

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112020\
 Data File : BM027880.D
 Acq On : 21 Nov 2020 14:21
 Operator : JU/CG
 Sample : L4854-01DL 10X
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AD0DL

Manual Integrations
 APPROVED

mohammad
 11/24/2020 8:58:39 AM

Quant Time: Nov 23 09:14:30 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 : Fri Nov 20 17:20:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.33	152	1084	0.40	ng/ul	0.00
2) Naphthalene-d8	11.17	136	4389	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.95	164	2719	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.66	188	5218	0.40	ng/ul	0.00
16) Chrysene-d12	21.77	240	3276	0.40	ng/ul	0.00
20) Perylene-d12	24.19	264	2696	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.73	152	215	0.03	ng/ul	0.00
14) Fluoranthene-d10	19.65	212	319	0.02	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	11.22	128	8664	0.659	ng/ul#	96
5) 2-Methylnaphthalene	12.81	142	23273	2.601	ng/ul	99
7) Acenaphthylene	14.67	152	2132	0.161	ng/ul#	1
8) Acenaphthene	15.01	153	5560	0.559	ng/ul#	85
9) Fluorene	15.98	166	7742	0.671	ng/ul#	90
12) Phenanthrene	17.71	178	75578	4.585	ng/ul	98
13) Anthracene	17.80	178	7807m	0.491	ng/ul	
15) Fluoranthene	19.68	202	11837	0.648	ng/ul	91
17) Pyrene	20.04	202	68811	4.136	ng/ul	97
18) Benzo(a)anthracene	21.75	228	5896	0.446	ng/ul#	20
19) Chrysene	21.81	228	7741	0.601	ng/ul#	56
21) Benzo(b)fluoranthene	23.45	252	2927m	0.258	ng/ul	
22) Benzo(k)fluoranthene	23.49	252	491m	0.044	ng/ul	
23) Benzo(a)pyrene	24.08	252	2368	0.239	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	26.68	276	1149	0.107	ng/ul#	57
25) Dibenzo(a,h)anthracene	26.68	278	604	0.068	ng/ul#	1
26) Benzo(a,h,i)perylene	27.46	276	2036	0.226	ng/ul#	47

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

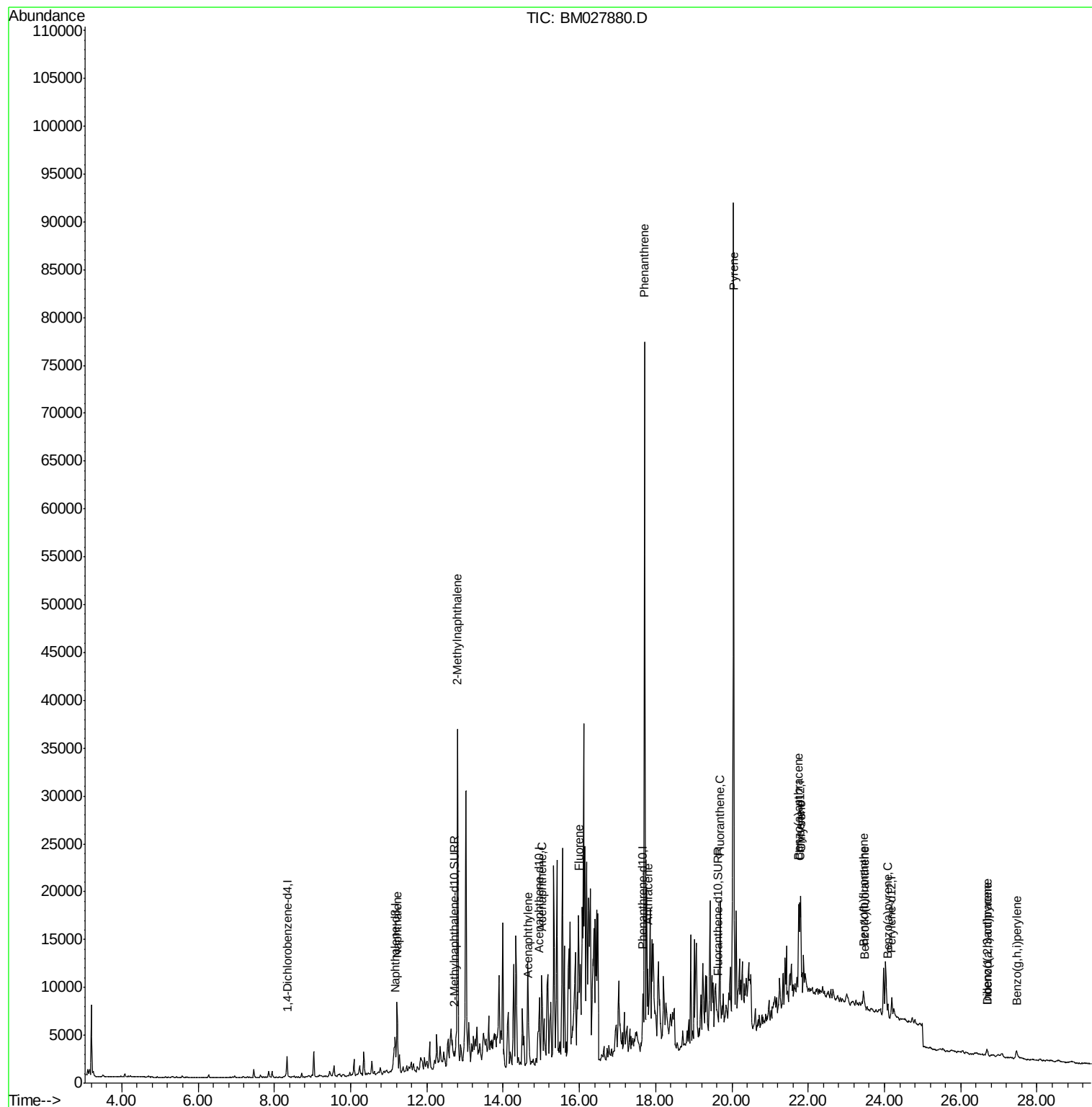
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112020\
Data File : BM027880.D
Acq On : 21 Nov 2020 14:21
Operator : JU/CG
Sample : L4854-01DL 10X
Misc :
ALS Vial : 34 Sample Multiplier: 1

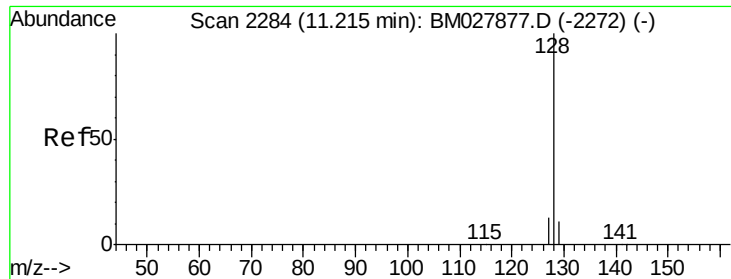
Instrument :
BNA_M
ClientSampleId :
C0AD0DL

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Quant Time: Nov 23 09:14:30 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM112020.M
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QLast Update : Fri Nov 20 17:20:22 2020
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#3

Naphthalene

Concen: 0.659 ng/ul

RT: 11.22 min Scan# 2285

Delta R.T. -0.00 min

Lab File: BM027880.D

Acq: 21 Nov 2020 14:21

Instrument :

BNA_M

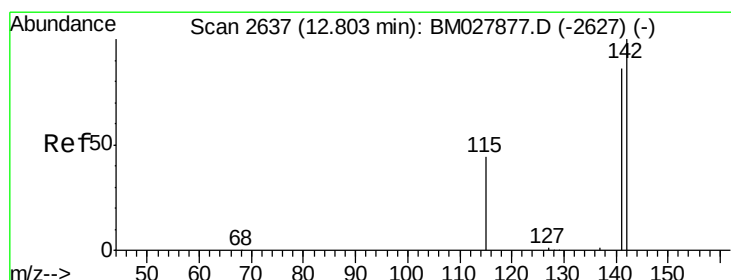
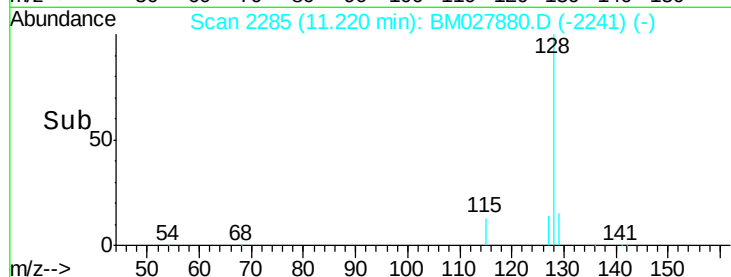
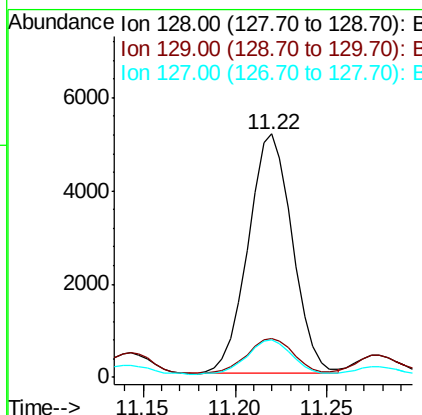
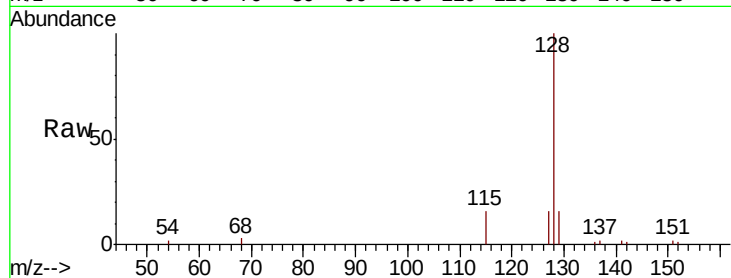
ClientSampleId :

C0AD0DL

Tot Ion	Ratio	Lower	Upper
128	100		
129	15.9	10.4	15.6#
127	15.6	12.0	18.0

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#5

2-Methylnaphthalene

Concen: 2.601 ng/ul

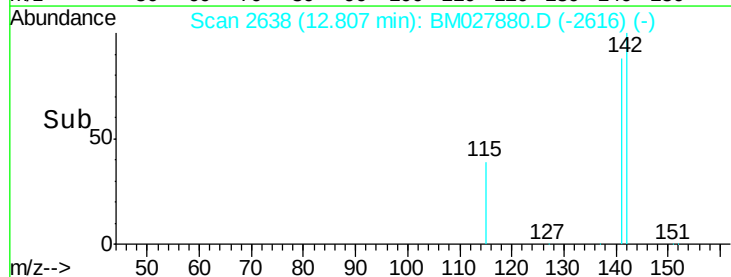
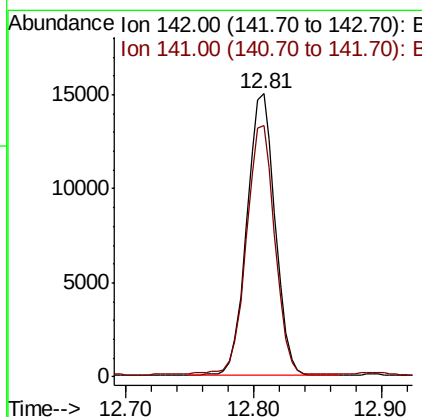
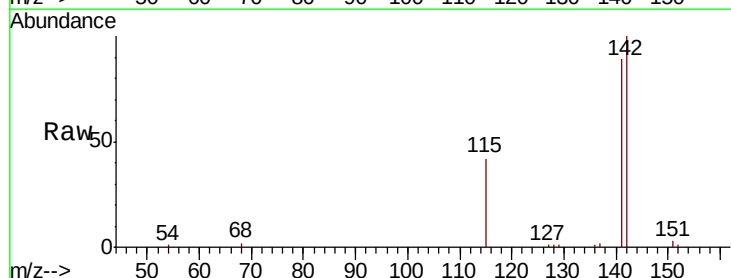
RT: 12.81 min Scan# 2638

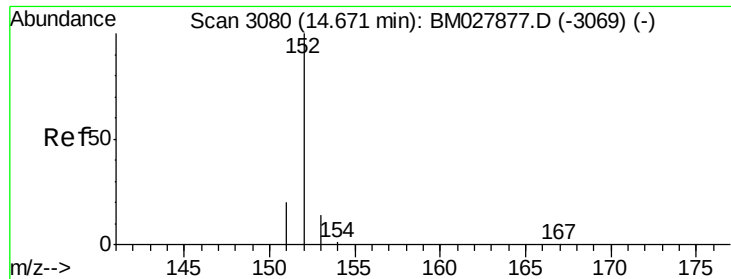
Delta R.T. -0.00 min

Lab File: BM027880.D

Acq: 21 Nov 2020 14:21

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.0	71.6	107.4





#7

Acenaphthylene

Concen: 0.161 ng/ul

RT: 14.67 min Scan# 3080

Delta R.T. -0.00 min

Lab File: BM027880.D

Acq: 21 Nov 2020 14:21

Instrument :

BNA_M

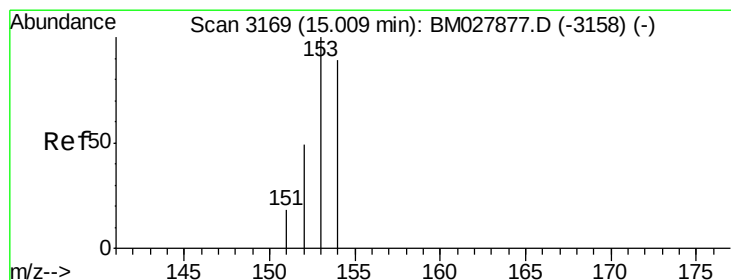
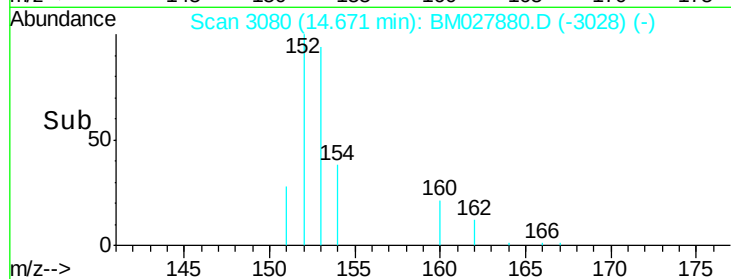
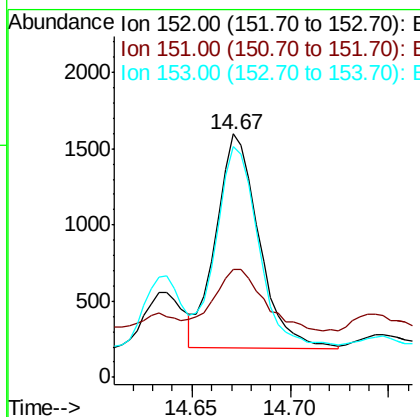
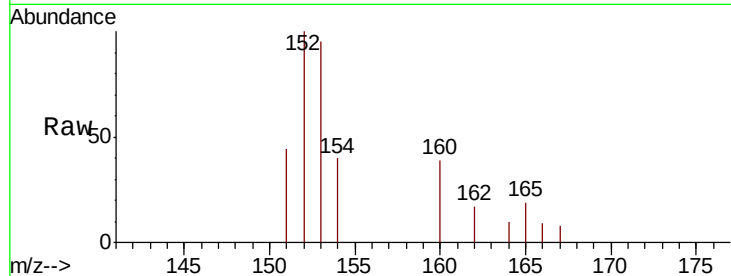
ClientSampleId :

C0AD0DL

Tot Ion:	152	Resp:	2132
Ion Ratio	Lower	Upper	
152	100		
151	44.5	17.1	25.7#
153	94.7	12.0	18.0#

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#8

Acenaphthene

Concen: 0.559 ng/ul

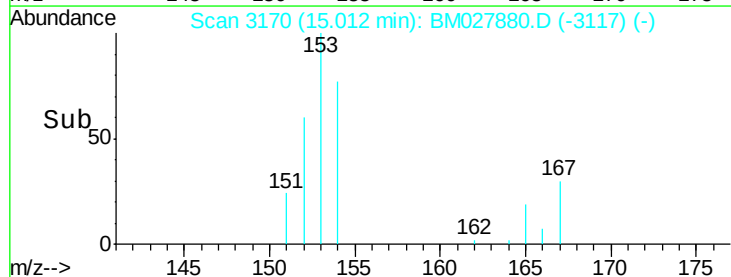
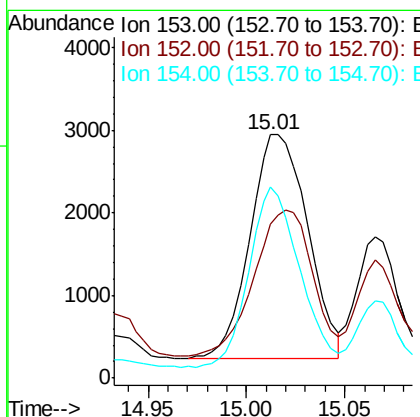
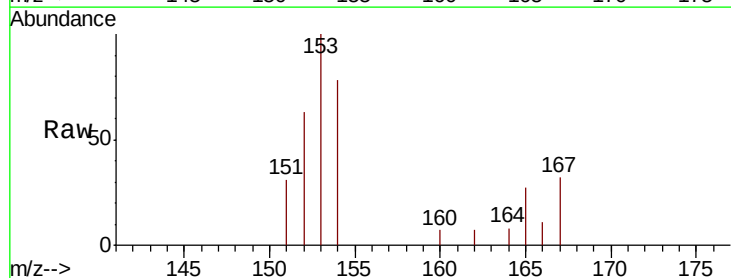
RT: 15.01 min Scan# 3170

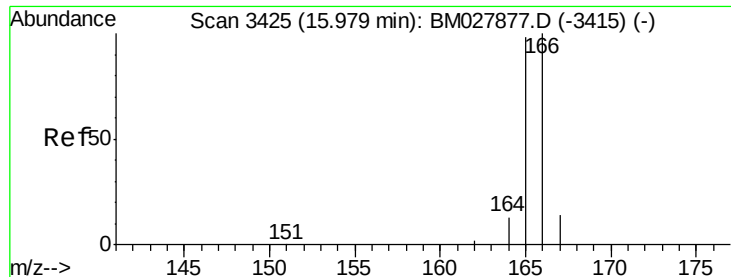
Delta R.T. -0.00 min

Lab File: BM027880.D

Acq: 21 Nov 2020 14:21

Tgt Ion:	153	Resp:	5560
Ion Ratio	Lower	Upper	
153	100		
152	63.2	39.0	58.6#
154	78.4	71.6	107.4





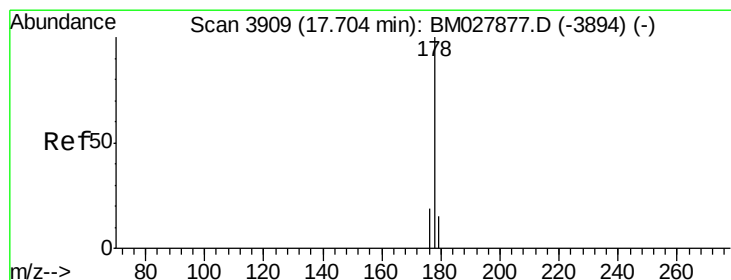
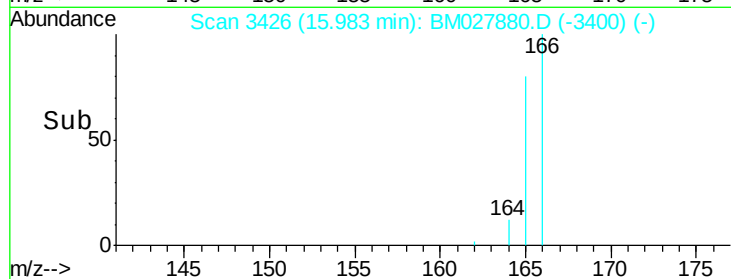
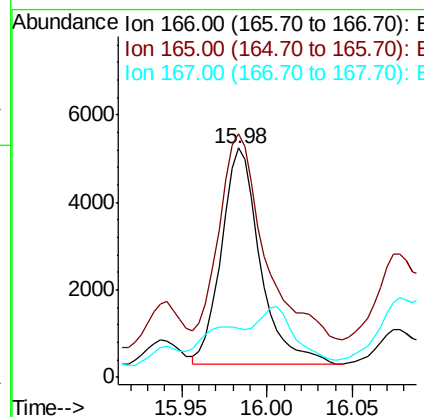
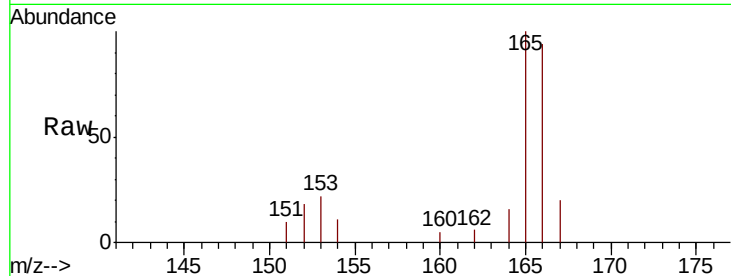
#9
Fluorene
 Concen: 0.671 ng/ul
 RT: 15.98 min Scan# 3426
 Delta R.T. -0.00 min
 Lab File: BM027880.D
 Acq: 21 Nov 2020 14:21

Instrument :
 BNA_M
 ClientSampleId :
 C0AD0DL

Tot Ion	Ratio	Lower	Upper
166	100		
165	106.2	78.1	117.1
167	21.5	11.8	17.8

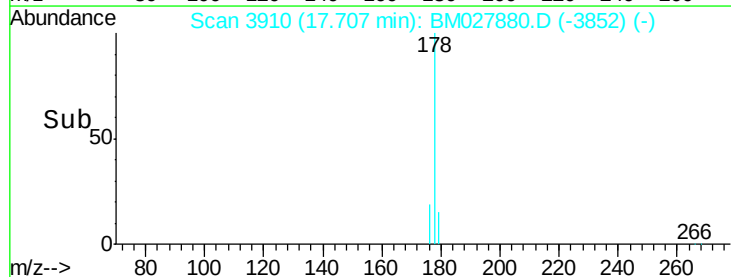
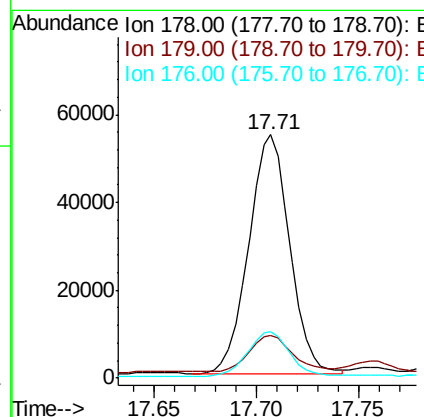
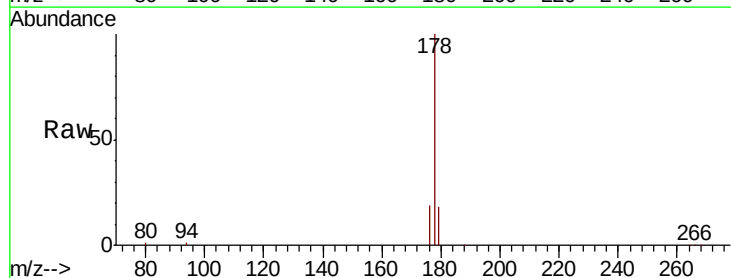
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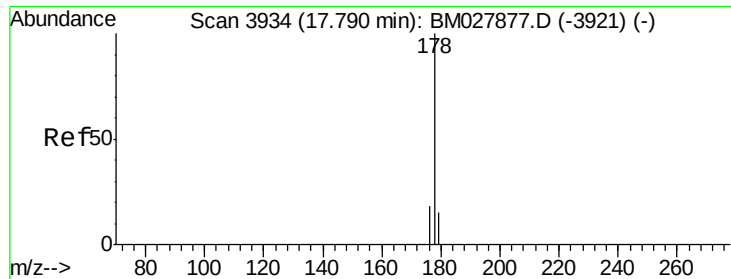
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#12
Phenanthrene
 Concen: 4.585 ng/ul
 RT: 17.71 min Scan# 3910
 Delta R.T. -0.00 min
 Lab File: BM027880.D
 Acq: 21 Nov 2020 14:21

Tgt Ion	Ratio	Lower	Upper
178	100		
179	17.7	13.6	20.4
176	19.2	16.1	24.1





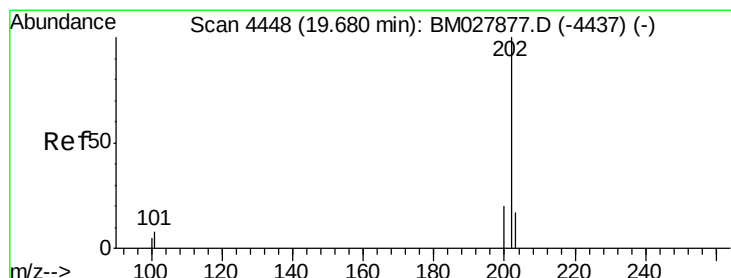
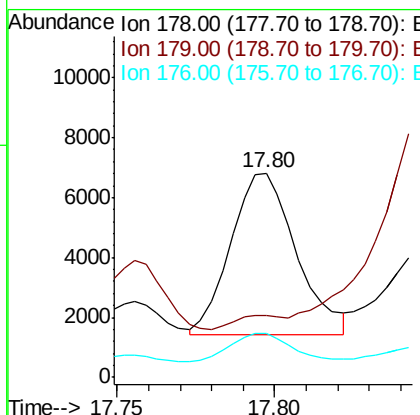
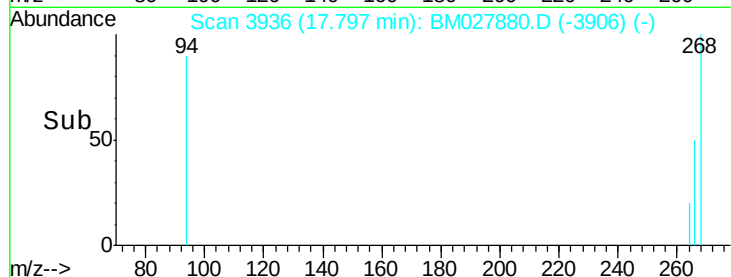
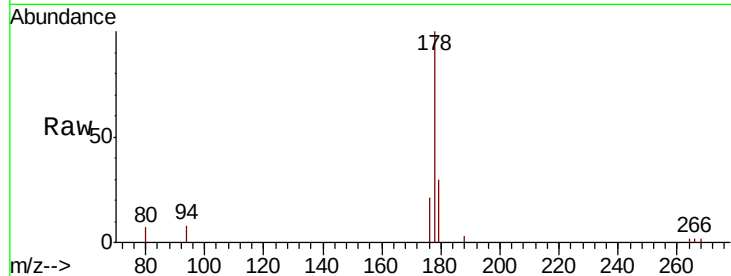
#13
 Anthracene
 Concen: 0.491 ng/ul m
 RT: 17.80 min Scan# 3936
 Delta R.T. 0.00 min
 Lab File: BM027880.D
 Acq: 21 Nov 2020 14:21

Instrument :
 BNA_M
 ClientSampled :
 C0AD0DL

Tot Ion:178 Resp: 7807
 Ion Ratio Lower Upper
 178 100
 179 30.3 13.4 20.2#
 176 21.4 15.0 22.6

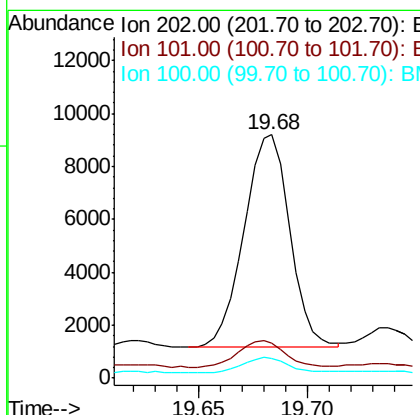
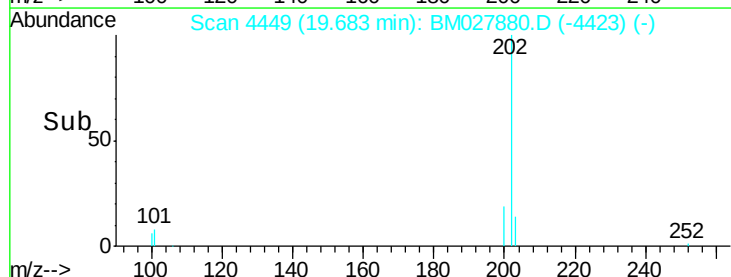
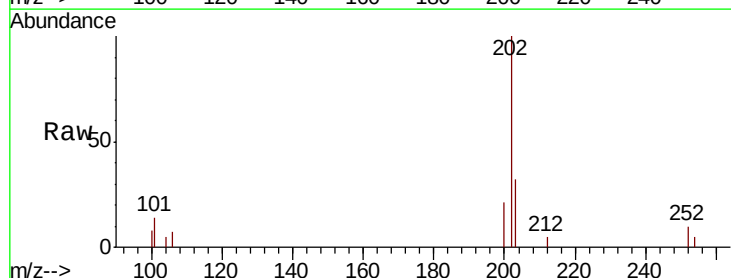
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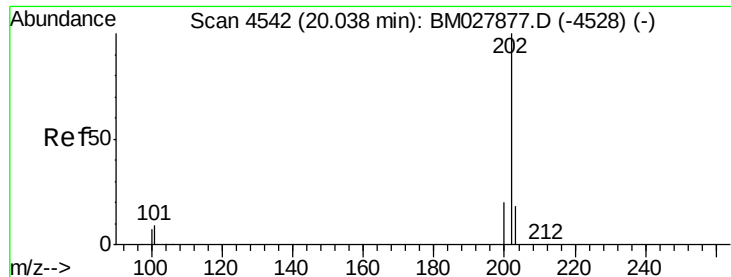
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#15
 Fluoranthene
 Concen: 0.648 ng/ul
 RT: 19.68 min Scan# 4449
 Delta R.T. -0.00 min
 Lab File: BM027880.D
 Acq: 21 Nov 2020 14:21

Tgt Ion:202 Resp: 11837
 Ion Ratio Lower Upper
 202 100
 101 14.3 0.0 29.3
 100 8.3 0.0 27.4





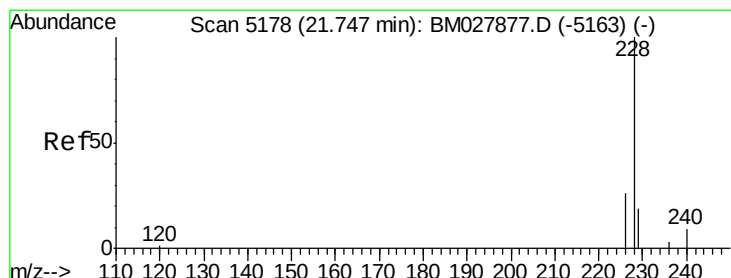
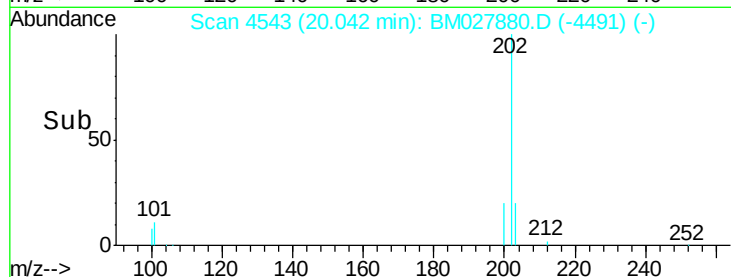
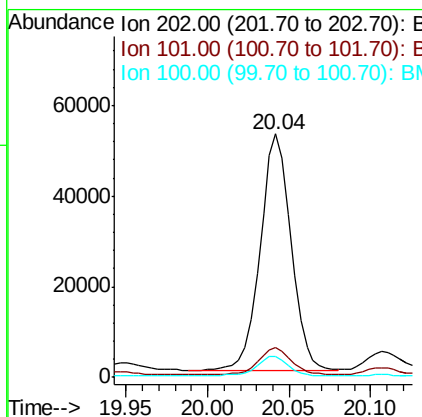
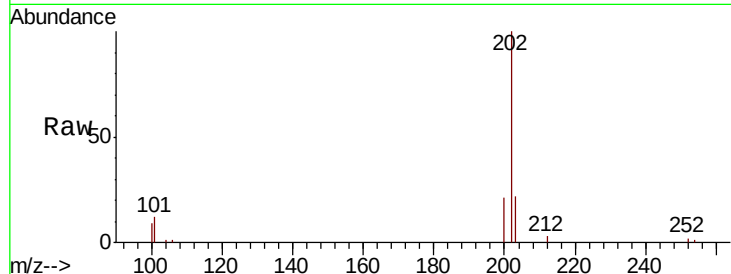
#17
Pvrene
Concen: 4.136 ng/ul
RT: 20.04 min Scan# 4543
Delta R.T. -0.00 min
Lab File: BM027880.D
Acq: 21 Nov 2020 14:21

Instrument :
BNA_M
ClientSampleId :
C0AD0DL

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.0	8.2	12.2
100	8.6	6.9	10.3

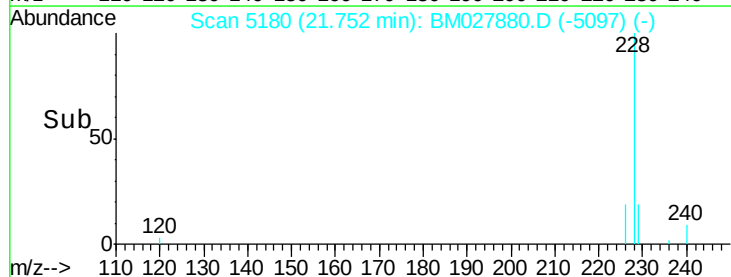
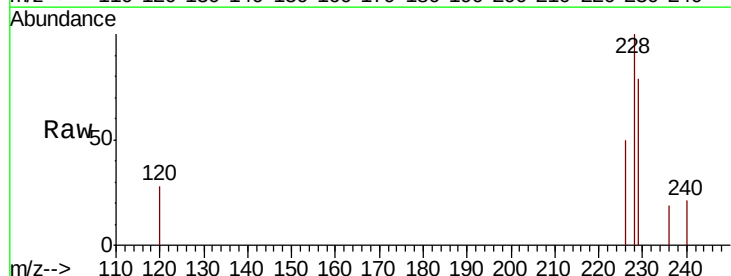
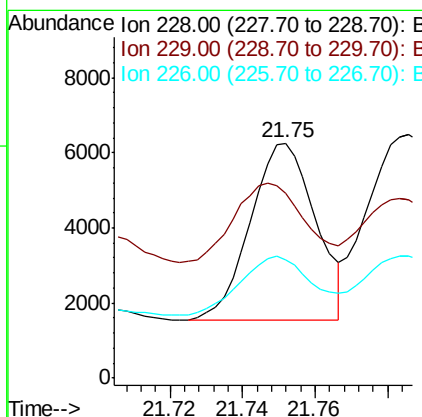
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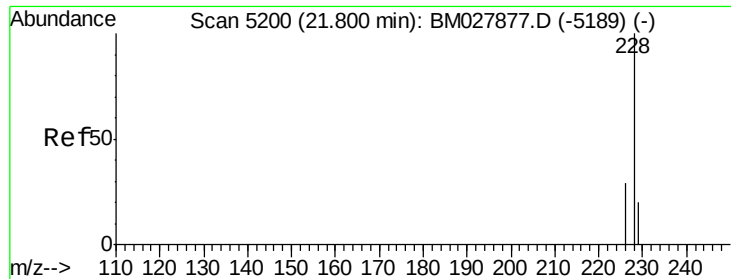
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#18
Benzo(a)anthracene
Concen: 0.446 ng/ul
RT: 21.75 min Scan# 5180
Delta R.T. -0.00 min
Lab File: BM027880.D
Acq: 21 Nov 2020 14:21

Tgt Ion	Ratio	Lower	Upper
228	100		
229	78.6	16.2	24.4#
226	50.2	21.5	32.3#





#19

Chrysene

Concen: 0.601 ng/ul

RT: 21.81 min Scan# 5202

Delta R.T. -0.00 min

Lab File: BM027880.D

Acq: 21 Nov 2020 14:21

Instrument :

BNA_M

ClientSampled :

C0AD0DL

Tot Ion:228 Resp: 7741

Ion Ratio Lower Upper

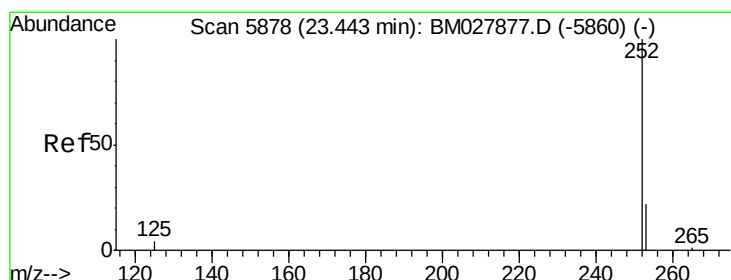
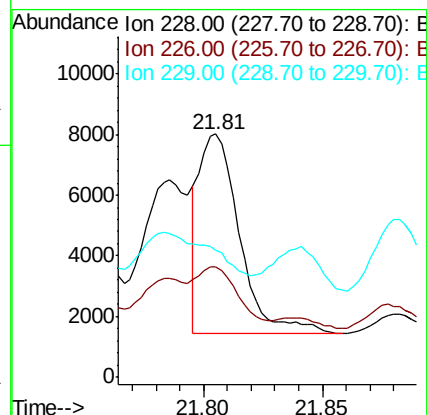
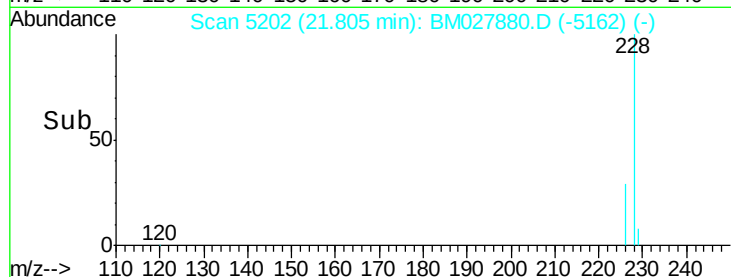
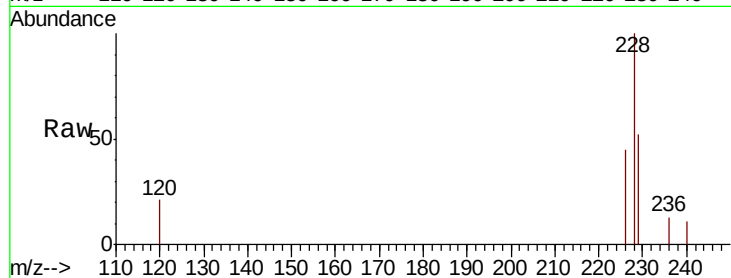
228 100

226 45.1 24.1 36.1#

229 52.3 16.6 24.8#

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#21

Benzo(b)fluoranthene

Concen: 0.258 ng/ul m

RT: 23.45 min Scan# 5883

Delta R.T. 0.00 min

Lab File: BM027880.D

Acq: 21 Nov 2020 14:21

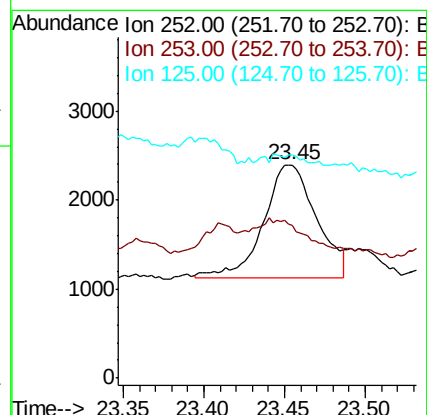
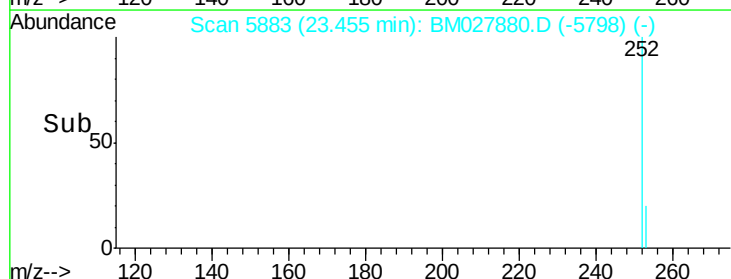
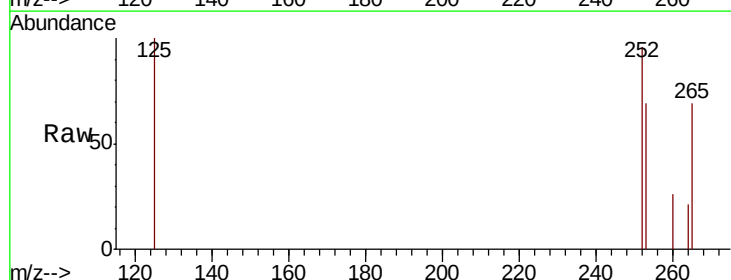
Tgt Ion:252 Resp: 2927

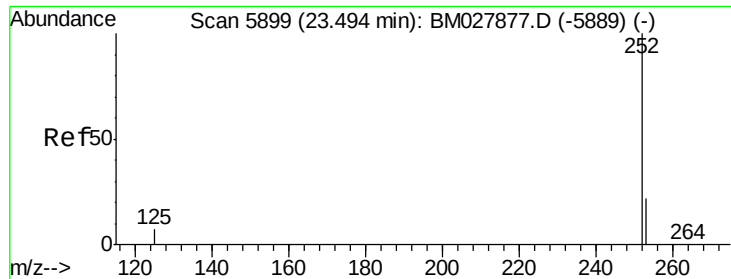
Ion Ratio Lower Upper

252 100

253 71.6 0.0 59.6#

125 104.4 0.0 28.4#





#22

Benzo(k)fluoranthene

Concen: 0.044 ng/ul m

RT: 23.49 min Scan# 5898

Delta R.T. -0.01 min

Lab File: BM027880.D

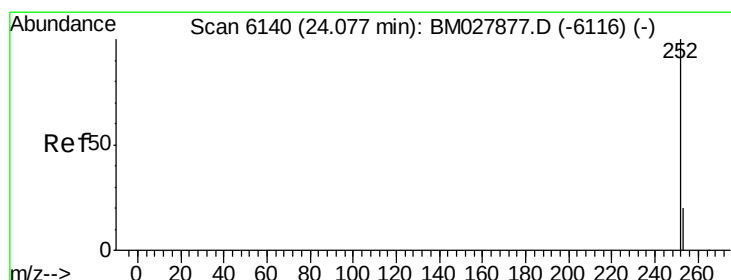
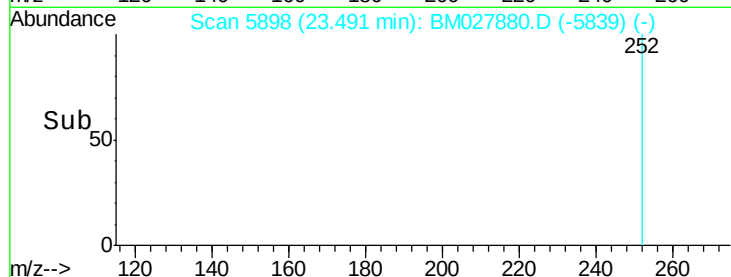
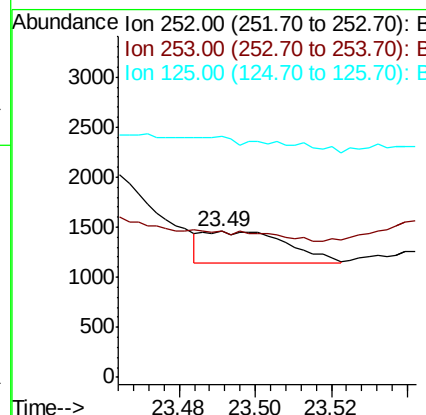
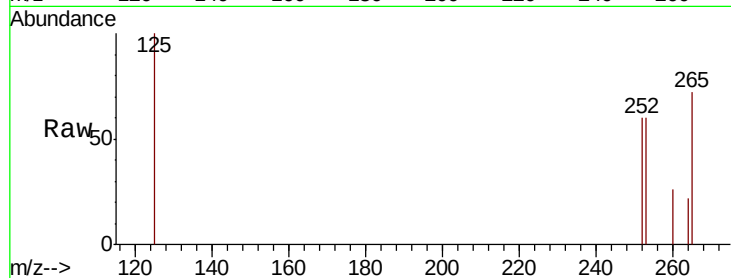
Acq: 21 Nov 2020 14:21

Instrument :
BNA_M
ClientSampleId :
C0AD0DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	100.2	23.2	34.8#
125	165.8	11.8	17.6#

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#23

Benzo(a)pyrene

Concen: 0.239 ng/ul

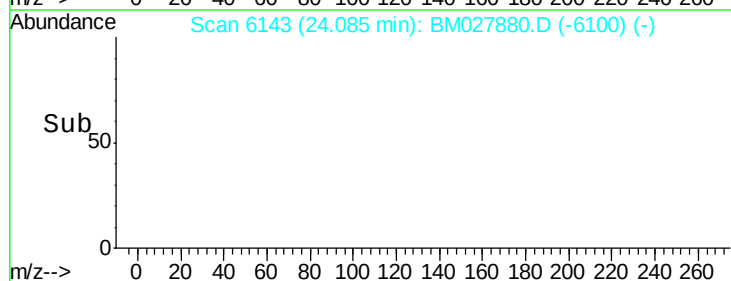
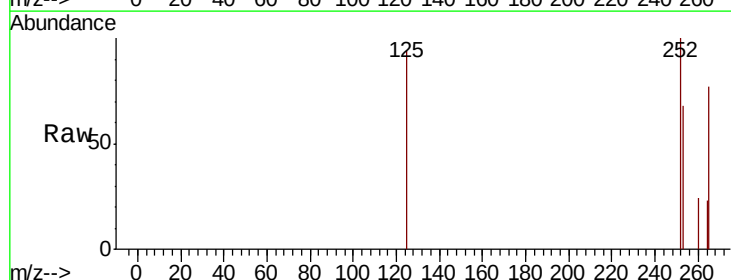
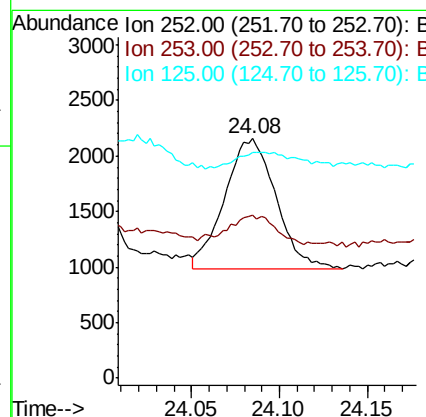
RT: 24.08 min Scan# 6143

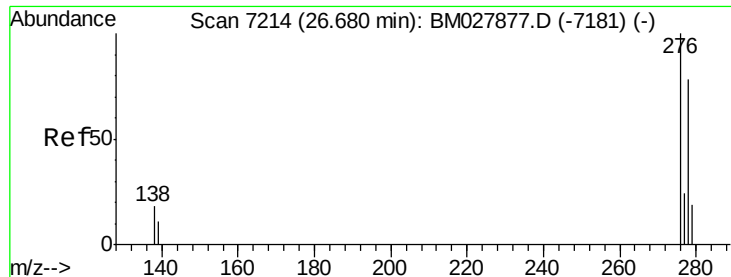
Delta R.T. 0.00 min

Lab File: BM027880.D

Acq: 21 Nov 2020 14:21

Tgt Ion	Ratio	Lower	Upper
252	100		
253	68.4	25.2	37.8#
125	94.2	13.8	20.6#





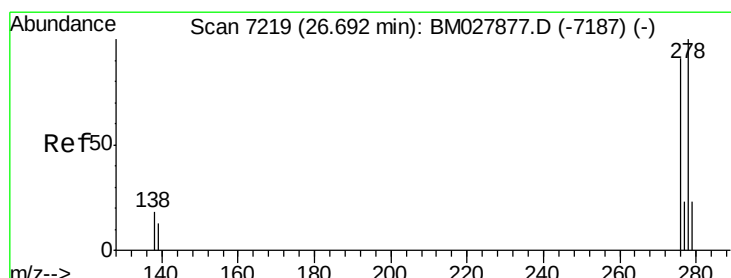
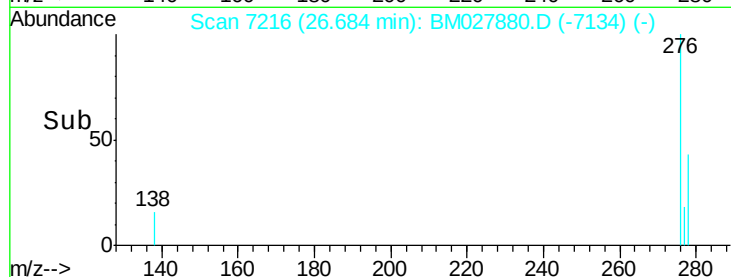
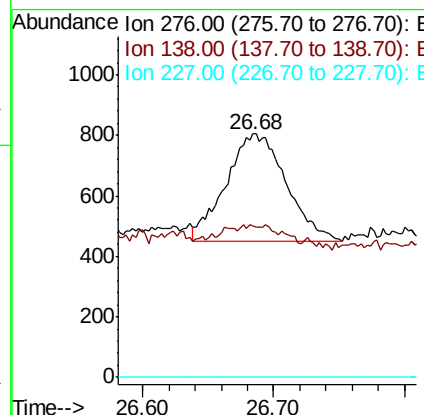
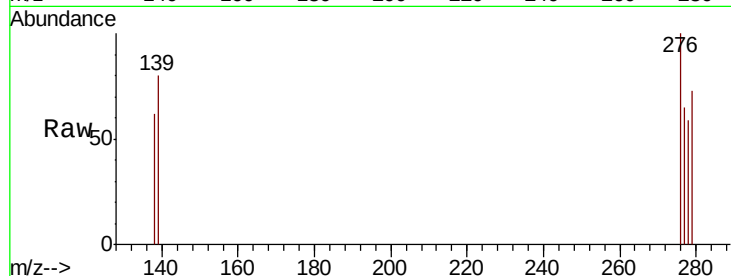
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.107 ng/ul
 RT: 26.68 min Scan# 7216
 Delta R.T. -0.00 min
 Lab File: BM027880.D
 Acq: 21 Nov 2020 14:21

Instrument :
 BNA_M
 ClientSampleId :
 C0AD0DL

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

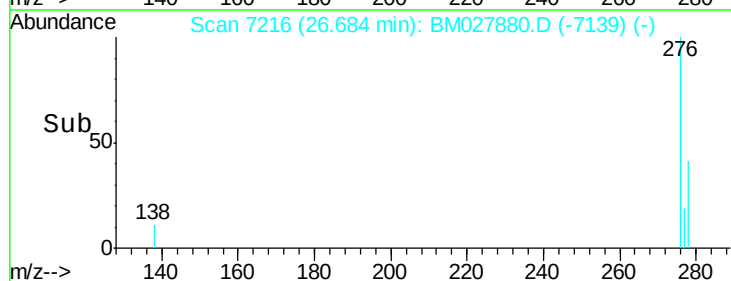
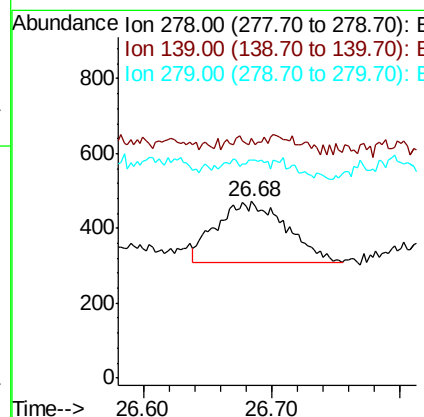
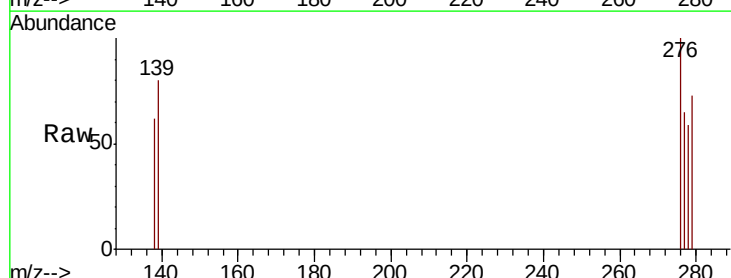
Manual Integrations
 APPROVED

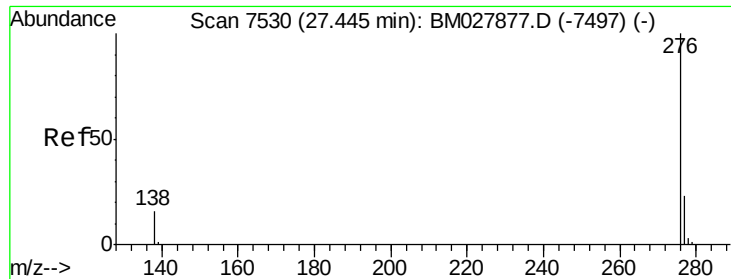
mohammad
 11/24/2020 8:58:39 AM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.068 ng/ul
 RT: 26.68 min Scan# 7216
 Delta R.T. -0.01 min
 Lab File: BM027880.D
 Acq: 21 Nov 2020 14:21

Tgt Ion	Ratio	Lower	Upper
278	100		
139	135.6	14.8	22.2#
279	123.7	25.8	38.6#





#26
 Benzo(a,h,i)perylene
 Concen: 0.226 ng/ul
 RT: 27.46 min Scan# 7535
 Delta R.T. -0.00 min
 Lab File: BM027880.D
 Acq: 21 Nov 2020 14:21

Instrument :
 BNA_M
 ClientSampleId :
 C0AD0DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	49.2	17.4	26.2#
277	54.3	22.5	33.7#

Manual Integrations
 APPROVED

mohammad
 11/24/2020 8:58:39 AM

