

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112320\
 Data File : BM027951.D
 Acq On : 24 Nov 2020 20:09
 Operator : JU/CG
 Sample : L4749-18
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0B17

Manual Integrations
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mohammad
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Quant Time: Nov 25 01:32:53 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 15:00:24 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.32	152	920	0.40	ng/ul	0.00
2) Naphthalene-d8	11.16	136	3469	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.94	164	1842	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.66	188	3054	0.40	ng/ul	0.00
16) Chrysene-d12	21.77	240	2125	0.40	ng/ul	0.00
20) Perylene-d12	24.19	264	2967	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.72	152	830	0.14	ng/ul	0.00
14) Fluoranthene-d10	19.65	212	1139	0.14	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	11.21	128	2827	0.272	ng/ul	97
5) 2-Methylnaphthalene	12.79	142	1215	0.172	ng/ul	99
7) Acenaphthylene	14.67	152	2134	0.237	ng/ul#	93
8) Acenaphthene	15.00	153	10460	1.553	ng/ul	99
9) Fluorene	15.98	166	11013	1.410	ng/ul	99
12) Phenanthrene	17.70	178	335717	34.799	ng/ul	96
13) Anthracene	17.79	178	56958	6.121	ng/ul	98
15) Fluoranthene	19.68	202	928445	86.796	ng/ul	98
17) Pyrene	20.04	202	754010	69.866	ng/ul	97
18) Benzo(a)anthracene	21.75	228	411788	48.029	ng/ul	100
19) Chrysene	21.81	228	492203	58.938	ng/ul	99
21) Benzo(b)fluoranthene	23.45	252	641769m	51.468	ng/ul	
22) Benzo(k)fluoranthene	23.50	252	228785m	18.736	ng/ul	
23) Benzo(a)pyrene	24.08	252	390951	35.860	ng/ul#	83
24) Indeno(1,2,3-cd)pyrene	26.69	276	299921	25.409	ng/ul#	97
25) Dibenzo(a,h)anthracene	26.69	278	78358m	7.972	ng/ul	
26) Benzo(a,h,i)perylene	27.47	276	261494	26.404	ng/ul	92

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

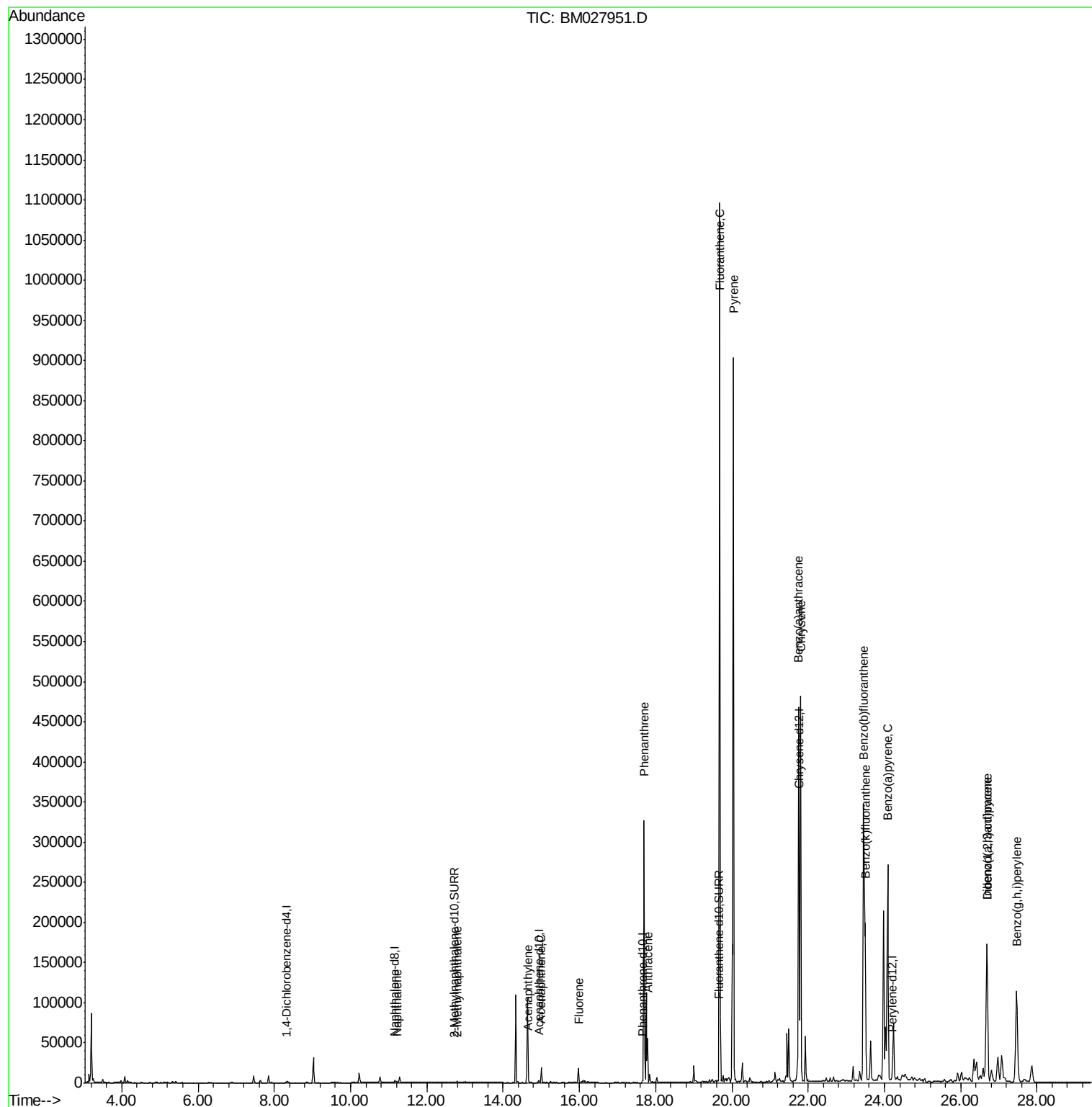
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112320\
Data File : BM027951.D
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ALS Vial : 45 Sample Multiplier: 1

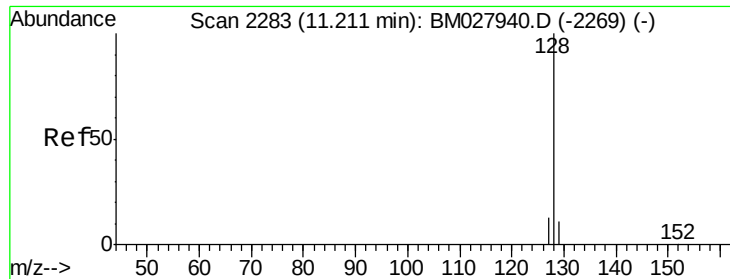
Instrument :
BNA_M
ClientSampleId :
C0B17

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Quant Time: Nov 25 01:32:53 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 15:00:24 2020
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.272 ng/ul

RT: 11.21 min Scan# 2283

Delta R.T. 0.00 min

Lab File: BM027951.D

Acq: 24 Nov 2020 20:09

Instrument :

BNA_M

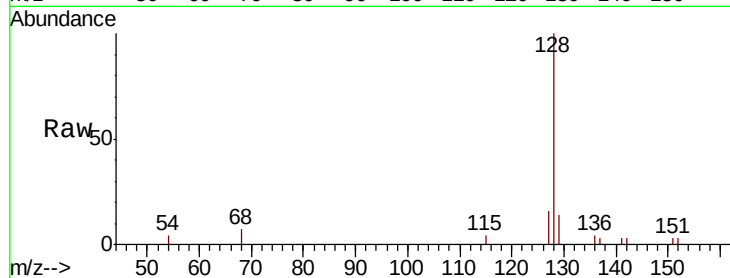
ClientSampleId :

C0B17

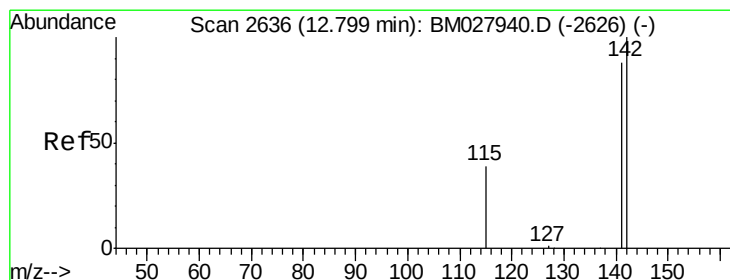
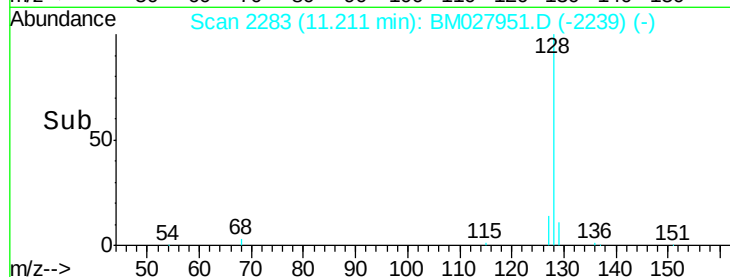
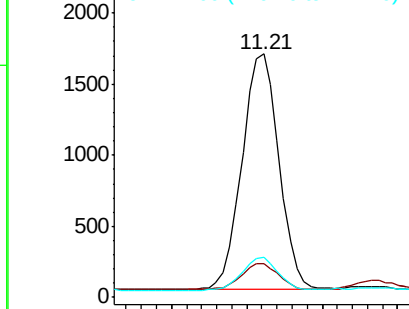
Tot Ion:	128	Resp:	2827
Ion	Ratio	Lower	Upper
128	100		
129	13.8	10.4	15.6
127	16.5	12.0	18.0

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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#5

2-Methylnaphthalene

Concen: 0.172 ng/ul

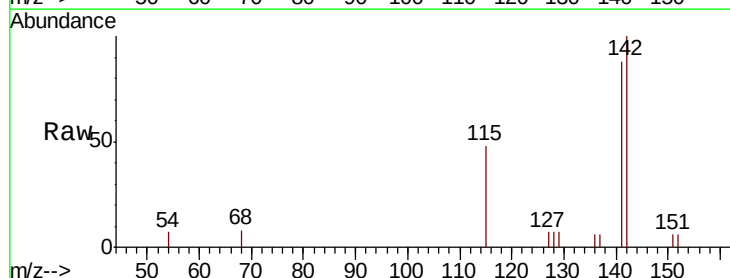
RT: 12.79 min Scan# 2635

Delta R.T. -0.00 min

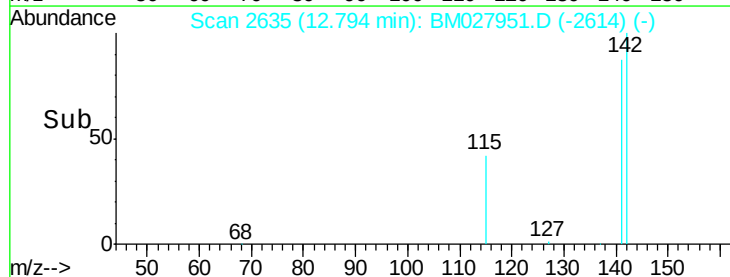
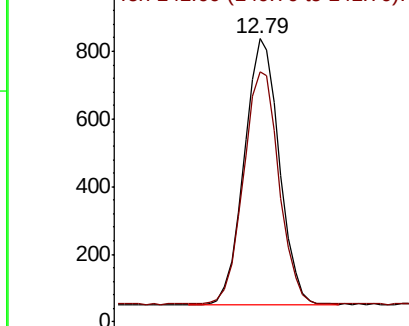
Lab File: BM027951.D

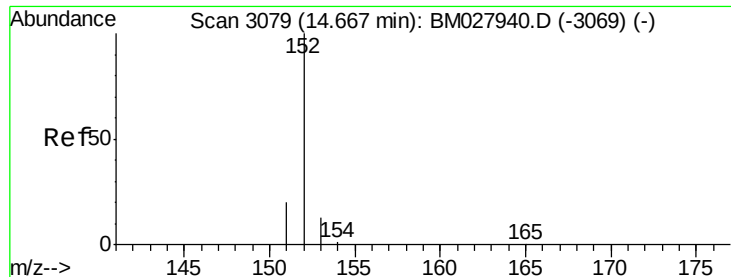
Acq: 24 Nov 2020 20:09

Tgt Ion:	142	Resp:	1215
Ion	Ratio	Lower	Upper
142	100		
141	88.8	71.6	107.4



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.237 ng/ul

RT: 14.67 min Scan# 3079

Delta R.T. 0.00 min

Lab File: BM027951.D

Acq: 24 Nov 2020 20:09

Instrument :

BNA_M

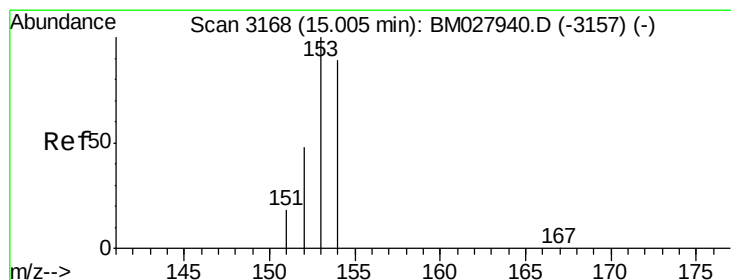
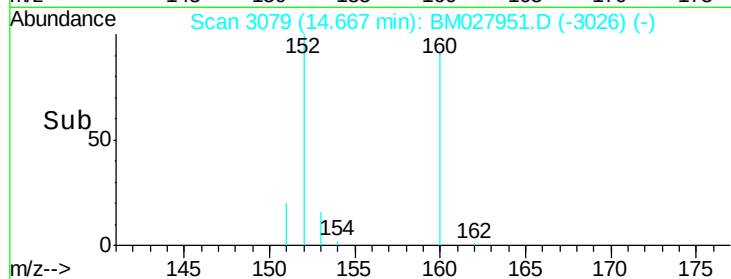
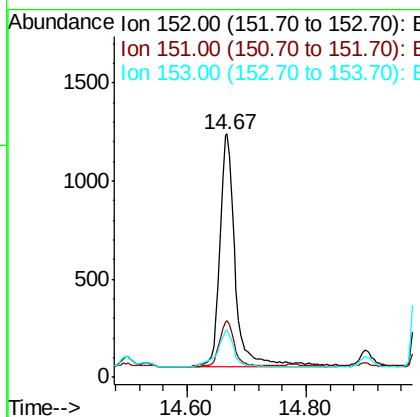
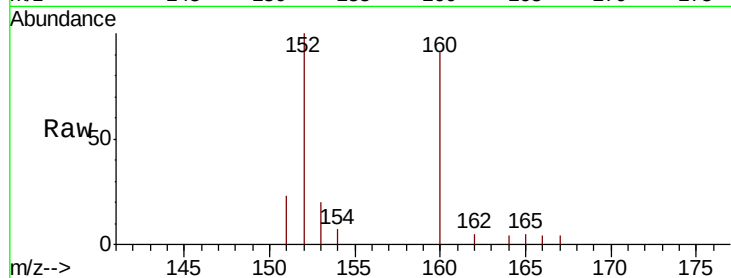
ClientSampleId :

C0B17

Tot Ion:	152	Resp:	2134
Ion Ratio	Lower	Upper	
152	100		
151	23.3	17.1	25.7
153	19.5	12.0	18.0

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#8

Acenaphthene

Concen: 1.553 ng/ul

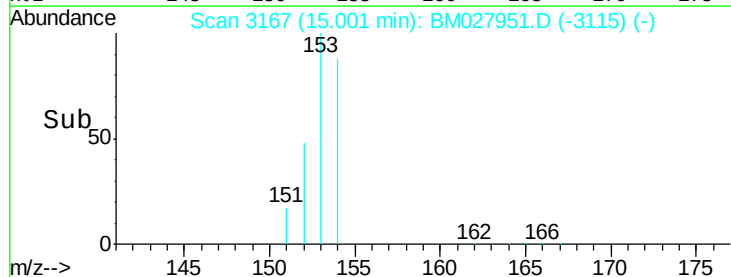
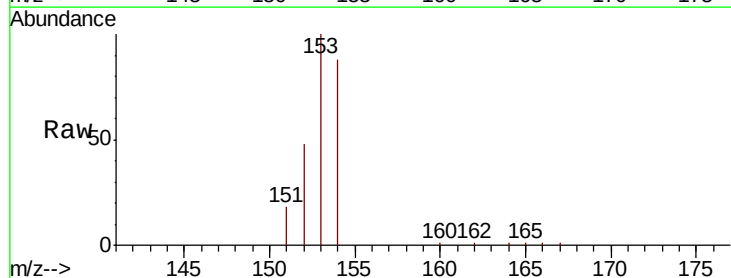
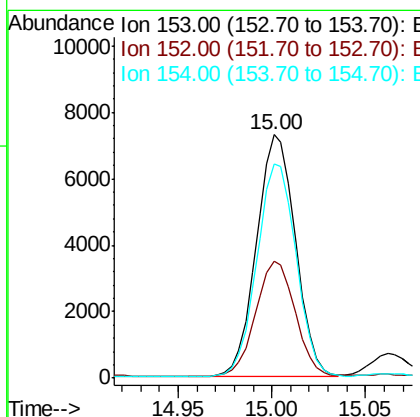
RT: 15.00 min Scan# 3167

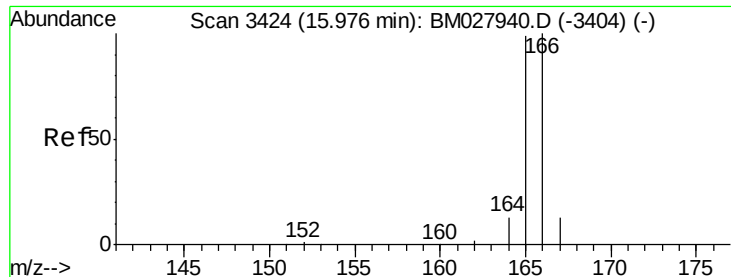
Delta R.T. -0.00 min

Lab File: BM027951.D

Acq: 24 Nov 2020 20:09

Tgt Ion:	153	Resp:	10460
Ion Ratio	Lower	Upper	
153	100		
152	48.3	39.0	58.6
154	88.0	71.6	107.4





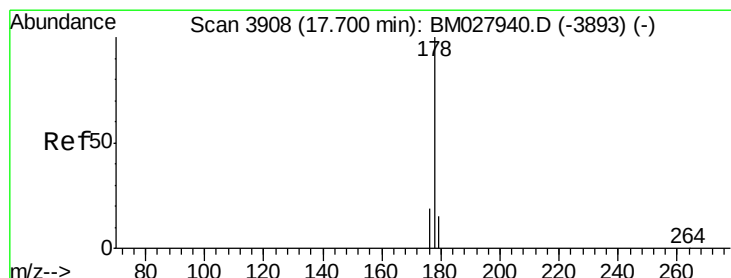
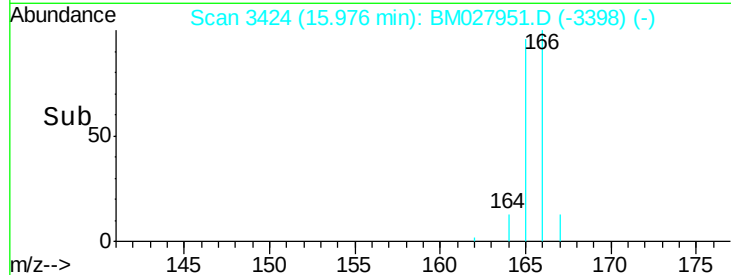
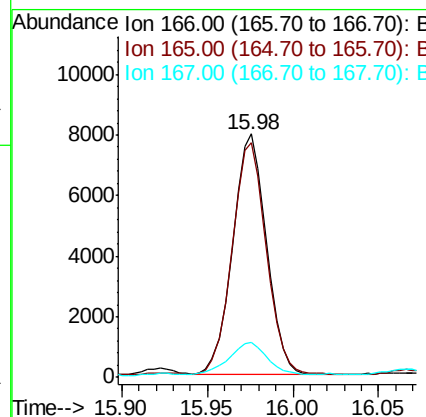
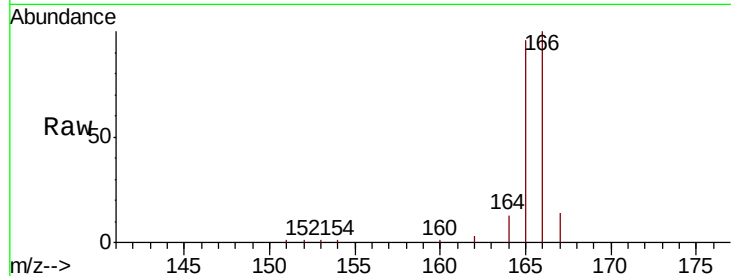
#9
Fluorene
 Concen: 1.410 ng/ul
 RT: 15.98 min Scan# 3424
 Delta R.T. 0.00 min
 Lab File: BM027951.D
 Acq: 24 Nov 2020 20:09

Instrument :
 BNA_M
 ClientSampled :
 C0B17

Tot Ion	Ratio	Lower	Upper
166	100		
165	96.4	78.1	117.1
167	14.3	11.8	17.8

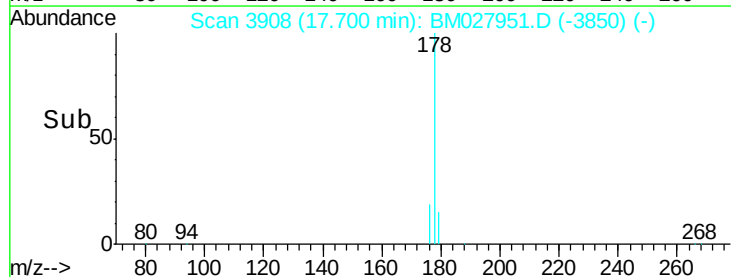
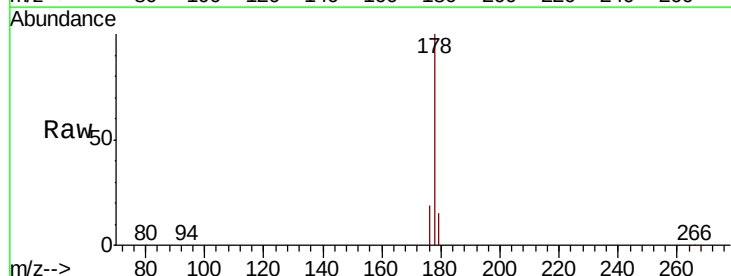
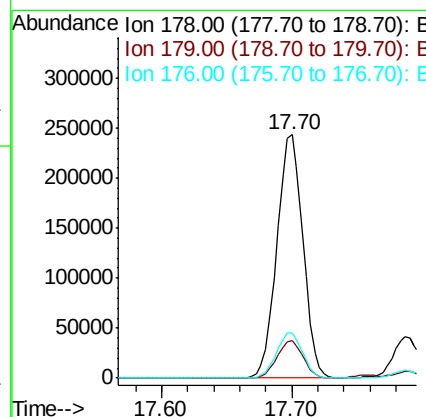
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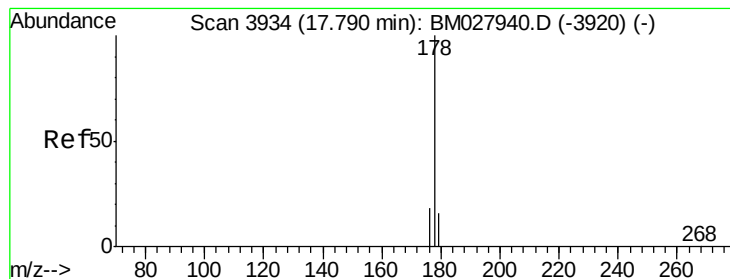
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#12
Phenanthrene
 Concen: 34.799 ng/ul
 RT: 17.70 min Scan# 3908
 Delta R.T. 0.00 min
 Lab File: BM027951.D
 Acq: 24 Nov 2020 20:09

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.4	13.6	20.4
176	18.6	16.1	24.1





#13

Anthracene

Concen: 6.121 ng/ul

RT: 17.79 min Scan# 3933

Delta R.T. -0.00 min

Lab File: BM027951.D

Acq: 24 Nov 2020 20:09

Instrument :

BNA_M

ClientSampleId :

C0B17

Tot Ion:178 Resp: 56958

Ion Ratio Lower Upper

178 100

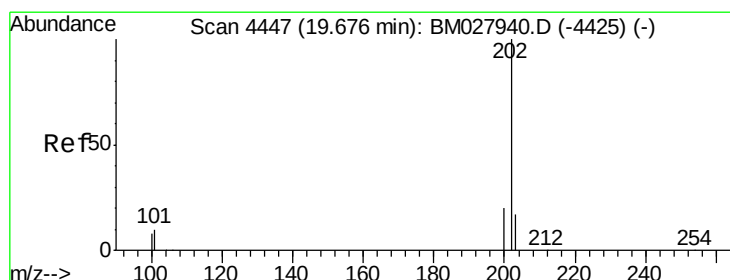
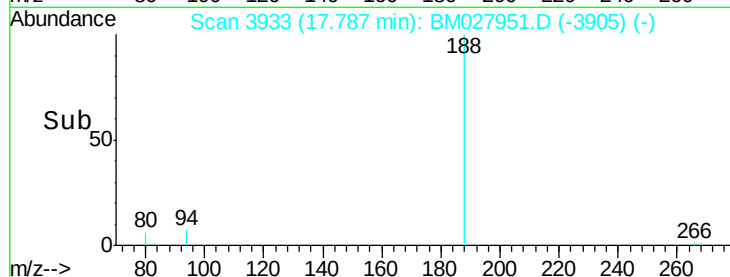
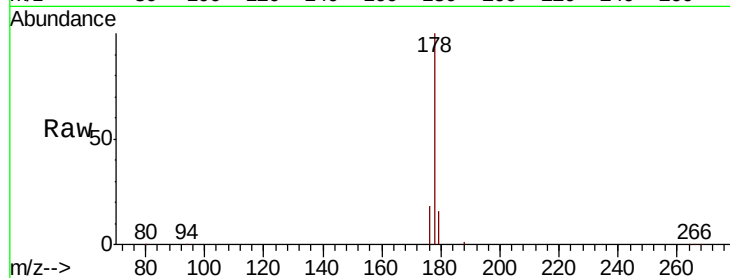
179 15.6 13.4 20.2

176 18.1 15.0 22.6

Manual Integrations
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#15

Fluoranthene

Concen: 86.796 ng/ul

RT: 19.68 min Scan# 4448

Delta R.T. 0.00 min

Lab File: BM027951.D

Acq: 24 Nov 2020 20:09

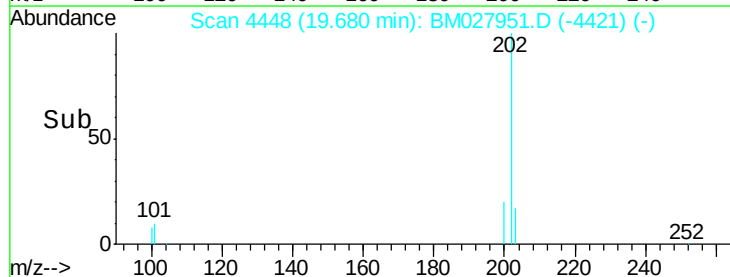
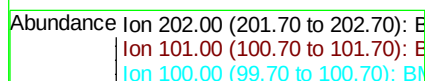
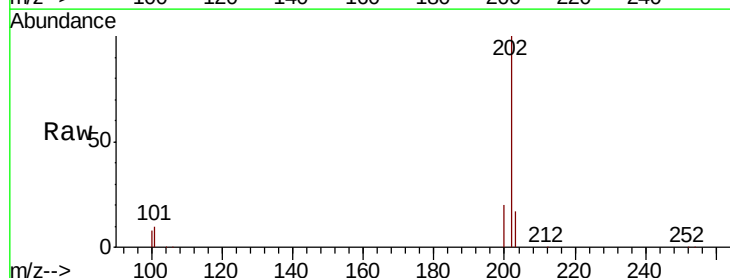
Tgt Ion:202 Resp: 928445

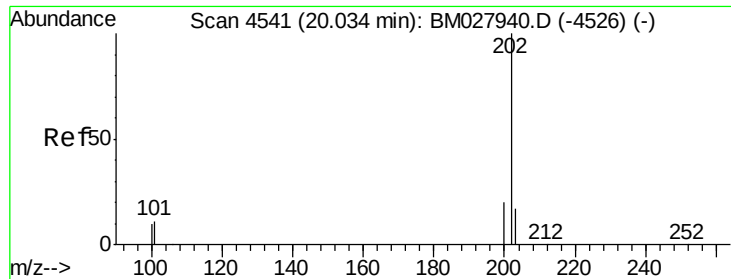
Ion Ratio Lower Upper

202 100

101 10.1 0.0 29.3

100 7.8 0.0 27.4





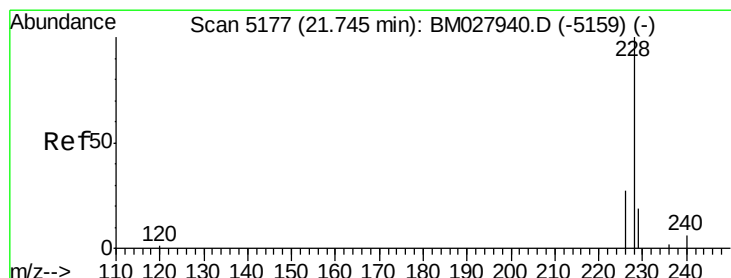
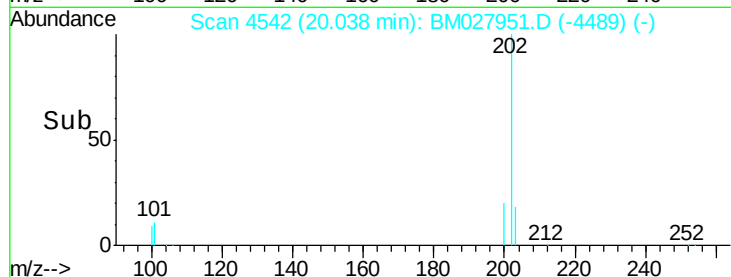
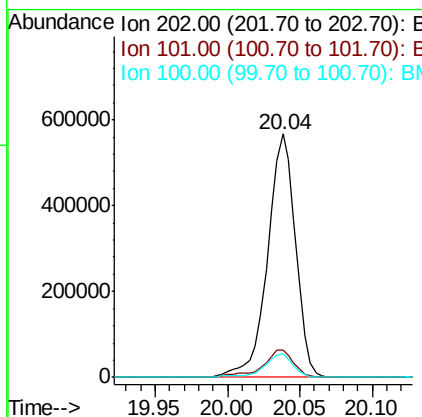
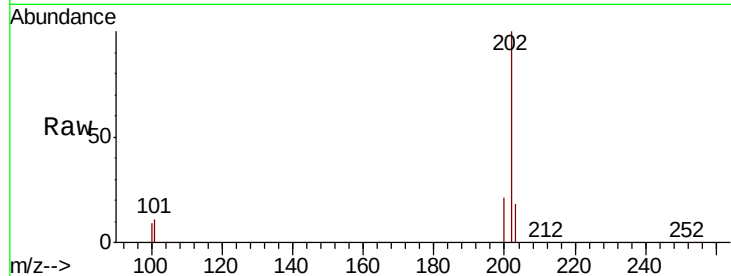
#17
Pvrene
Concen: 69.866 ng/ul
RT: 20.04 min Scan# 4542
Delta R.T. 0.00 min
Lab File: BM027951.D
Acq: 24 Nov 2020 20:09

Instrument :
BNA_M
ClientSampleId :
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Tot Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	11.4	8.2	12.2
100	9.5	6.9	10.3

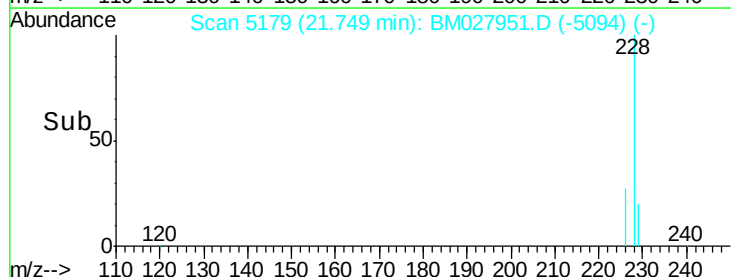
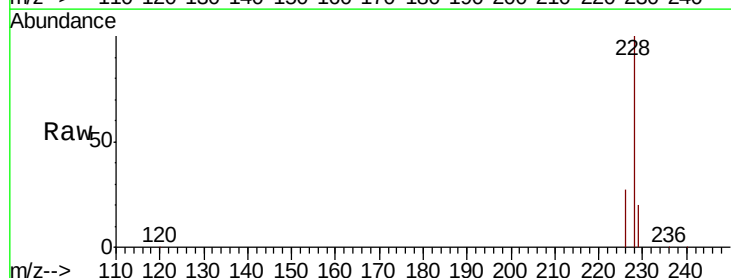
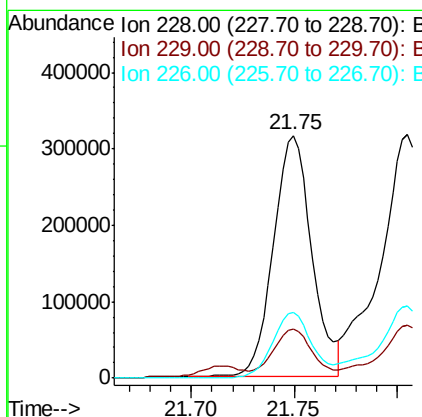
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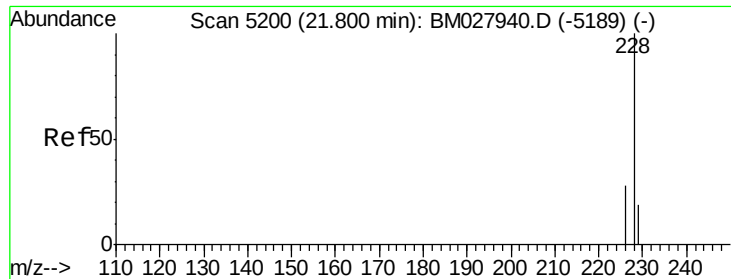
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#18
Benzo(a)anthracene
Concen: 48.029 ng/ul
RT: 21.75 min Scan# 5179
Delta R.T. 0.00 min
Lab File: BM027951.D
Acq: 24 Nov 2020 20:09

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	20.3	16.2	24.4
226	27.0	21.5	32.3





#19

Chrysene

Concen: 58.938 ng/ul

RT: 21.81 min Scan# 5202

Delta R.T. 0.00 min

Lab File: BM027951.D

Acq: 24 Nov 2020 20:09

Instrument :

BNA_M

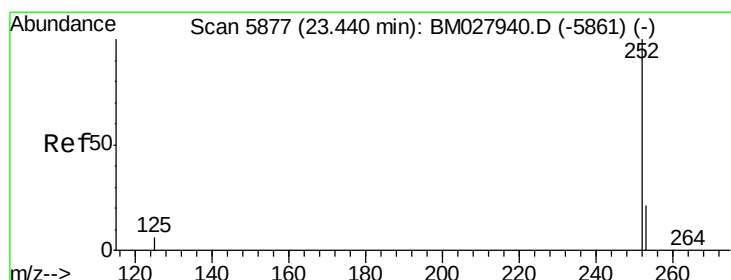
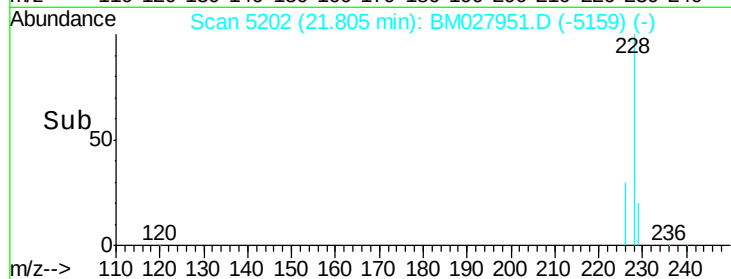
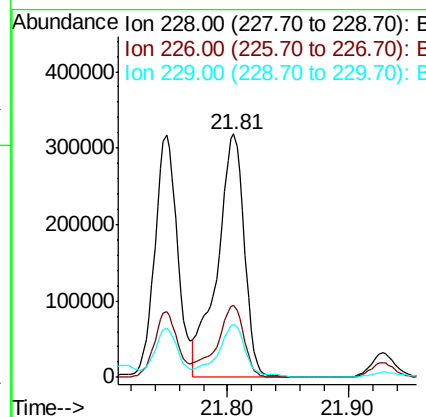
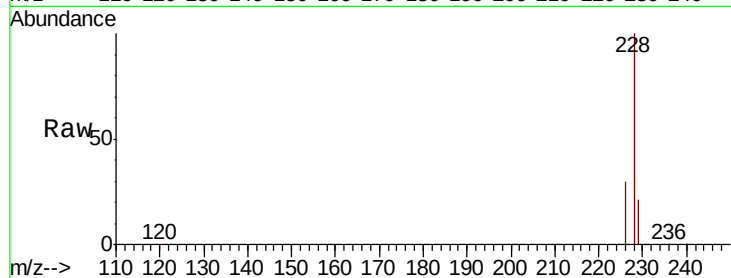
ClientSampleId :

C0B17

Tot Ion:	228	Resp:	492203
Ion Ratio	Lower	Upper	
228	100		
226	29.6	24.1	36.1
229	21.5	16.6	24.8

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#21

Benzo(b)fluoranthene

Concen: 51.468 ng/ul m

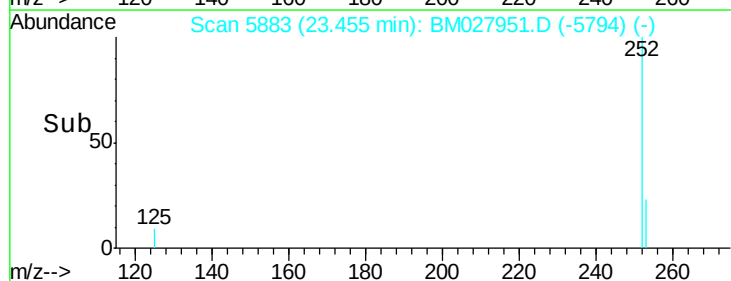
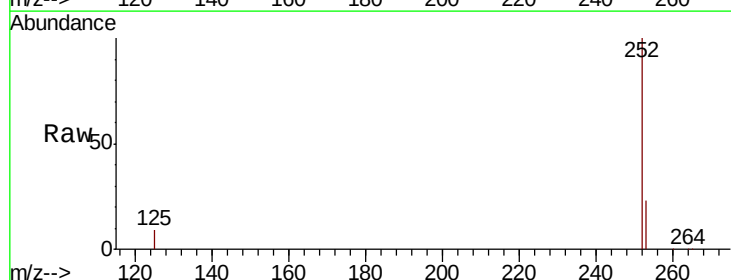
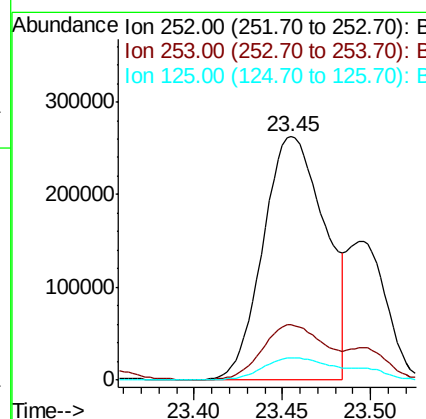
RT: 23.45 min Scan# 5883

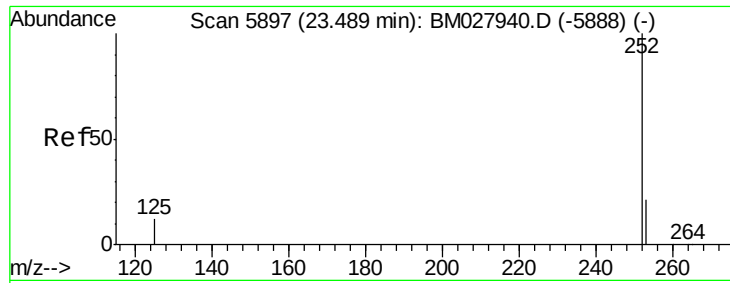
Delta R.T. 0.01 min

Lab File: BM027951.D

Acq: 24 Nov 2020 20:09

Tgt Ion:	252	Resp:	641769
Ion Ratio	Lower	Upper	
252	100		
253	22.7	0.0	59.6
125	9.2	0.0	28.4





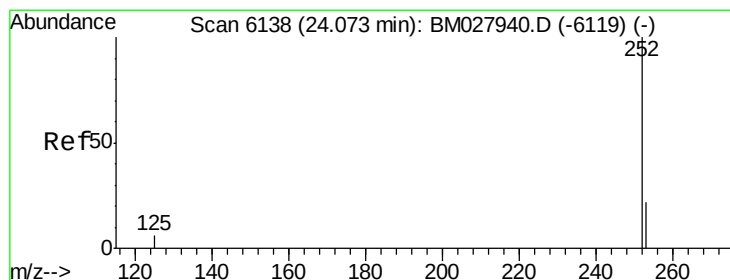
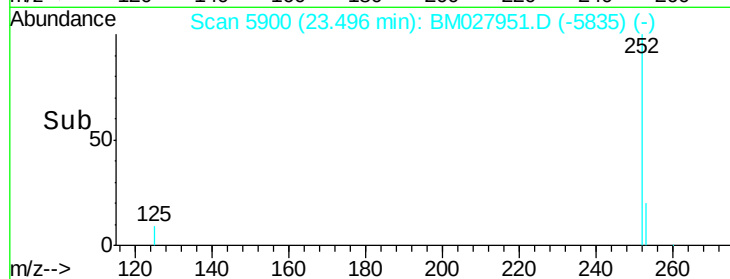
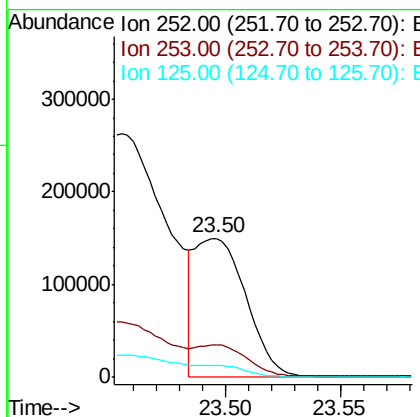
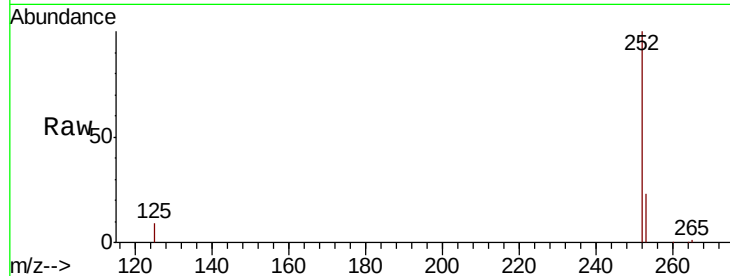
#22
Benzo(k)fluoranthene
Concen: 18.736 ng/ul m
RT: 23.50 min Scan# 5900
Delta R.T. 0.01 min
Lab File: BM027951.D
Acq: 24 Nov 2020 20:09

Instrument :
BNA_M
ClientSampleId :
C0B17

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	23.2	23.2	34.8
125	8.9	11.8	17.6#

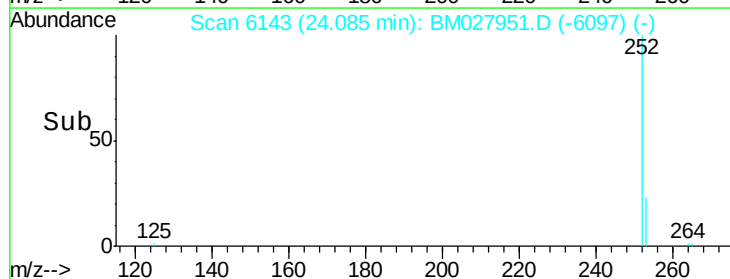
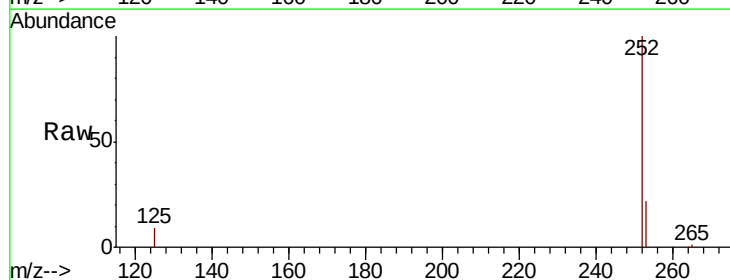
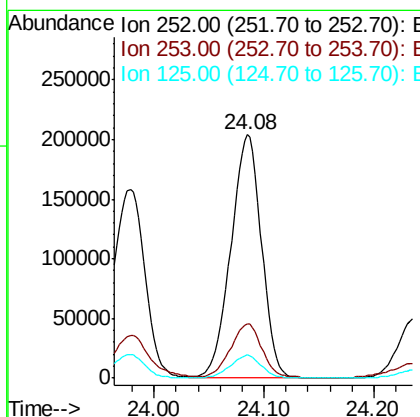
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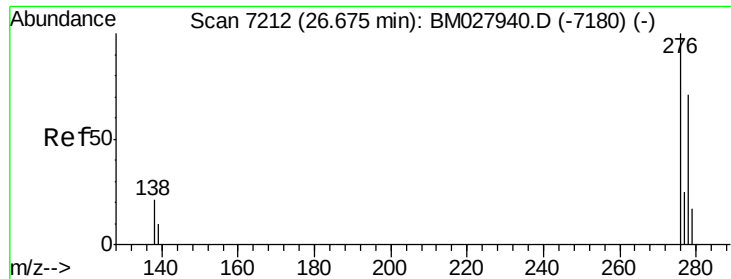
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#23
Benzo(a)pyrene
Concen: 35.860 ng/ul
RT: 24.08 min Scan# 6143
Delta R.T. 0.01 min
Lab File: BM027951.D
Acq: 24 Nov 2020 20:09

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	22.4	25.2	37.8#
125	9.4	13.8	20.6#





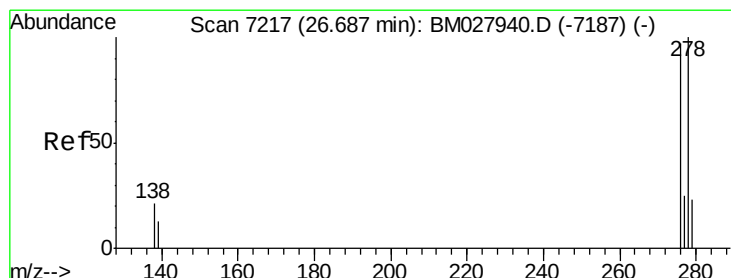
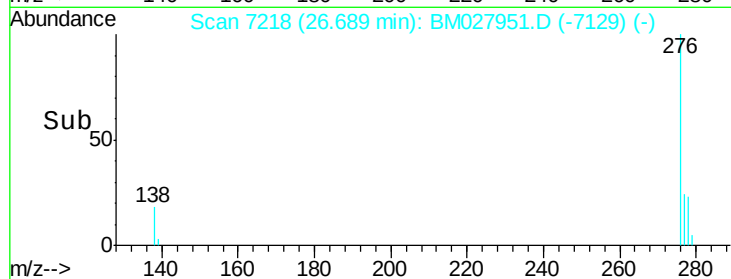
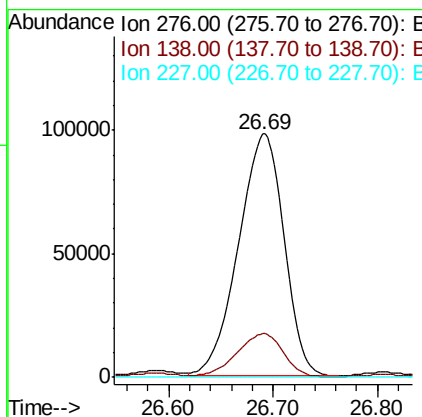
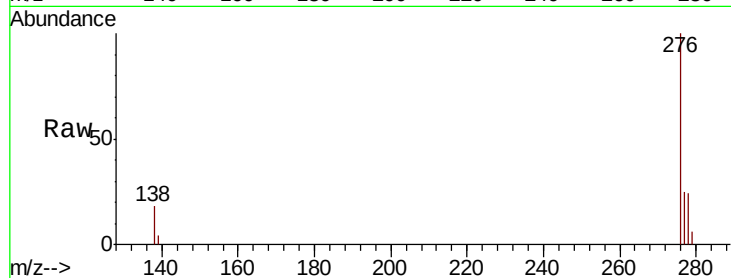
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 25.409 ng/ul
 RT: 26.69 min Scan# 7218
 Delta R.T. 0.01 min
 Lab File: BM027951.D
 Acq: 24 Nov 2020 20:09

Instrument :
 BNA_M
 ClientSampleId :
 C0B17

Tot Ion	Ratio	Lower	Upper
276	100		
138	18.0	15.7	23.5
227	0.0	0.0	0.0

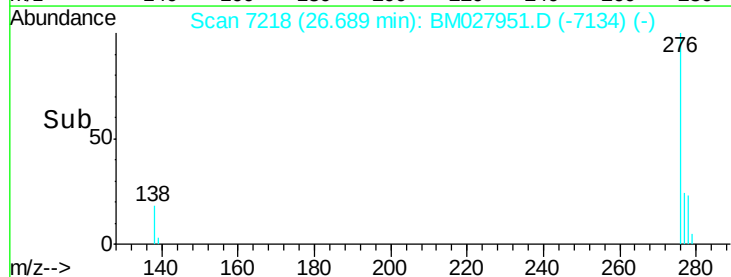
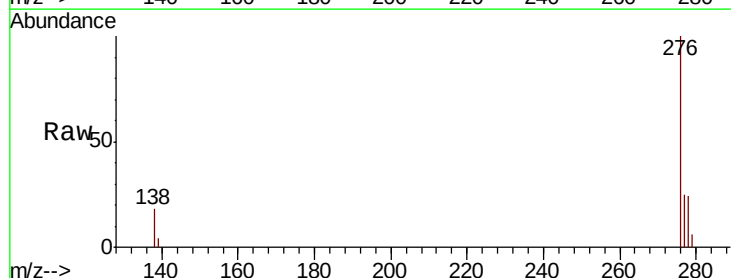
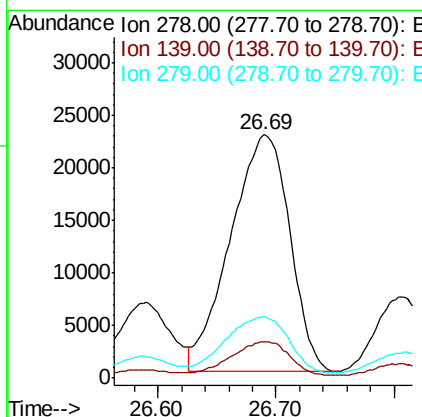
Manual Integrations
 APPROVED

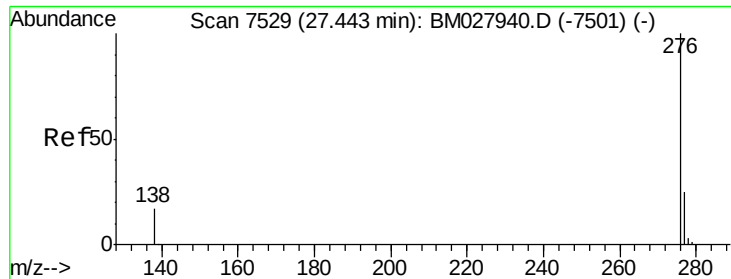
mohammad
 11/25/2020 12:46:29 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 7.972 ng/ul m
 RT: 26.69 min Scan# 7218
 Delta R.T. 0.00 min
 Lab File: BM027951.D
 Acq: 24 Nov 2020 20:09

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.9	14.8	22.2
279	25.2	25.8	38.6#





#26

Benzo(a,h,i)perylene

Concen: 26.404 ng/ul

RT: 27.47 min Scan# 7539

Delta R.T. 0.02 min

Lab File: BM027951.D

Acq: 24 Nov 2020 20:09

Instrument :

BNA_M

ClientSampleId :

C0B17

Tot Ion:	276	Resp:	261494
Ion Ratio	Lower	Upper	
276	100		
138	18.2	17.4	26.2
277	24.1	22.5	33.7

Manual Integrations
APPROVED

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11/25/2020 12:46:29 PM

