

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112520\
 Data File : BM027979.D
 Acq On : 26 Nov 2020 00:26
 Operator : JU/CG
 Sample : L4749-19
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0B18

Manual Integrations
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mohammad
 11/27/2020 11:44:21 AM

Quant Time: Nov 26 01:37:45 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 : Thu Nov 26 00:48:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.32	152	1236	0.40	ng/ul	0.00
2) Naphthalene-d8	11.15	136	5008	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.94	164	2867	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.65	188	5058	0.40	ng/ul	0.00
16) Chrysene-d12	21.76	240	2810	0.40	ng/ul	0.00
20) Perylene-d12	24.17	264	2630	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.72	152	1861	0.22	ng/ul	0.00
14) Fluoranthene-d10	19.64	212	2796	0.21	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	11.20	128	557	0.037	ng/ul#	76
5) 2-Methylnaphthalene	12.79	142	353	0.035	ng/ul	98
7) Acenaphthylene	14.66	152	1522	0.109	ng/ul#	93
8) Acenaphthene	15.00	153	2189	0.209	ng/ul	99
9) Fluorene	15.97	166	2581	0.212	ng/ul	100
11) Pentachlorophenol	17.30	266	208	0.121	ng/ul	96
12) Phenanthrene	17.69	178	62822	3.932	ng/ul	97
13) Anthracene	17.78	178	9190	0.596	ng/ul	100
15) Fluoranthene	19.67	202	107373	6.061	ng/ul	99
17) Pyrene	20.03	202	86874	6.087	ng/ul	98
18) Benzo(a)anthracene	21.74	228	36874	3.252	ng/ul	99
19) Chrysene	21.79	228	42805	3.876	ng/ul	98
21) Benzo(b)fluoranthene	23.44	252	46619m	4.218	ng/ul	
22) Benzo(k)fluoranthene	23.48	252	17146m	1.584	ng/ul	
23) Benzo(a)pyrene	24.06	252	32214	3.333	ng/ul#	85
24) Indeno(1,2,3-cd)pyrene	26.66	276	21144	2.021	ng/ul#	97
25) Dibenzo(a,h)anthracene	26.67	278	5517	0.633	ng/ul#	96
26) Benzo(g,h,i)perylene	27.43	276	18958	2.160	ng/ul	94

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

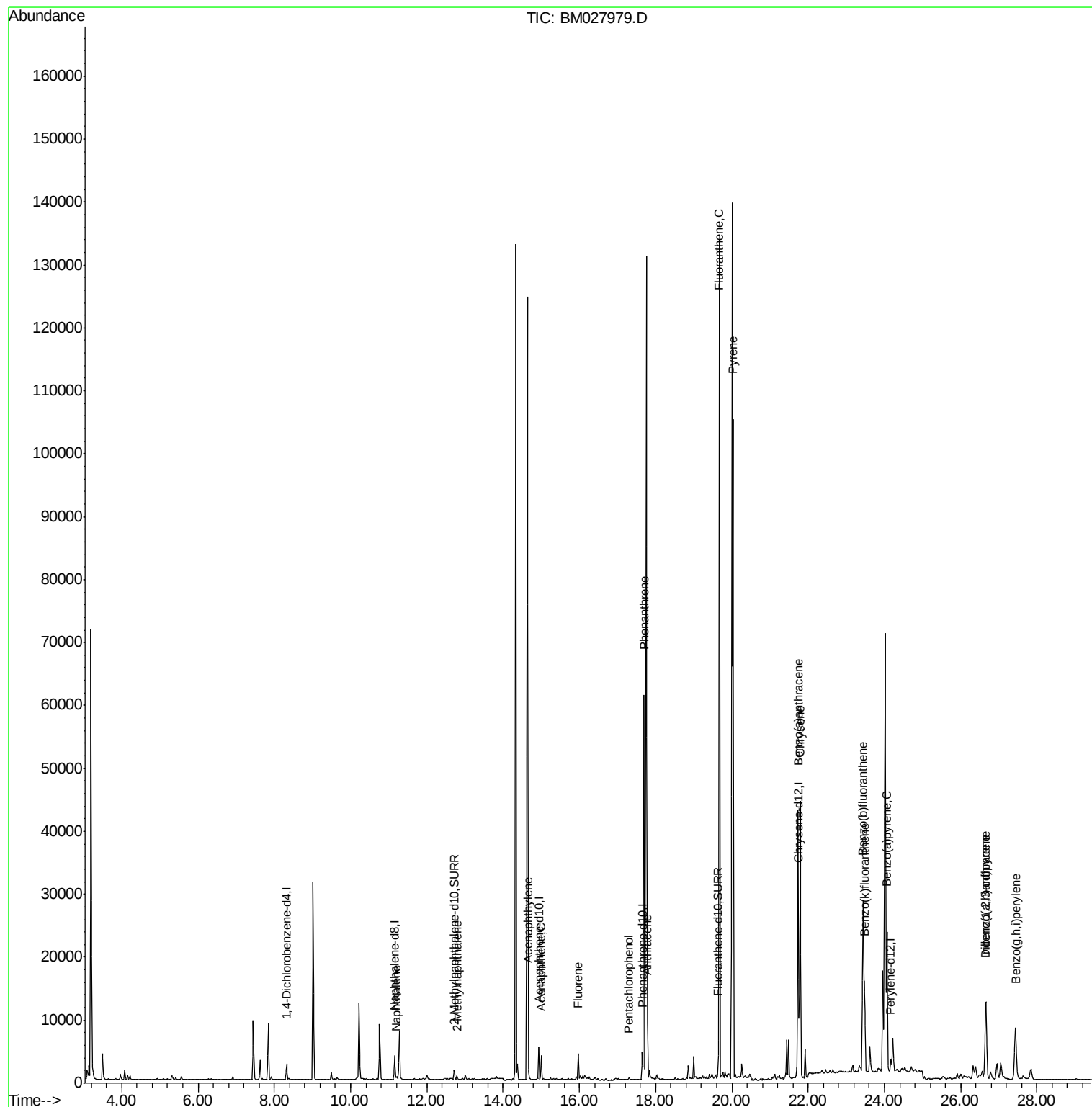
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112520\
Data File : BM027979.D
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ALS Vial : 25 Sample Multiplier: 1

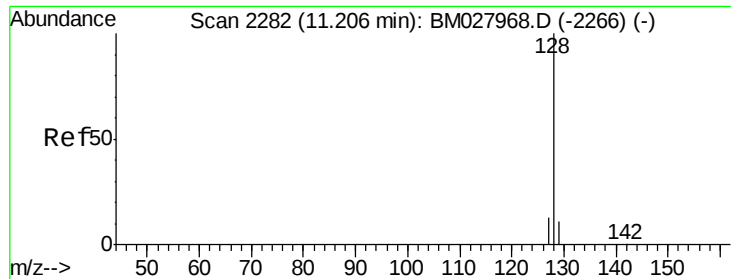
Instrument :
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Quant Time: Nov 26 01:37:45 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM112020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 26 00:48:20 2020
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.037 ng/ul

RT: 11.20 min Scan# 2281

Delta R.T. -0.00 min

Lab File: BM027979.D

Acq: 26 Nov 2020 00:26

Instrument :

BNA_M

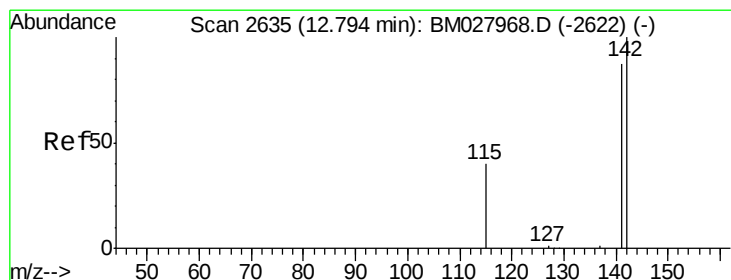
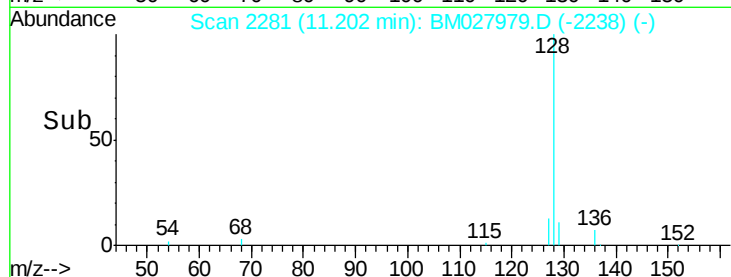
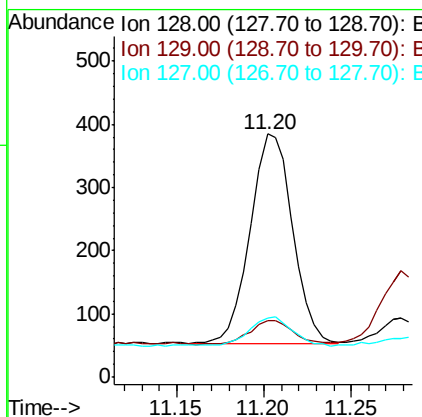
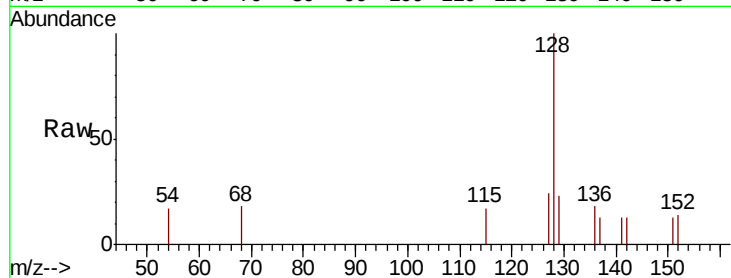
ClientSampled :

C0B18

Tot Ion:	128	Resp:	557
Ion Ratio	Lower	Upper	
128	100		
129	23.1	10.4	15.6#
127	24.2	12.0	18.0#

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#5

2-Methylnaphthalene

Concen: 0.035 ng/ul

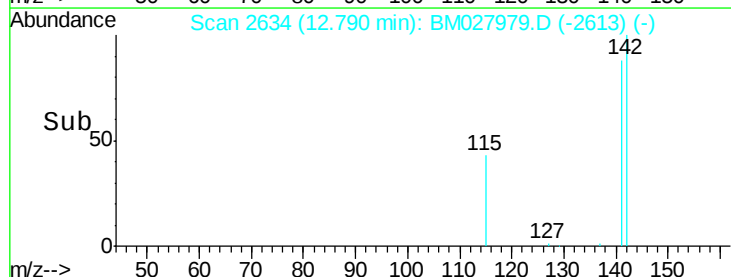
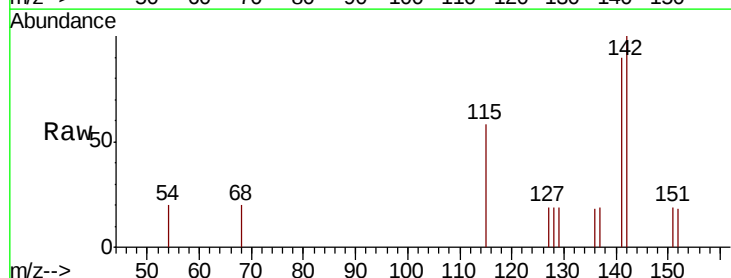
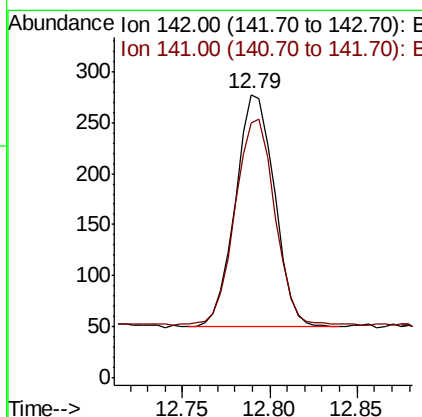
RT: 12.79 min Scan# 2634

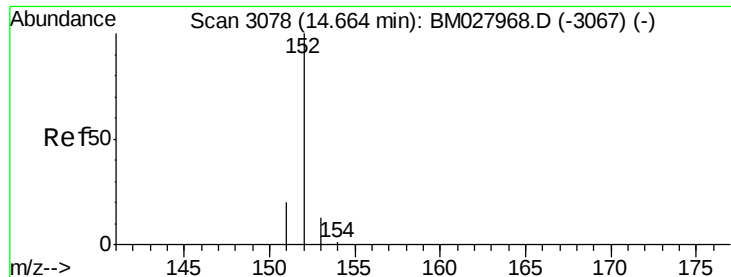
Delta R.T. -0.00 min

Lab File: BM027979.D

Acq: 26 Nov 2020 00:26

Tgt Ion:	142	Resp:	353
Ion Ratio	Lower	Upper	
142	100		
141	91.5	71.6	107.4





#7

Acenaphthylene

Concen: 0.109 ng/ul

RT: 14.66 min Scan# 3078

Delta R.T. 0.00 min

Lab File: BM027979.D

Acq: 26 Nov 2020 00:26

Instrument :

BNA_M

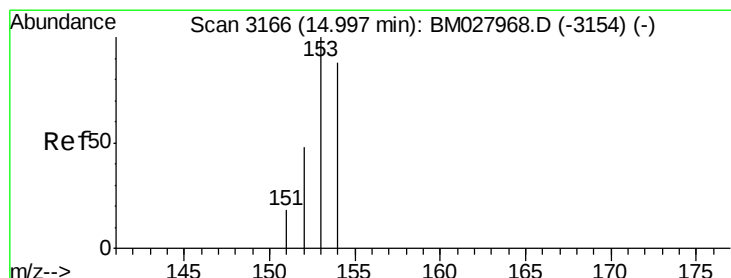
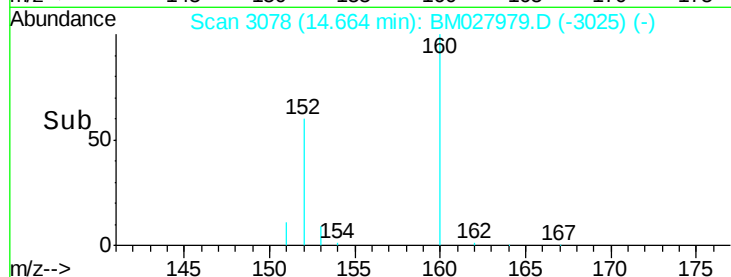
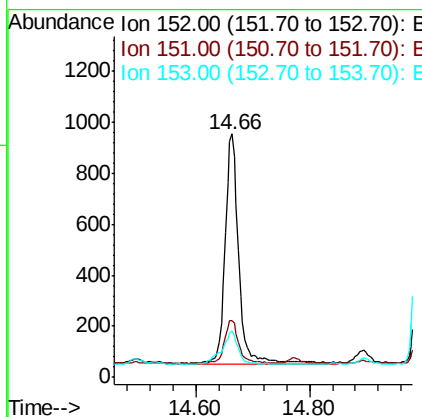
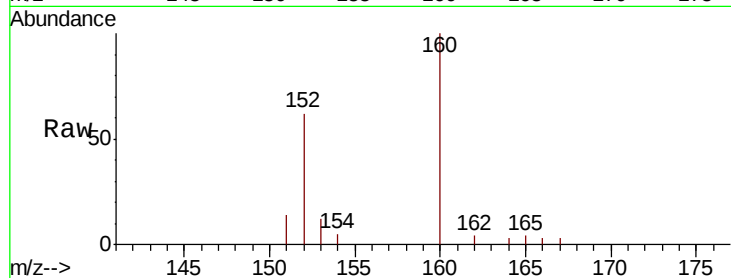
ClientSampleId :

C0B18

Tot Ion:	152	Resp:	1522
Ion Ratio	Lower	Upper	
152	100		
151	23.5	17.1	25.7
153	19.1	12.0	18.0#

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#8

Acenaphthene

Concen: 0.209 ng/ul

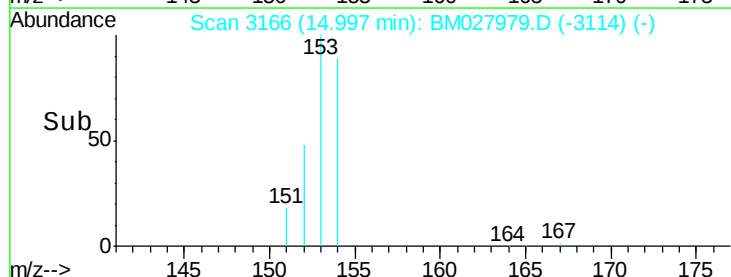
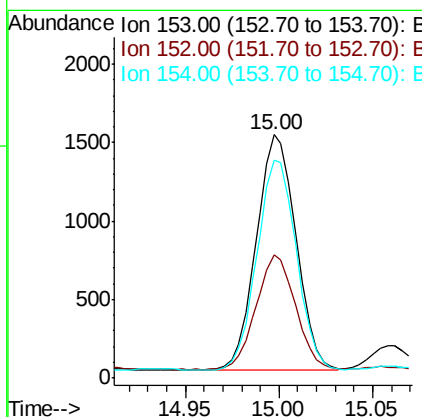
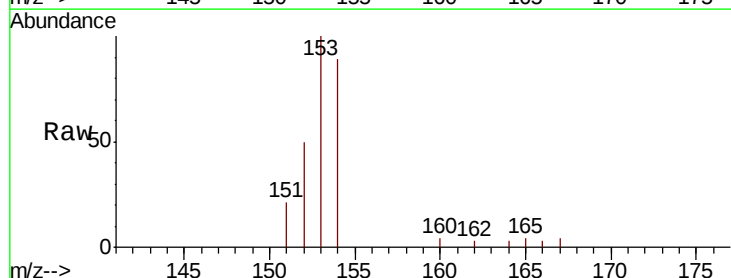
RT: 15.00 min Scan# 3166

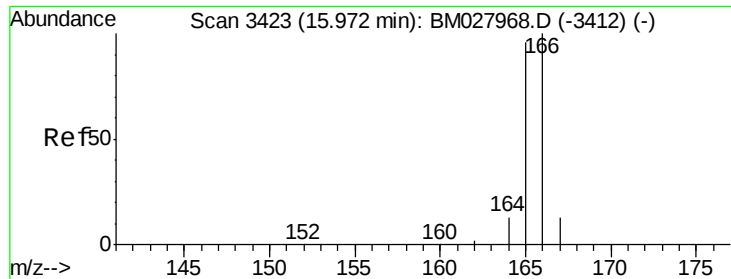
Delta R.T. -0.00 min

Lab File: BM027979.D

Acq: 26 Nov 2020 00:26

Tgt Ion:	153	Resp:	2189
Ion Ratio	Lower	Upper	
153	100		
152	50.4	39.0	58.6
154	89.3	71.6	107.4





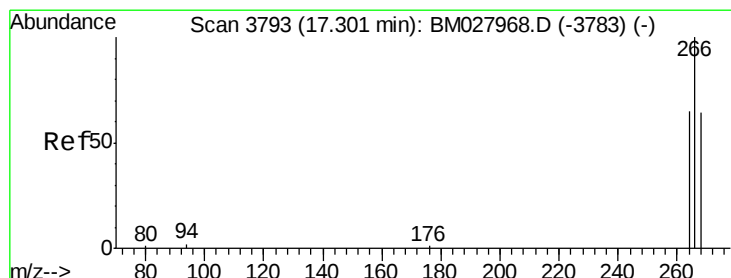
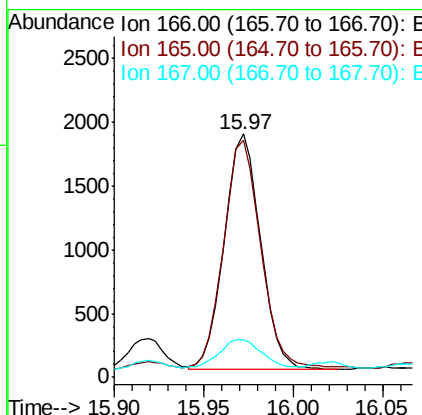
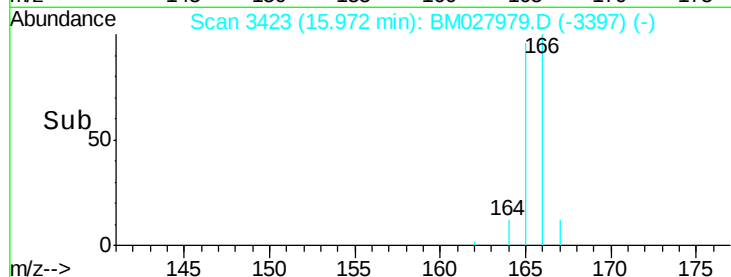
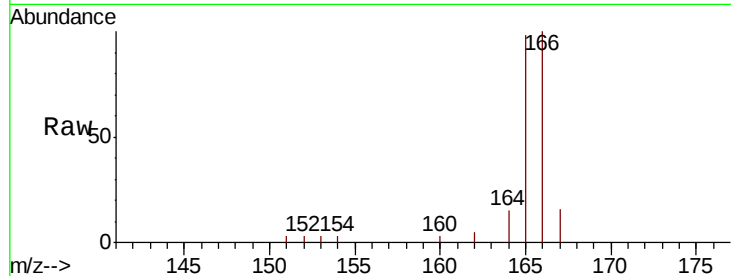
#9
Fluorene
 Concen: 0.212 ng/ul
 RT: 15.97 min Scan# 3423
 Delta R.T. 0.00 min
 Lab File: BM027979.D
 Acq: 26 Nov 2020 00:26

Instrument :
 BNA_M
 ClientSampleId :
 C0B18

Tot Ion	Ratio	Lower	Upper
166	100		
165	97.7	78.1	117.1
167	15.6	11.8	17.8

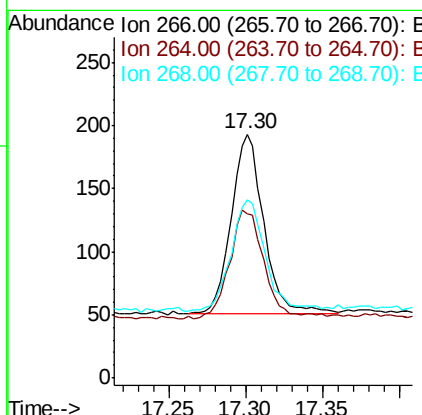
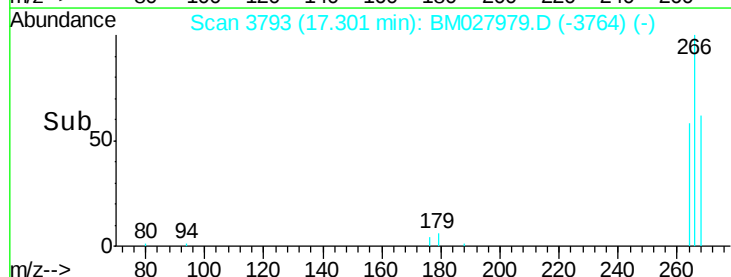
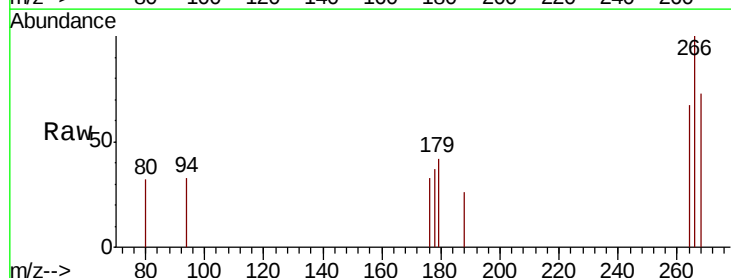
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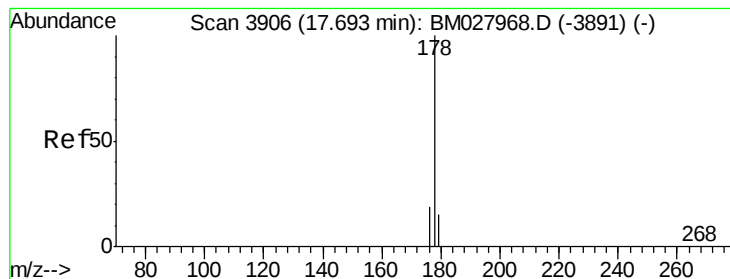
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#11
Pentachlorophenol
 Concen: 0.121 ng/ul
 RT: 17.30 min Scan# 3793
 Delta R.T. 0.00 min
 Lab File: BM027979.D
 Acq: 26 Nov 2020 00:26

Tgt Ion	Ratio	Lower	Upper
266	100		
264	66.3	49.6	74.4
268	66.3	52.1	78.1





#12

Phenanthrene

Concen: 3.932 ng/ul

RT: 17.69 min Scan# 3906

Delta R.T. -0.00 min

Lab File: BM027979.D

Acq: 26 Nov 2020 00:26

Instrument :

BNA_M

ClientSampleId :

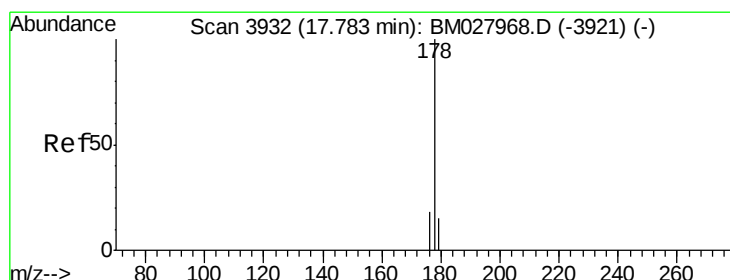
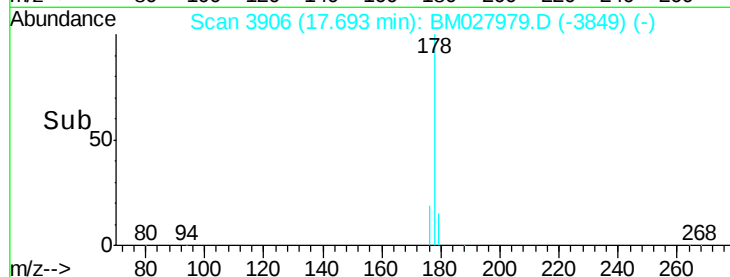
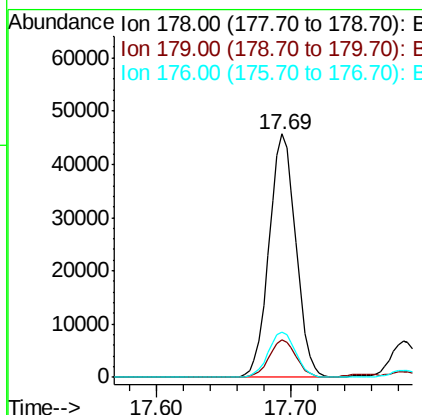
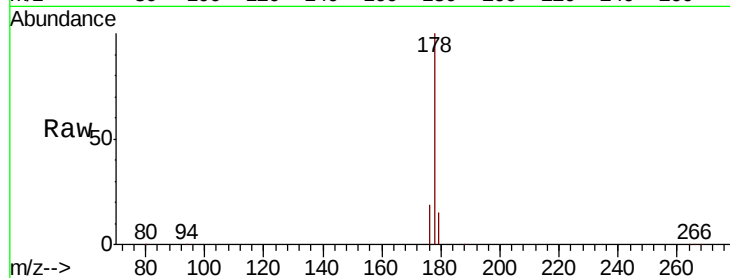
C0B18

Tot Ion:178 Resp: 62822

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

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#13

Anthracene

Concen: 0.596 ng/ul

RT: 17.78 min Scan# 3932

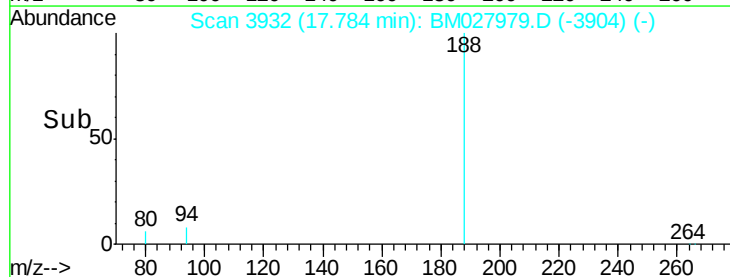
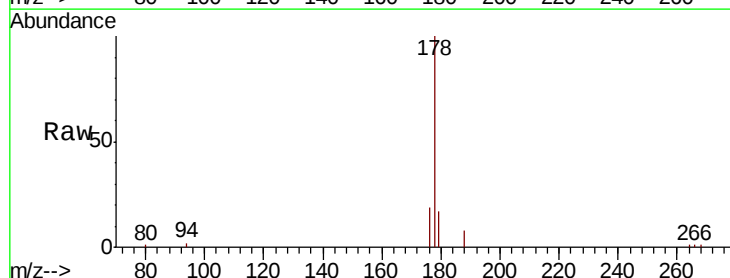
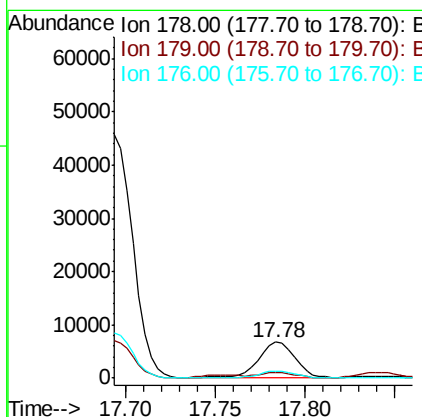
Delta R.T. -0.00 min

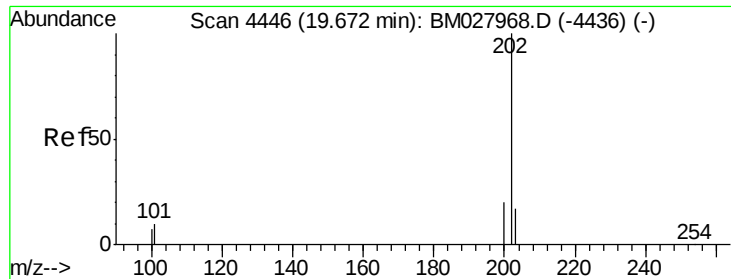
Lab File: BM027979.D

Acq: 26 Nov 2020 00:26

Tgt Ion:178 Resp: 9190

Ion	Ratio	Lower	Upper
178	100		
179	16.5	13.4	20.2
176	18.8	15.0	22.6





#15

Fluoranthene

Concen: 6.061 ng/ul

RT: 19.67 min Scan# 4446

Delta R.T. 0.00 min

Lab File: BM027979.D

Acq: 26 Nov 2020 00:26

Instrument :

BNA_M

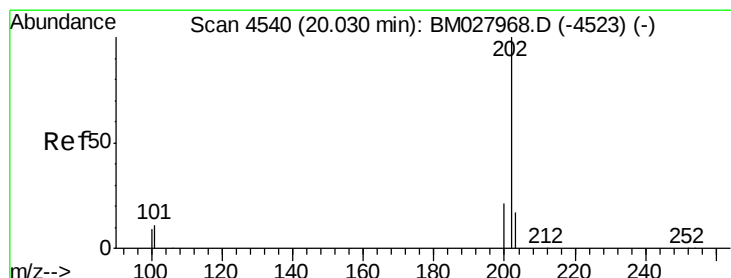
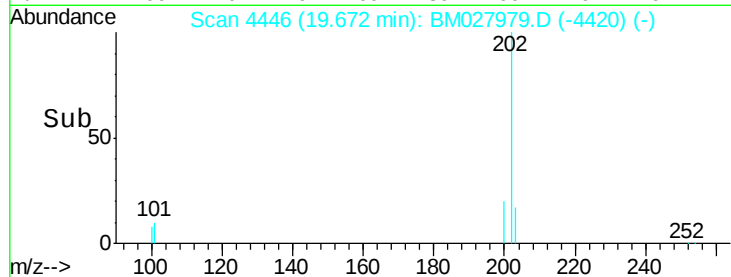
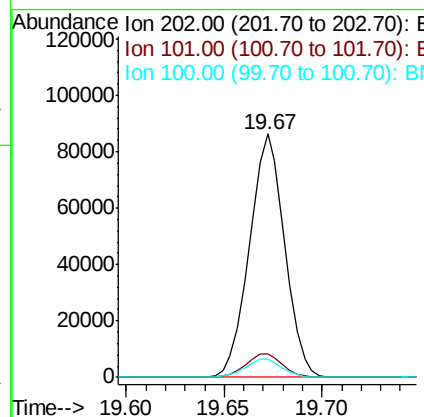
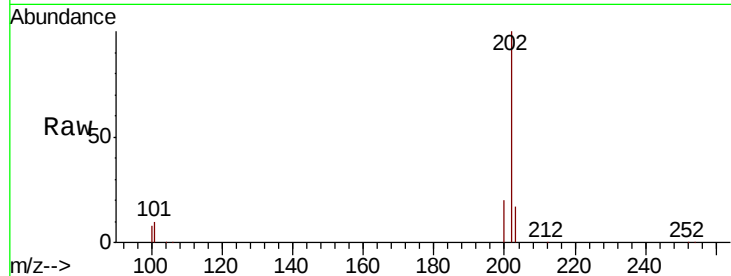
ClientSampled :

C0B18

Tot Ion:	202	Resp:	107373
Ion Ratio	Lower	Upper	
202	100		
101	9.9	0.0	29.3
100	7.7	0.0	27.4

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#17

Pyrene

Concen: 6.087 ng/ul

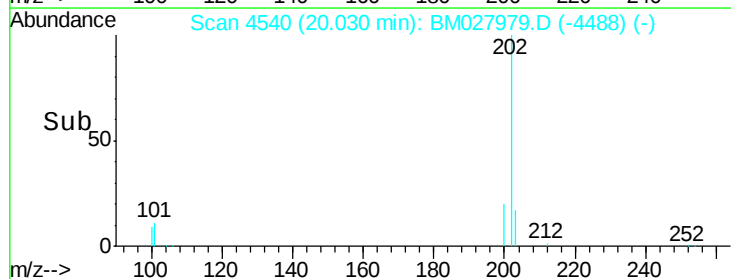
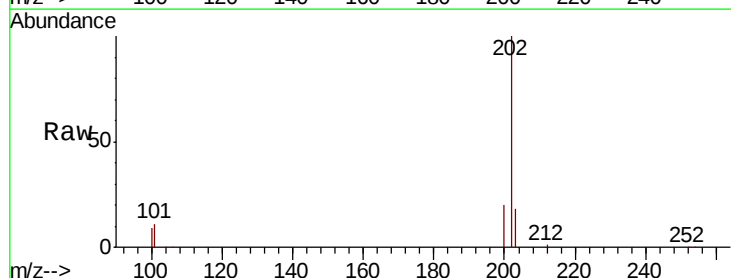
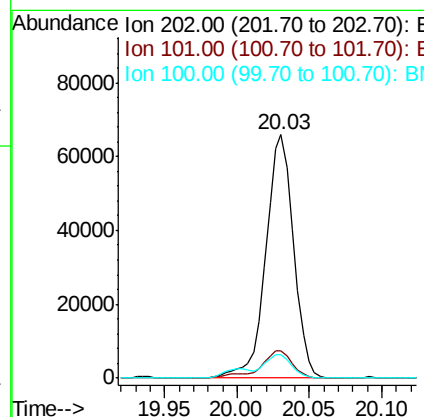
RT: 20.03 min Scan# 4540

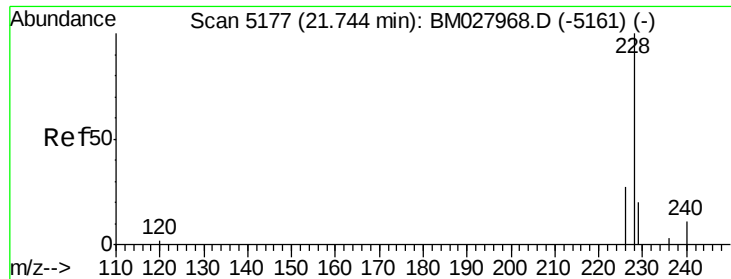
Delta R.T. 0.00 min

Lab File: BM027979.D

Acq: 26 Nov 2020 00:26

Tgt Ion:	202	Resp:	86874
Ion Ratio	Lower	Upper	
202	100		
101	11.2	8.2	12.2
100	9.4	6.9	10.3





#18

Benzo(a)anthracene

Concen: 3.252 ng/ul

RT: 21.74 min Scan# 5174

Delta R.T. -0.00 min

Lab File: BM027979.D

Acq: 26 Nov 2020 00:26

Instrument :

BNA_M

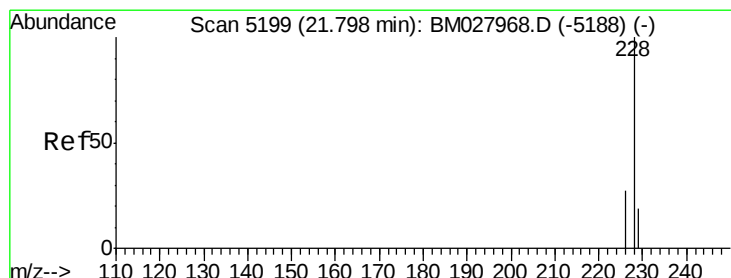
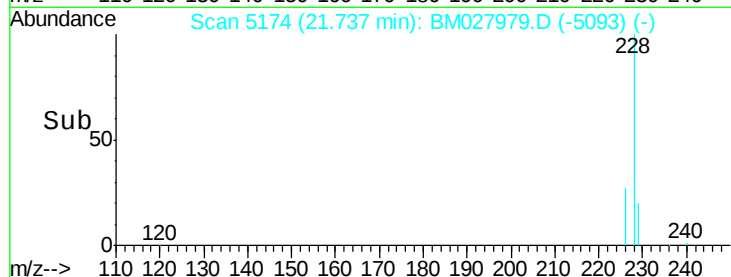
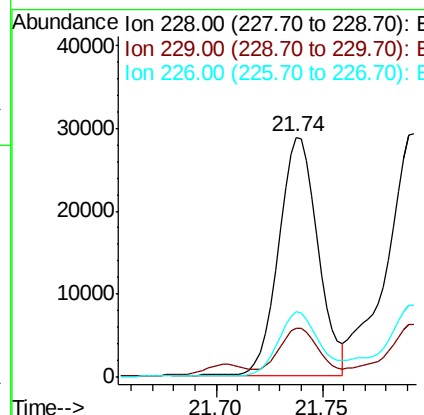
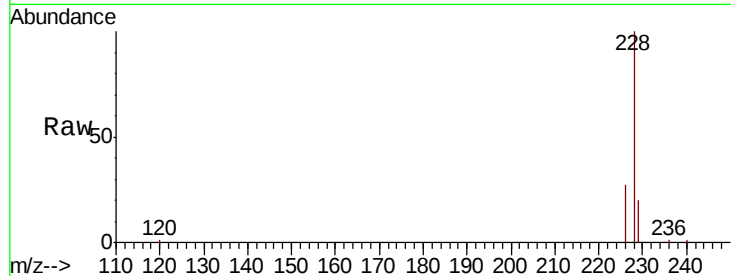
ClientSampleId :

C0B18

Tot Ion:	228	Resp:	36874
Ion Ratio	Lower	Upper	
228	100		
229	20.5	16.2	24.4
226	27.3	21.5	32.3

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#19

Chrysene

Concen: 3.876 ng/ul

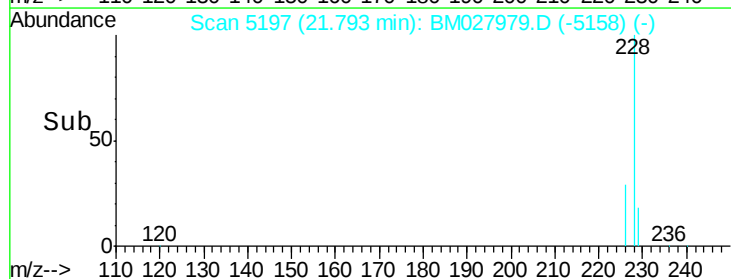
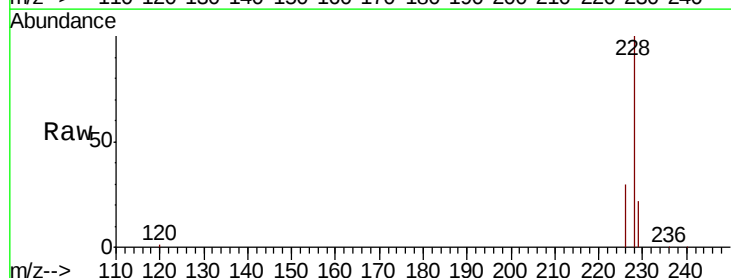
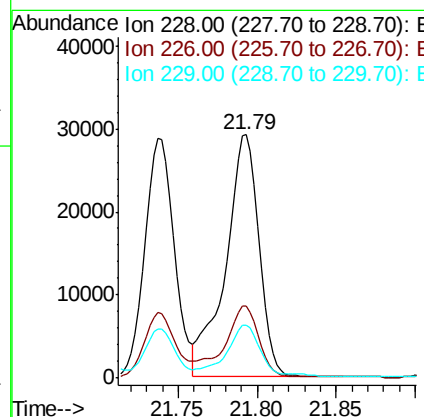
RT: 21.79 min Scan# 5197

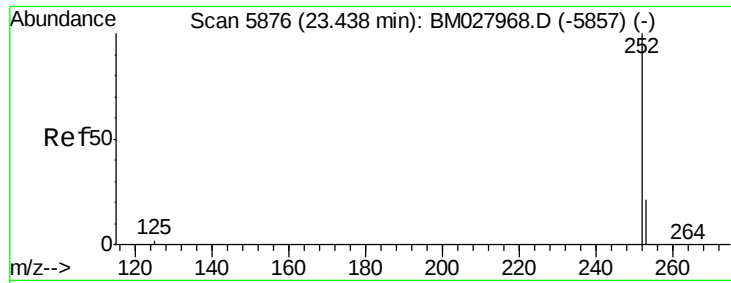
Delta R.T. -0.00 min

Lab File: BM027979.D

Acq: 26 Nov 2020 00:26

Tgt Ion:	228	Resp:	42805
Ion Ratio	Lower	Upper	
228	100		
226	29.5	24.1	36.1
229	21.9	16.6	24.8





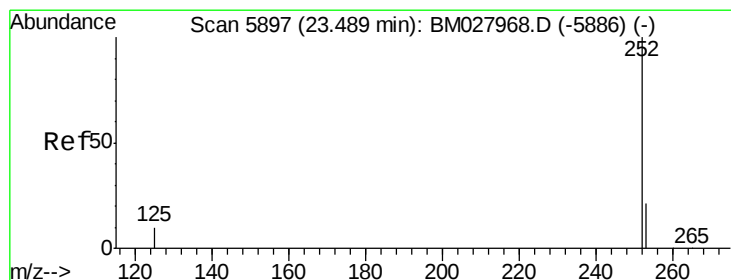
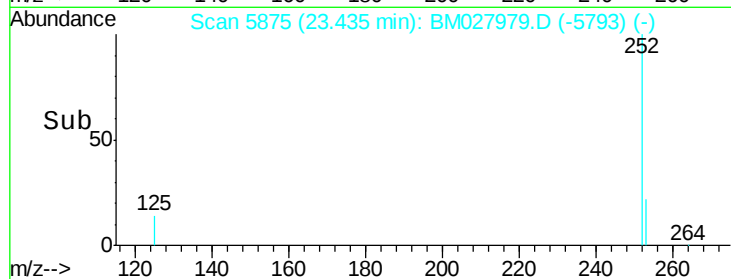
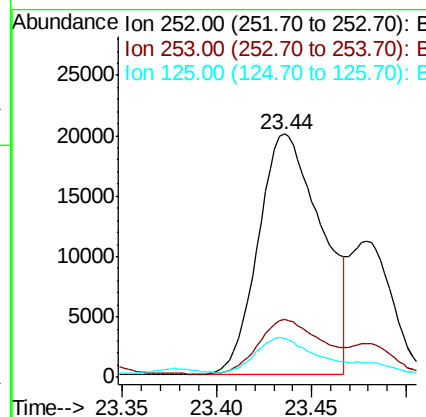
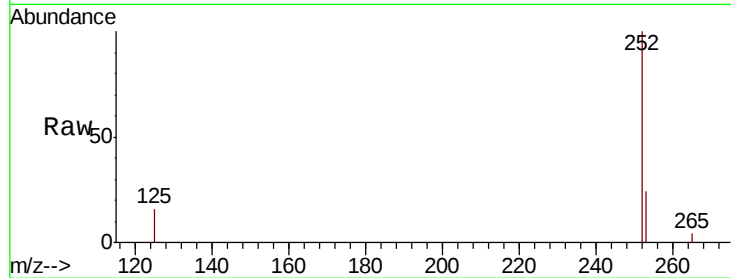
#21
Benzo(b)fluoranthene
Concen: 4.218 ng/ul m
RT: 23.44 min Scan# 5875
Delta R.T. -0.00 min
Lab File: BM027979.D
Acq: 26 Nov 2020 00:26

Instrument :
BNA_M
ClientSampled :
C0B18

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.6	0.0	59.6
125	15.8	0.0	28.4

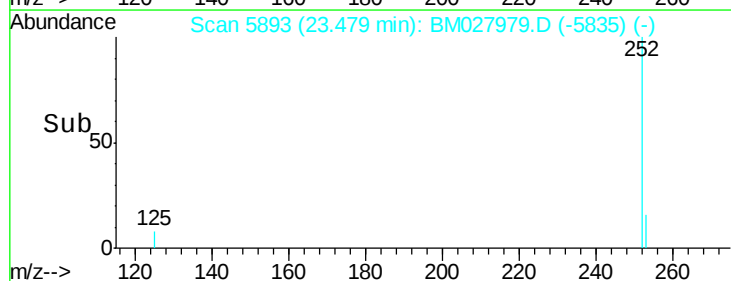
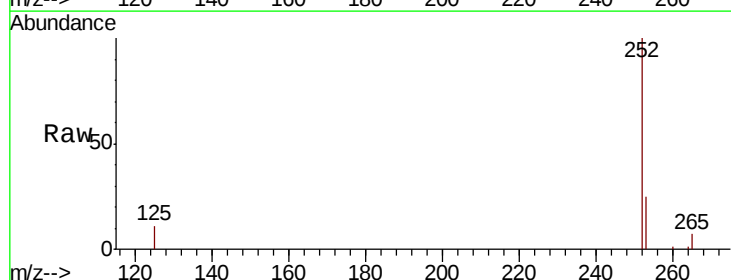
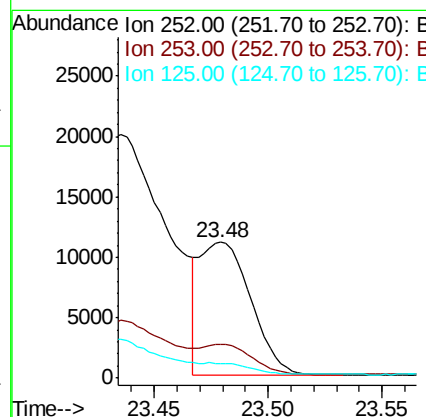
Manual Integrations
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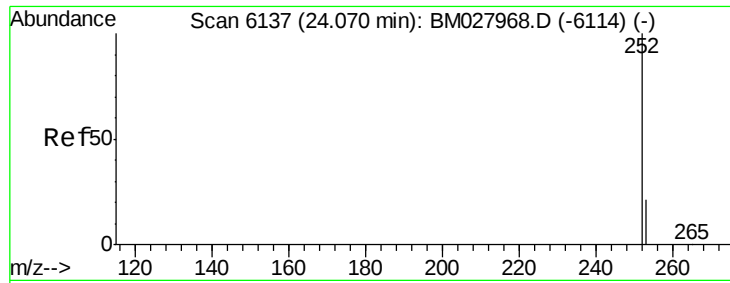
mohammad
11/27/2020 11:44:21 AM



#22
Benzo(k)fluoranthene
Concen: 1.584 ng/ul m
RT: 23.48 min Scan# 5893
Delta R.T. -0.01 min
Lab File: BM027979.D
Acq: 26 Nov 2020 00:26

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.0	23.2	34.8
125	10.7	11.8	17.6#





#23

Benzo(a)pyrene

Concen: 3.333 ng/ul

RT: 24.06 min Scan# 6134

Delta R.T. -0.01 min

Lab File: BM027979.D

Acq: 26 Nov 2020 00:26

Instrument :

BNA_M

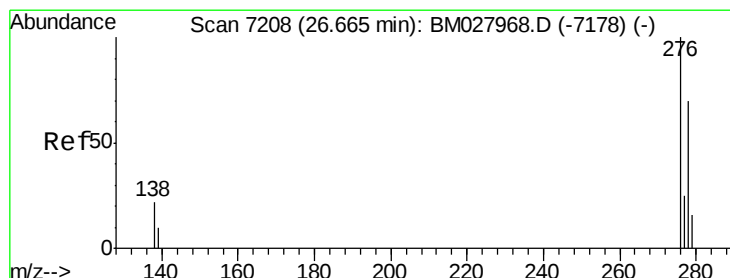
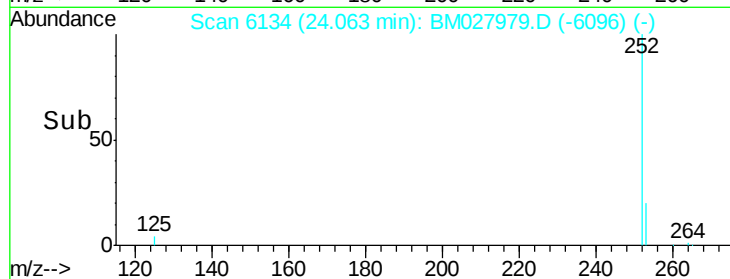
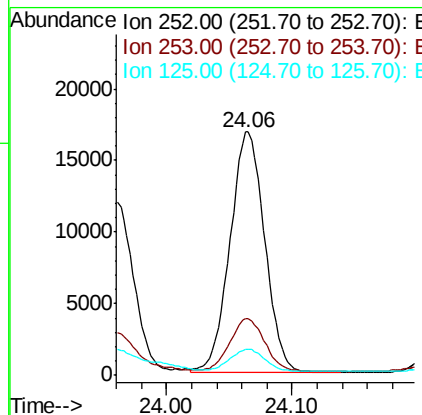
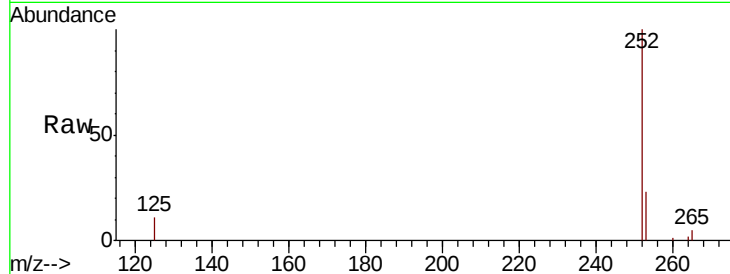
ClientSampleId :

C0B18

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.3	25.2	37.8#
125	10.7	13.8	20.6#

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#24

Indeno(1,2,3-cd)pyrene

Concen: 2.021 ng/ul

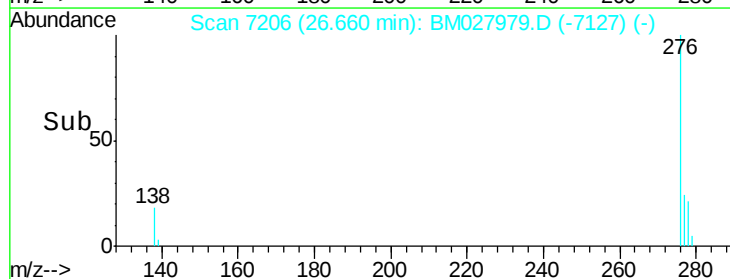
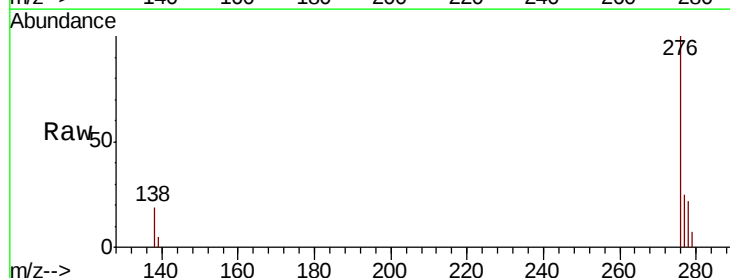
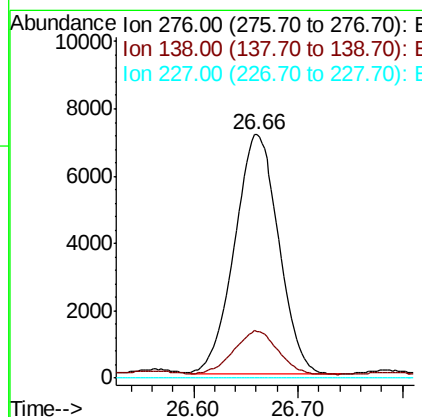
RT: 26.66 min Scan# 7206

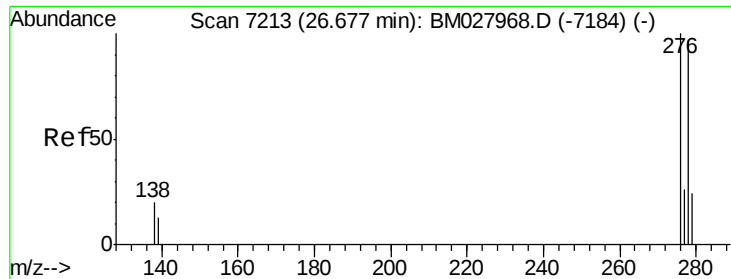
Delta R.T. -0.01 min

Lab File: BM027979.D

Acq: 26 Nov 2020 00:26

Tgt Ion	Ratio	Lower	Upper
276	100		
138	18.3	15.7	23.5
227	0.0	0.0	0.0





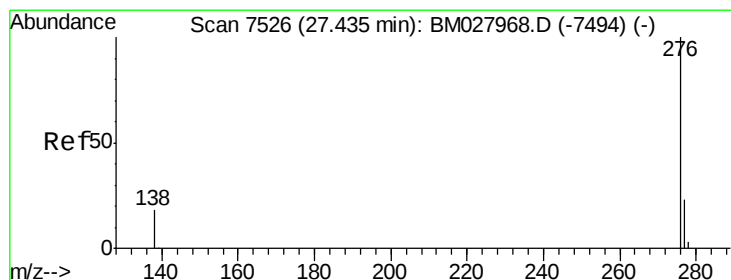
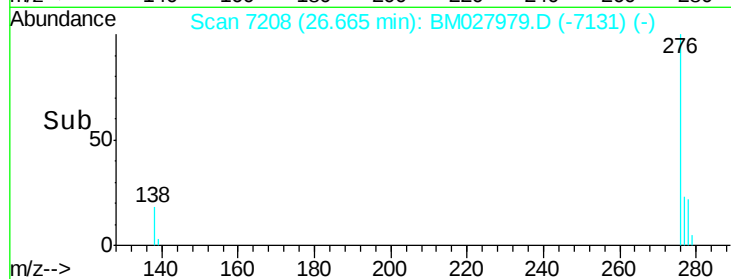
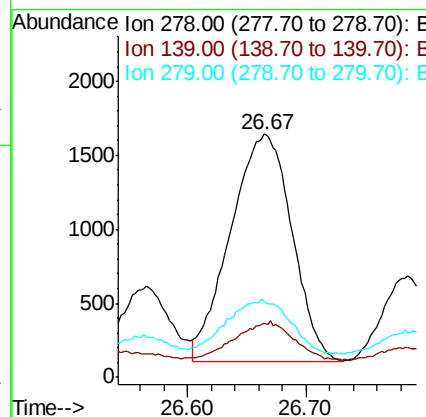
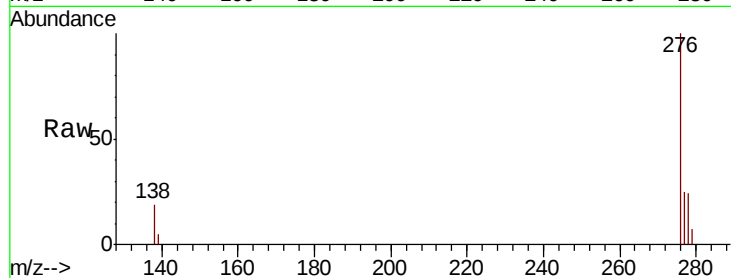
#25
Dibenzo(a,h)anthracene
Concen: 0.633 ng/ul
RT: 26.67 min Scan# 7208
Delta R.T. -0.01 min
Lab File: BM027979.D
Acq: 26 Nov 2020 00:26

Instrument :
BNA_M
ClientSampled :
C0B18

Tot Ion	Ratio	Lower	Upper
278	100		
139	22.2	14.8	22.2#
279	31.0	25.8	38.6

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#26
Benzo(g,h,i)perylene
Concen: 2.160 ng/ul
RT: 27.43 min Scan# 7525
Delta R.T. -0.01 min
Lab File: BM027979.D
Acq: 26 Nov 2020 00:26

Tgt Ion	Ratio	Lower	Upper
276	100		
138	19.1	17.4	26.2
277	24.7	22.5	33.7

