

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040320\
 Data File : BM025903.D
 Acq On : 02 Apr 2020 15:52
 Operator : CG/JU
 Sample : L1516-04DL 5X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBD22DL

Manual Integrations
 APPROVED

mohammad
 4/3/2020 8:05:20 AM

Quant Time: Apr 02 16:26:35 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM040220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 02 10:49:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	2178	0.40	ng/ul	0.00
2) Naphthalene-d8	10.33	136	9282	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.20	164	6465	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.95	188	15666	0.40	ng/ul	0.00
16) Chrysene-d12	21.14	240	16531	0.40	ng/ul	0.00
20) Perylene-d12	23.29	264	16599	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.94	152	826	0.05	ng/ul	0.01
14) Fluoranthene-d10	18.98	212	2466	0.05	ng/ul	0.00
Target Compounds				Ovalue		
7) Acenaphthylene	13.92	152	603	0.022	ng/ul#	74
8) Acenaphthene	14.27	153	23805	1.038	ng/ul	100
9) Fluorene	15.26	166	11952	0.420	ng/ul	99
12) Phenanthrene	16.99	178	119410	2.420	ng/ul	99
13) Anthracene	17.08	178	15579	0.357	ng/ul	100
15) Fluoranthene	19.01	202	195009	3.198	ng/ul	99
17) Pyrene	19.37	202	143158	2.418	ng/ul	99
18) Benzo(a)anthracene	21.13	228	15399	0.261	ng/ul	100
19) Chrysene	21.18	228	22774	0.353	ng/ul	99
21) Benzo(b)fluoranthene	22.66	252	2853m	0.047	ng/ul	

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

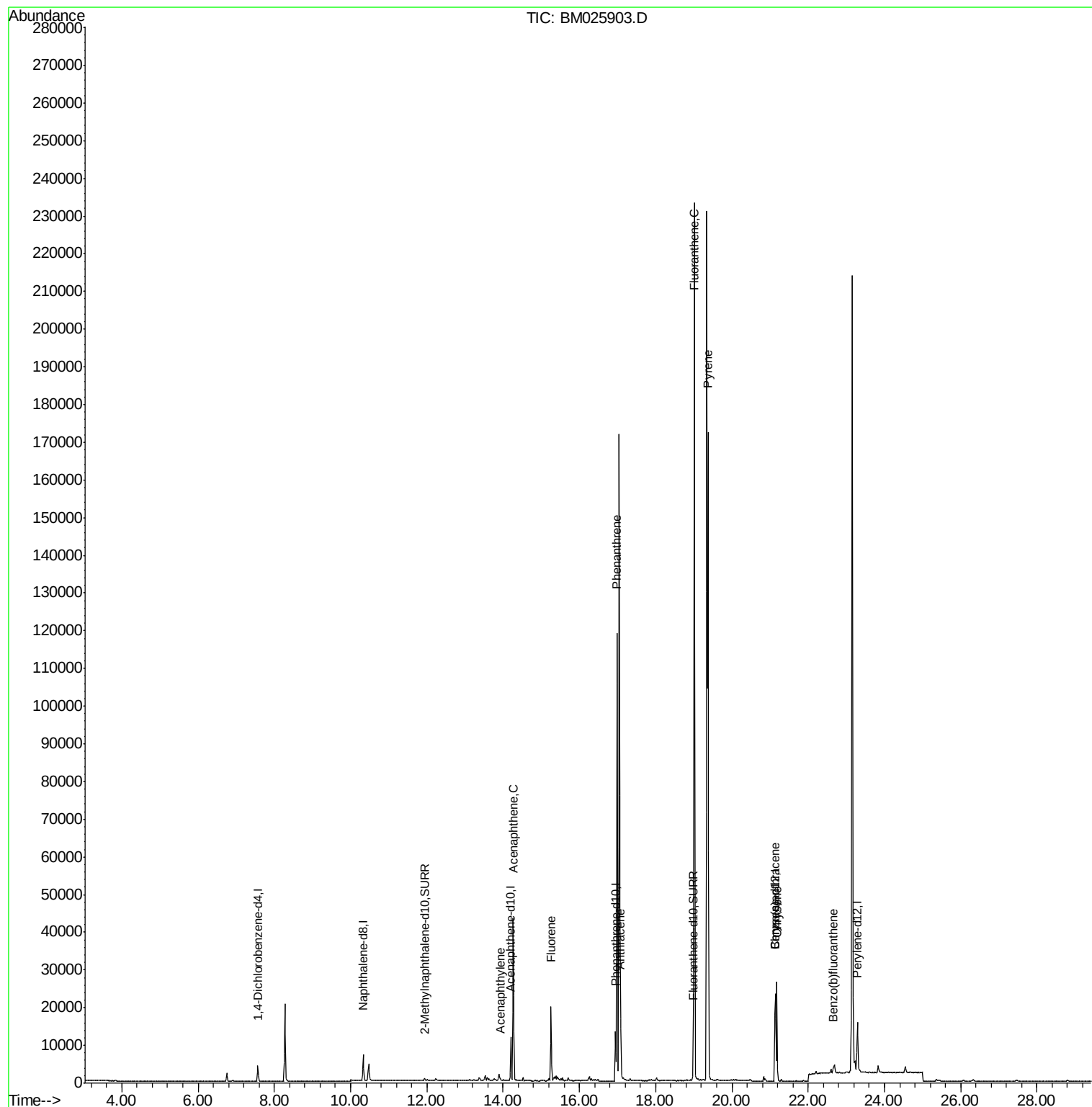
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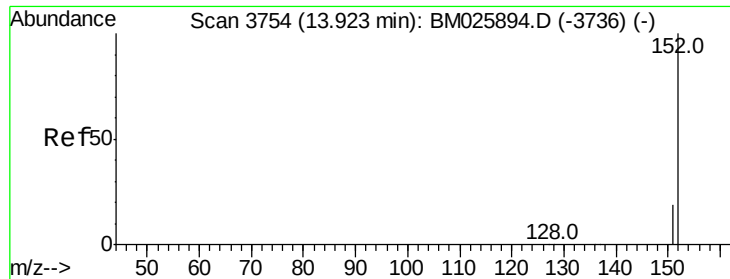
Instrument :
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QLast Update : Thu Apr 02 10:49:07 2020
Response via : Initial Calibration





#7

Acenaphthylene

Concen: 0.022 ng/ul

RT: 13.92 min Scan# 3754

Delta R.T. 0.00 min

Lab File: BM025903.D

Acq: 02 Apr 2020 15:52

Instrument :

BNA_M

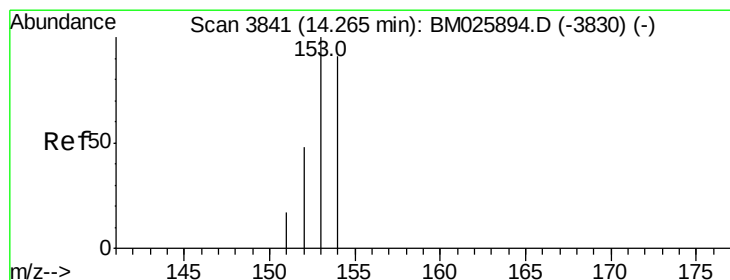
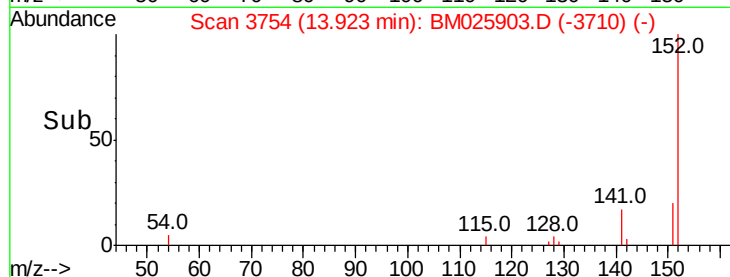
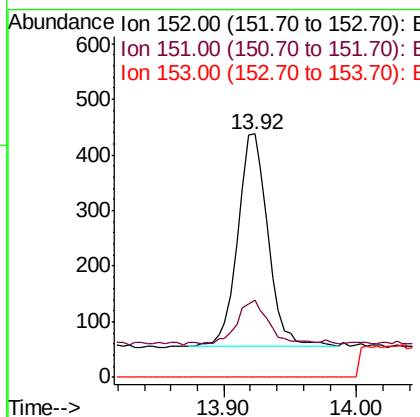
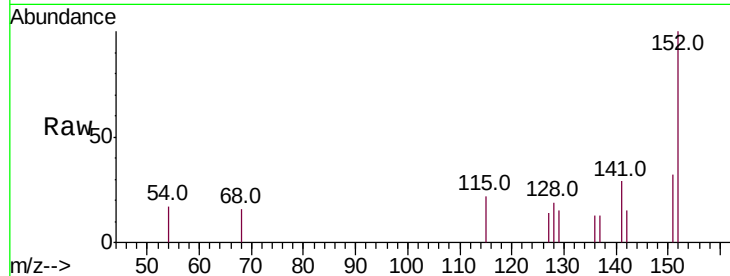
ClientSampleId :

DBD22DL

Tot Ion	Ratio	Lower	Upper
152	100		
151	32.0	16.1	24.1
153	0.0	0.0	0.0

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#8

Acenaphthene

Concen: 1.038 ng/ul

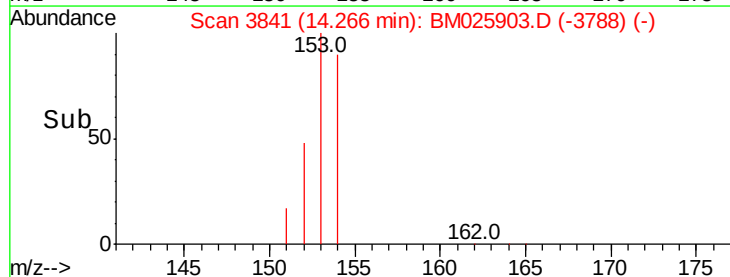
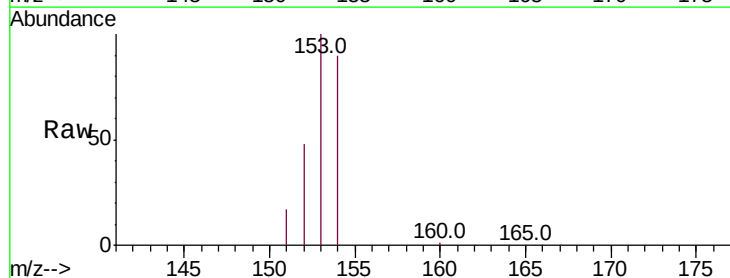
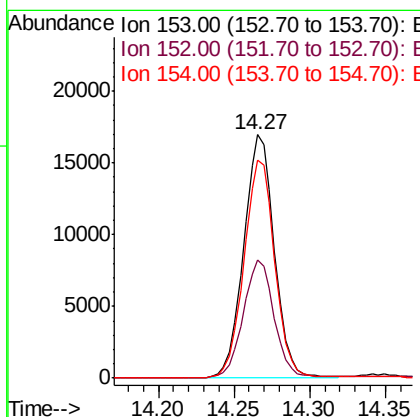
RT: 14.27 min Scan# 3841

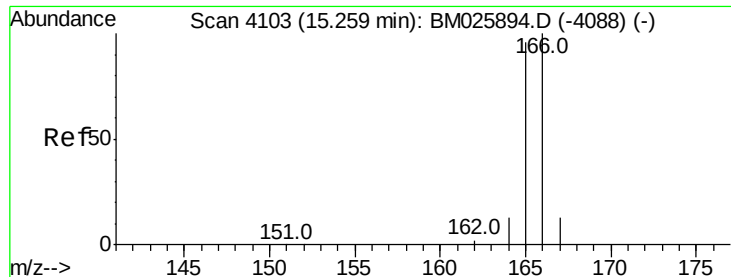
Delta R.T. 0.00 min

Lab File: BM025903.D

Acq: 02 Apr 2020 15:52

Tgt Ion	Ratio	Lower	Upper
153	100		
152	48.5	38.8	58.2
154	89.7	71.9	107.9





#9

Fluorene

Concen: 0.420 ng/ul

RT: 15.26 min Scan# 4103

Delta R.T. 0.00 min

Lab File: BM025903.D

Acq: 02 Apr 2020 15:52

Instrument :

BNA_M

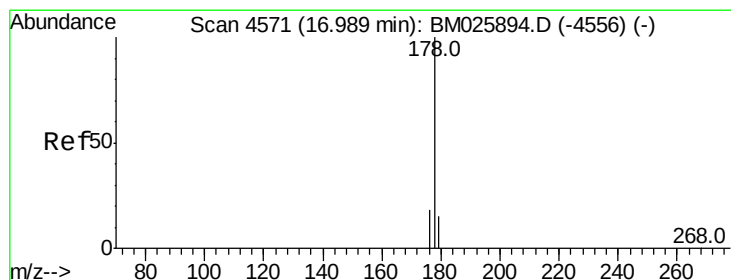
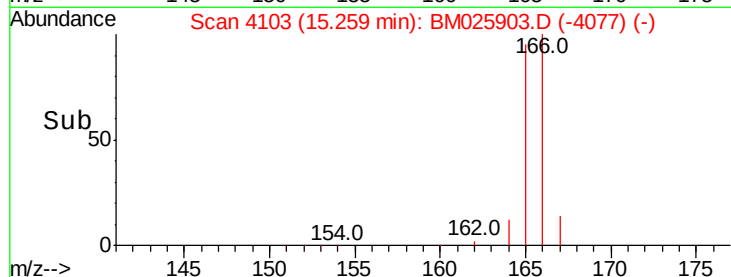
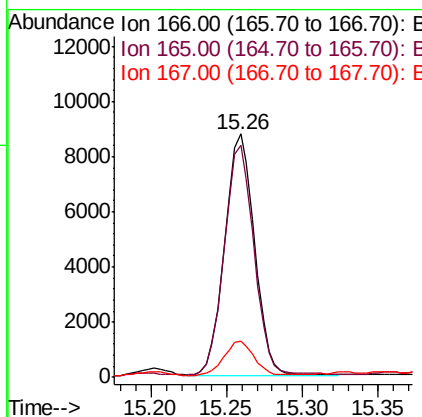
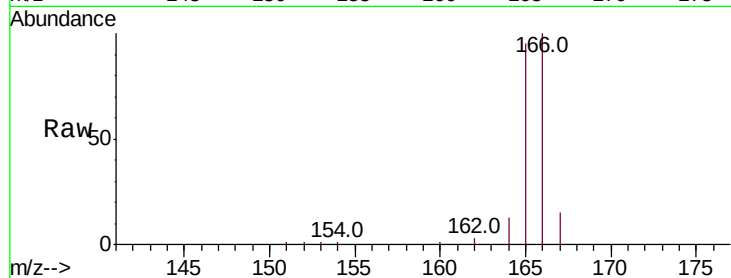
ClientSampleId :

DBD22DL

Tot Ion:	166	Resp:	11952
Ion Ratio	Lower	Upper	
166	100		
165	95.4	76.6	115.0
167	14.7	11.4	17.0

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#12

Phenanthrene

Concen: 2.420 ng/ul

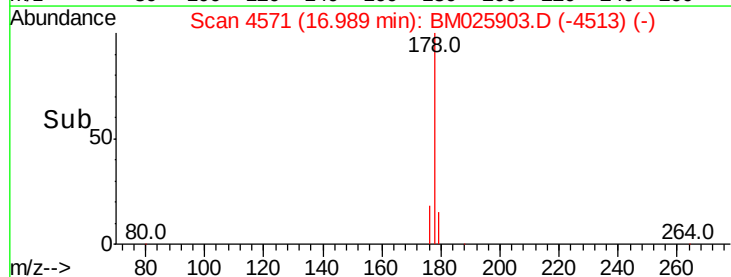
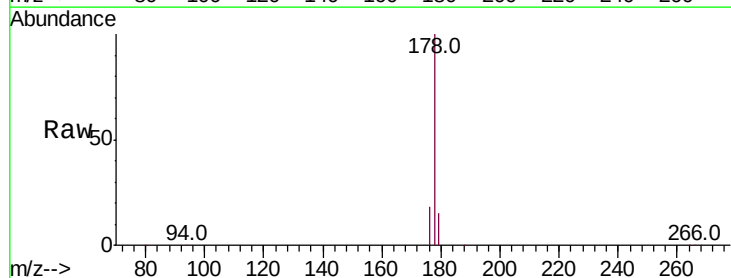
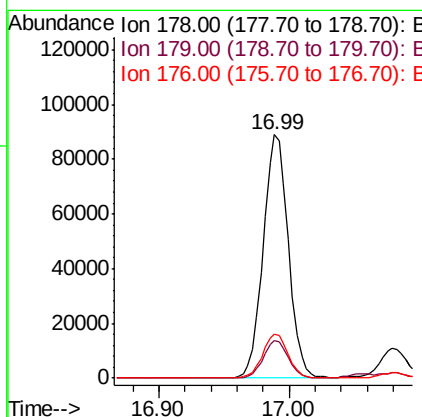
RT: 16.99 min Scan# 4571

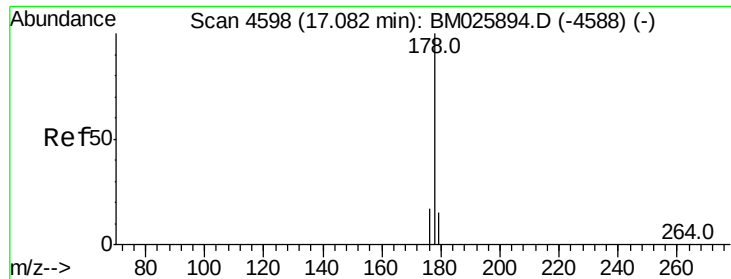
Delta R.T. 0.00 min

Lab File: BM025903.D

Acq: 02 Apr 2020 15:52

Tgt Ion:	178	Resp:	119410
Ion Ratio	Lower	Upper	
178	100		
179	15.5	12.8	19.2
176	18.2	15.1	22.7





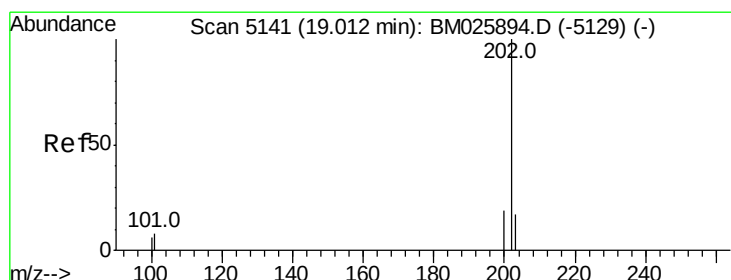
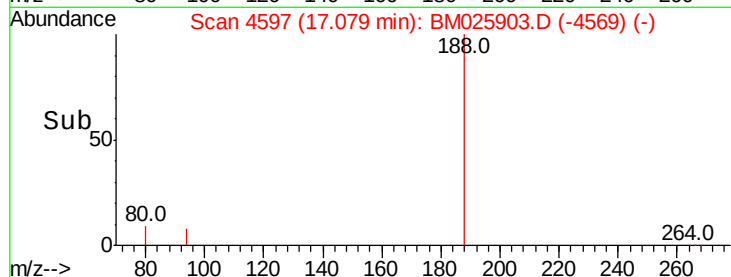
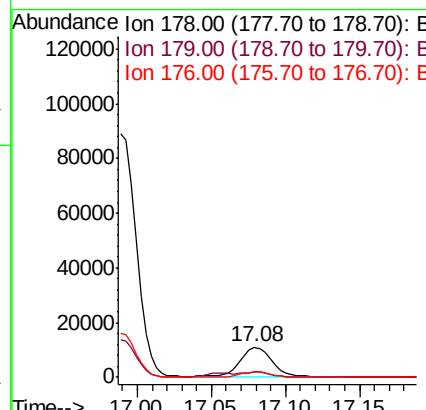
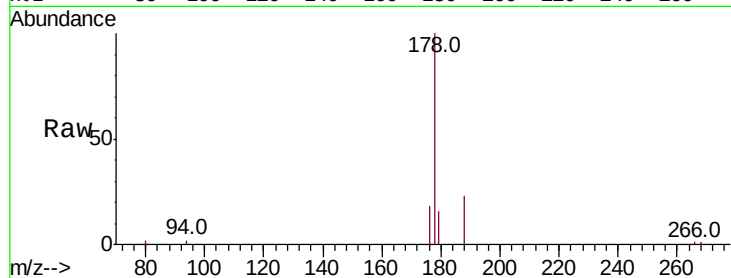
#13
 Anthracene
 Concen: 0.357 ng/ul
 RT: 17.08 min Scan# 4597
 Delta R.T. -0.00 min
 Lab File: BM025903.D
 Acq: 02 Apr 2020 15:52

Instrument :
 BNA_M
 ClientSampleId :
 DBD22DL

Tot Ion	Ratio	Lower	Upper
178	100		
179	16.4	12.8	19.2
176	18.1	14.5	21.7

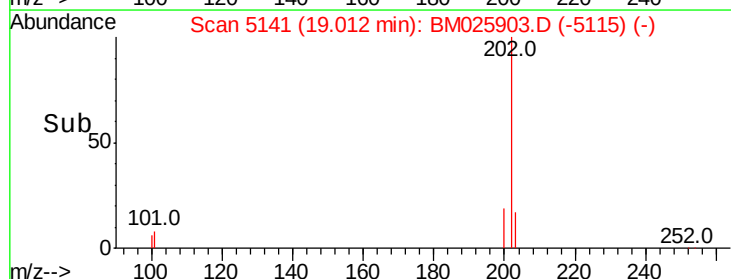
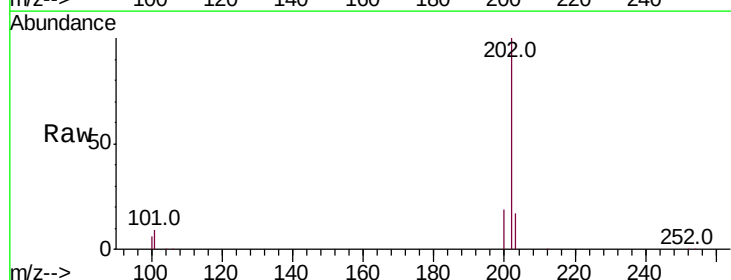
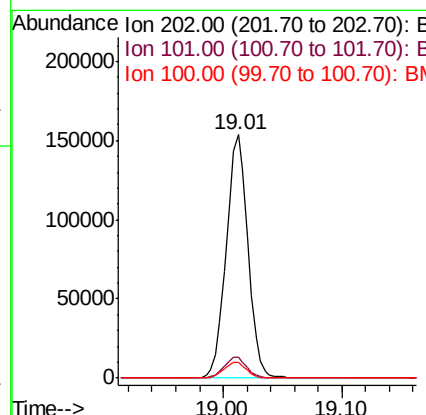
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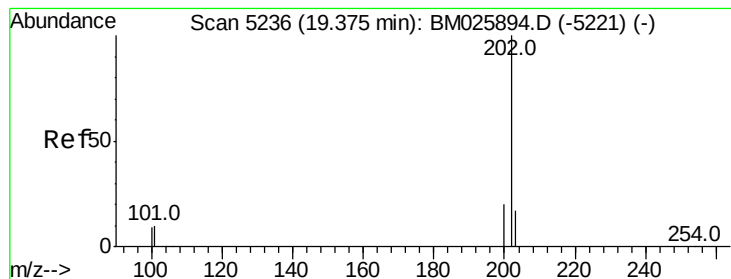
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#15
 Fluoranthene
 Concen: 3.198 ng/ul
 RT: 19.01 min Scan# 5141
 Delta R.T. 0.00 min
 Lab File: BM025903.D
 Acq: 02 Apr 2020 15:52

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.5	0.0	28.6
100	6.5	0.0	27.0





#17

Pvrene

Concen: 2.418 ng/ul

RT: 19.37 min Scan# 5236

Delta R.T. 0.00 min

Lab File: BM025903.D

Acq: 02 Apr 2020 15:52

Instrument :

BNA_M

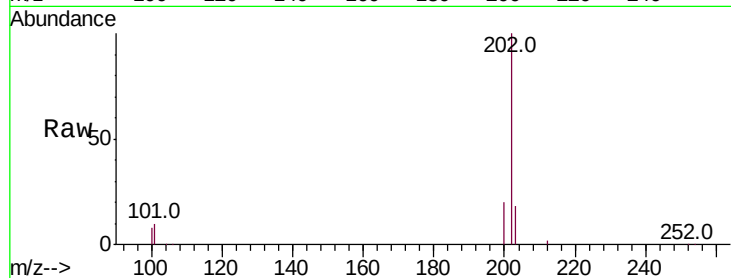
ClientSampled :

DBD22DL

Tot Ion:	202	Resp:	143158
Ion Ratio	Lower	Upper	
202	100		
101	9.9	7.5	11.3
100	8.1	6.3	9.5

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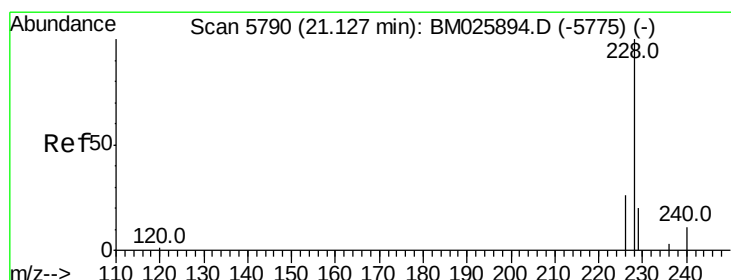
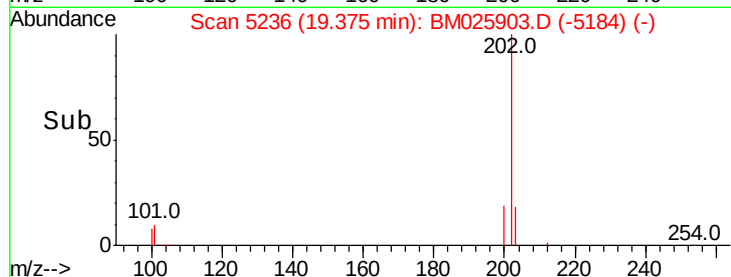
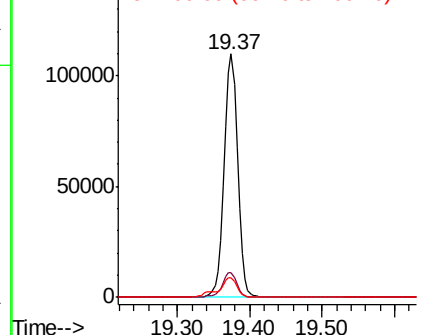
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E



#18

Benzo(a)anthracene

Concen: 0.261 ng/ul

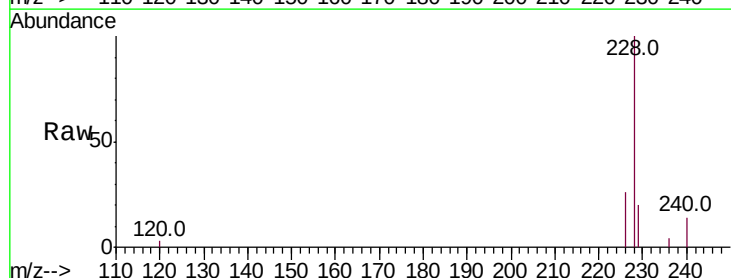
RT: 21.13 min Scan# 5790

Delta R.T. 0.00 min

Lab File: BM025903.D

Acq: 02 Apr 2020 15:52

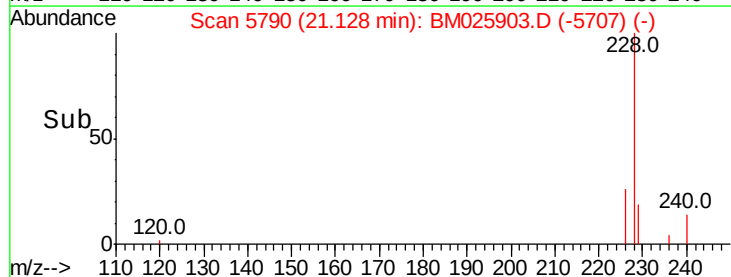
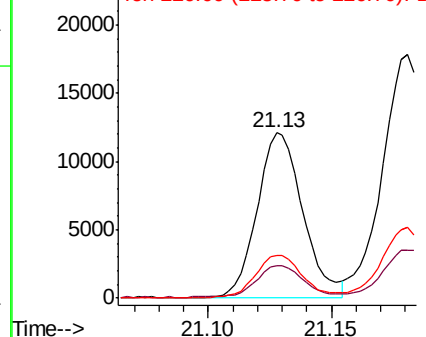
Tgt Ion:	228	Resp:	15399
Ion Ratio	Lower	Upper	
228	100		
229	19.8	15.8	23.8
226	26.0	20.9	31.3

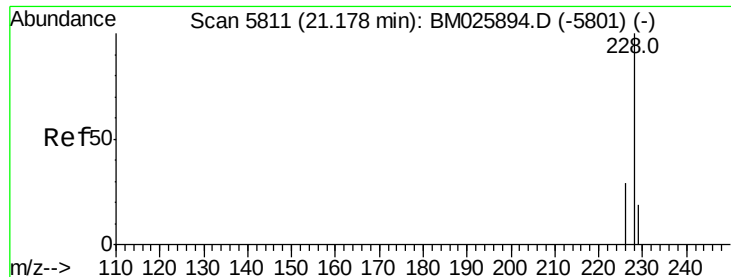


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 0.353 ng/ul

RT: 21.18 min Scan# 5812

Delta R.T. 0.00 min

Lab File: BM025903.D

Acq: 02 Apr 2020 15:52

Instrument :

BNA_M

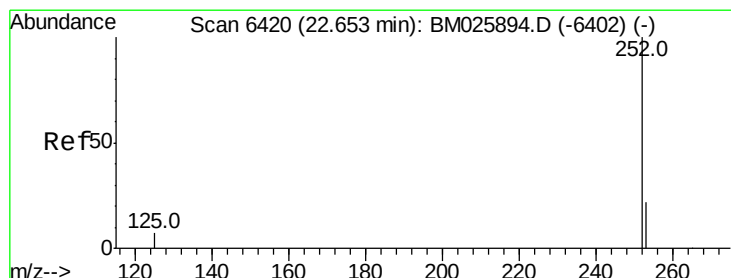
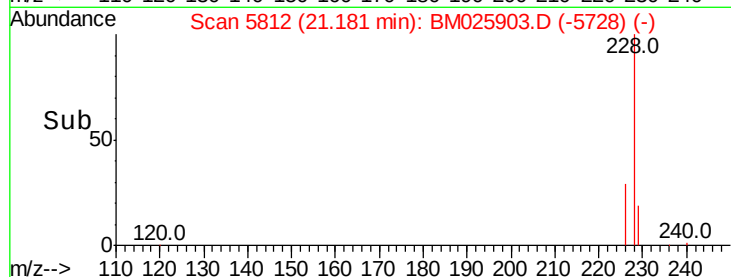
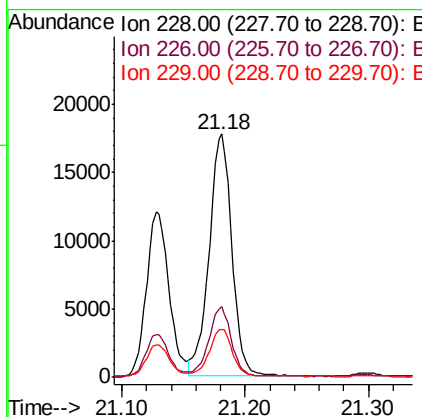
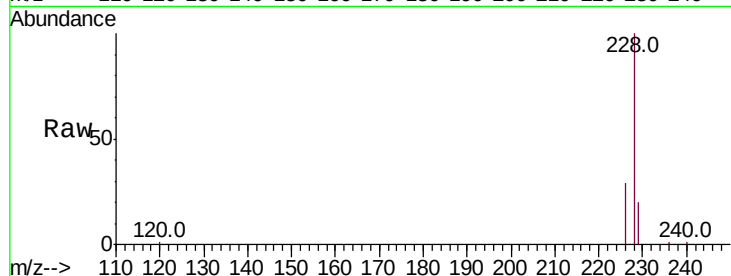
ClientSampleId :

DBD22DL

Tot Ion:228	Resp:	22774
Ion Ratio	Lower	Upper
228 100		
226 29.0	22.9	34.3
229 19.7	15.8	23.8

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#21

Benzo(b)fluoranthene

Concen: 0.047 ng/ul m

RT: 22.66 min Scan# 6424

Delta R.T. 0.01 min

Lab File: BM025903.D

Acq: 02 Apr 2020 15:52

Tgt Ion:252	Resp:	2853
Ion Ratio	Lower	Upper
252 100		
253 45.7	0.0	46.6
125 26.9	0.0	15.4#

