

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112020\
 Data File : BM027900.D
 Acq On : 22 Nov 2020 03:48
 Operator : JU/CG
 Sample : L4711-17
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AW9

Manual Integrations
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Quant Time: Nov 23 05:56:15 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 05:39:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.33	152	1118	0.40	ng/ul	0.00
2) Naphthalene-d8	11.17	136	4376	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.95	164	2605	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.66	188	4379m	0.40	ng/ul	0.00
16) Chrysene-d12	21.76	240	2315	0.40	ng/ul	0.00
20) Perylene-d12	24.18	264	2003	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.73	152	2257	0.31	ng/ul	0.00
14) Fluoranthene-d10	19.65	212	3493	0.30	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	11.22	128	477	0.036	ng/ul#	72
5) 2-Methylnaphthalene	12.80	142	206	0.023	ng/ul	98
7) Acenaphthylene	14.67	152	662	0.052	ng/ul#	81
8) Acenaphthene	15.01	153	1307	0.137	ng/ul	99
9) Fluorene	15.98	166	1515	0.137	ng/ul	98
11) Pentachlorophenol	17.30	266	35	0.023	ng/ul	88
12) Phenanthrene	17.70	178	44871	3.244	ng/ul	97
13) Anthracene	17.79	178	11788	0.883	ng/ul	99
15) Fluoranthene	19.68	202	85983	5.606	ng/ul	100
17) Pyrene	20.04	202	69508	5.912	ng/ul	98
18) Benzo(a)anthracene	21.75	228	30441	3.259	ng/ul	99
19) Chrysene	21.80	228	28790	3.164	ng/ul	98
21) Benzo(b)fluoranthene	23.45	252	31514m	3.744	ng/ul	
22) Benzo(k)fluoranthene	23.49	252	10656m	1.293	ng/ul	
23) Benzo(a)pyrene	24.08	252	22698	3.084	ng/ul#	87
24) Indeno(1,2,3-cd)pyrene	26.68	276	13846	1.738	ng/ul#	97
25) Dibenzo(a,h)anthracene	26.68	278	3669	0.553	ng/ul#	85
26) Benzo(g,h,i)perylene	27.45	276	12964	1.939	ng/ul	95

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

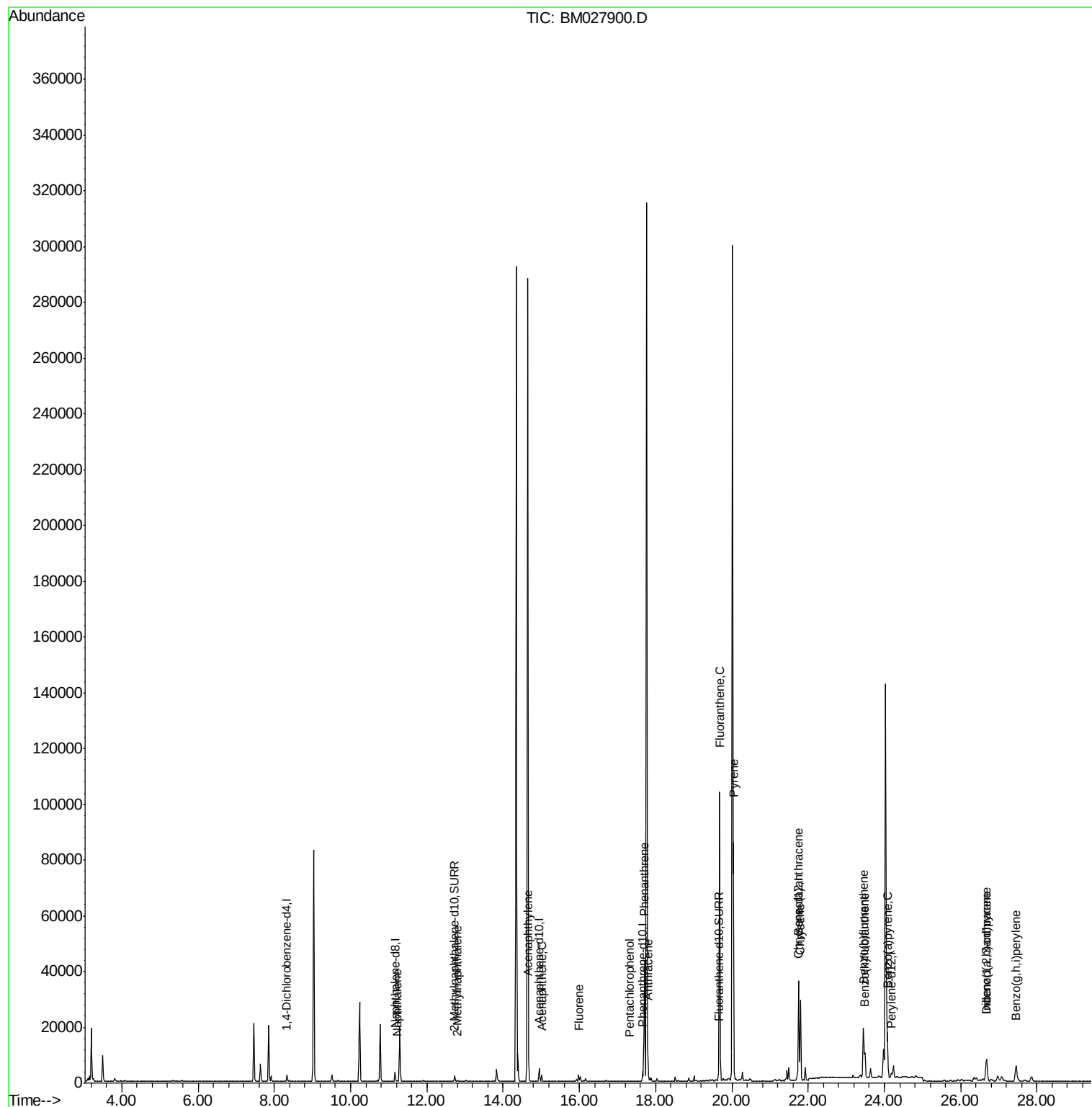
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112020\
Data File : BM027900.D
Acq On : 22 Nov 2020 03:48
Operator : JU/CG
Sample : L4711-17
Misc :
ALS Vial : 54 Sample Multiplier: 1

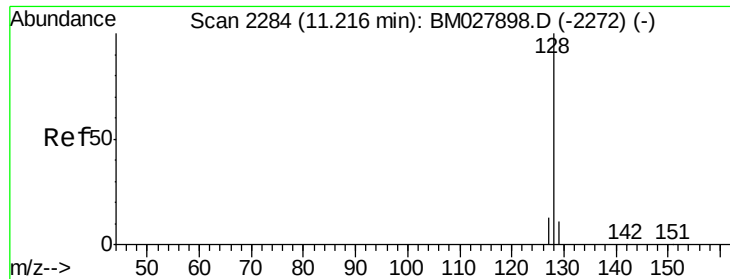
Instrument :
BNA_M
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Quant Time: Nov 23 05:56:15 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM112020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 23 05:39:07 2020
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#3

Naphthalene

Concen: 0.036 ng/ul

RT: 11.22 min Scan# 2284

Delta R.T. -0.00 min

Lab File: BM027900.D

Acq: 22 Nov 2020 03:48

Instrument :

BNA_M

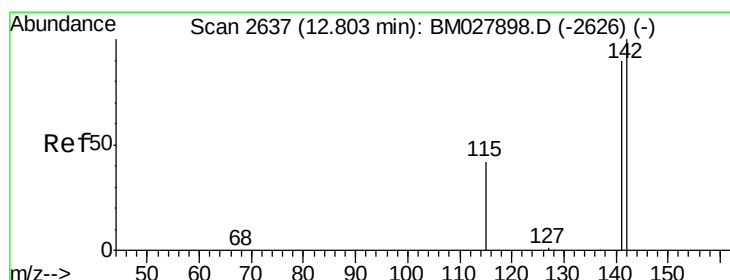
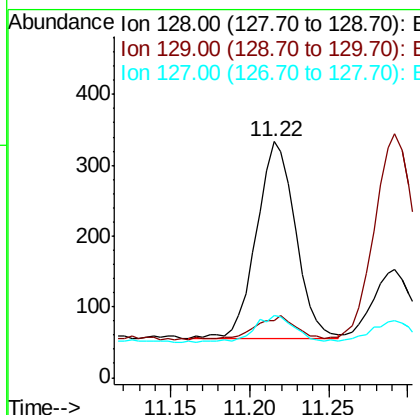
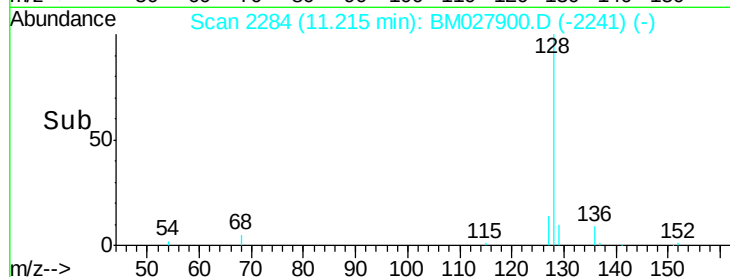
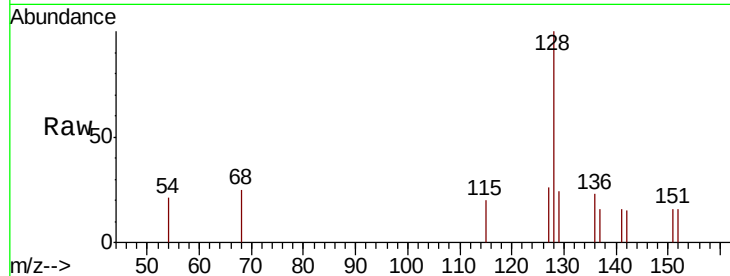
ClientSampleId :

C0AW9

Tot Ion:	128	Resp:	477
Ion	Ratio	Lower	Upper
128	100		
129	24.3	10.4	15.6#
127	26.4	12.0	18.0#

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#5

2-Methylnaphthalene

Concen: 0.023 ng/ul

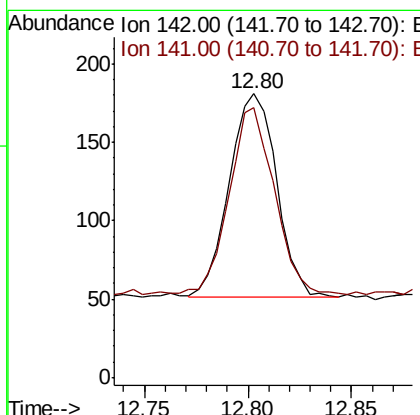
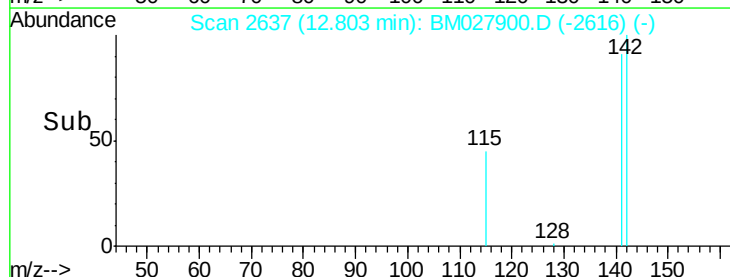
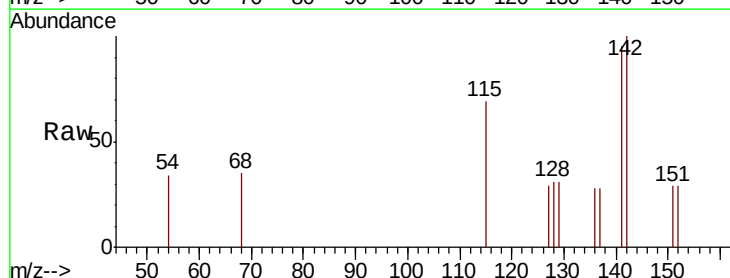
RT: 12.80 min Scan# 2637

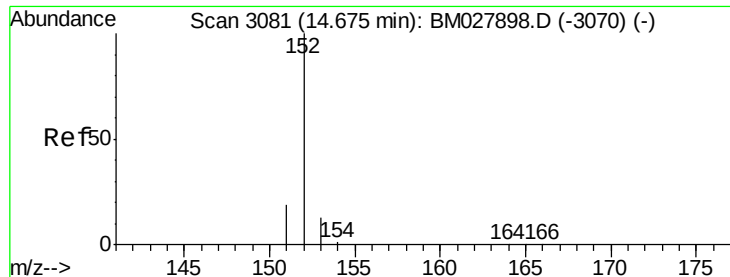
Delta R.T. -0.00 min

Lab File: BM027900.D

Acq: 22 Nov 2020 03:48

Tgt Ion:	142	Resp:	206
Ion	Ratio	Lower	Upper
142	100		
141	87.4	71.6	107.4





#7

Acenaphthylene

Concen: 0.052 ng/ul

RT: 14.67 min Scan# 3081

Delta R.T. -0.00 min

Lab File: BM027900.D

Acq: 22 Nov 2020 03:48

Instrument :

BNA_M

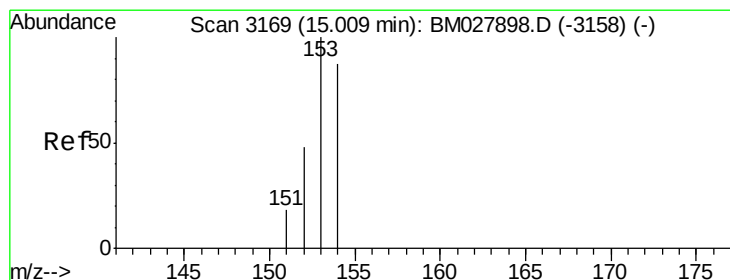
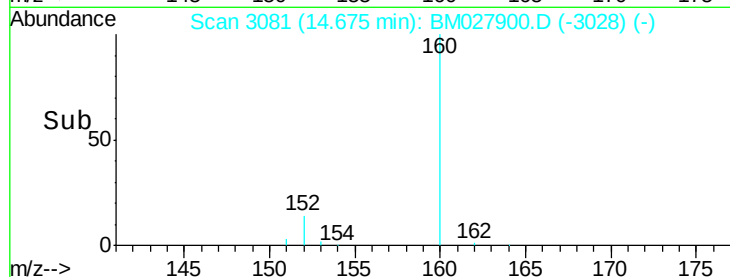
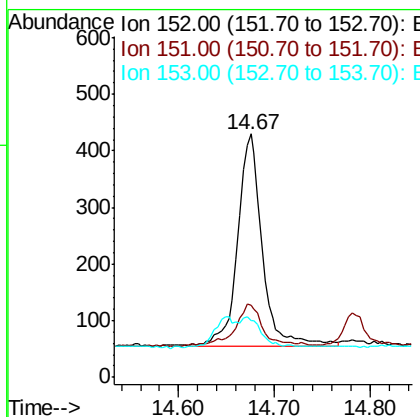
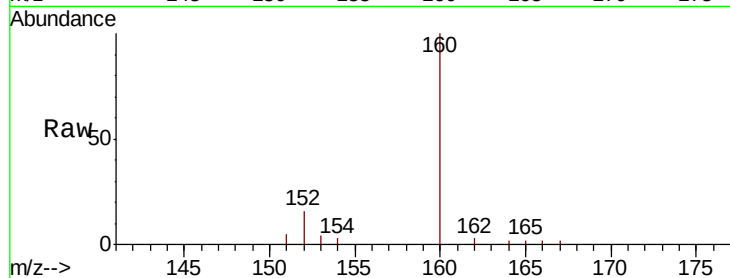
ClientSampleId :

C0AW9

Tot Ion:	152	Resp:	662
Ion Ratio	Lower	Upper	
152	100		
151	29.5	17.1	25.7#
153	23.5	12.0	18.0#

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#8

Acenaphthene

Concen: 0.137 ng/ul

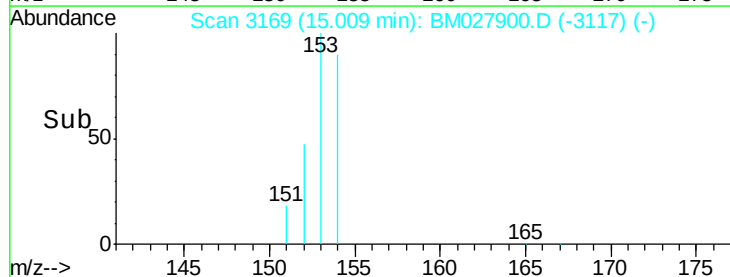
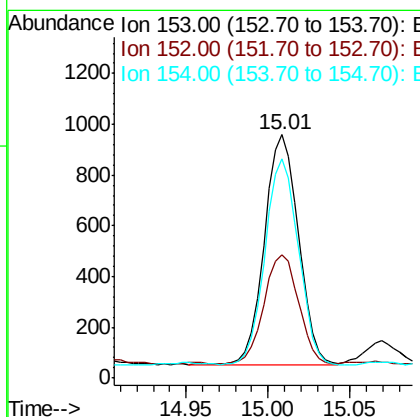
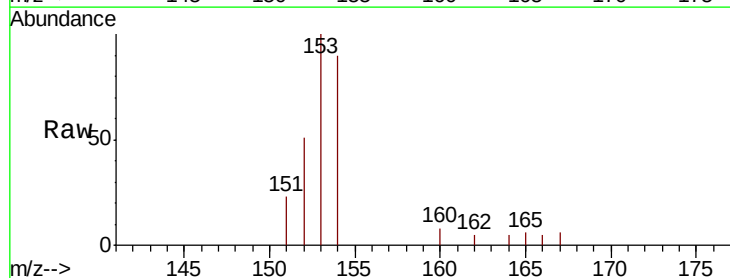
RT: 15.01 min Scan# 3169

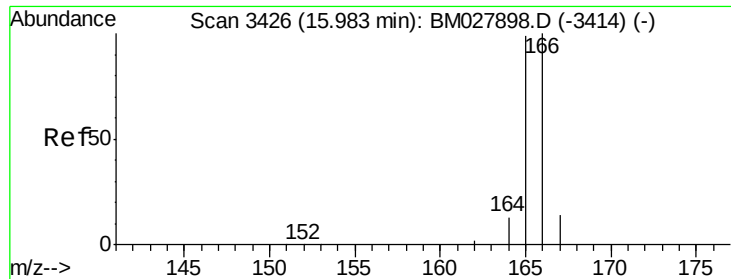
Delta R.T. -0.00 min

Lab File: BM027900.D

Acq: 22 Nov 2020 03:48

Tgt Ion:	153	Resp:	1307
Ion Ratio	Lower	Upper	
153	100		
152	50.8	39.0	58.6
154	90.1	71.6	107.4





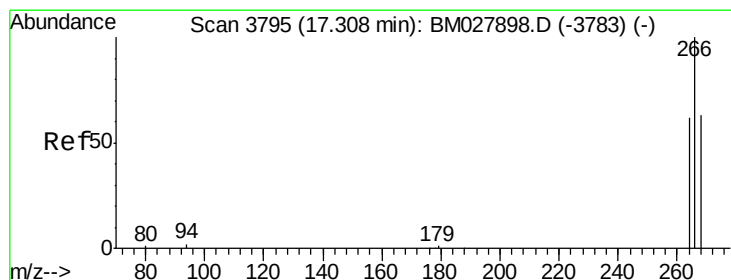
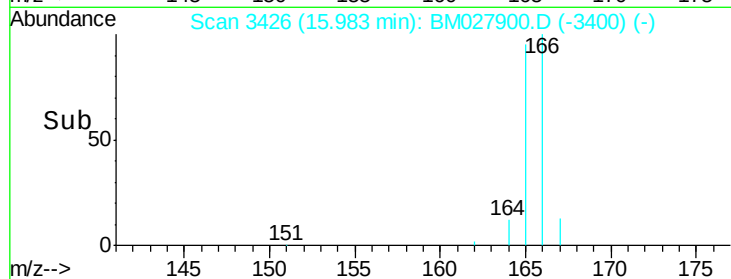
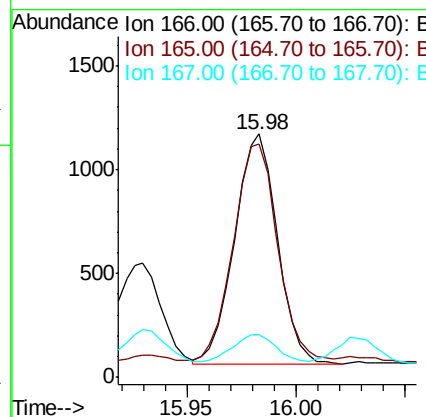
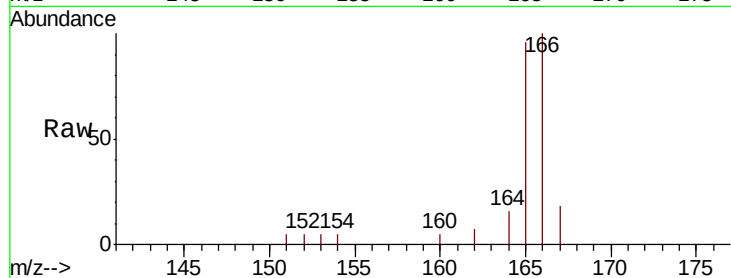
#9
Fluorene
 Concen: 0.137 ng/ul
 RT: 15.98 min Scan# 3426
 Delta R.T. -0.00 min
 Lab File: BM027900.D
 Acq: 22 Nov 2020 03:48

Instrument :
 BNA_M
 ClientSampled :
 C0AW9

Tot Ion	Ratio	Lower	Upper
166	100		
165	96.0	78.1	117.1
167	17.6	11.8	17.8

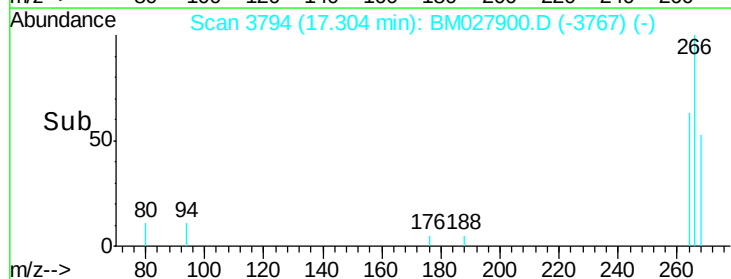
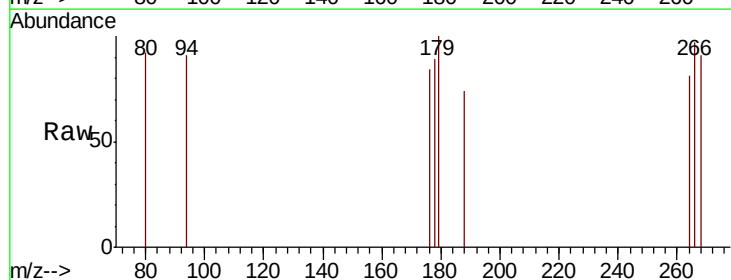
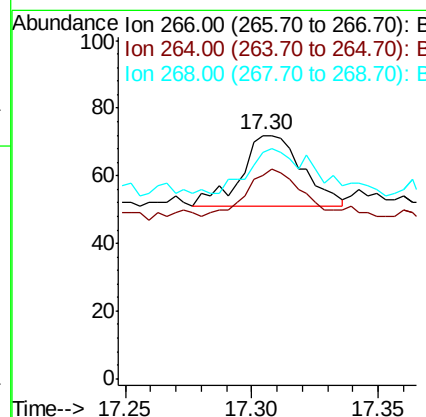
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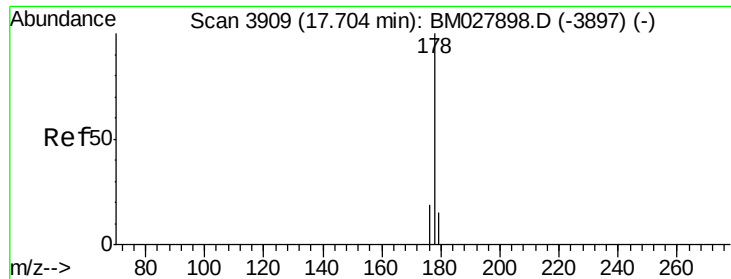
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#11
Pentachlorophenol
 Concen: 0.023 ng/ul
 RT: 17.30 min Scan# 3794
 Delta R.T. -0.01 min
 Lab File: BM027900.D
 Acq: 22 Nov 2020 03:48

Tgt Ion	Ratio	Lower	Upper
266	100		
264	68.6	49.6	74.4
268	77.1	52.1	78.1





#12

Phenanthrene

Concen: 3.244 ng/ul

RT: 17.70 min Scan# 3909

Delta R.T. -0.00 min

Lab File: BM027900.D

Acq: 22 Nov 2020 03:48

Instrument :

BNA_M

ClientSampleId :

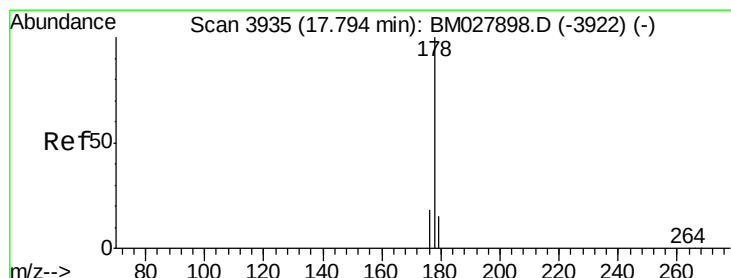
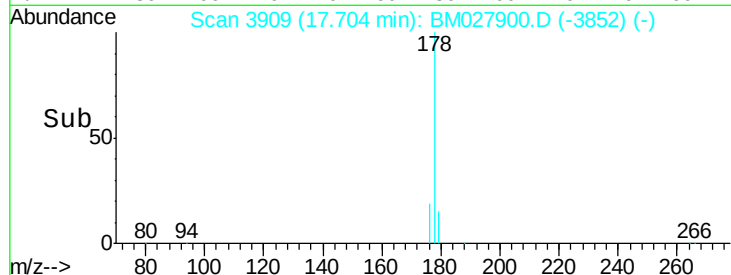
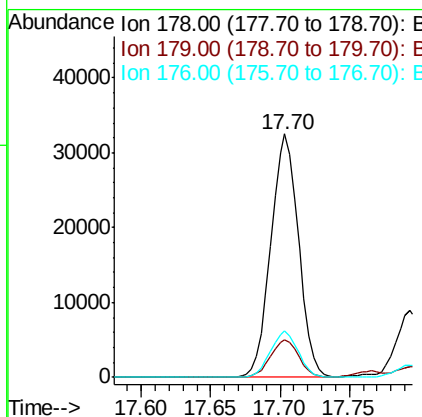
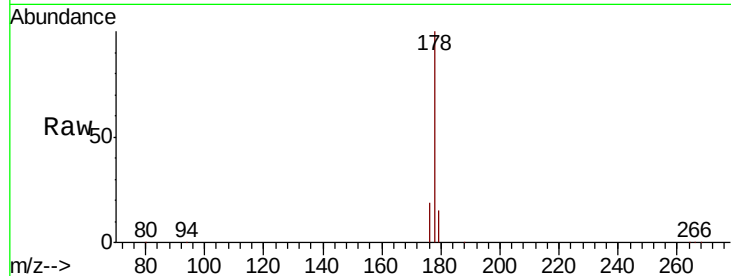
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Tot Ion:178 Resp: 44871

Ion	Ratio	Lower	Upper
178	100		
179	15.4	13.6	20.4
176	18.9	16.1	24.1

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#13

Anthracene

Concen: 0.883 ng/ul

RT: 17.79 min Scan# 3935

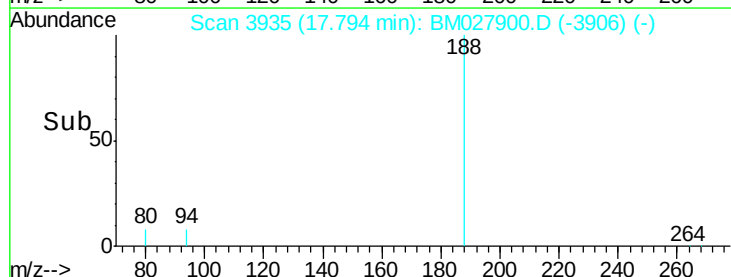
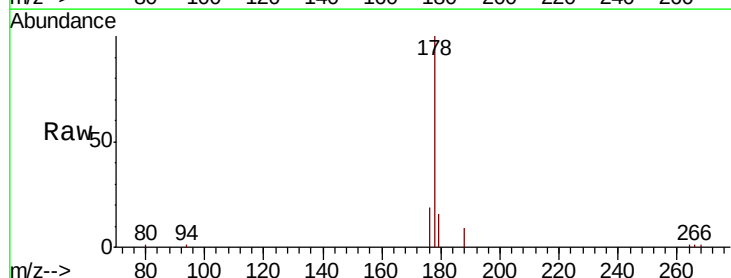
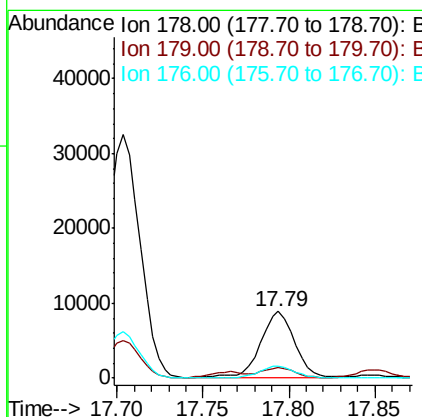
Delta R.T. -0.00 min

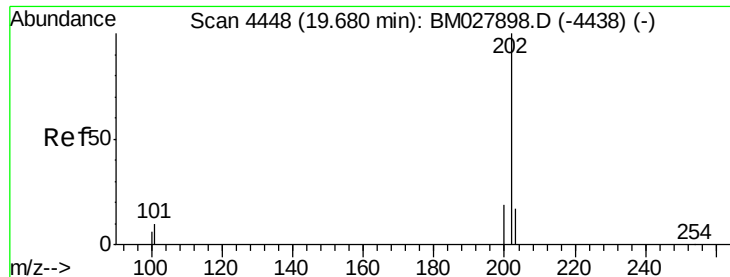
Lab File: BM027900.D

Acq: 22 Nov 2020 03:48

Tgt Ion:178 Resp: 11788

Ion	Ratio	Lower	Upper
178	100		
179	16.0	13.4	20.2
176	18.8	15.0	22.6





#15

Fluoranthene

Concen: 5.606 ng/ul

RT: 19.68 min Scan# 4448

Delta R.T. -0.00 min

Lab File: BM027900.D

Acq: 22 Nov 2020 03:48

Instrument :

BNA_M

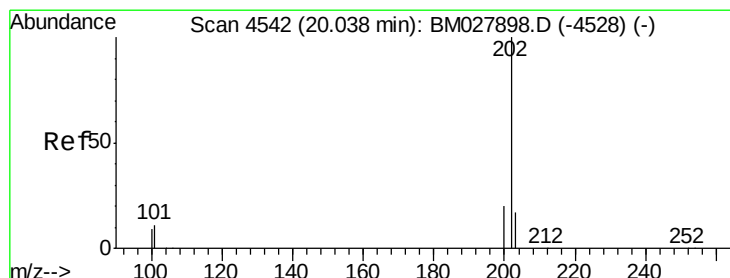
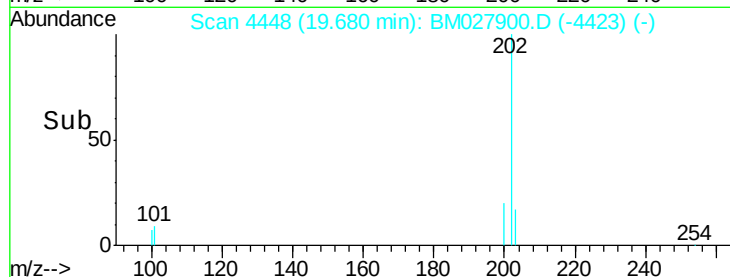
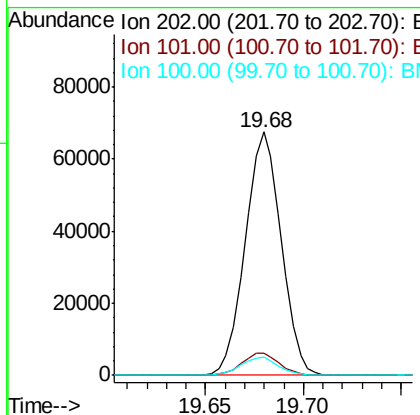
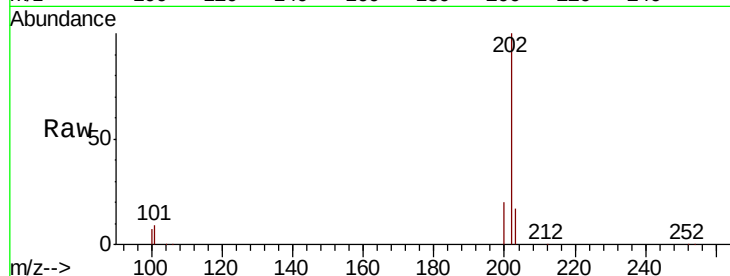
ClientSampleId :

C0AW9

Tot Ion:	202	Resp:	85983
Ion Ratio	Lower	Upper	
202	100		
101	9.3	0.0	29.3
100	7.3	0.0	27.4

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#17

Pyrene

Concen: 5.912 ng/ul

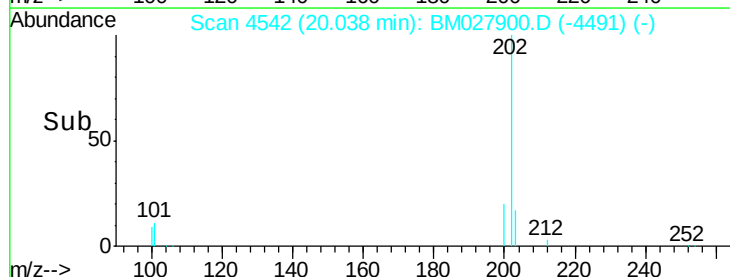
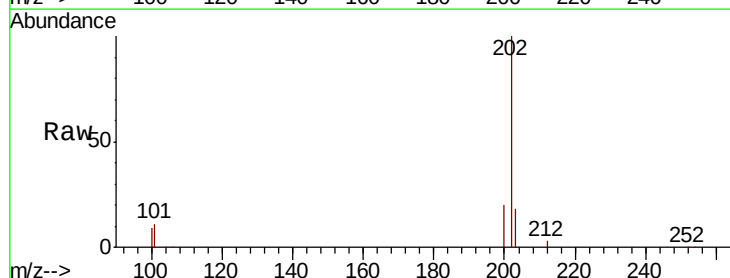
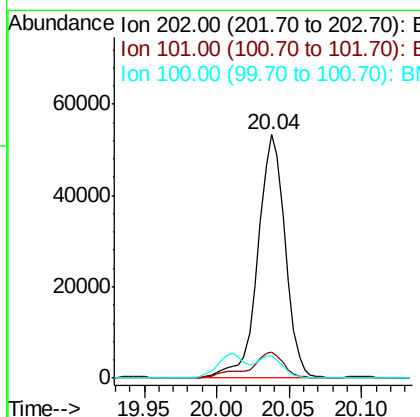
RT: 20.04 min Scan# 4542

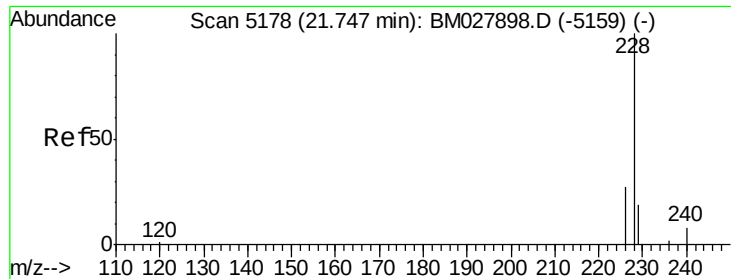
Delta R.T. -0.00 min

Lab File: BM027900.D

Acq: 22 Nov 2020 03:48

Tgt Ion:	202	Resp:	69508
Ion Ratio	Lower	Upper	
202	100		
101	10.8	8.2	12.2
100	9.1	6.9	10.3





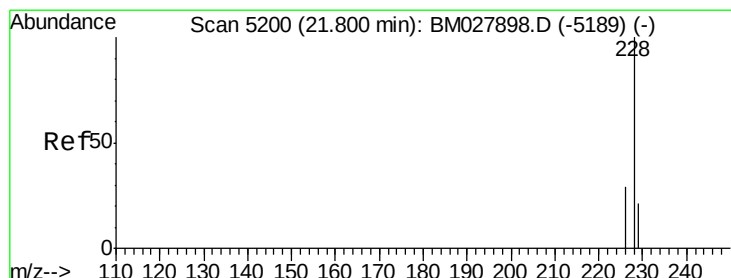
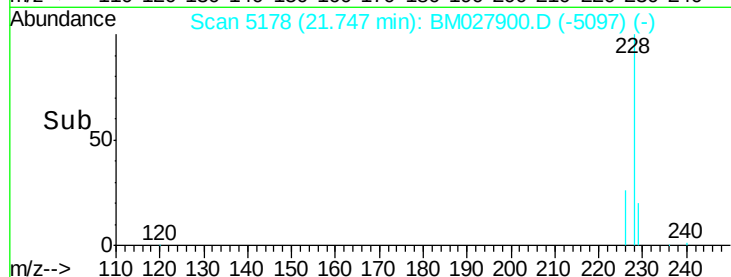
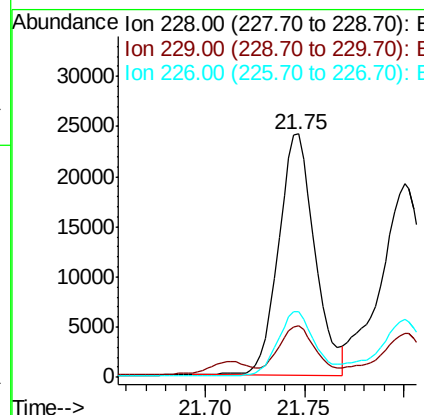
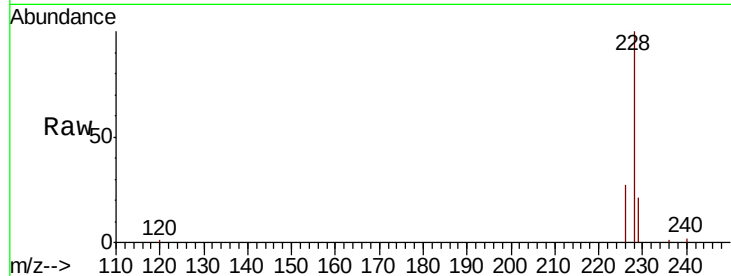
#18
Benzo(a)anthracene
Concen: 3.259 ng/ul
RT: 21.75 min Scan# 5178
Delta R.T. -0.00 min
Lab File: BM027900.D
Acq: 22 Nov 2020 03:48

Instrument :
BNA_M
ClientSampleId :
C0AW9

Tot Ion	Ratio	Lower	Upper
228	100		
229	21.2	16.2	24.4
226	26.9	21.5	32.3

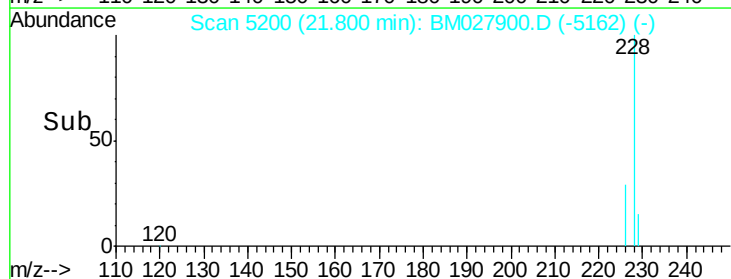
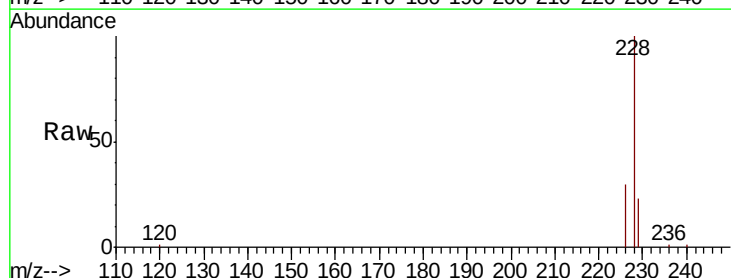
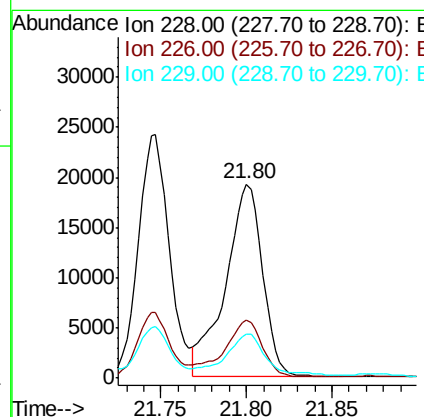
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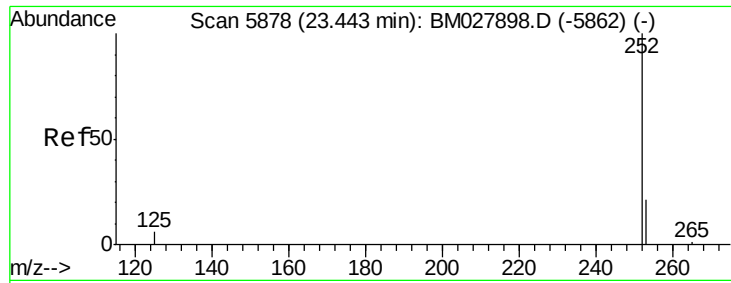
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#19
Chrysene
Concen: 3.164 ng/ul
RT: 21.80 min Scan# 5200
Delta R.T. -0.01 min
Lab File: BM027900.D
Acq: 22 Nov 2020 03:48

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.1	36.1
229	22.6	16.6	24.8





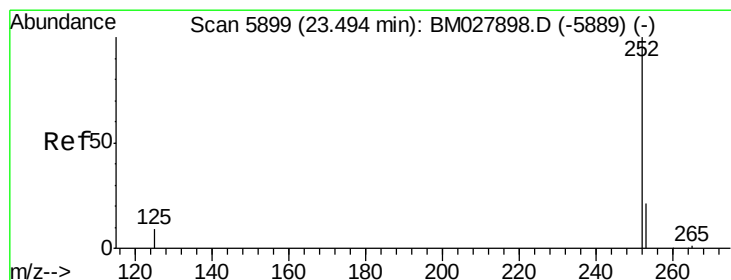
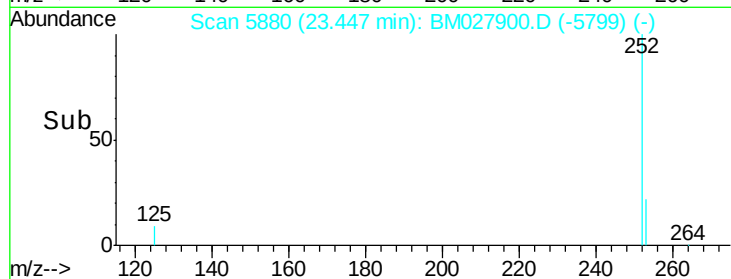
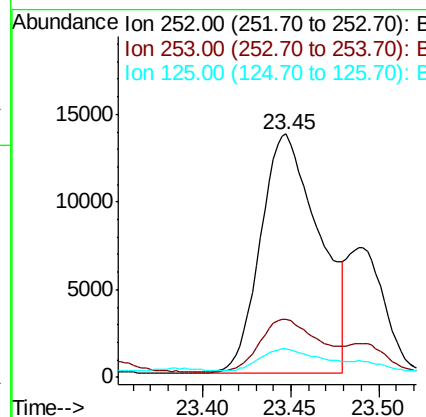
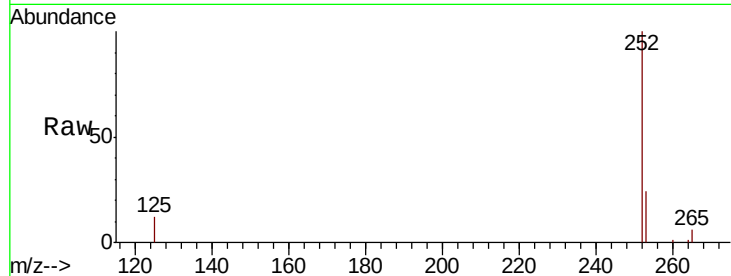
#21
Benzo(b)fluoranthene
Concen: 3.744 ng/ul m
RT: 23.45 min Scan# 5880
Delta R.T. -0.00 min
Lab File: BM027900.D
Acq: 22 Nov 2020 03:48

Instrument :
BNA_M
ClientSampleId :
C0AW9

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.8	0.0	59.6
125	11.5	0.0	28.4

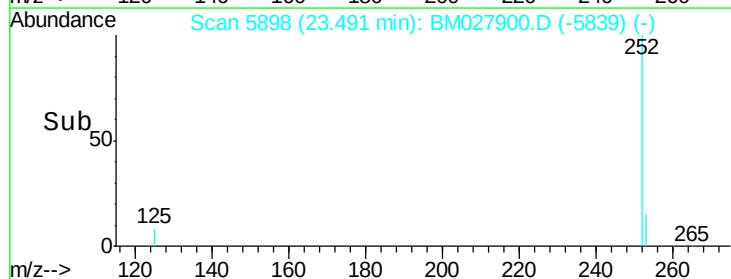
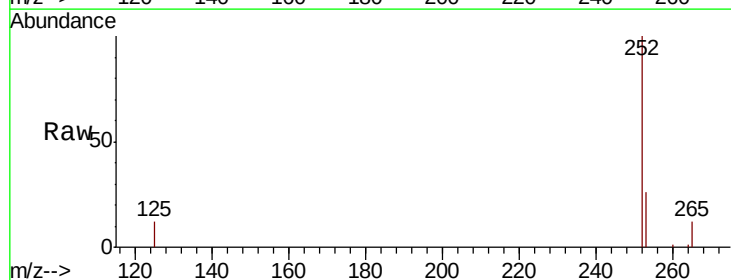
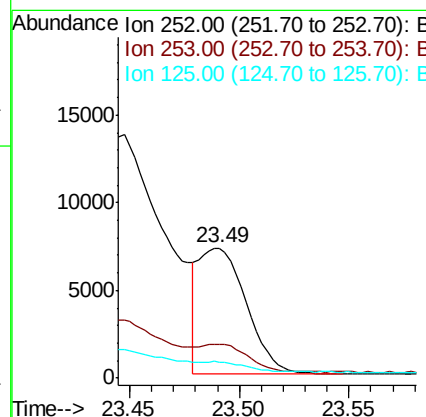
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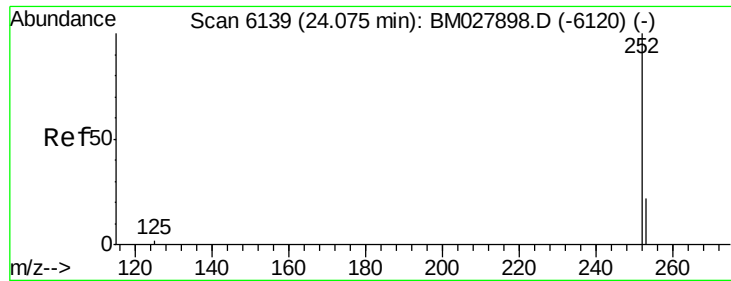
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#22
Benzo(k)fluoranthene
Concen: 1.293 ng/ul m
RT: 23.49 min Scan# 5898
Delta R.T. -0.01 min
Lab File: BM027900.D
Acq: 22 Nov 2020 03:48

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.0	23.2	34.8
125	12.4	11.8	17.6





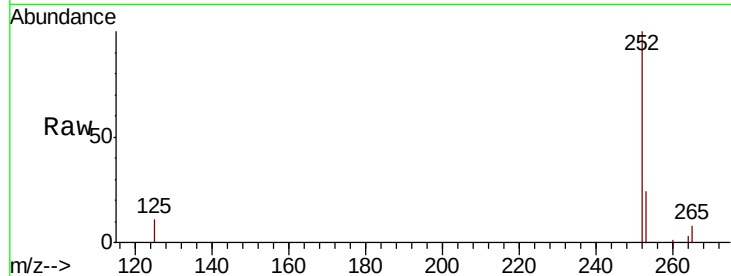
#23
Benzo(a)pyrene
Concen: 3.084 ng/ul
RT: 24.08 min Scan# 6140
Delta R.T. -0.00 min
Lab File: BM027900.D
Acq: 22 Nov 2020 03:48

Instrument :
BNA_M
ClientSampleId :
C0AW9

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.4	25.2	37.8#
125	11.1	13.8	20.6#

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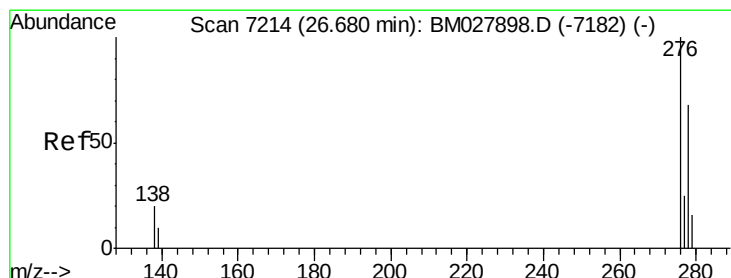
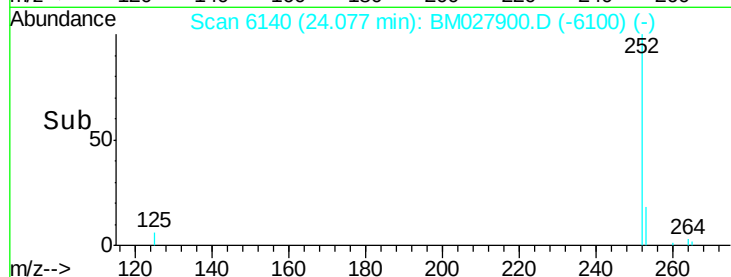
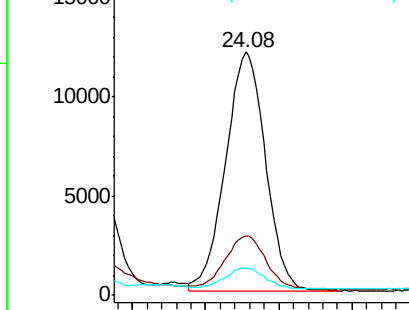


Abundance

Ion 252.00 (251.70 to 252.70): E

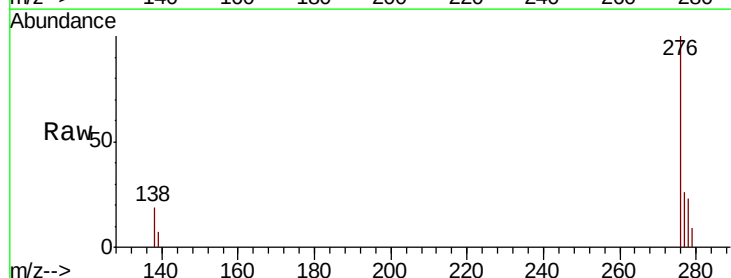
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#24
Indeno(1,2,3-cd)pyrene
Concen: 1.738 ng/ul
RT: 26.68 min Scan# 7213
Delta R.T. -0.01 min
Lab File: BM027900.D
Acq: 22 Nov 2020 03:48

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

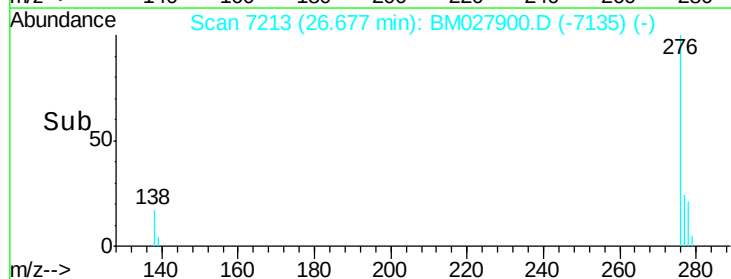
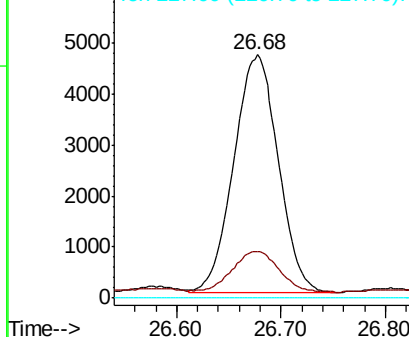


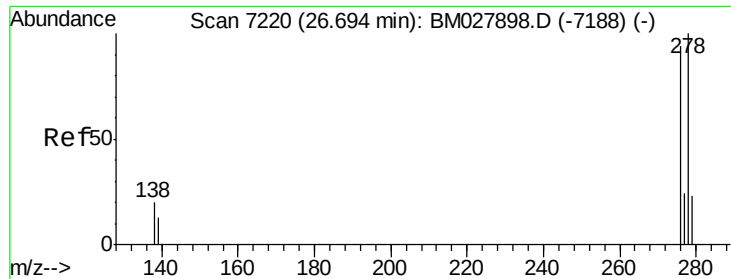
Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E





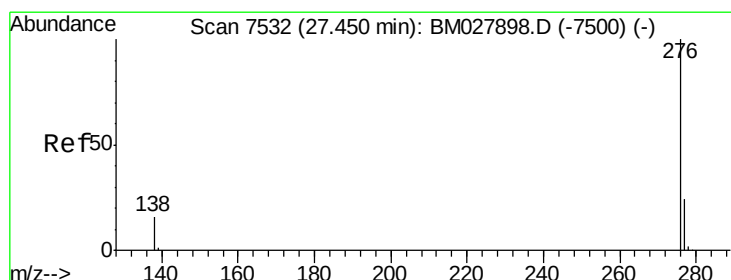
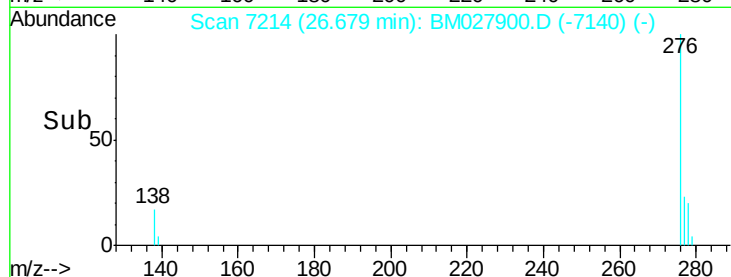
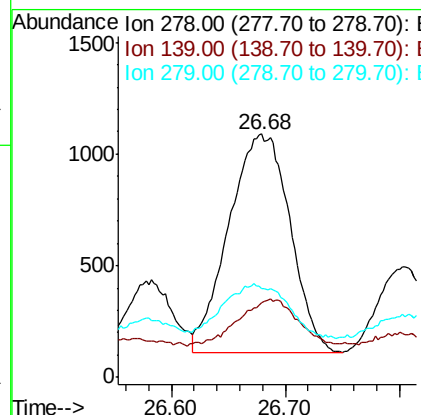
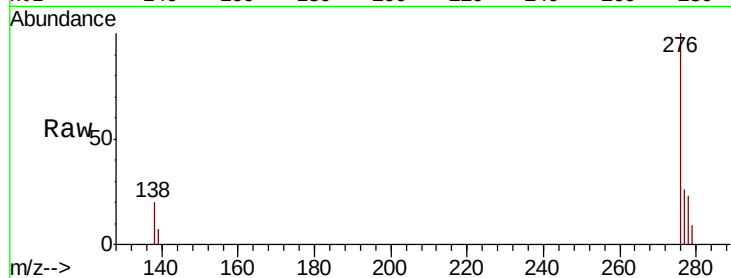
#25
Dibenzo(a,h)anthracene
Concen: 0.553 ng/ul
RT: 26.68 min Scan# 7214
Delta R.T. -0.02 min
Lab File: BM027900.D
Acq: 22 Nov 2020 03:48

Instrument :
BNA_M
ClientSampled :
C0AW9

Tot Ion	Ratio	Lower	Upper
278	100		
139	30.4	14.8	22.2#
279	36.6	25.8	38.6

Manual Integrations
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#26
Benzo(g,h,i)perylene
Concen: 1.939 ng/ul
RT: 27.45 min Scan# 7532
Delta R.T. -0.01 min
Lab File: BM027900.D
Acq: 22 Nov 2020 03:48

Tgt Ion	Ratio	Lower	Upper
276	100		
138	19.6	17.4	26.2
277	25.7	22.5	33.7

