

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112320\
 Data File : BM027941.D
 Acq On : 24 Nov 2020 14:06
 Operator : JU/CG
 Sample : L4749-10
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0B76

Manual Integrations
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Quant Time: Nov 24 14:40:45 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 11:35:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.33	152	957	0.40	ng/ul	0.00
2) Naphthalene-d8	11.16	136	3831	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.94	164	2160	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.66	188	3634	0.40	ng/ul	0.00
16) Chrysene-d12	21.76	240	2015	0.40	ng/ul	0.00
20) Perylene-d12	24.18	264	1900	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.73	152	1027	0.16	ng/ul	0.00
14) Fluoranthene-d10	19.65	212	1390	0.14	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	11.21	128	664	0.058	ng/ul#	78
5) 2-Methylnaphthalene	12.80	142	240	0.031	ng/ul	97
7) Acenaphthylene	14.67	152	646	0.061	ng/ul#	77
8) Acenaphthene	15.00	153	2285	0.289	ng/ul	98
9) Fluorene	15.98	166	2464	0.269	ng/ul	99
11) Pentachlorophenol	17.30	266	43	0.035	ng/ul	93
12) Phenanthrene	17.70	178	86233	7.512	ng/ul	97
13) Anthracene	17.79	178	14191	1.282	ng/ul	99
15) Fluoranthene	19.68	202	151921	11.936	ng/ul	98
17) Pyrene	20.03	202	118930	11.622	ng/ul	97
18) Benzo(a)anthracene	21.74	228	46895	5.768	ng/ul	100
19) Chrysene	21.80	228	47266	5.969	ng/ul	99
21) Benzo(b)fluoranthene	23.45	252	56211m	7.040	ng/ul	
22) Benzo(k)fluoranthene	23.49	252	21750m	2.781	ng/ul	
23) Benzo(a)pyrene	24.08	252	38221	5.475	ng/ul#	85
24) Indeno(1,2,3-cd)pyrene	26.67	276	26568	3.515	ng/ul#	96
25) Dibenzo(a,h)anthracene	26.67	278	6321	1.004	ng/ul	96
26) Benzo(g,h,i)perylene	27.45	276	24364	3.842	ng/ul	94

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

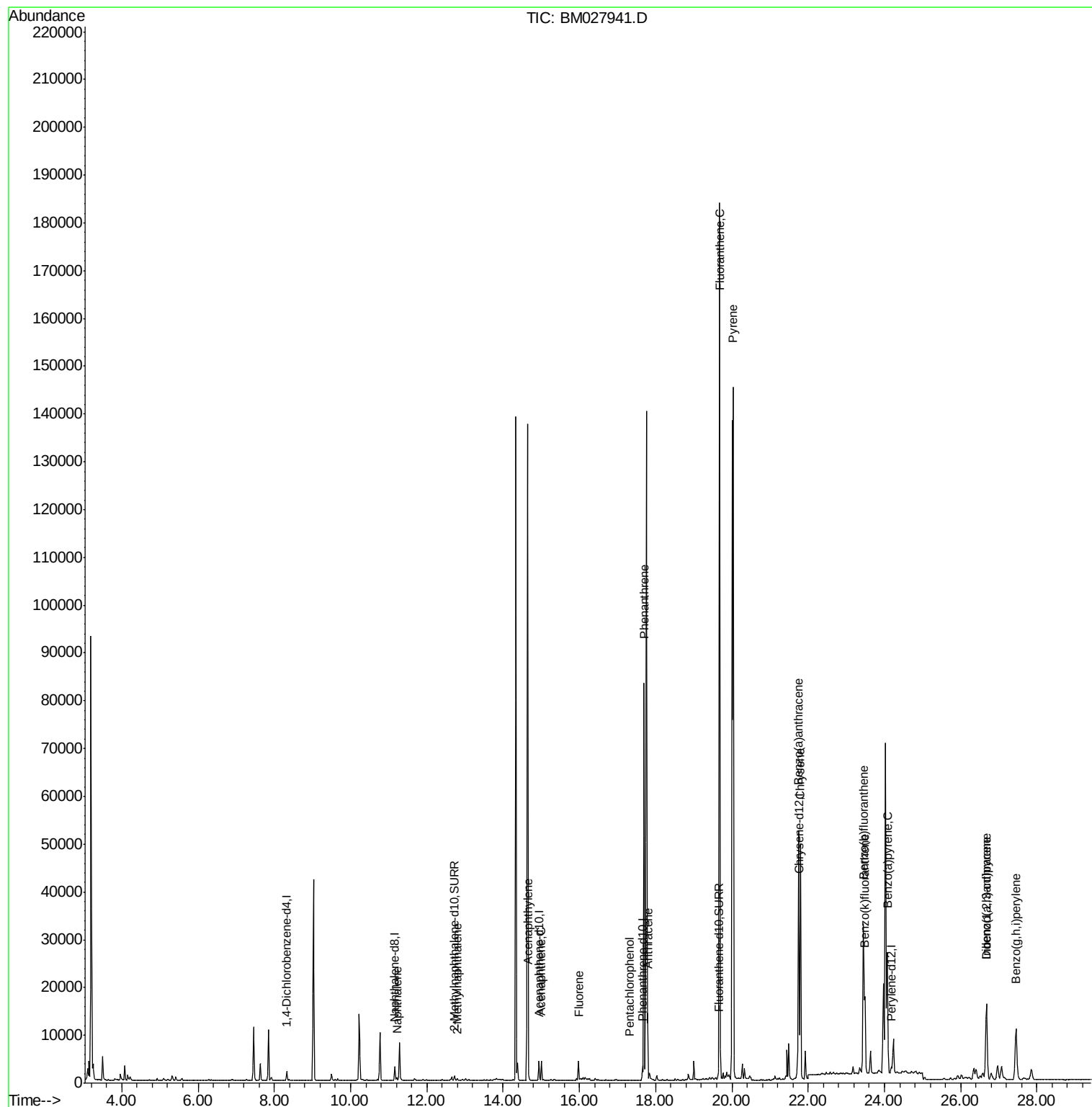
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112320\
Data File : BM027941.D
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ALS Vial : 35 Sample Multiplier: 1

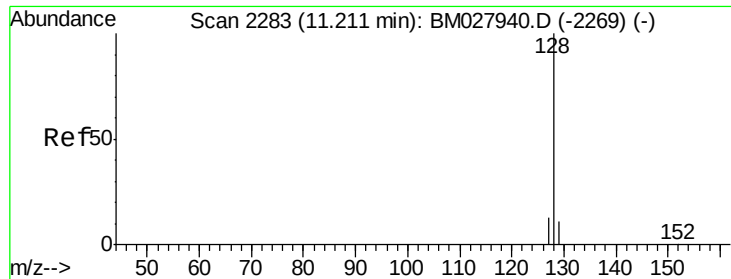
Instrument :
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ClientSampleId :
C0B76

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Quant Time: Nov 24 14:40:45 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM112020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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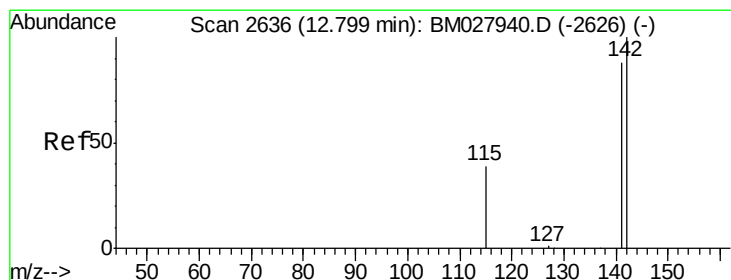
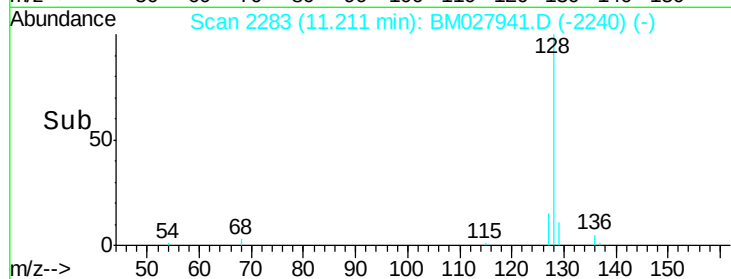
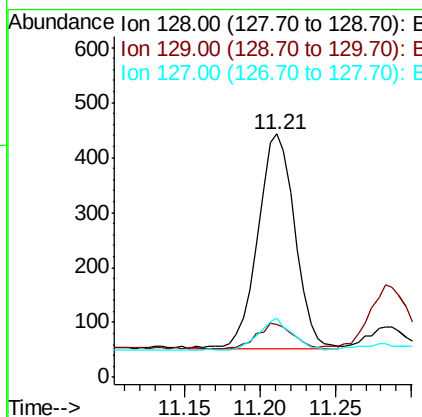
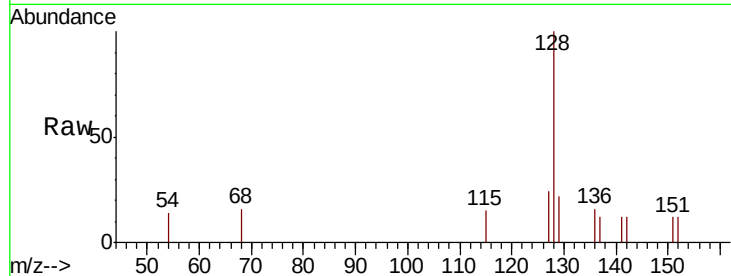
#3
Naphthalene
Concen: 0.058 ng/ul
RT: 11.21 min Scan# 2283
Delta R.T. -0.00 min
Lab File: BM027941.D
Acq: 24 Nov 2020 14:06

Instrument :
BNA_M
ClientSampleId :
C0B76

Tot Ion	Ratio	Lower	Upper
128	100		
129	21.7	10.4	15.6#
127	24.4	12.0	18.0#

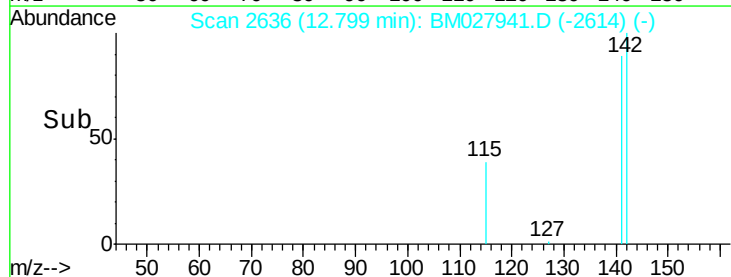
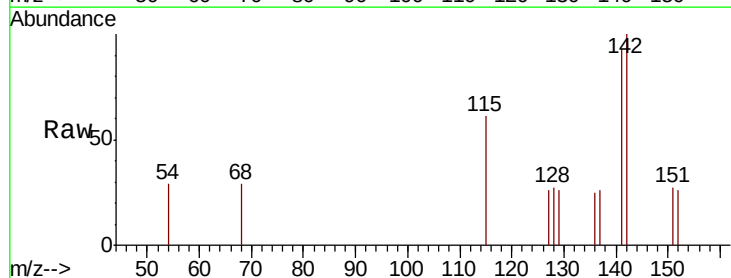
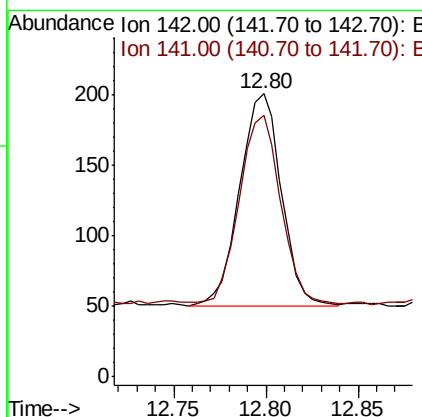
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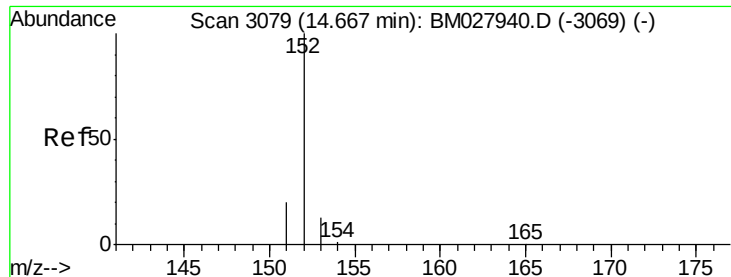
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#5
2-Methylnaphthalene
Concen: 0.031 ng/ul
RT: 12.80 min Scan# 2636
Delta R.T. 0.00 min
Lab File: BM027941.D
Acq: 24 Nov 2020 14:06

Tgt Ion	Ratio	Lower	Upper
142	100		
141	87.1	71.6	107.4





#7

Acenaphthylene

Concen: 0.061 ng/ul

RT: 14.67 min Scan# 3079

Delta R.T. -0.00 min

Lab File: BM027941.D

Acq: 24 Nov 2020 14:06

Instrument :

BNA_M

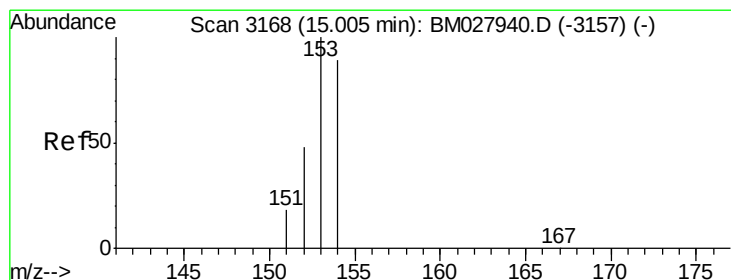
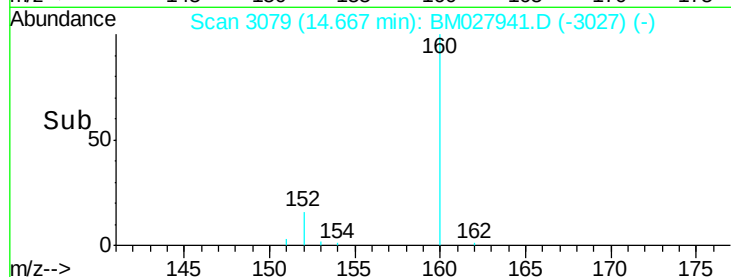
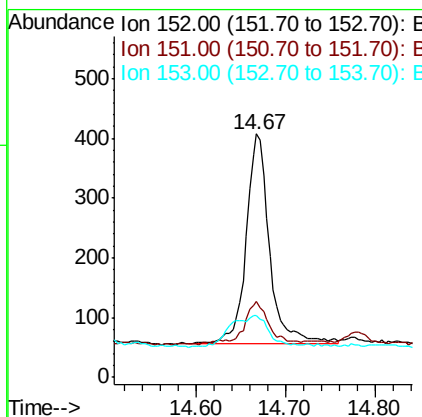
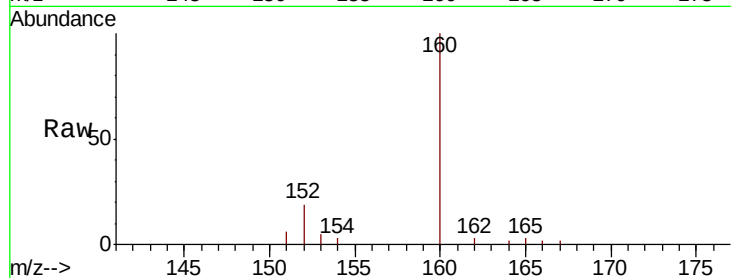
ClientSampleId :

C0B76

Tot Ion:	152	Resp:	646
Ion Ratio	Lower	Upper	
152	100		
151	31.4	17.1	25.7#
153	25.5	12.0	18.0#

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#8

Acenaphthene

Concen: 0.289 ng/ul

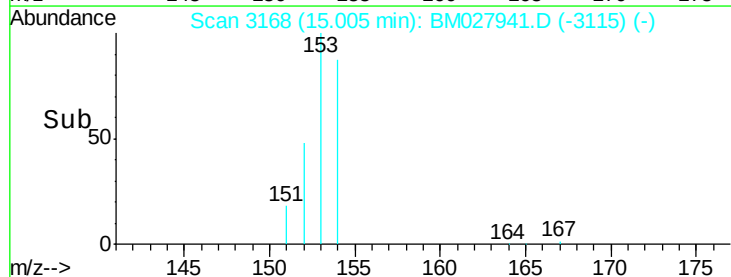
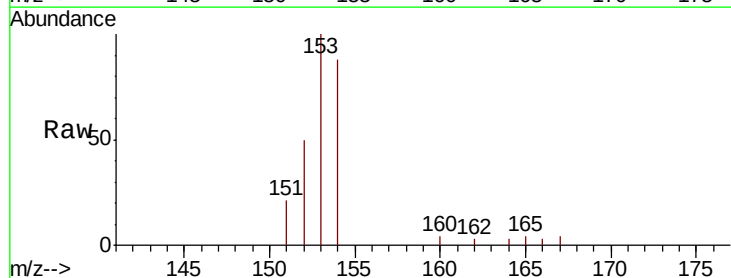
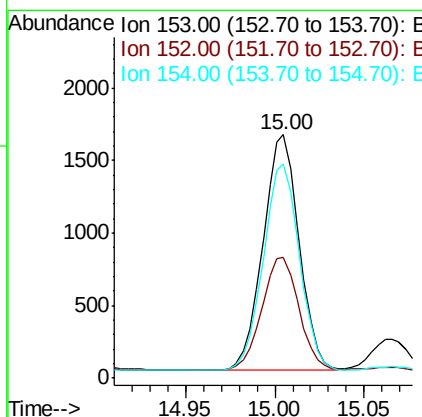
RT: 15.00 min Scan# 3168

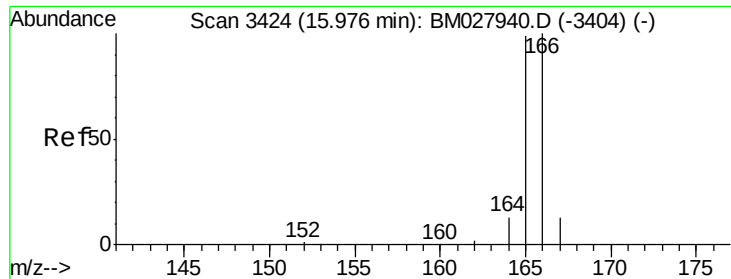
Delta R.T. 0.00 min

Lab File: BM027941.D

Acq: 24 Nov 2020 14:06

Tgt Ion:	153	Resp:	2285
Ion Ratio	Lower	Upper	
153	100		
152	49.8	39.0	58.6
154	87.8	71.6	107.4





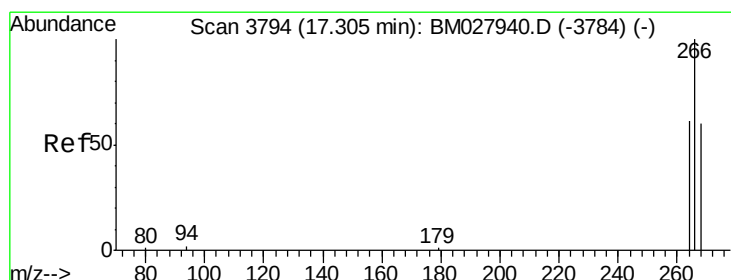
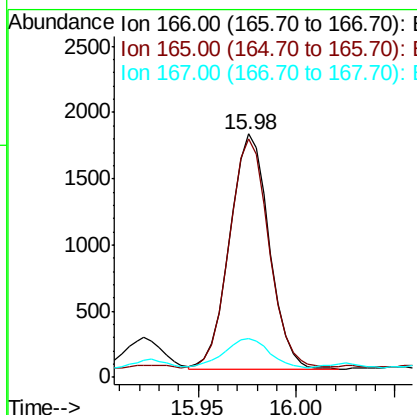
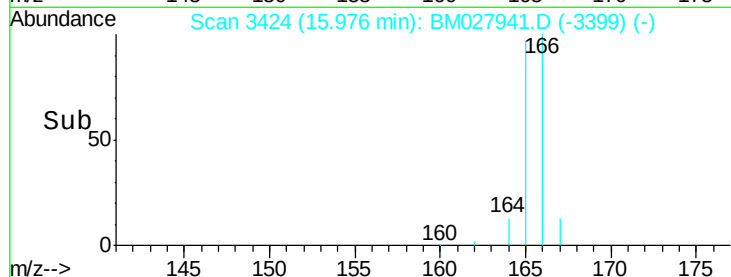
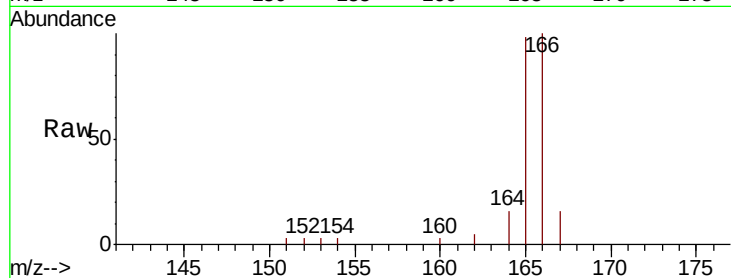
#9
Fluorene
 Concen: 0.269 ng/ul
 RT: 15.98 min Scan# 3424
 Delta R.T. -0.00 min
 Lab File: BM027941.D
 Acq: 24 Nov 2020 14:06

Instrument :
 BNA_M
 ClientSampled :
 C0B76

Tot Ion:	166	Resp:	2464
Ion Ratio	Lower	Upper	
166	100		
165	98.0	78.1	117.1
167	16.0	11.8	17.8

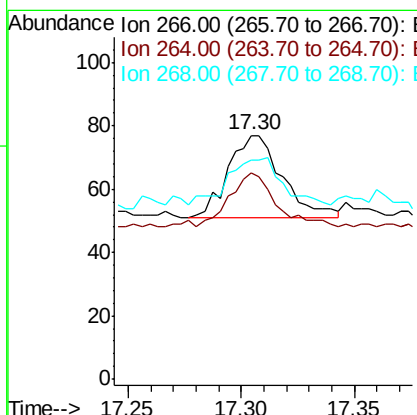
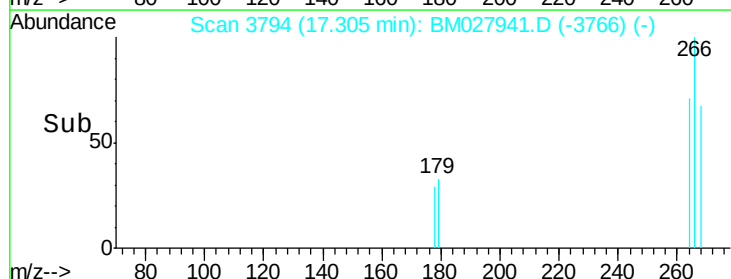
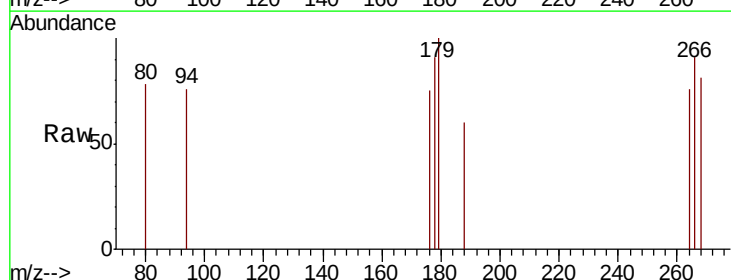
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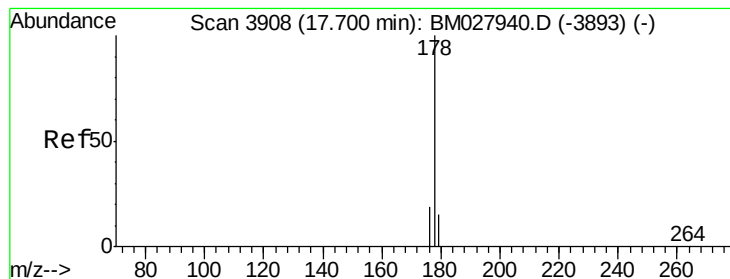
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#11
Pentachlorophenol
 Concen: 0.035 ng/ul
 RT: 17.30 min Scan# 3794
 Delta R.T. -0.00 min
 Lab File: BM027941.D
 Acq: 24 Nov 2020 14:06

Tgt Ion:	266	Resp:	43
Ion Ratio	Lower	Upper	
266	100		
264	55.8	49.6	74.4
268	60.5	52.1	78.1





#12

Phenanthrene

Concen: 7.512 ng/ul

RT: 17.70 min Scan# 3908

Delta R.T. 0.00 min

Lab File: BM027941.D

Acq: 24 Nov 2020 14:06

Instrument :

BNA_M

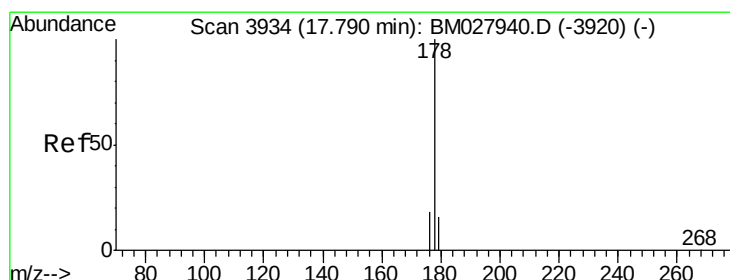
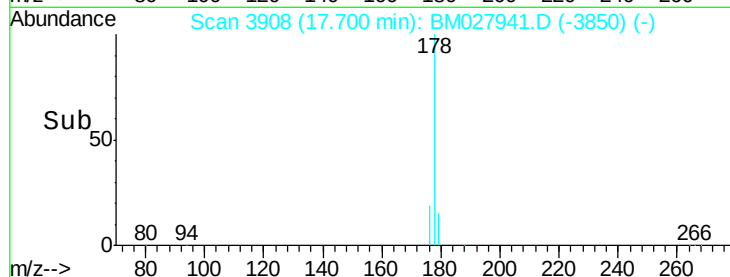
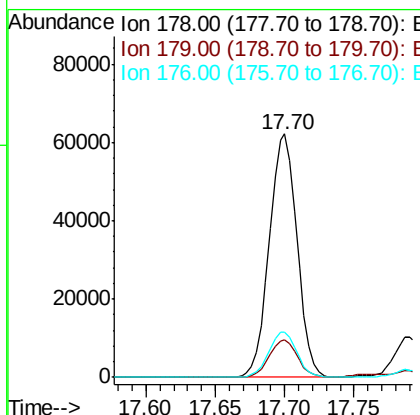
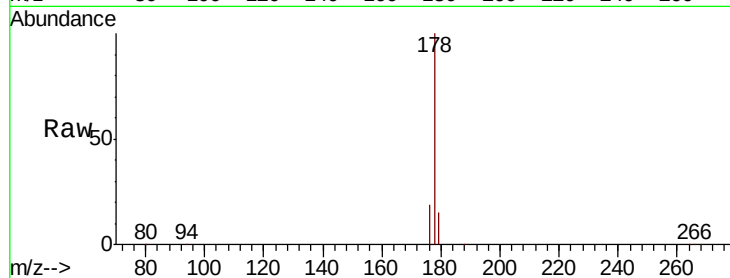
ClientSampleId :

C0B76

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.3	13.6	20.4
176	18.7	16.1	24.1

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#13

Anthracene

Concen: 1.282 ng/ul

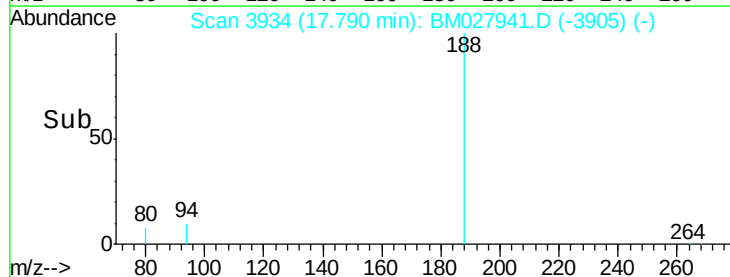
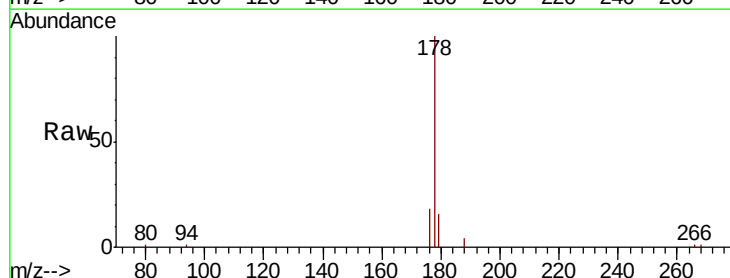
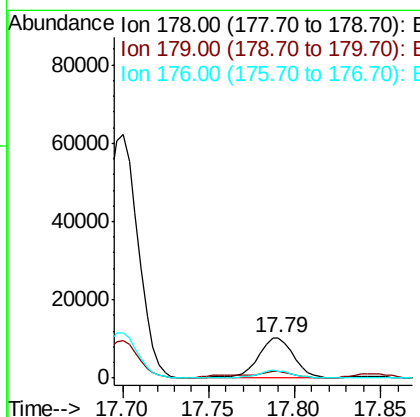
RT: 17.79 min Scan# 3934

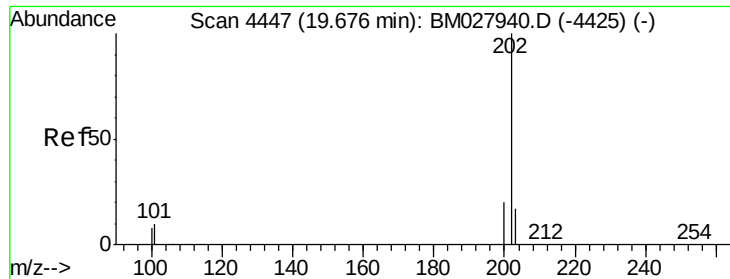
Delta R.T. 0.00 min

Lab File: BM027941.D

Acq: 24 Nov 2020 14:06

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.2	13.4	20.2
176	18.4	15.0	22.6





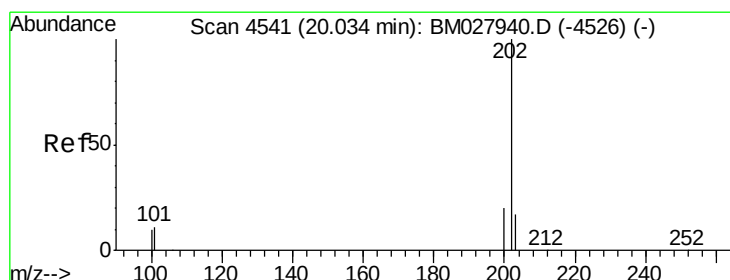
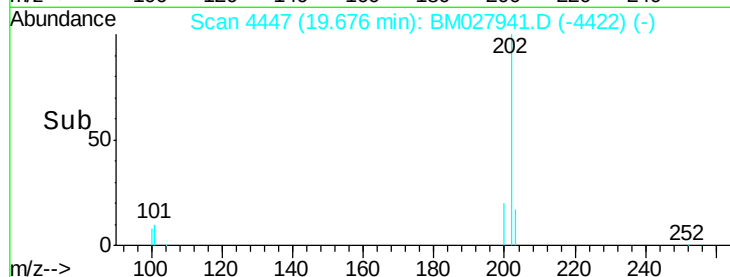
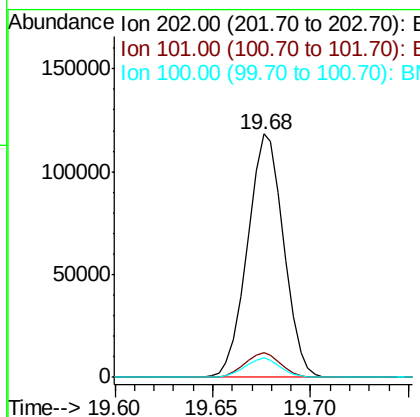
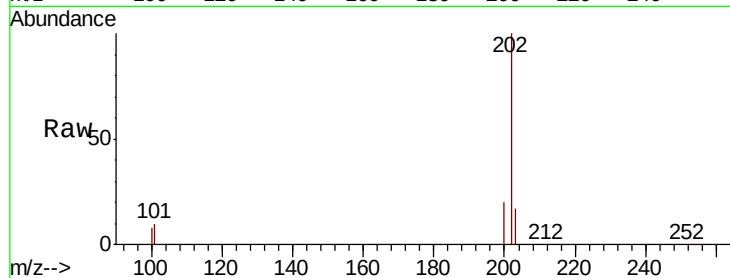
#15
Fluoranthene
Concen: 11.936 ng/ul
RT: 19.68 min Scan# 4447
Delta R.T. -0.00 min
Lab File: BM027941.D
Acq: 24 Nov 2020 14:06

Instrument :
BNA_M
ClientSampleId :
C0B76

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	10.0	0.0	29.3
100	7.8	0.0	27.4

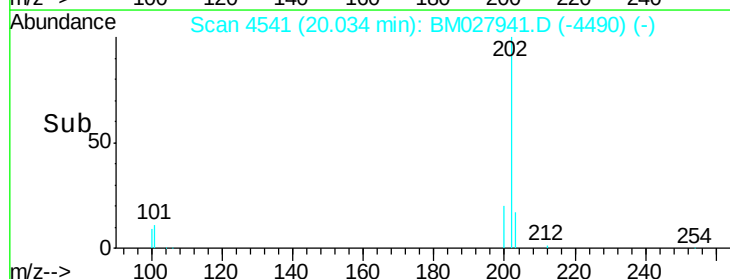
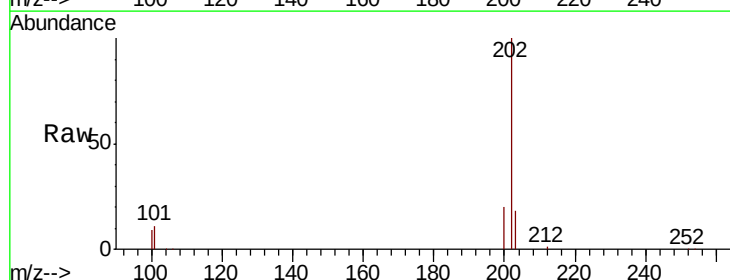
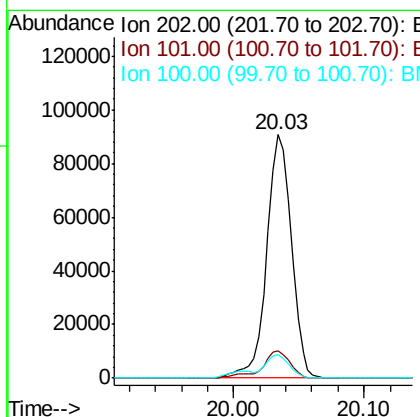
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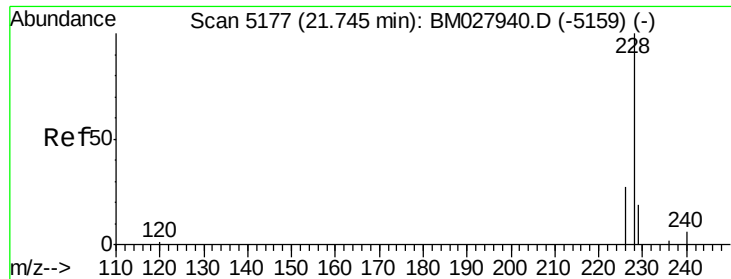
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#17
Pyrene
Concen: 11.622 ng/ul
RT: 20.03 min Scan# 4541
Delta R.T. -0.00 min
Lab File: BM027941.D
Acq: 24 Nov 2020 14:06

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	11.4	8.2	12.2
100	9.5	6.9	10.3





#18

Benzo(a)anthracene

Concen: 5.768 ng/ul

RT: 21.74 min Scan# 5177

Delta R.T. -0.00 min

Lab File: BM027941.D

Acq: 24 Nov 2020 14:06

Instrument :

BNA_M

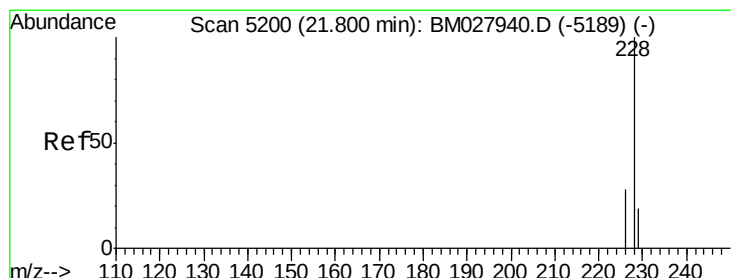
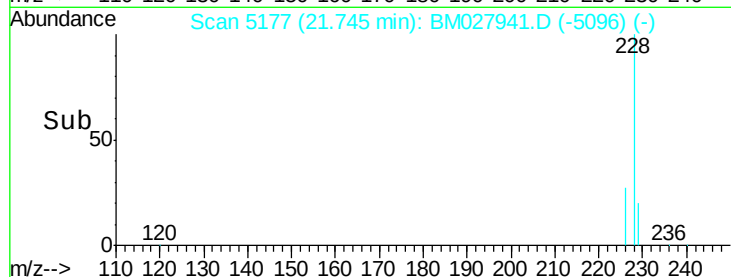
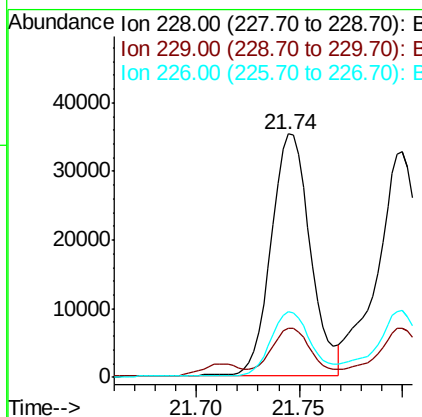
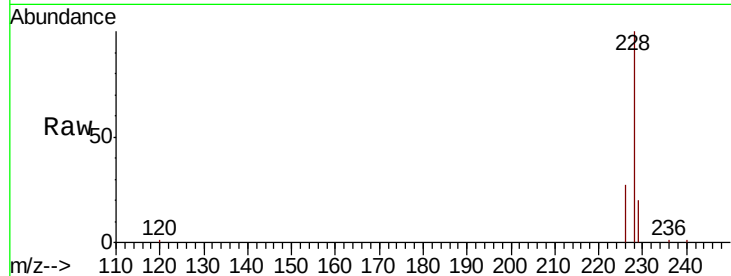
ClientSampleId :

C0B76

Tot Ion:	228	Resp:	46895
Ion Ratio	Lower	Upper	
228	100		
229	20.3	16.2	24.4
226	27.0	21.5	32.3

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#19

Chrysene

Concen: 5.969 ng/ul

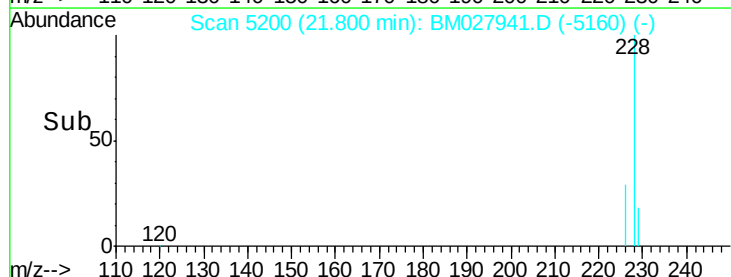
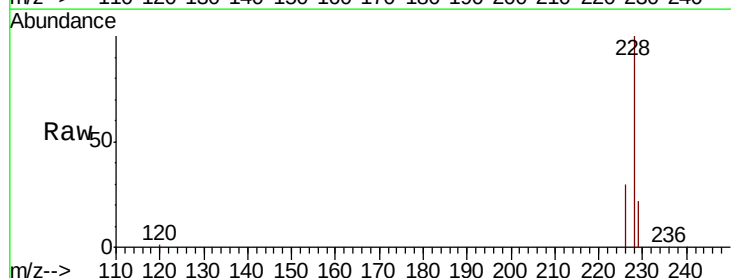
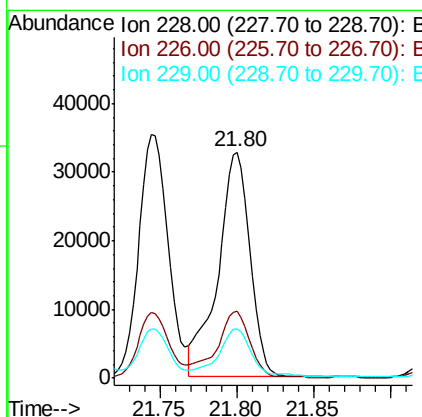
RT: 21.80 min Scan# 5200

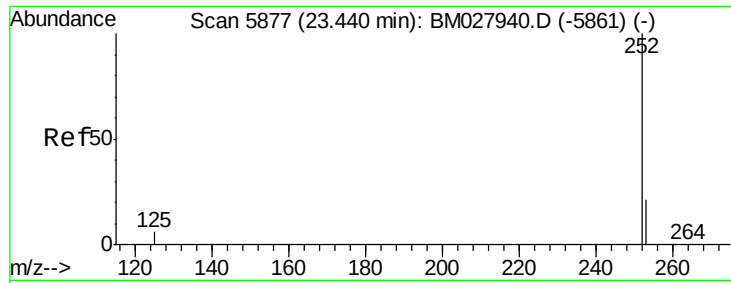
Delta R.T. -0.00 min

Lab File: BM027941.D

Acq: 24 Nov 2020 14:06

Tgt Ion:	228	Resp:	47266
Ion Ratio	Lower	Upper	
228	100		
226	29.5	24.1	36.1
229	21.6	16.6	24.8





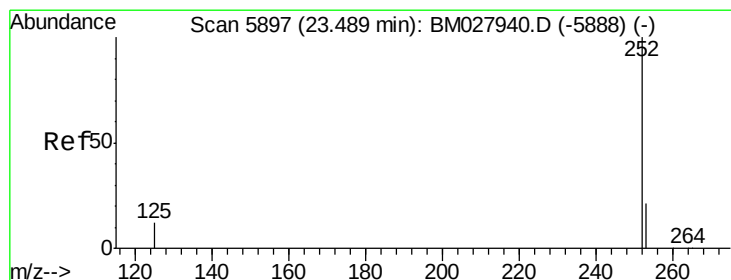
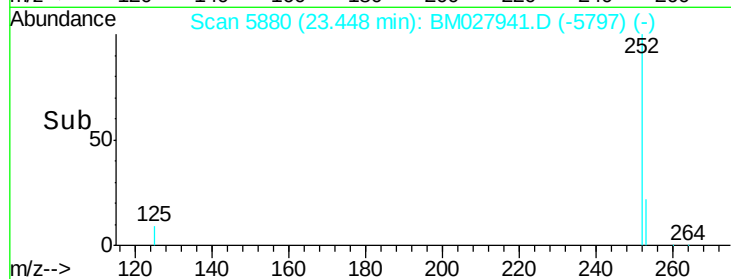
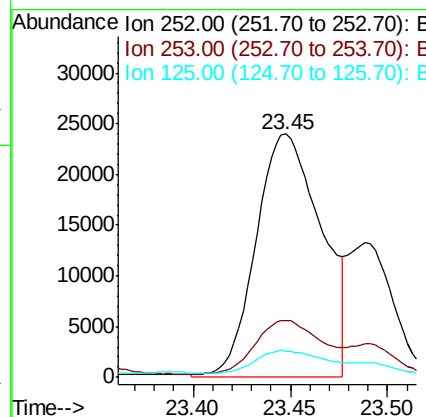
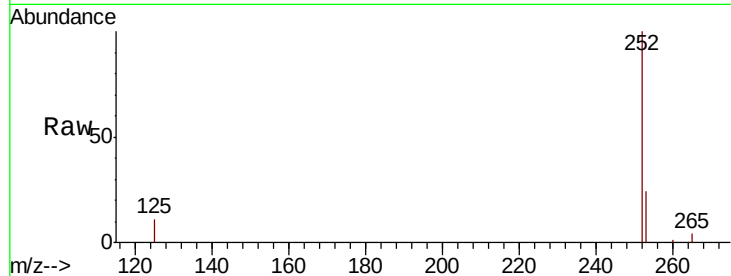
#21
Benzo(b)fluoranthene
Concen: 7.040 ng/ul m
RT: 23.45 min Scan# 5880
Delta R.T. 0.00 min
Lab File: BM027941.D
Acq: 24 Nov 2020 14:06

Instrument :
BNA_M
ClientSampleId :
C0B76

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.5	0.0	59.6
125	10.9	0.0	28.4

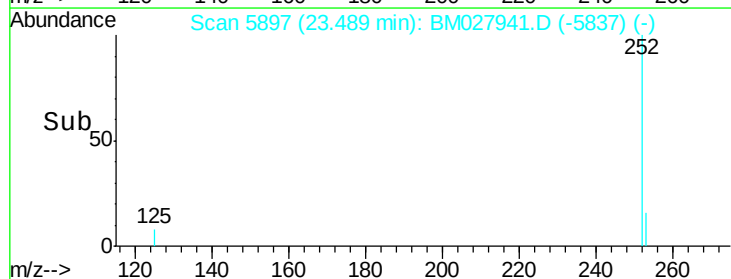
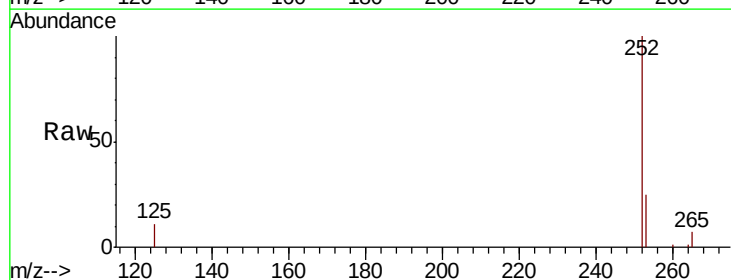
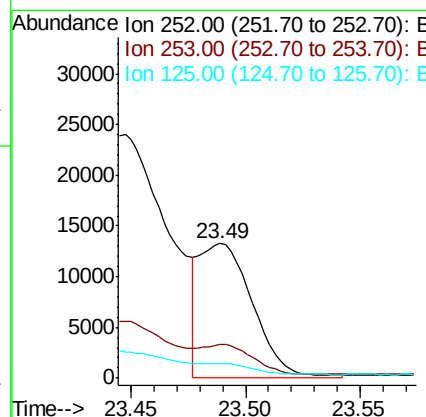
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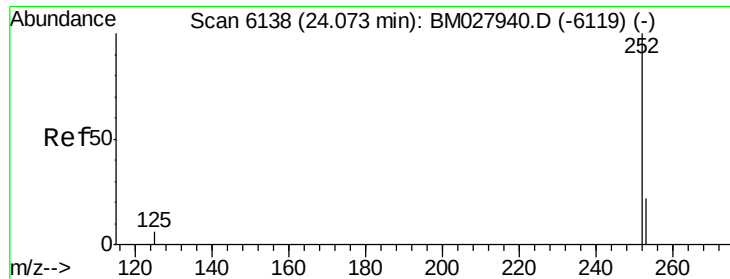
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#22
Benzo(k)fluoranthene
Concen: 2.781 ng/ul m
RT: 23.49 min Scan# 5897
Delta R.T. -0.00 min
Lab File: BM027941.D
Acq: 24 Nov 2020 14:06

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.7	23.2	34.8
125	10.9	11.8	17.6#





#23

Benzo(a)pyrene

Concen: 5.475 ng/ul

RT: 24.08 min Scan# 6139

Delta R.T. 0.00 min

Lab File: BM027941.D

Acq: 24 Nov 2020 14:06

Instrument :

BNA_M

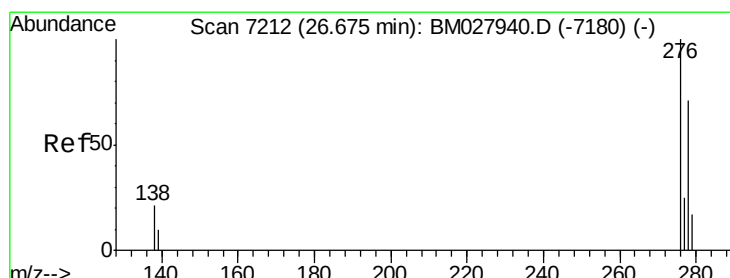
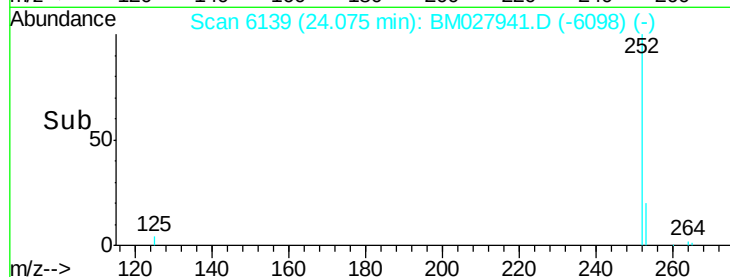
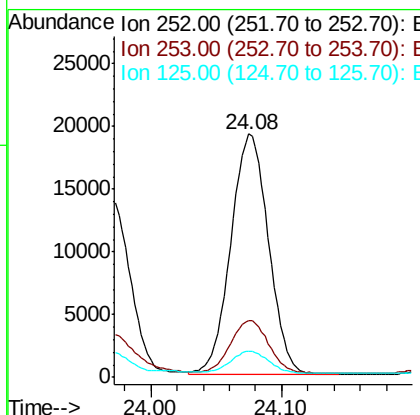
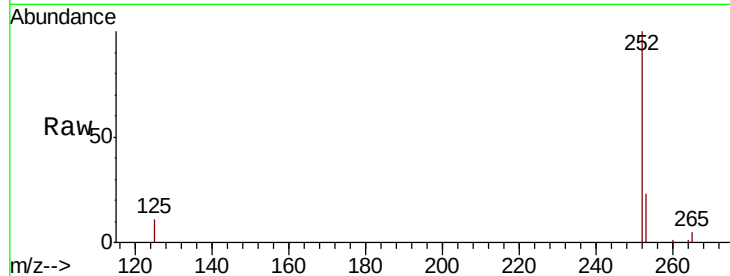
ClientSampleId :

C0B76

Tot Ion:	252	Resp:	38221
Ion Ratio	Lower	Upper	
252	100		
253	23.5	25.2	37.8#
125	10.8	13.8	20.6#

Manual Integrations
APPROVED

mohammad
11/25/2020 12:46:01 PM



#24

Indeno(1,2,3-cd)pyrene

Concen: 3.515 ng/ul

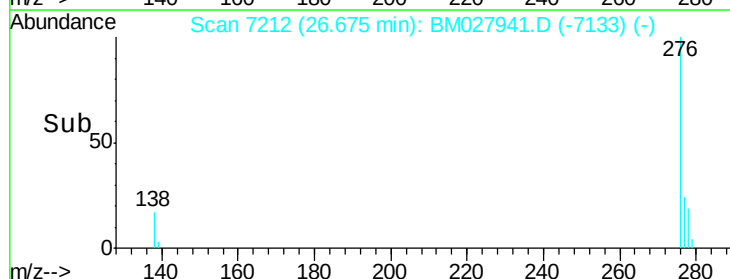
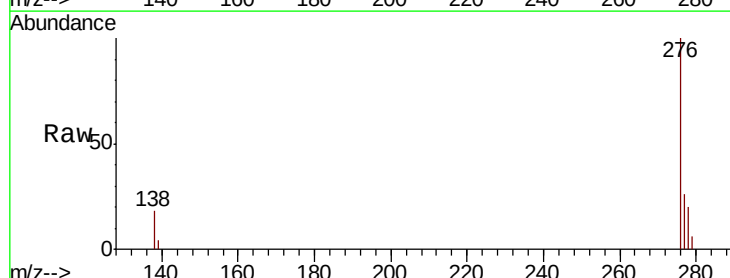
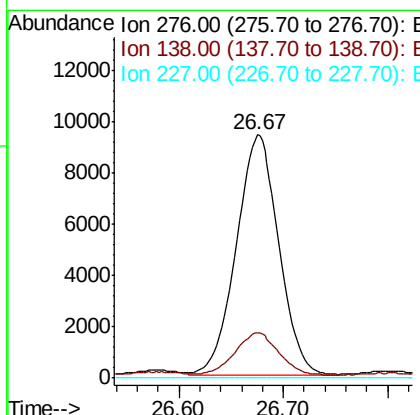
RT: 26.67 min Scan# 7212

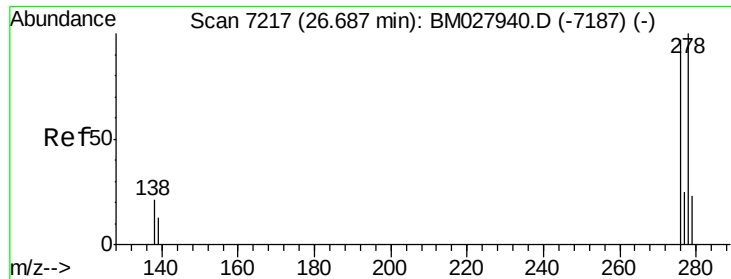
Delta R.T. -0.01 min

Lab File: BM027941.D

Acq: 24 Nov 2020 14:06

Tgt Ion:	276	Resp:	26568
Ion Ratio	Lower	Upper	
276	100		
138	18.0	15.7	23.5
227	0.0	0.0	0.0





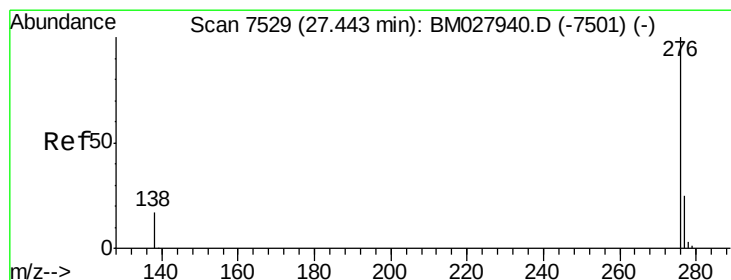
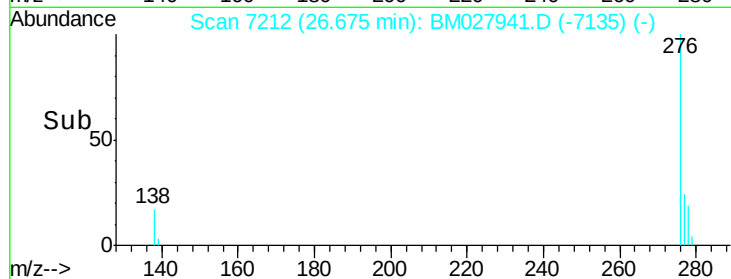
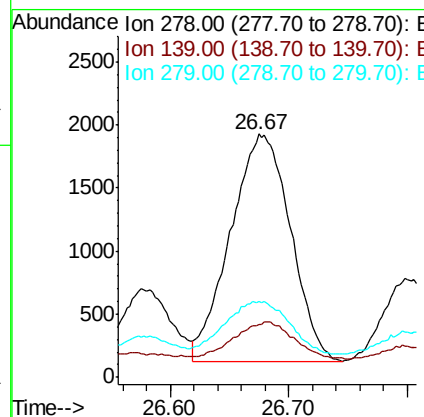
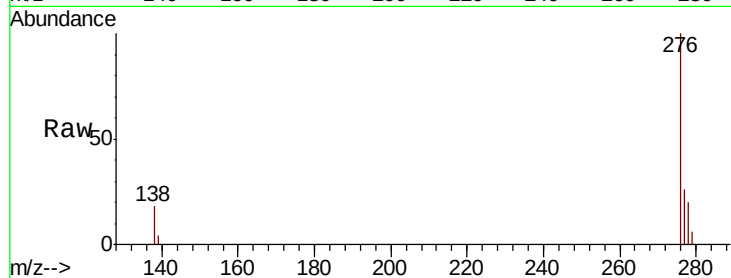
#25
Dibenzo(a,h)anthracene
Concen: 1.004 ng/ul
RT: 26.67 min Scan# 7212
Delta R.T. -0.01 min
Lab File: BM027941.D
Acq: 24 Nov 2020 14:06

Instrument :
BNA_M
ClientSampled :
C0B76

Tot Ion	Ratio	Lower	Upper
278	100		
139	21.8	14.8	22.2
279	31.2	25.8	38.6

Manual Integrations
APPROVED

mohammad
11/25/2020 12:46:01 PM



#26
Benzo(g,h,i)perylene
Concen: 3.842 ng/ul
RT: 27.45 min Scan# 7532
Delta R.T. -0.00 min
Lab File: BM027941.D
Acq: 24 Nov 2020 14:06

Tgt Ion	Ratio	Lower	Upper
276	100		
138	19.1	17.4	26.2
277	24.9	22.5	33.7

