

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112320\
 Data File : BM027921.D
 Acq On : 23 Nov 2020 19:49
 Operator : JU/CG
 Sample : L4711-08DL 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0B33DL

Manual Integrations
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mohammad
 11/25/2020 12:44:55 PM

Quant Time: Nov 24 01:04:34 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 : Tue Nov 24 00:42:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.33	152	1197	0.40	ng/ul	0.00
2) Naphthalene-d8	11.16	136	4708	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.94	164	2660	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.66	188	4889	0.40	ng/ul	0.00
16) Chrysene-d12	21.76	240	3010	0.40	ng/ul	0.00
20) Perylene-d12	24.18	264	2643	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.73	152	264	0.03	ng/ul	0.00
14) Fluoranthene-d10	19.65	212	434	0.03	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	11.21	128	1229	0.087	ng/ul#	90
5) 2-Methylnaphthalene	12.80	142	782	0.081	ng/ul	99
7) Acenaphthylene	14.67	152	343	0.026	ng/ul#	61
8) Acenaphthene	15.01	153	4847	0.498	ng/ul	100
9) Fluorene	15.98	166	3987	0.353	ng/ul	99
12) Phenanthrene	17.70	178	71487	4.629	ng/ul	97
13) Anthracene	17.79	178	13948	0.936	ng/ul	99
15) Fluoranthene	19.68	202	125070	7.304	ng/ul	99
17) Pyrene	20.03	202	101824	6.661	ng/ul	98
18) Benzo(a)anthracene	21.75	228	43219	3.559	ng/ul	100
19) Chrysene	21.80	228	46948	3.969	ng/ul	99
21) Benzo(b)fluoranthene	23.45	252	50667m	4.561	ng/ul	
22) Benzo(k)fluoranthene	23.49	252	17832m	1.639	ng/ul	
23) Benzo(a)pyrene	24.08	252	33486	3.448	ng/ul#	84
24) Indeno(1,2,3-cd)pyrene	26.67	276	21795	2.073	ng/ul#	96
25) Dibenzo(a,h)anthracene	26.68	278	5523	0.631	ng/ul	96
26) Benzo(a,h,i)perylene	27.45	276	19208	2.177	ng/ul	93

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

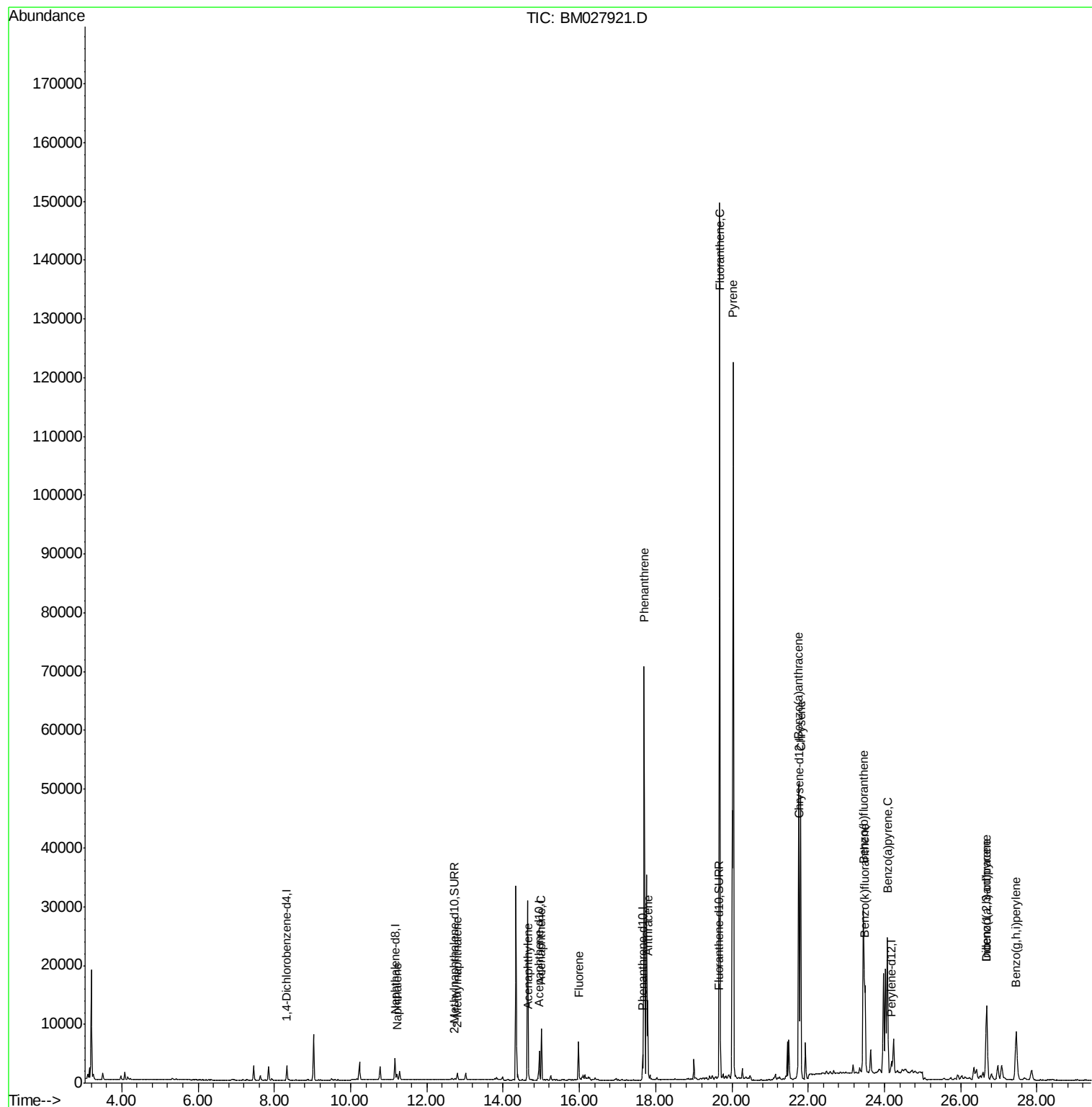
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112320\
Data File : BM027921.D
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ALS Vial : 17 Sample Multiplier: 1

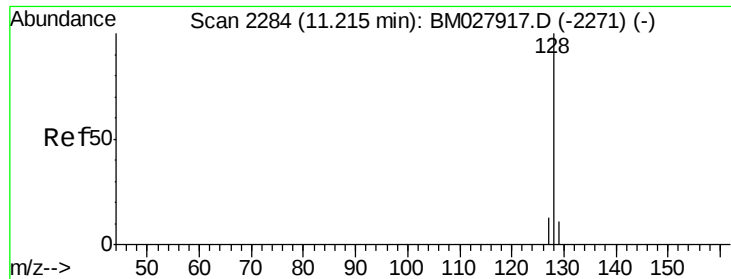
Instrument :
BNA_M
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Quant Time: Nov 24 01:04:34 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM112020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 24 00:42:23 2020
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.087 ng/ul

RT: 11.21 min Scan# 2283

Delta R.T. -0.00 min

Lab File: BM027921.D

Acq: 23 Nov 2020 19:49

Instrument :

BNA_M

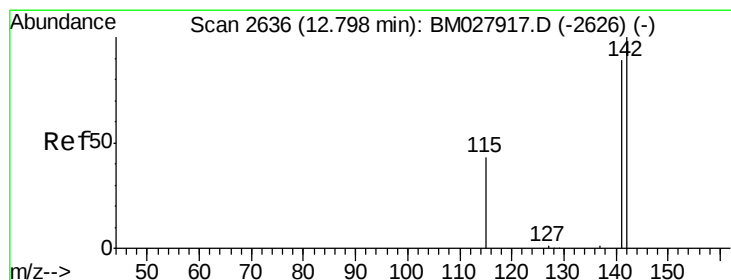
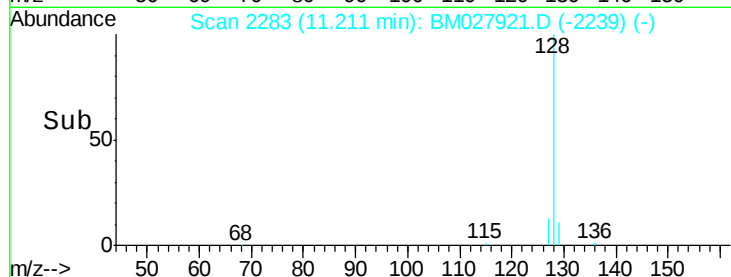
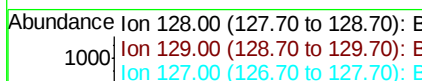
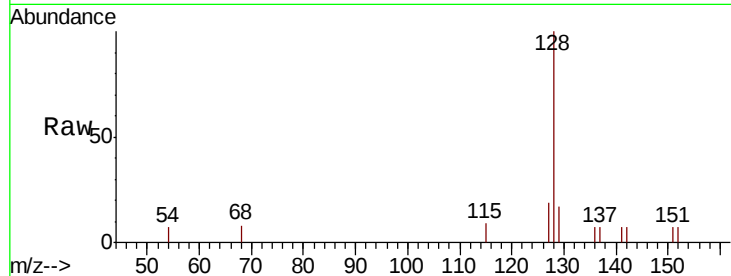
ClientSampleId :

C0B33DL

Tot Ion:	128	Resp:	1229
Ion	Ratio	Lower	Upper
128	100		
129	17.4	10.4	15.6#
127	18.6	12.0	18.0#

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#5

2-Methylnaphthalene

Concen: 0.081 ng/ul

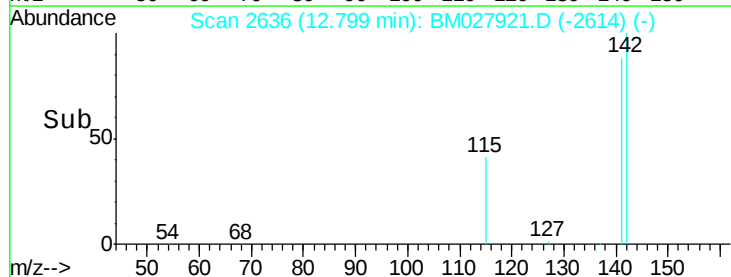
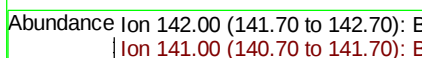
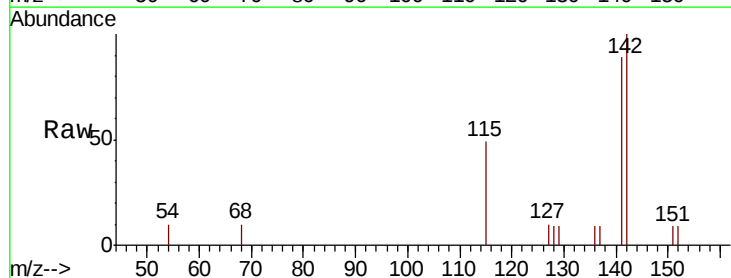
RT: 12.80 min Scan# 2636

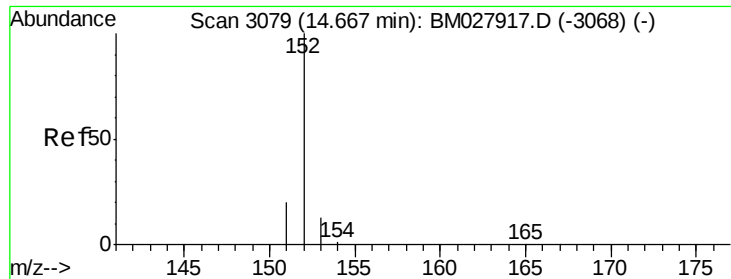
Delta R.T. 0.00 min

Lab File: BM027921.D

Acq: 23 Nov 2020 19:49

Tgt Ion:	142	Resp:	782
Ion	Ratio	Lower	Upper
142	100		
141	89.0	71.6	107.4





#7

Acenaphthylene

Concen: 0.026 ng/ul

RT: 14.67 min Scan# 3079

Delta R.T. -0.00 min

Lab File: BM027921.D

Acq: 23 Nov 2020 19:49

Instrument :

BNA_M

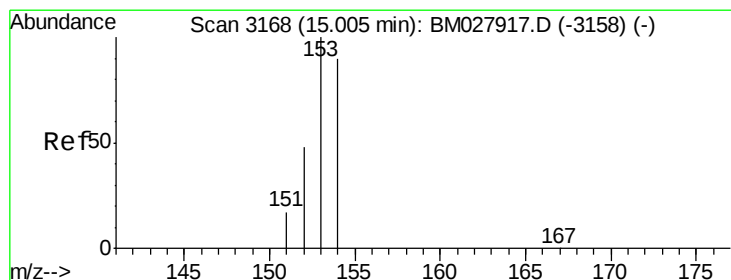
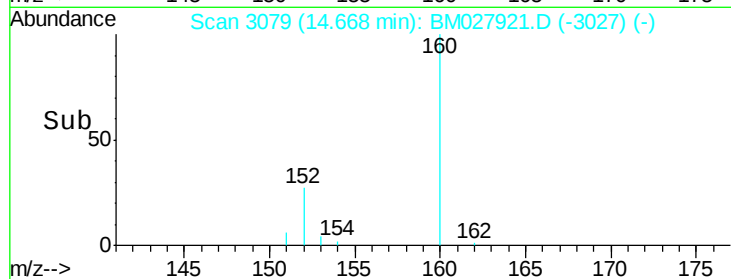
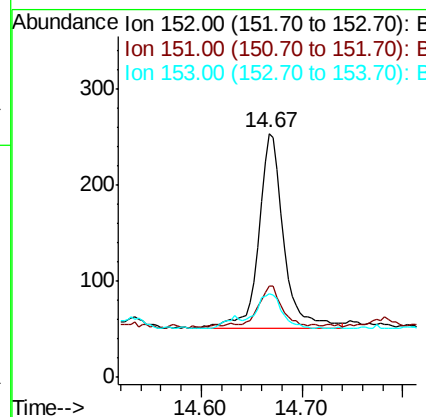
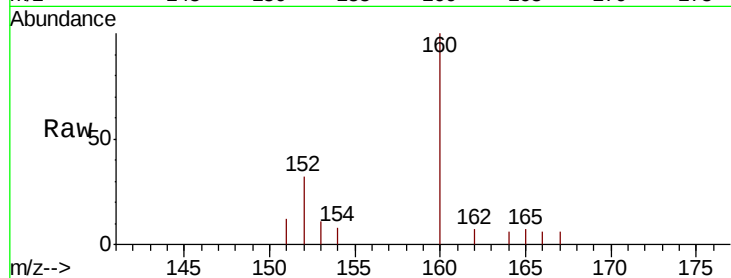
ClientSampleId :

C0B33DL

Tot Ion:	152	Resp:	343
Ion Ratio	Lower	Upper	
152	100		
151	37.5	17.1	25.7#
153	34.0	12.0	18.0#

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#8

Acenaphthene

Concen: 0.498 ng/ul

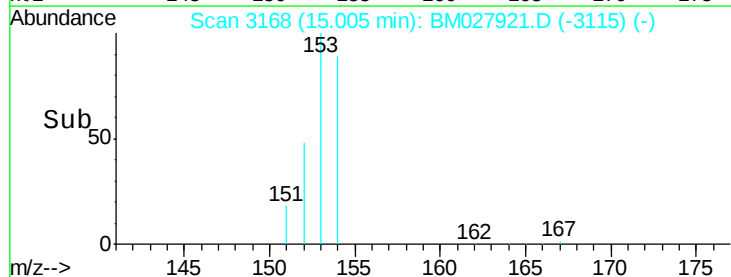
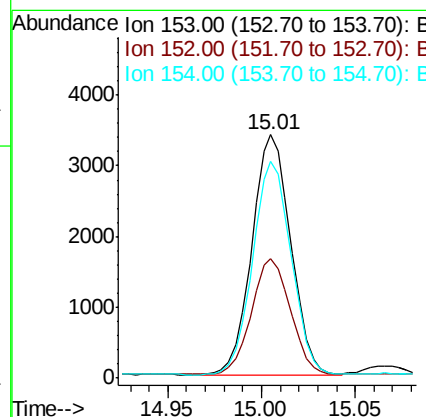
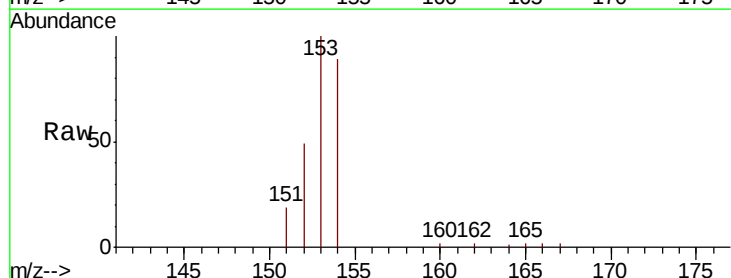
RT: 15.01 min Scan# 3168

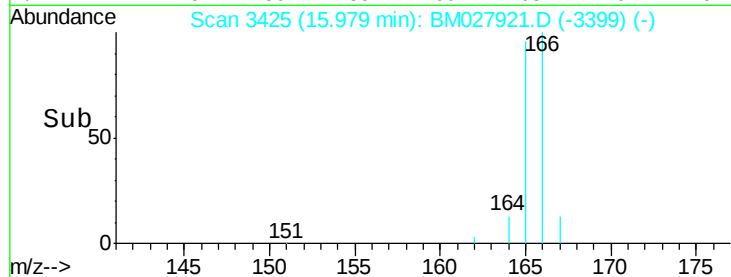
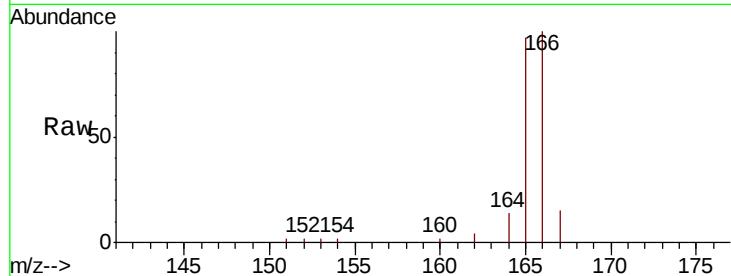
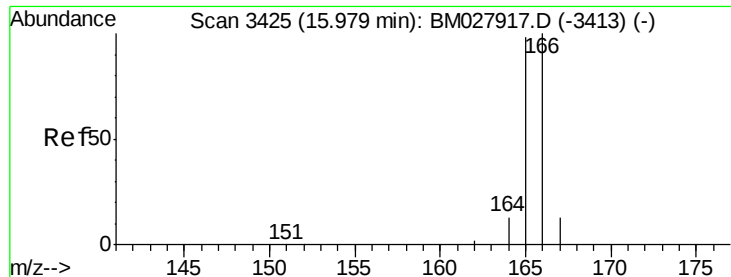
Delta R.T. 0.00 min

Lab File: BM027921.D

Acq: 23 Nov 2020 19:49

Tgt Ion:	153	Resp:	4847
Ion Ratio	Lower	Upper	
153	100		
152	49.1	39.0	58.6
154	89.0	71.6	107.4





#9

Fluorene

Concen: 0.353 ng/ul

RT: 15.98 min Scan# 3425

Delta R.T. 0.00 min

Lab File: BM027921.D

Acq: 23 Nov 2020 19:49

Tot Ion:	166	Resp:	3987
Ion	Ratio	Lower	Upper
166	100		
165	97.0	78.1	117.1
167	14.7	11.8	17.8

Instrument :

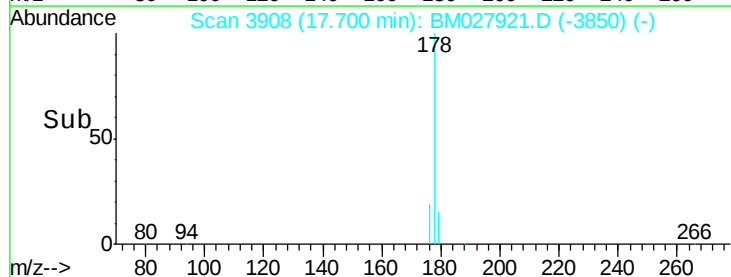
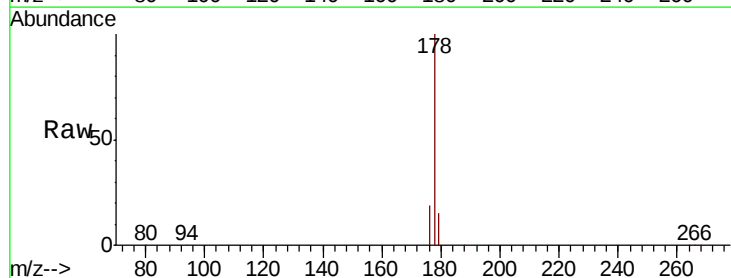
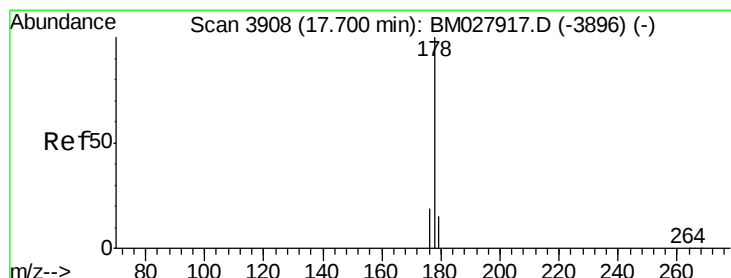
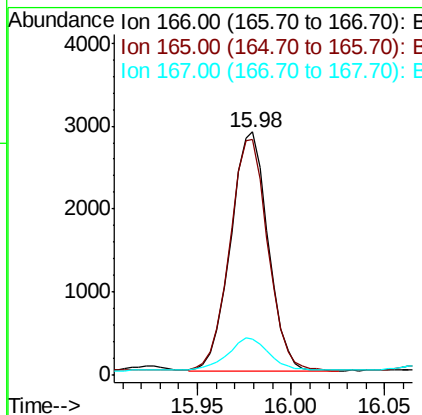
BNA_M

ClientSampleId :

C0B33DL

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#12

Phenanthrene

Concen: 4.629 ng/ul

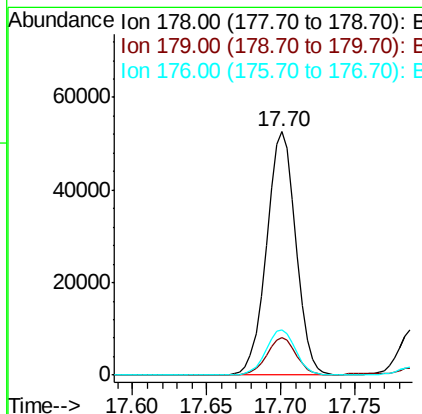
RT: 17.70 min Scan# 3908

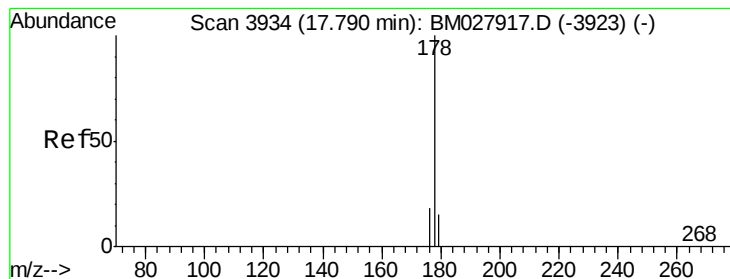
Delta R.T. 0.00 min

Lab File: BM027921.D

Acq: 23 Nov 2020 19:49

Tgt Ion:	178	Resp:	71487
Ion	Ratio	Lower	Upper
178	100		
179	15.3	13.6	20.4
176	18.7	16.1	24.1





#13

Anthracene

Concen: 0.936 ng/ul

RT: 17.79 min Scan# 3934

Delta R.T. 0.00 min

Lab File: BM027921.D

Acq: 23 Nov 2020 19:49

Instrument :

BNA_M

ClientSampleId :

C0B33DL

Tot Ion:178 Resp: 13948

Ion Ratio Lower Upper

178 100

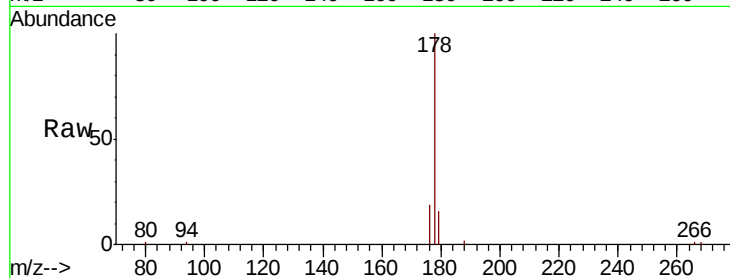
179 16.2 13.4 20.2

176 18.9 15.0 22.6

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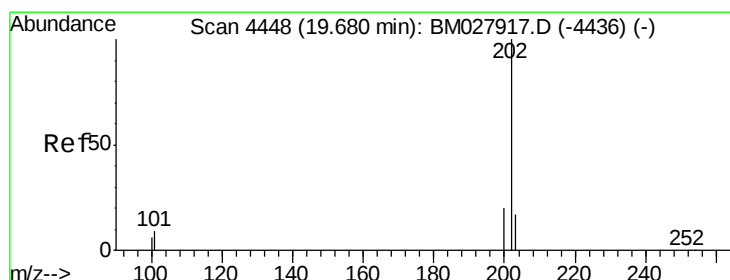
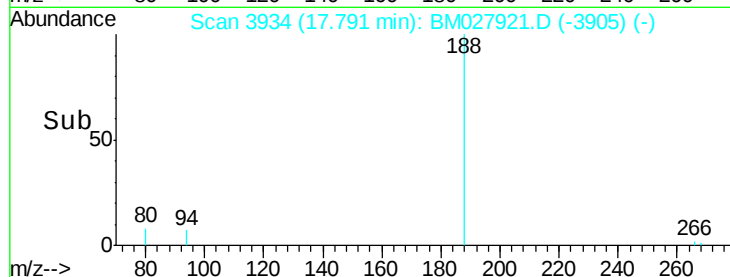
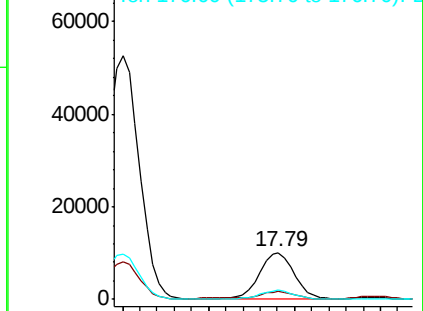
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#15

Fluoranthene

Concen: 7.304 ng/ul

RT: 19.68 min Scan# 4448

Delta R.T. 0.00 min

Lab File: BM027921.D

Acq: 23 Nov 2020 19:49

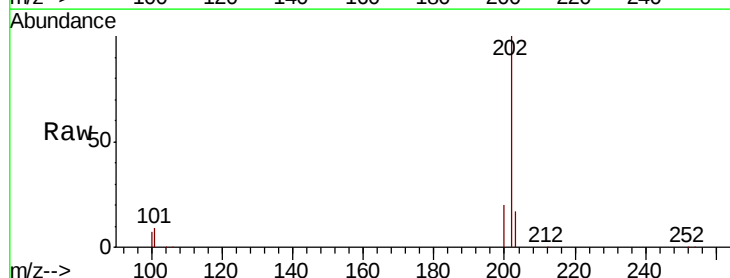
Tgt Ion:202 Resp: 125070

Ion Ratio Lower Upper

202 100

101 8.9 0.0 29.3

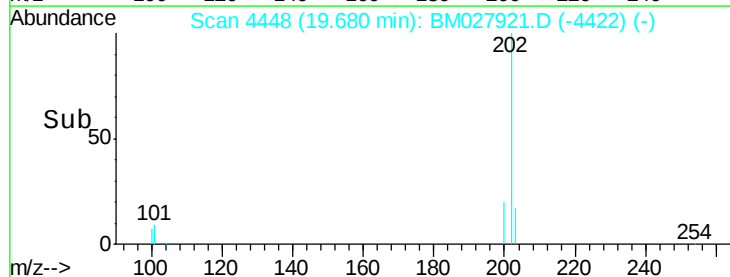
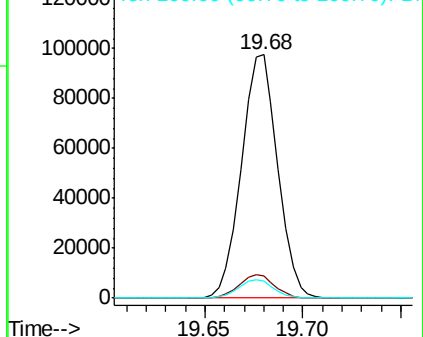
100 6.9 0.0 27.4

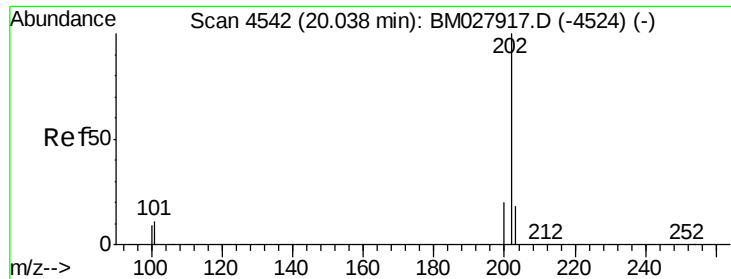


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





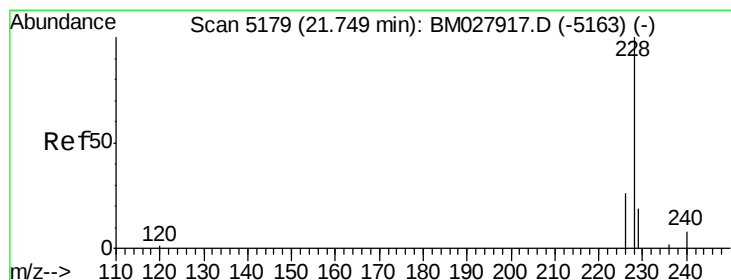
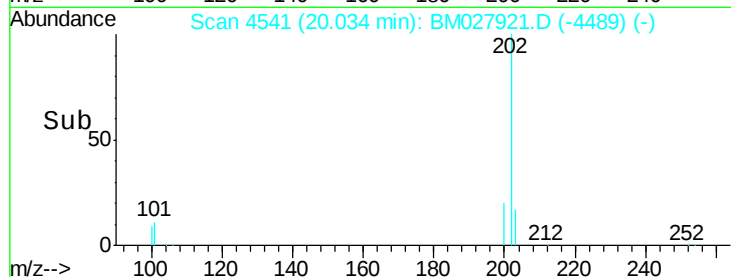
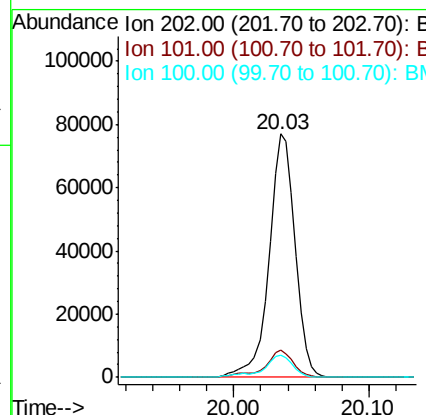
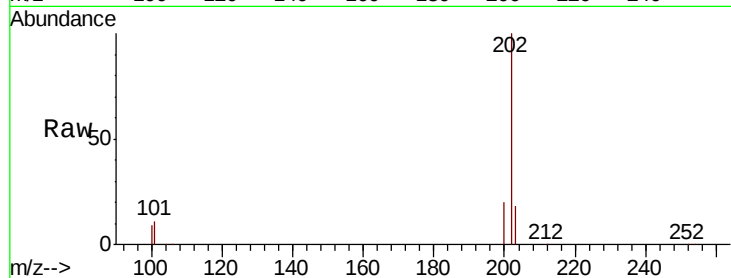
#17
Pvrene
Concen: 6.661 ng/ul
RT: 20.03 min Scan# 4541
Delta R.T. -0.00 min
Lab File: BM027921.D
Acq: 23 Nov 2020 19:49

Instrument :
BNA_M
ClientSampleId :
C0B33DL

Tot Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	11.0	8.2	12.2
100	9.2	6.9	10.3

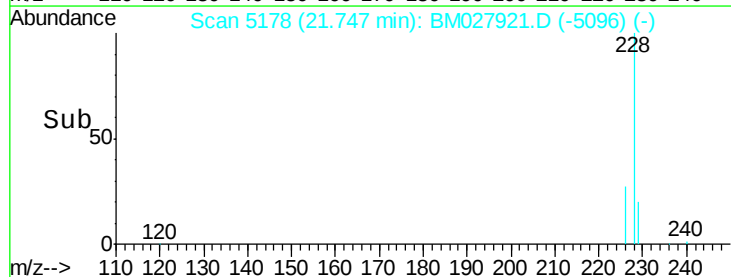
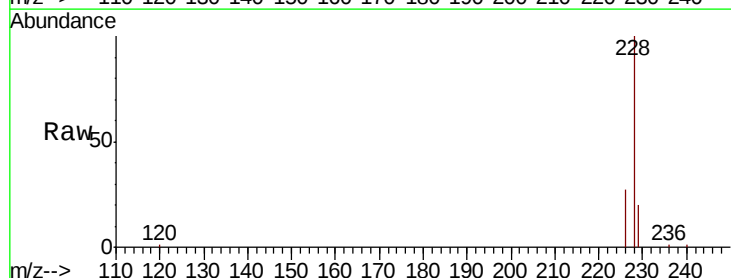
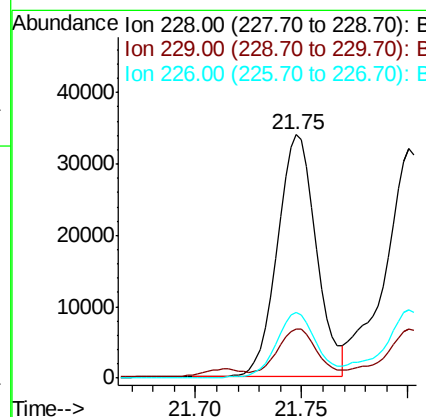
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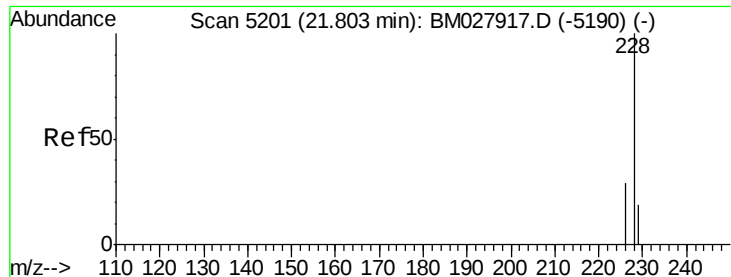
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#18
Benzo(a)anthracene
Concen: 3.559 ng/ul
RT: 21.75 min Scan# 5178
Delta R.T. -0.00 min
Lab File: BM027921.D
Acq: 23 Nov 2020 19:49

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	20.3	16.2	24.4
226	26.8	21.5	32.3





#19

Chrysene

Concen: 3.969 ng/ul

RT: 21.80 min Scan# 5200

Delta R.T. -0.00 min

Lab File: BM027921.D

Acq: 23 Nov 2020 19:49

Instrument :

BNA_M

ClientSampleId :

C0B33DL

Tot Ion:228 Resp: 46948

Ion Ratio Lower Upper

228 100

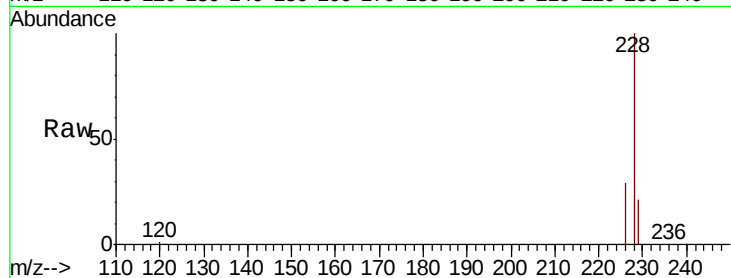
226 29.5 24.1 36.1

229 21.3 16.6 24.8

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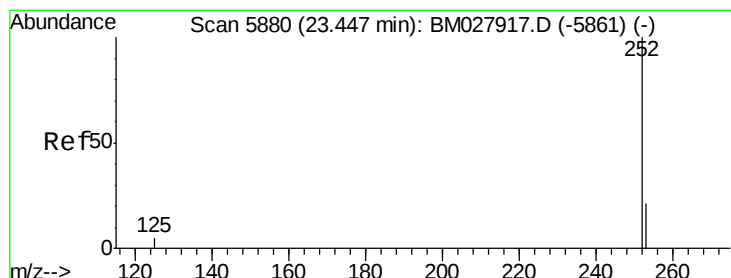
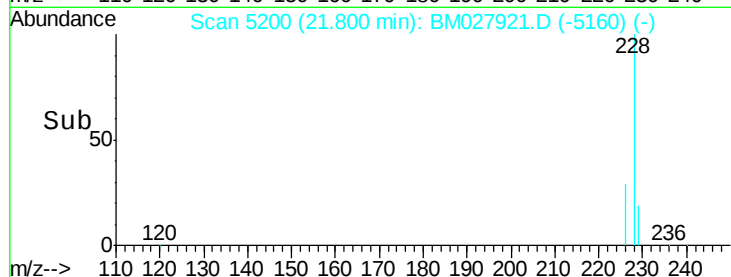
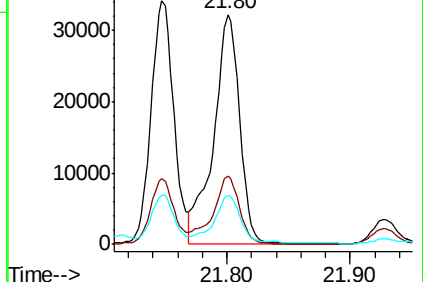
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Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#21

Benzo(b)fluoranthene

Concen: 4.561 ng/ul m

RT: 23.45 min Scan# 5880

Delta R.T. 0.00 min

Lab File: BM027921.D

Acq: 23 Nov 2020 19:49

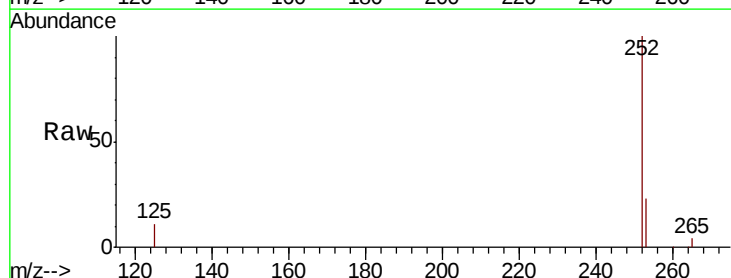
Tgt Ion:252 Resp: 50667

Ion Ratio Lower Upper

252 100

253 23.0 0.0 59.6

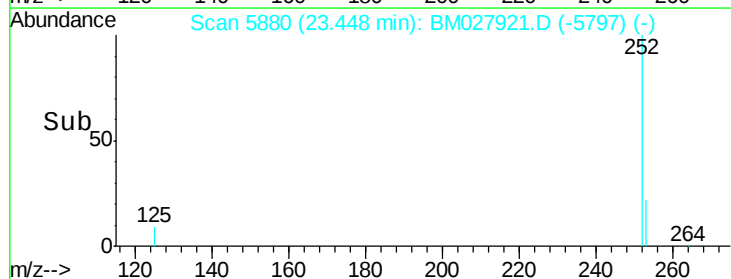
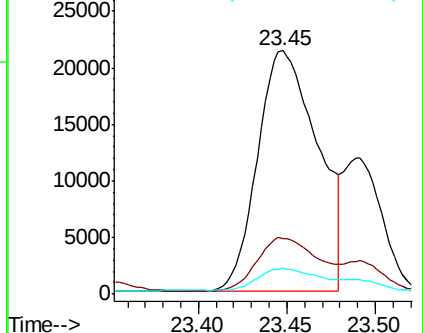
125 10.6 0.0 28.4

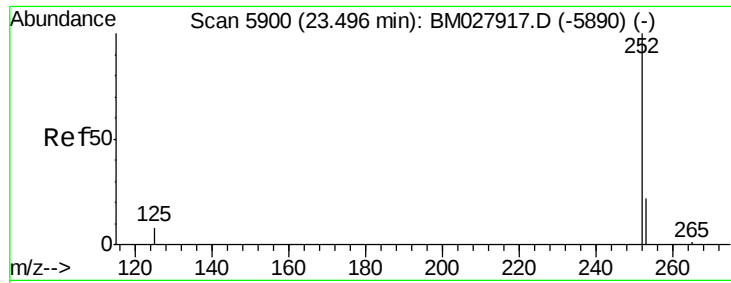


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





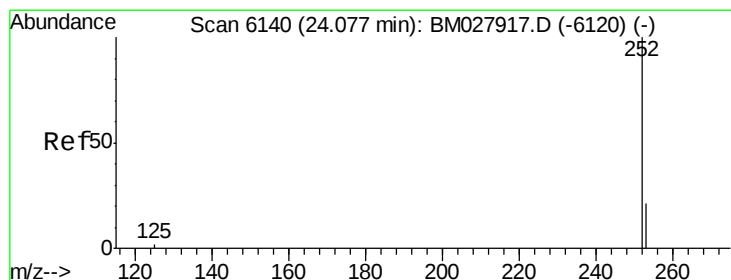
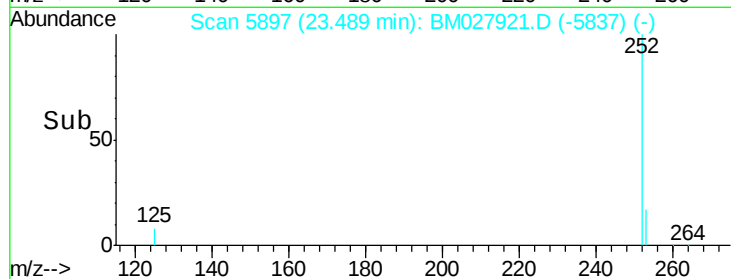
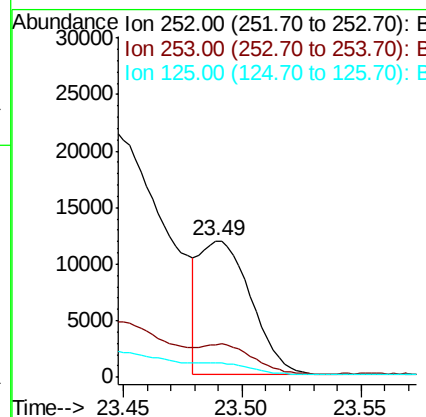
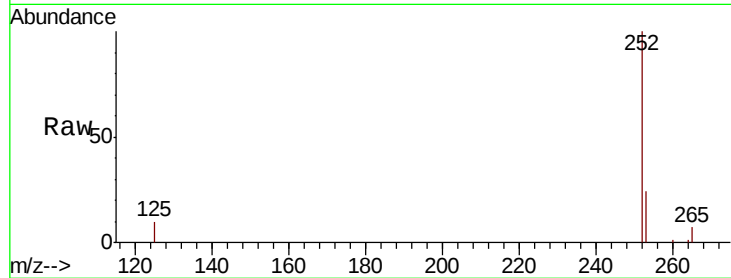
#22
Benzo(k)fluoranthene
Concen: 1.639 ng/ul m
RT: 23.49 min Scan# 5897
Delta R.T. -0.00 min
Lab File: BM027921.D
Acq: 23 Nov 2020 19:49

Instrument :
BNA_M
ClientSampled :
C0B33DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.9	23.2	34.8
125	10.4	11.8	17.6

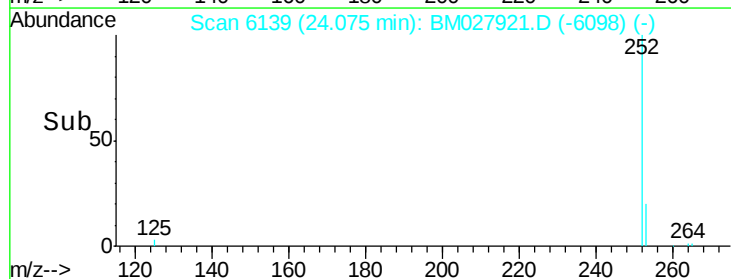
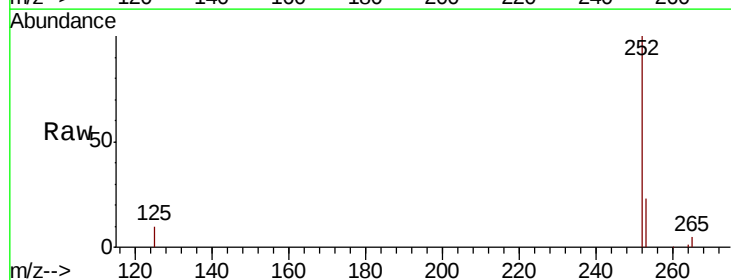
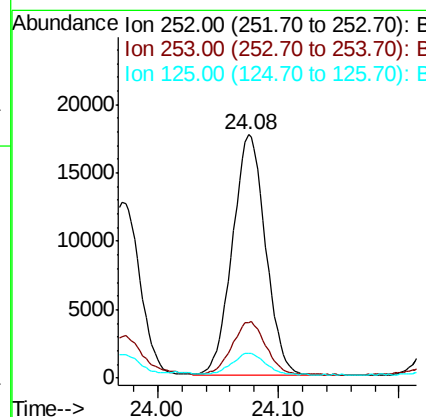
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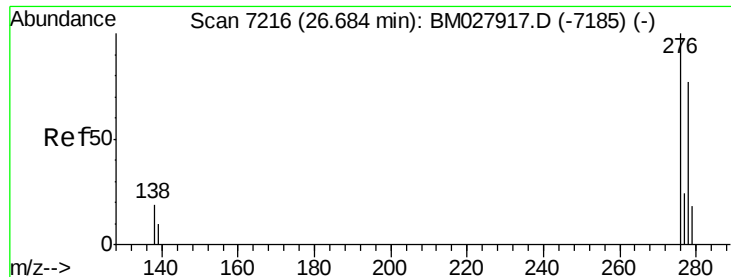
mohammad
11/25/2020 12:44:55 PM



#23
Benzo(a)pyrene
Concen: 3.448 ng/ul
RT: 24.08 min Scan# 6139
Delta R.T. 0.00 min
Lab File: BM027921.D
Acq: 23 Nov 2020 19:49

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	25.2	37.8
125	10.0	13.8	20.6





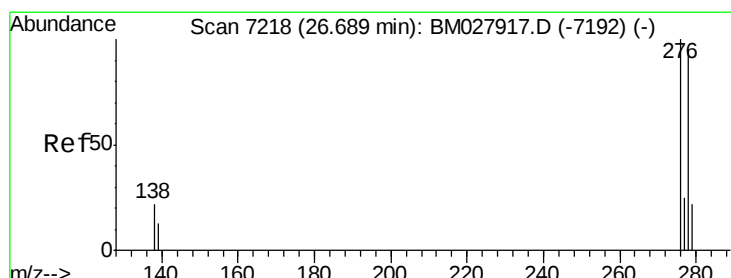
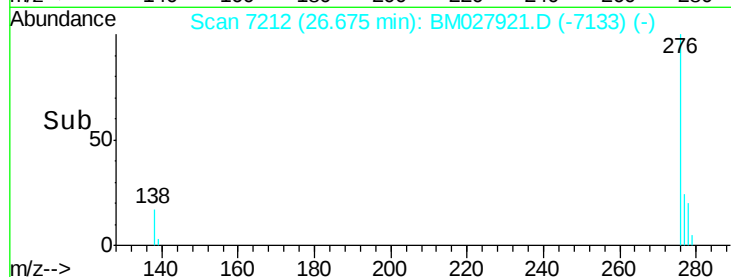
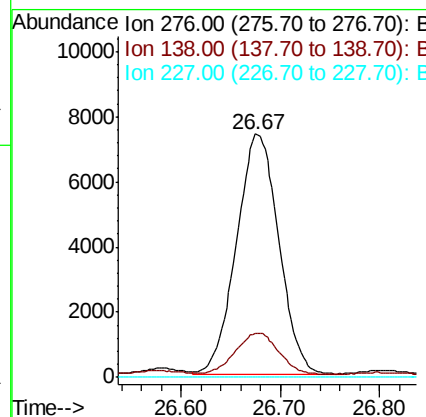
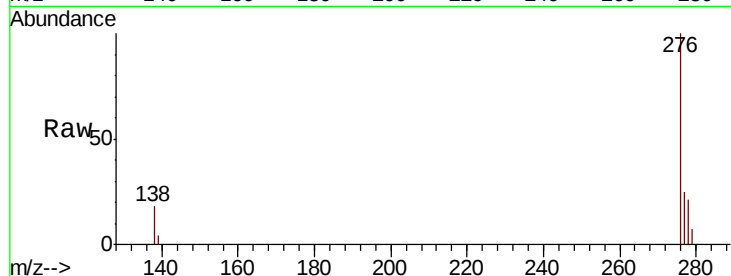
#24
Indeno(1,2,3-cd)pyrene
Concen: 2.073 ng/ul
RT: 26.67 min Scan# 7212
Delta R.T. -0.01 min
Lab File: BM027921.D
Acq: 23 Nov 2020 19:49

Instrument :
BNA_M
ClientSampleId :
C0B33DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	17.6	15.7	23.5
227	0.0	0.0	0.0

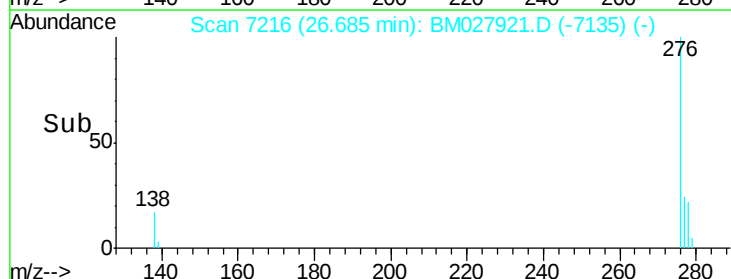
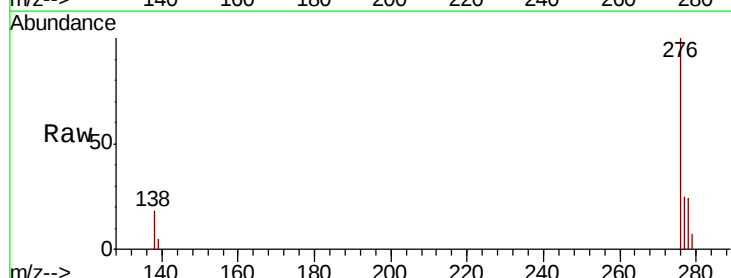
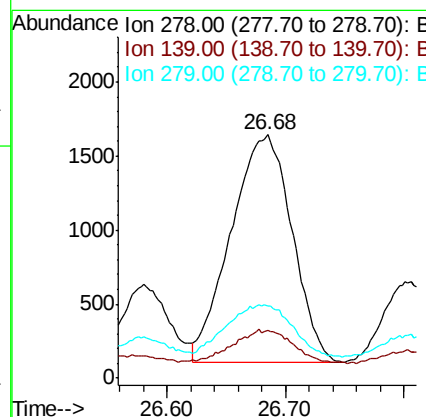
Manual Integrations
APPROVED

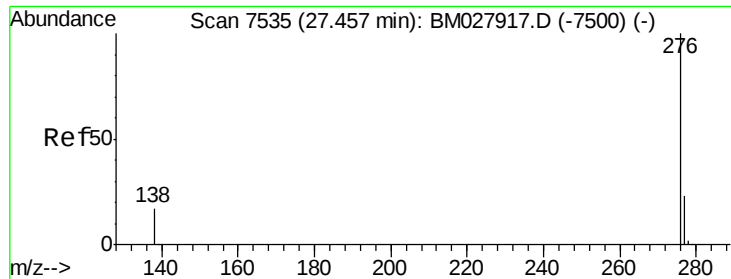
mohammad
11/25/2020 12:44:55 PM



#25
Dibenzo(a,h)anthracene
Concen: 0.631 ng/ul
RT: 26.68 min Scan# 7216
Delta R.T. -0.00 min
Lab File: BM027921.D
Acq: 23 Nov 2020 19:49

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.6	14.8	22.2
279	29.6	25.8	38.6





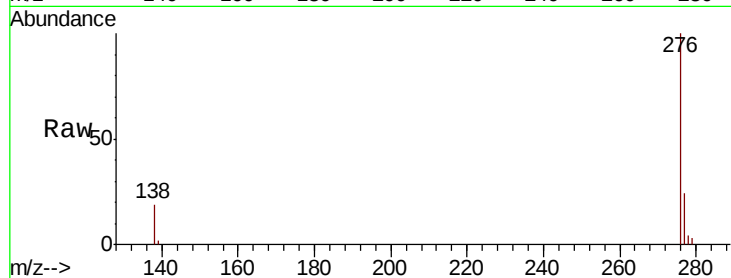
#26
Benzo(a,h,i)perylene
Concen: 2.177 ng/ul
RT: 27.45 min Scan# 7533
Delta R.T. -0.00 min
Lab File: BM027921.D
Acq: 23 Nov 2020 19:49

Instrument :
BNA_M
ClientSampleId :
C0B33DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	18.6	17.4	26.2
277	24.5	22.5	33.7

Manual Integrations
APPROVED

mohammad
11/25/2020 12:44:55 PM



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

