Nov 2020 00:47

Instrument :
 BNA_M
 ClientSampled :
 C0B58

Tot Ion	Ratio	Lower	Upper
166	100		
165	99.5	78.1	117.1
167	20.9	11.8	17.8

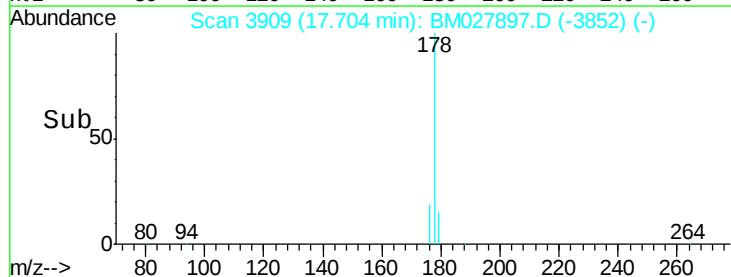
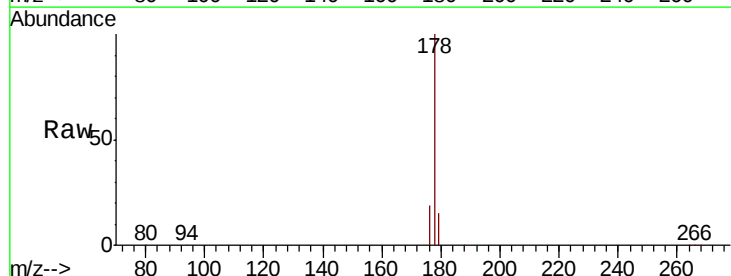
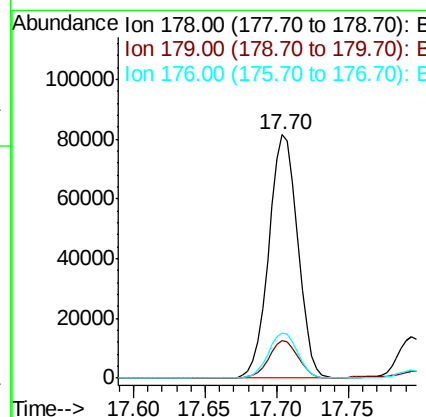
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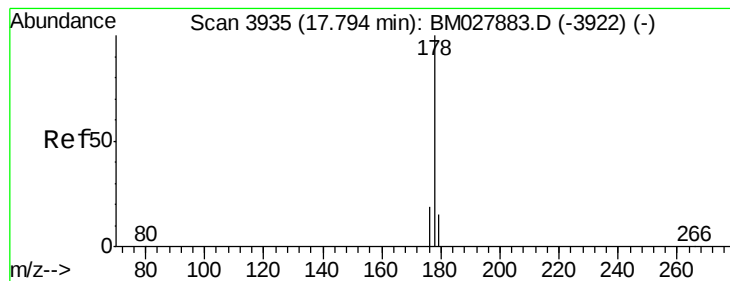
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#12
Phenanthrene
 Concen: 7.518 ng/ul
 RT: 17.70 min Scan# 3909
 Delta R.T. -0.00 min
 Lab File: BM027897.D
 Acq: 22 Nov 2020 00:47

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.4	13.6	20.4
176	18.8	16.1	24.1





#13

Anthracene

Concen: 1.296 ng/ul

RT: 17.79 min Scan# 3935

Delta R.T. 0.00 min

Lab File: BM027897.D

Acq: 22 Nov 2020 00:47

Instrument :

BNA_M

ClientSampleId :

C0B58

Tot Ion:178 Resp: 18858

Ion Ratio Lower Upper

178 100

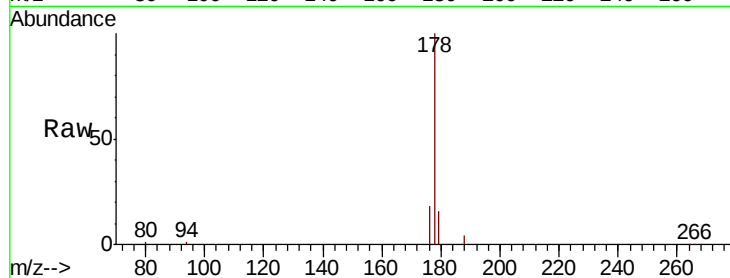
179 16.1 13.4 20.2

176 18.4 15.0 22.6

Manual Integrations
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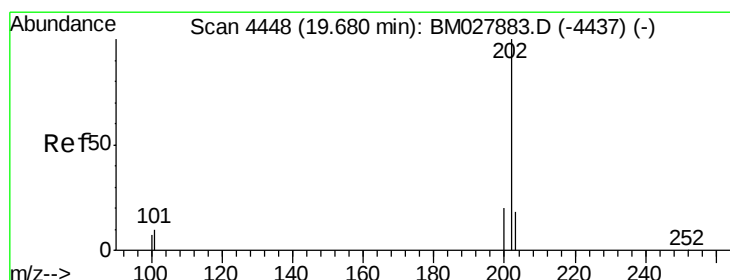
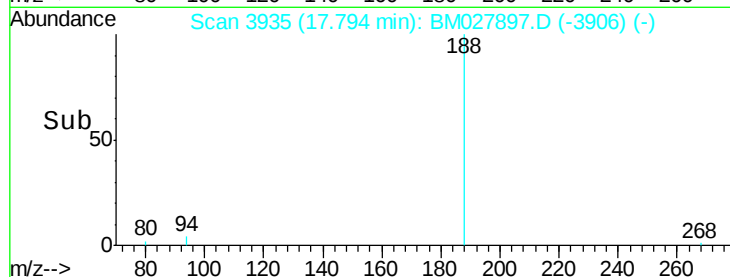
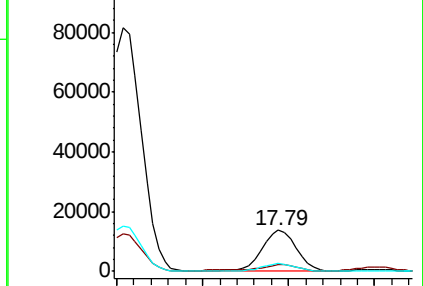
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#15

Fluoranthene

Concen: 25.656 ng/ul

RT: 19.68 min Scan# 4449

Delta R.T. 0.00 min

Lab File: BM027897.D

Acq: 22 Nov 2020 00:47

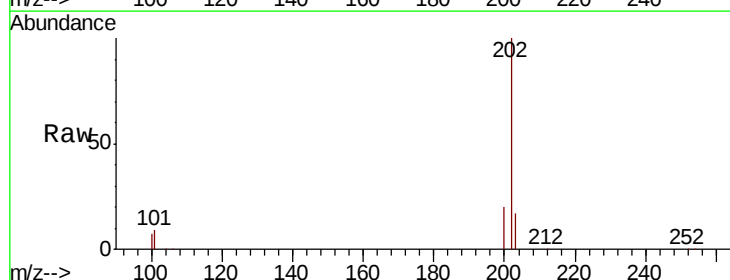
Tgt Ion:202 Resp: 429009

Ion Ratio Lower Upper

202 100

101 9.2 0.0 29.3

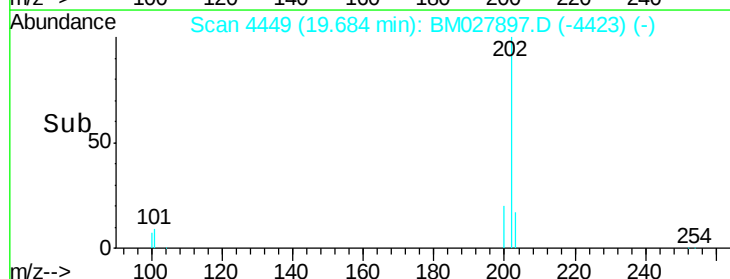
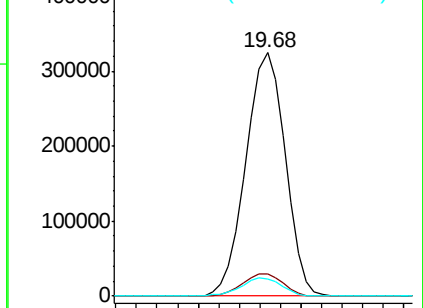
100 7.2 0.0 27.4

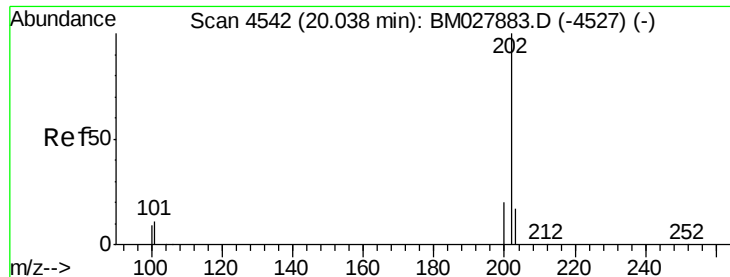


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





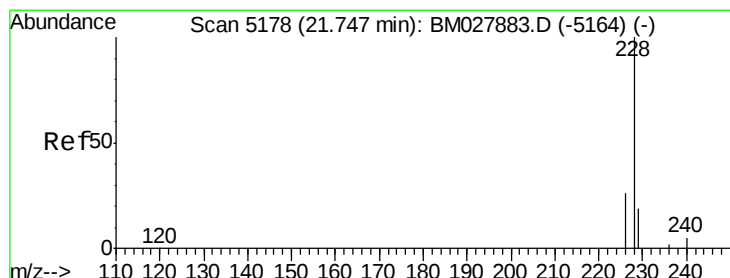
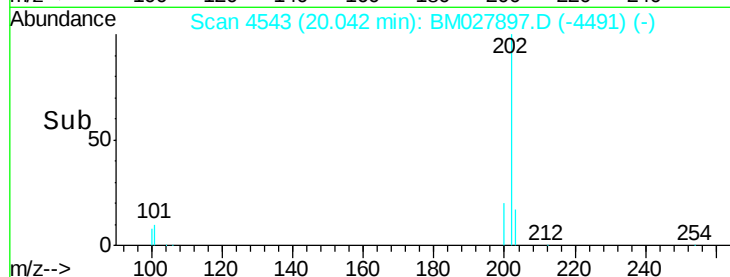
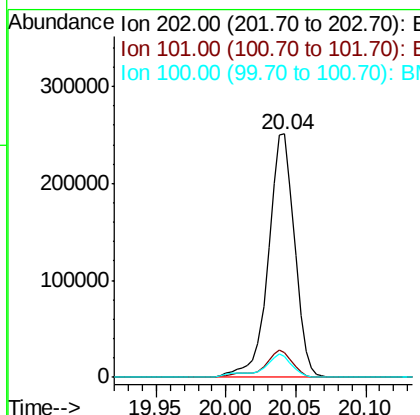
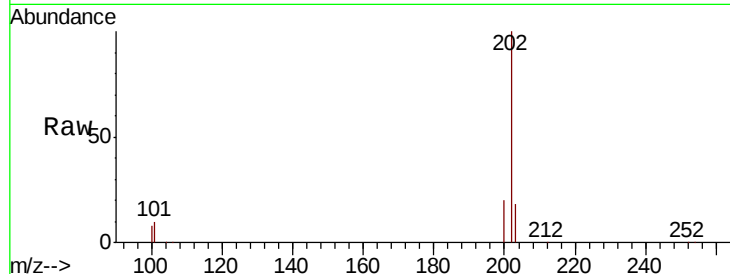
#17
Pvrene
Concen: 23.310 ng/ul
RT: 20.04 min Scan# 4543
Delta R.T. 0.00 min
Lab File: BM027897.D
Acq: 22 Nov 2020 00:47

Instrument :
BNA_M
ClientSampleId :
C0B58

Tot Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	10.1	8.2	12.2
100	8.3	6.9	10.3

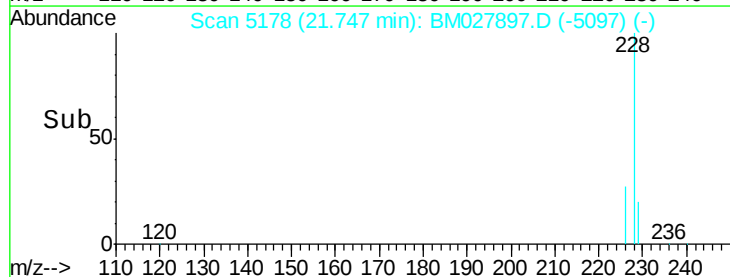
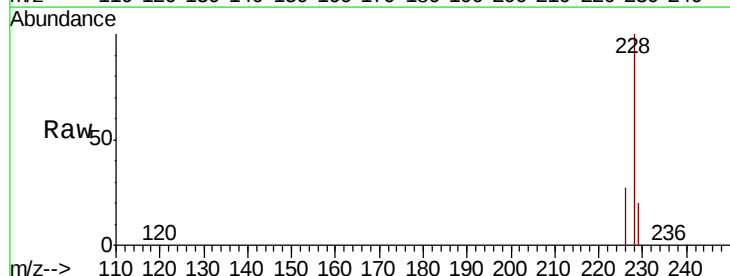
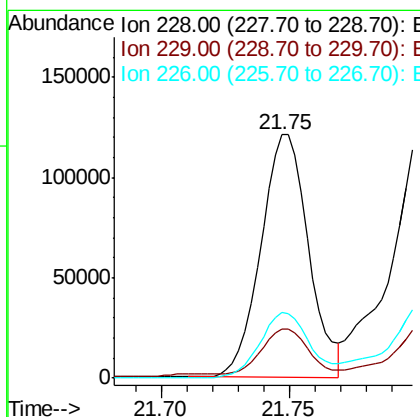
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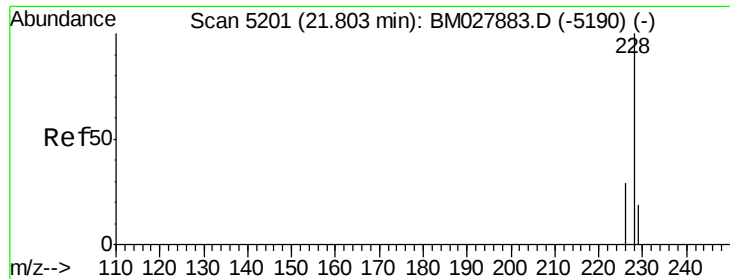
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#18
Benzo(a)anthracene
Concen: 13.933 ng/ul
RT: 21.75 min Scan# 5178
Delta R.T. -0.00 min
Lab File: BM027897.D
Acq: 22 Nov 2020 00:47

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	20.1	16.2	24.4
226	26.9	21.5	32.3





#19

Chrysene

Concen: 16.967 ng/ul

RT: 21.80 min Scan# 5200

Delta R.T. -0.01 min

Lab File: BM027897.D

Acq: 22 Nov 2020 00:47

Instrument :

BNA_M

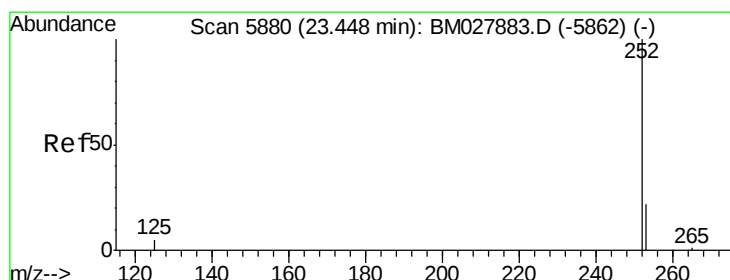
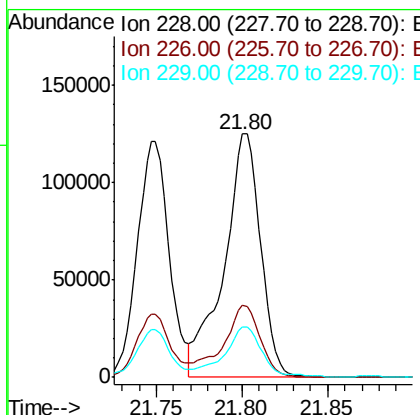
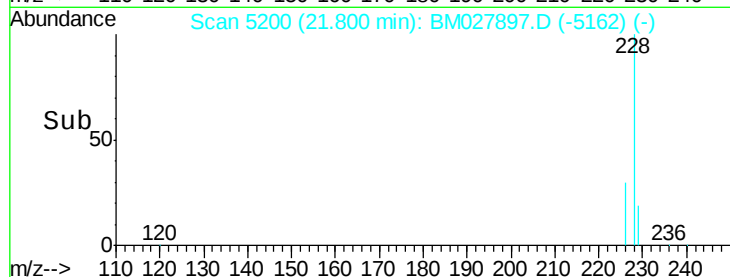
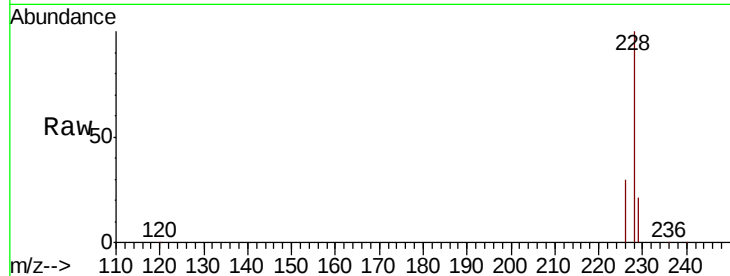
ClientSampleId :

C0B58

Tot Ion:	228	Resp:	184366
Ion Ratio	Lower	Upper	
228	100		
226	29.6	24.1	36.1
229	20.7	16.6	24.8

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#21

Benzo(b)fluoranthene

Concen: 18.571 ng/ul m

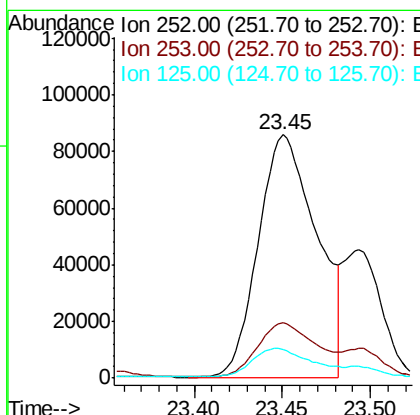
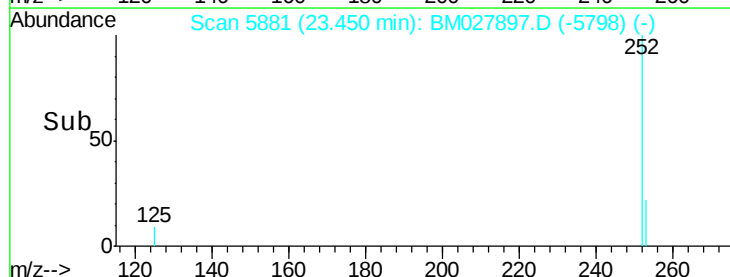
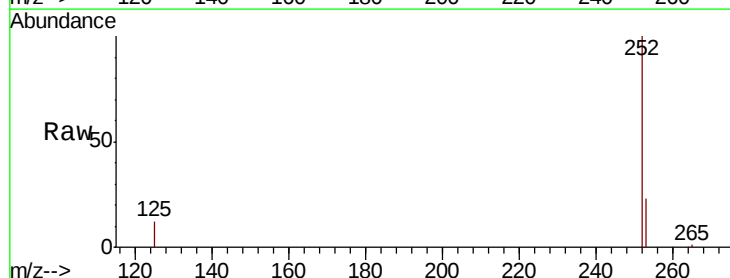
RT: 23.45 min Scan# 5881

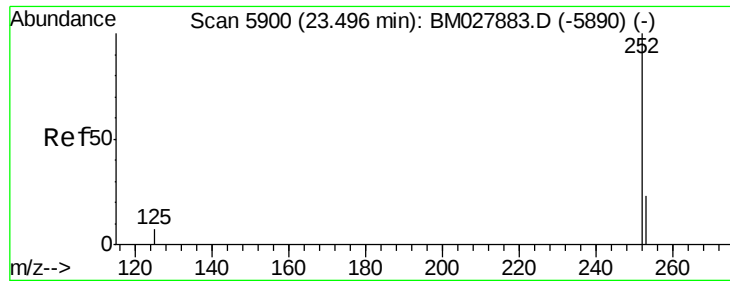
Delta R.T. 0.00 min

Lab File: BM027897.D

Acq: 22 Nov 2020 00:47

Tgt Ion:	252	Resp:	198157
Ion Ratio	Lower	Upper	
252	100		
253	22.7	0.0	59.6
125	11.9	0.0	28.4





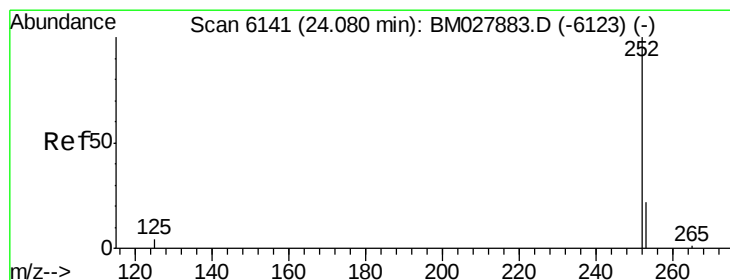
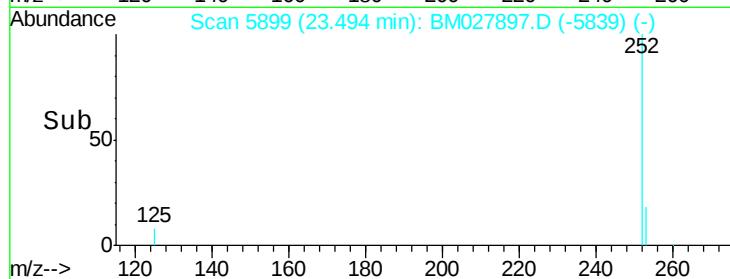
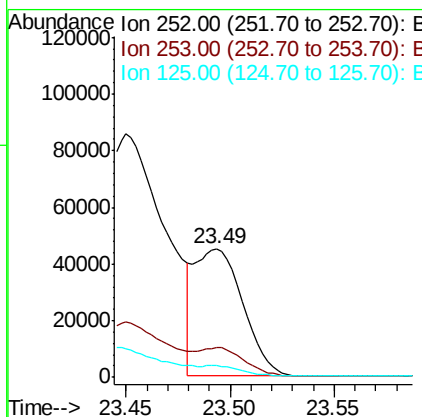
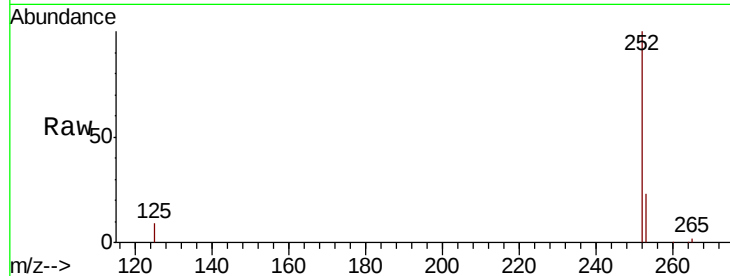
#22
Benzo(k)fluoranthene
Concen: 7.030 ng/ul m
RT: 23.49 min Scan# 5899
Delta R.T. -0.00 min
Lab File: BM027897.D
Acq: 22 Nov 2020 00:47

Instrument :
BNA_M
ClientSampleId :
C0B58

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.1	23.2	34.8#
125	8.8	11.8	17.6#

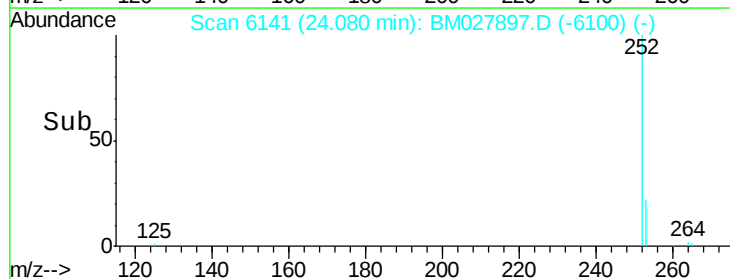
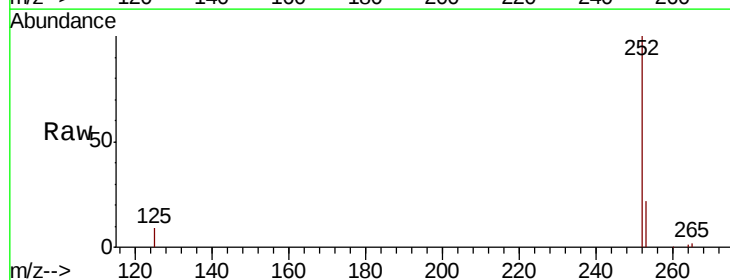
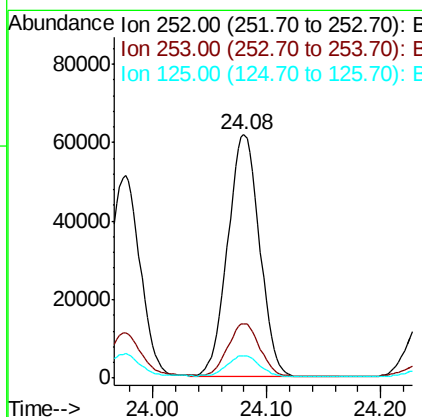
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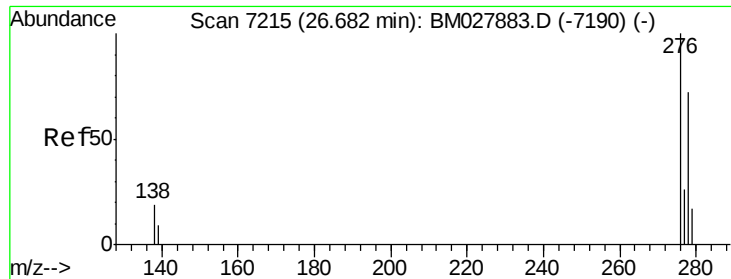
mohammad
11/24/2020 8:59:24 AM



#23
Benzo(a)pyrene
Concen: 12.880 ng/ul
RT: 24.08 min Scan# 6141
Delta R.T. 0.00 min
Lab File: BM027897.D
Acq: 22 Nov 2020 00:47

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	25.2	37.8#
125	9.3	13.8	20.6#





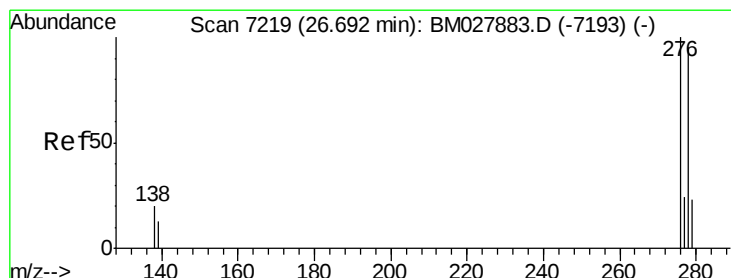
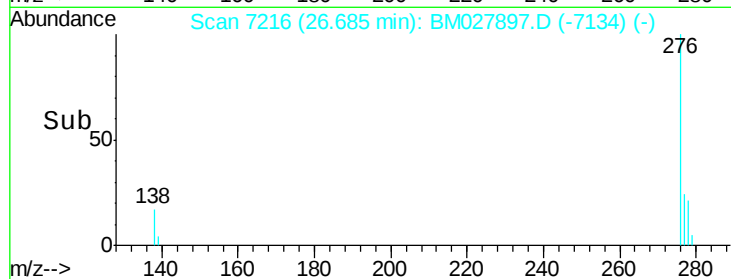
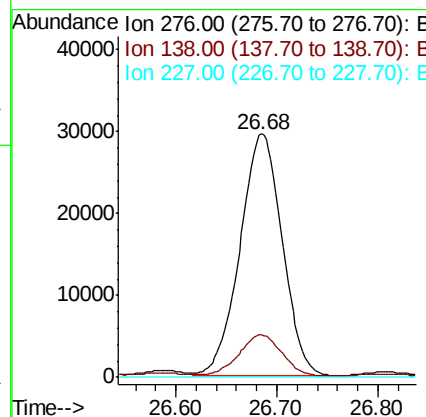
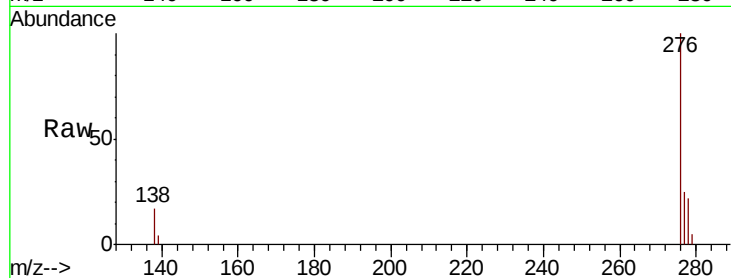
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 8.487 ng/ul
 RT: 26.68 min Scan# 7216
 Delta R.T. -0.00 min
 Lab File: BM027897.D
 Acq: 22 Nov 2020 00:47

Instrument :
 BNA_M
 ClientSampleId :
 C0B58

Tot Ion	Ratio	Lower	Upper
276	100		
138	17.2	15.7	23.5
227	0.0	0.0	0.0

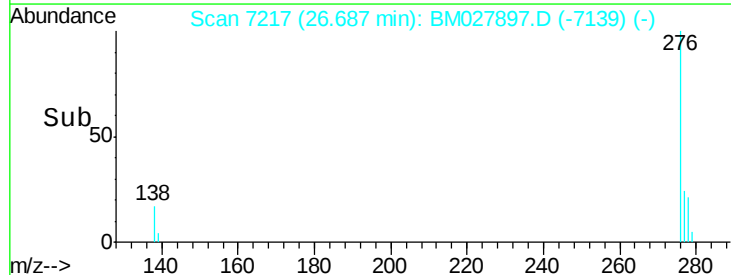
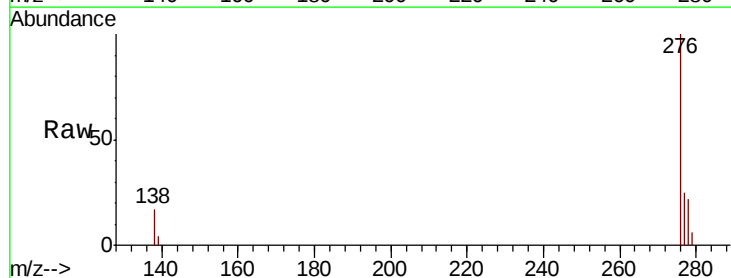
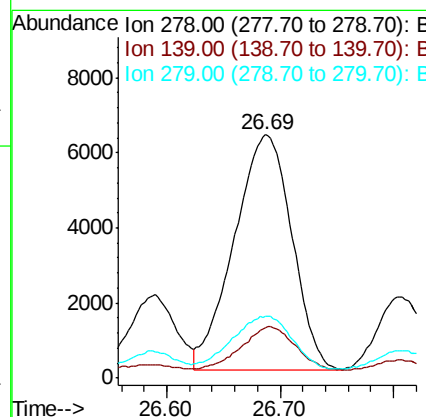
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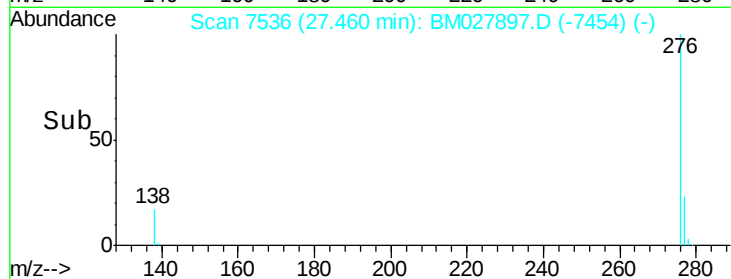
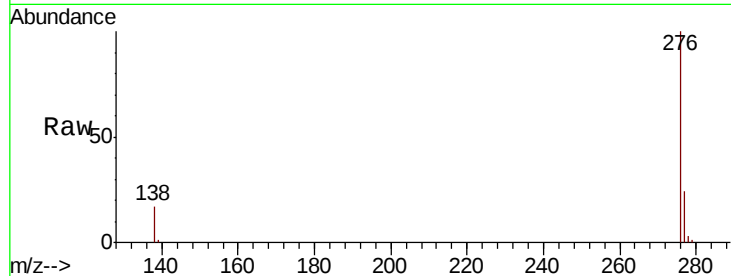
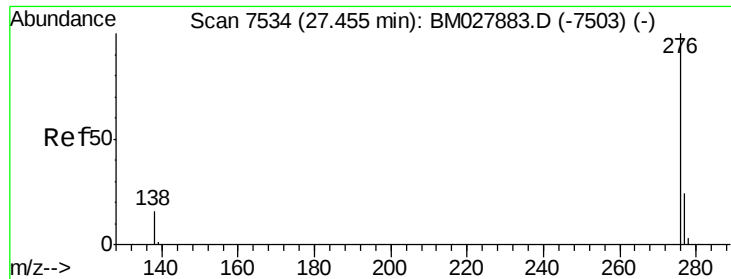
mohammad
 11/24/2020 8:59:24 AM



#25
 Dibenzo(a,h)anthracene
 Concen: 2.619 ng/ul m
 RT: 26.69 min Scan# 7217
 Delta R.T. -0.01 min
 Lab File: BM027897.D
 Acq: 22 Nov 2020 00:47

Tgt Ion	Ratio	Lower	Upper
278	100		
139	20.4	14.8	22.2
279	25.6	25.8	38.6#





#26

Benzo(a,h,i)perylene

Concen: 9.774 ng/ul

RT: 27.46 min Scan# 7536

Delta R.T. -0.00 min

Lab File: BM027897.D

Acq: 22 Nov 2020 00:47

Tot Ion:	276	Resp:	82835
Ion Ratio	Lower	Upper	
276	100		
138	17.3	17.4	26.2#
277	24.1	22.5	33.7

Instrument :

BNA_M

ClientSampleId :

C0B58

Manual Integrations
APPROVED

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

