

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030320\
 Data File : BM025305.D
 Acq On : 06 Mar 2020 02:46
 Operator : CG/JU
 Sample : L1568-09
 Misc :
 ALS Vial : 102 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBDB2

Manual Integrations
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mohammad
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Quant Time: Mar 06 04:48:26 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 06 02:46:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	3986	0.40	ng/ul	0.00
2) Naphthalene-d8	10.44	136	17948	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.30	164	13627	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.04	188	31720m	0.40	ng/ul	0.00
16) Chrysene-d12	21.23	240	33450	0.40	ng/ul	0.00
20) Perylene-d12	23.42	264	25943	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.03	152	10276	0.31	ng/ul	0.00
14) Fluoranthene-d10	19.07	212	33215	0.32	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.49	128	2226	0.041	ng/ul#	91
7) Acenaphthylene	14.01	152	2772	0.043	ng/ul#	91
9) Fluorene	15.35	166	1373	0.022	ng/ul#	94
12) Phenanthrene	17.08	178	24701	0.241	ng/ul	96
13) Anthracene	17.17	178	8955	0.099	ng/ul	98
15) Fluoranthene	19.10	202	96953	0.757	ng/ul	94
17) Pyrene	19.46	202	84922	0.669	ng/ul#	95
18) Benzo(a)anthracene	21.21	228	35966	0.293	ng/ul	96
19) Chrysene	21.26	228	44739	0.331	ng/ul	99
21) Benzo(b)fluoranthene	22.77	252	59768m	0.576	ng/ul	
22) Benzo(k)fluoranthene	22.80	252	18665m	0.171	ng/ul	
23) Benzo(a)pyrene	23.32	252	27596	0.317	ng/ul#	96
24) Indeno(1,2,3-cd)pyrene	25.59	276	17281	0.159	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.60	278	3773	0.042	ng/ul#	63
26) Benzo(g,h,i)perylene	26.25	276	11557	0.125	ng/ul	96

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

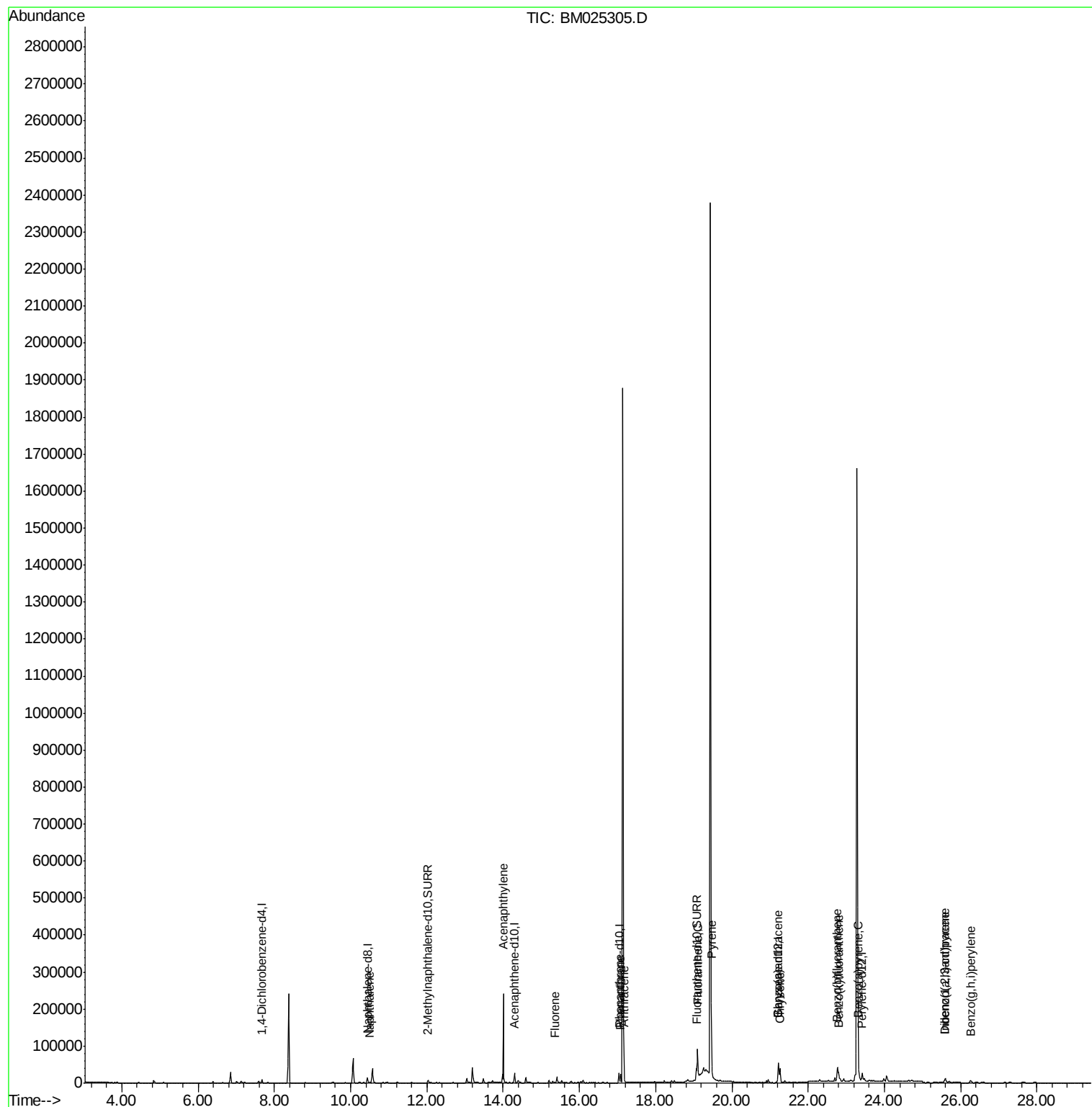
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030320\
Data File : BM025305.D
Acq On : 06 Mar 2020 02:46
Operator : CG/JU
Sample : L1568-09
Misc :
ALS Vial : 102 Sample Multiplier: 1

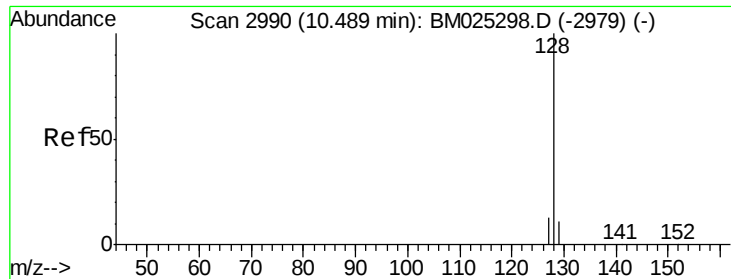
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030320.M
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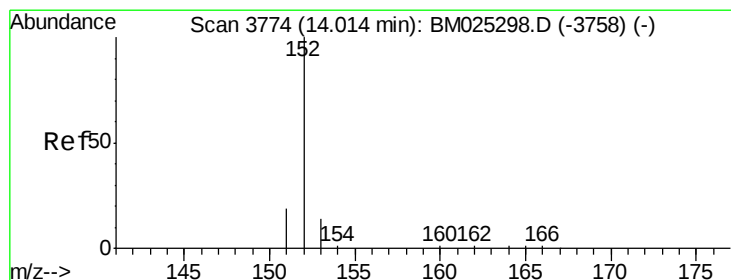
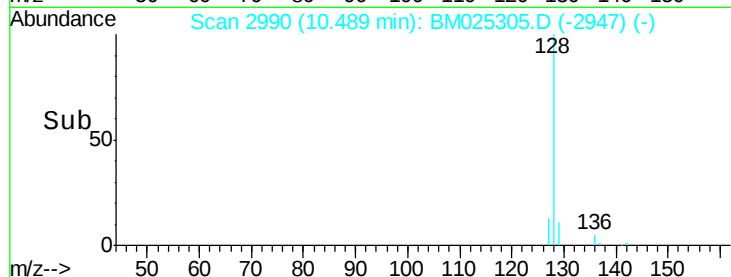
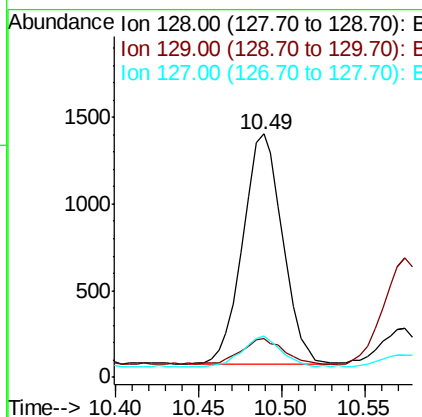
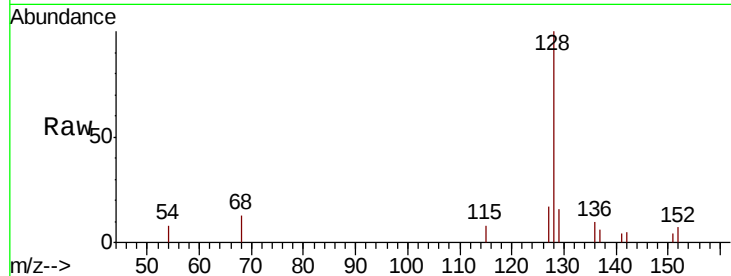
#3
Naphthalene
Concen: 0.041 ng/ul
RT: 10.49 min Scan# 2990
Delta R.T. -0.00 min
Lab File: BM025305.D
Acq: 06 Mar 2020 02:46

Instrument :
BNA_M
ClientSampleId :
DBDB2

Tot Ion	Ratio	Lower	Upper
128	100		
129	16.1	17.0	25.6#
127	16.9	15.7	23.5

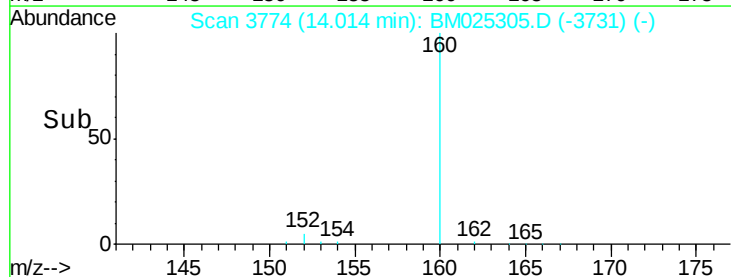
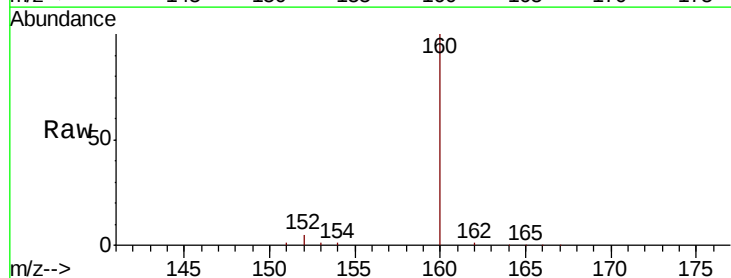
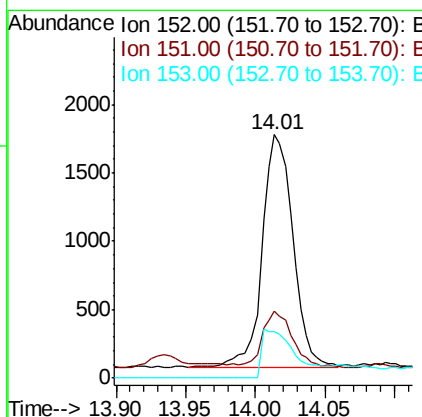
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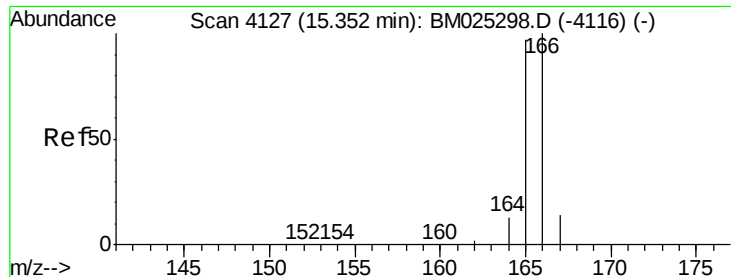
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#7
Acenaphthylene
Concen: 0.043 ng/ul
RT: 14.01 min Scan# 3774
Delta R.T. -0.01 min
Lab File: BM025305.D
Acq: 06 Mar 2020 02:46

Tgt Ion	Ratio	Lower	Upper
152	100		
151	27.5	17.8	26.8#
153	18.9	13.3	19.9





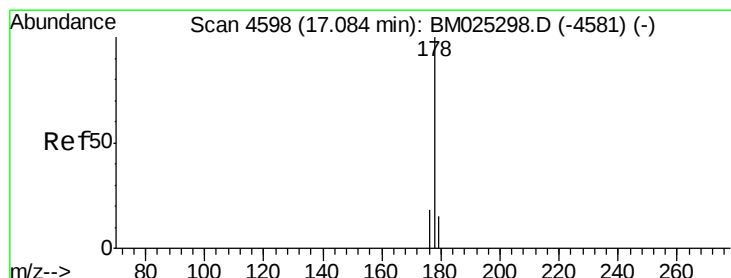
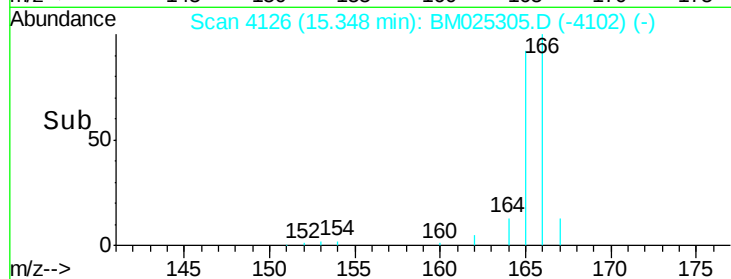
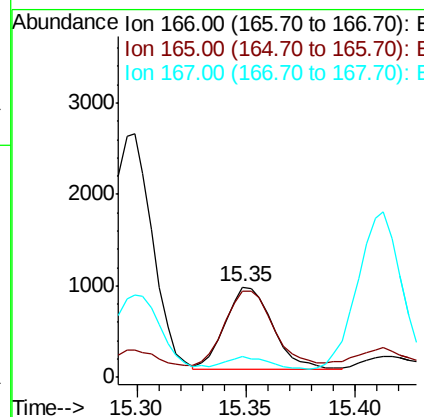
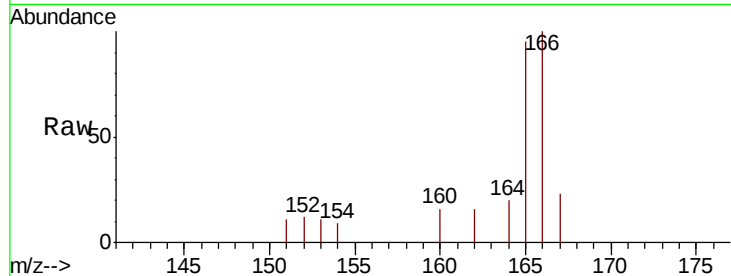
#9
Fluorene
 Concen: 0.022 ng/ul
 RT: 15.35 min Scan# 4126
 Delta R.T. -0.01 min
 Lab File: BM025305.D
 Acq: 06 Mar 2020 02:46

Instrument :
 BNA_M
 ClientSampleId :
 DBDB2

Tot Ion	Ratio	Lower	Upper
166	100		
165	95.1	80.0	120.0
167	22.9	13.7	20.5

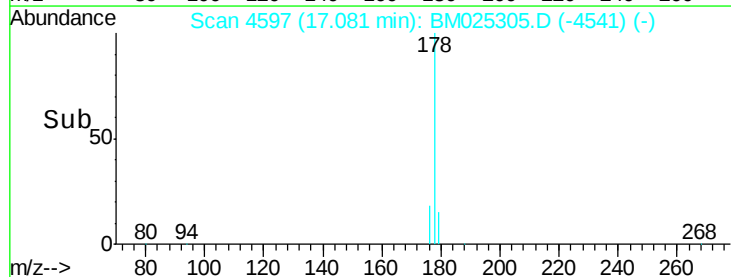
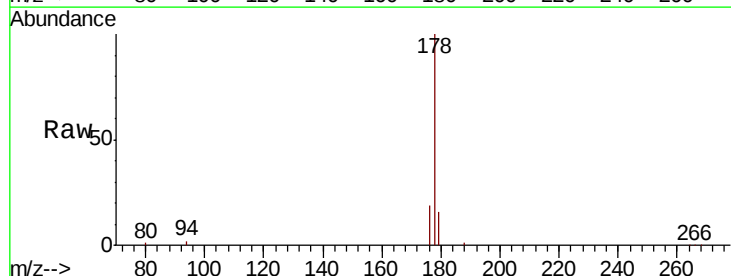
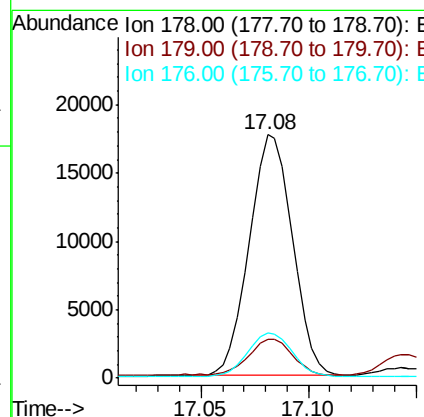
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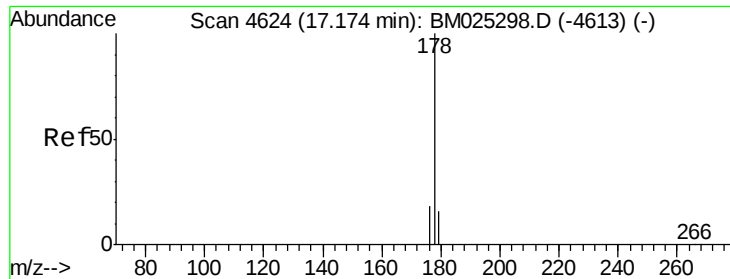
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#12
Phenanthrene
 Concen: 0.241 ng/ul
 RT: 17.08 min Scan# 4597
 Delta R.T. -0.01 min
 Lab File: BM025305.D
 Acq: 06 Mar 2020 02:46

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.1	14.0	21.0
176	18.7	16.6	24.8





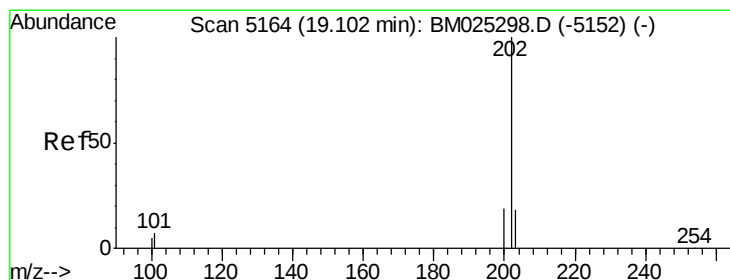
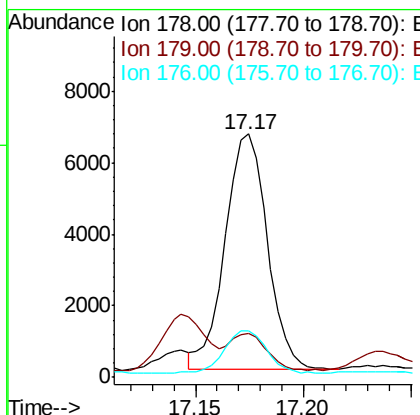
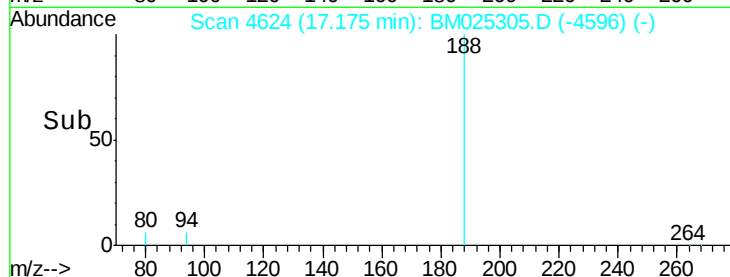
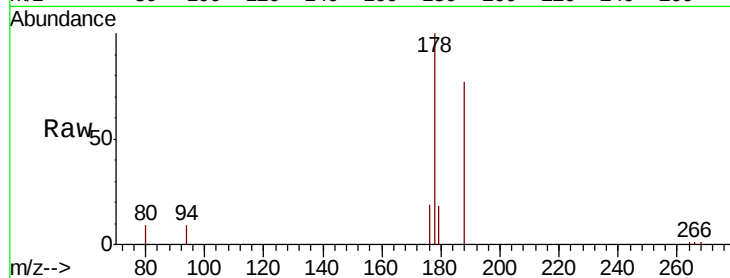
#13
 Anthracene
 Concen: 0.099 ng/ul
 RT: 17.17 min Scan# 4624
 Delta R.T. -0.00 min
 Lab File: BM025305.D
 Acq: 06 Mar 2020 02:46

Instrument :
 BNA_M
 ClientSampleId :
 DBDB2

Tot Ion	Ratio	Lower	Upper
178	100		
179	17.9	14.1	21.1
176	18.9	16.2	24.4

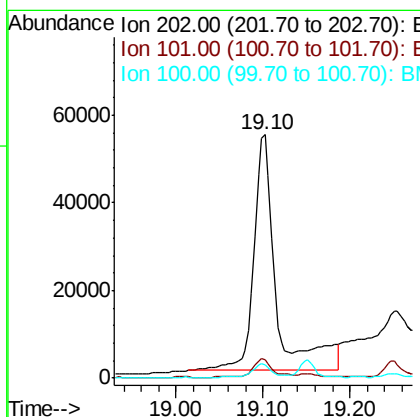
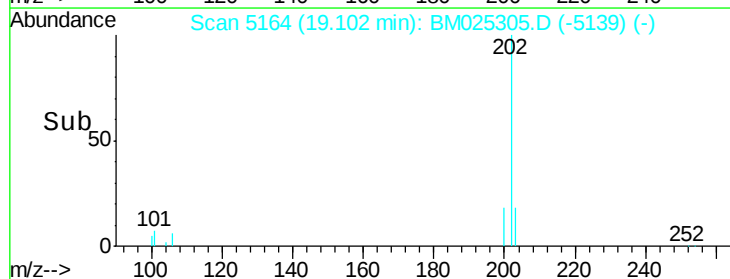
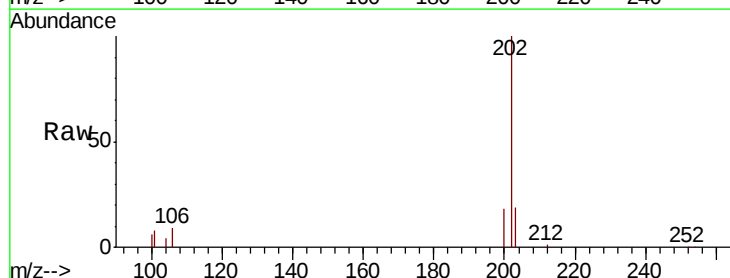
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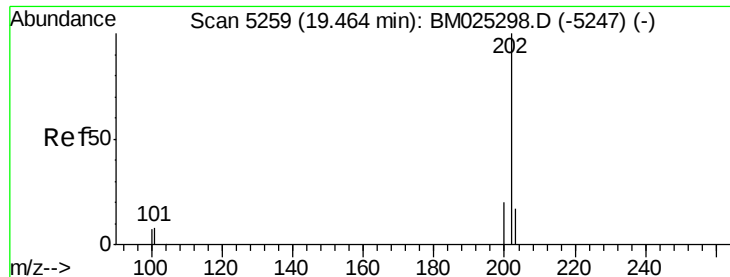
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#15
 Fluoranthene
 Concen: 0.757 ng/ul
 RT: 19.10 min Scan# 5164
 Delta R.T. -0.00 min
 Lab File: BM025305.D
 Acq: 06 Mar 2020 02:46

Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.6	0.0	29.4
100	5.5	0.0	28.0





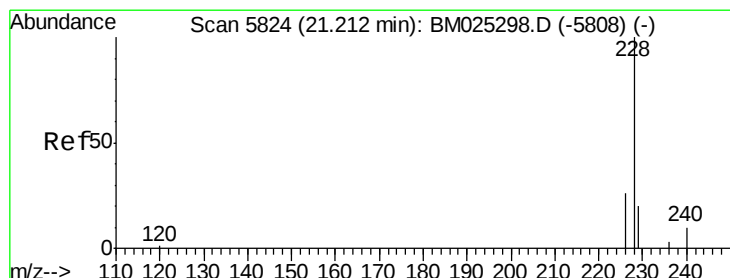
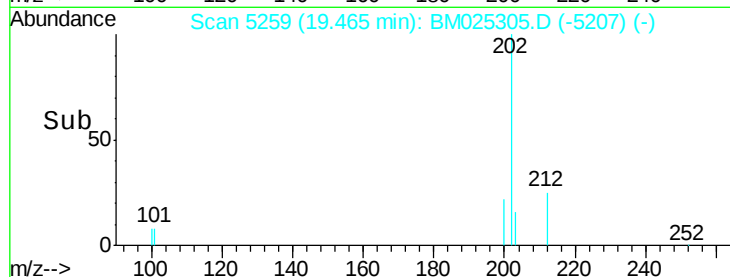
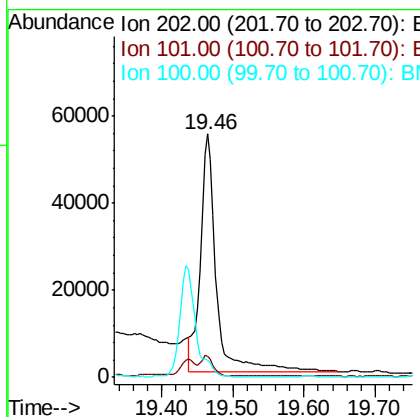
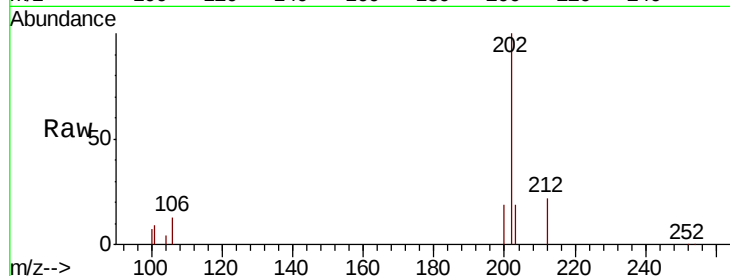
#17
Pvrene
Concen: 0.669 ng/ul
RT: 19.46 min Scan# 5259
Delta R.T. -0.00 min
Lab File: BM025305.D
Acq: 06 Mar 2020 02:46

Instrument :
BNA_M
ClientSampleId :
DBDB2

Tot Ion	Ratio	Lower	Upper
202	100		
101	8.8	8.7	13.1
100	7.2	7.3	10.9

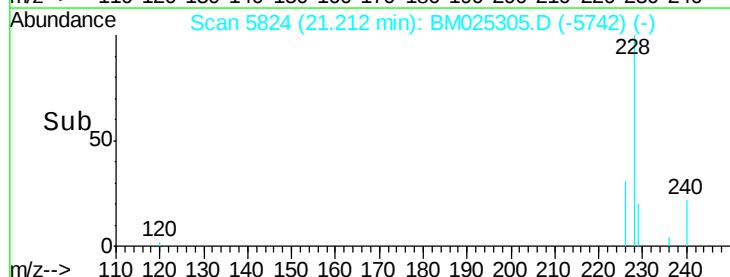
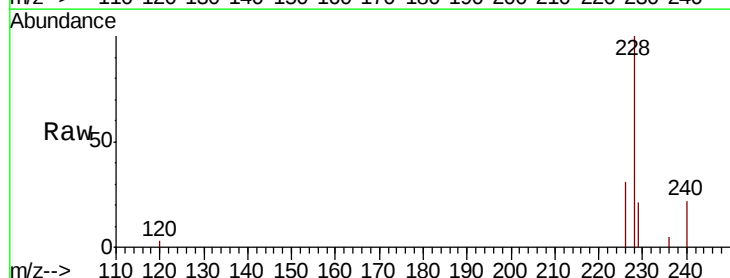
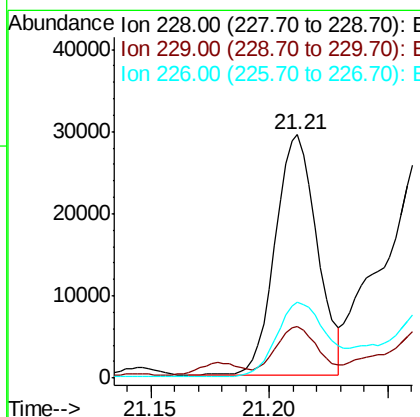
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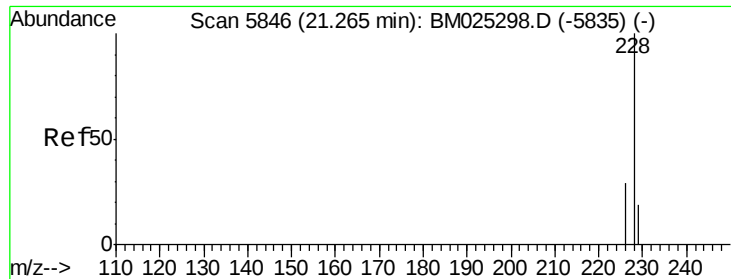
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#18
Benzo(a)anthracene
Concen: 0.293 ng/ul
RT: 21.21 min Scan# 5824
Delta R.T. -0.00 min
Lab File: BM025305.D
Acq: 06 Mar 2020 02:46

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.2	16.6	25.0
226	31.1	21.9	32.9





#19

Chrysene

Concen: 0.331 ng/ul

RT: 21.26 min Scan# 5845

Delta R.T. -0.00 min

Lab File: BM025305.D

Acq: 06 Mar 2020 02:46

Instrument :

BNA_M

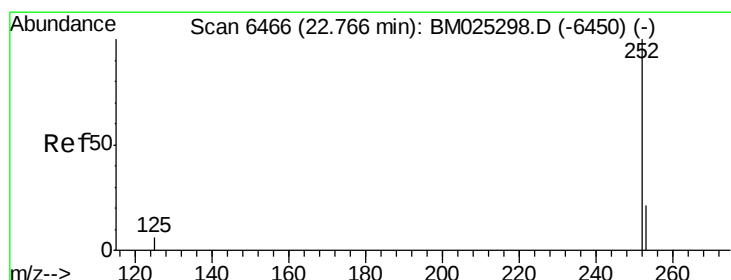
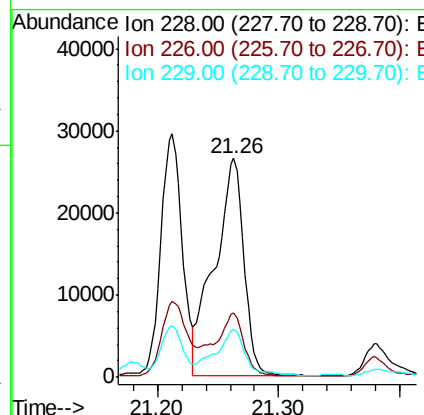
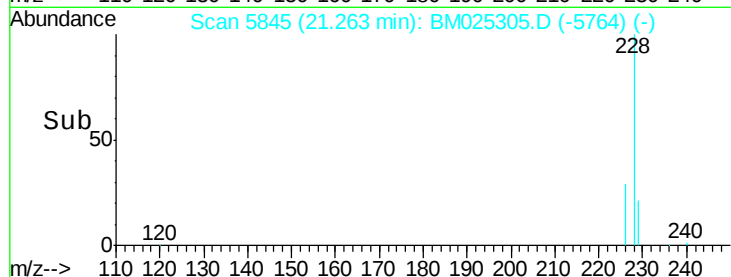
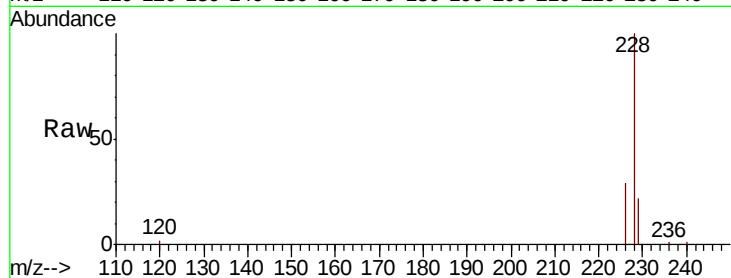
ClientSampleId :

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Tot Ion:228	Resp:	44739
Ion Ratio	Lower	Upper
228 100		
226 29.3	23.8	35.8
229 21.6	16.9	25.3

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#21

Benzo(b)fluoranthene

Concen: 0.576 ng/ul m

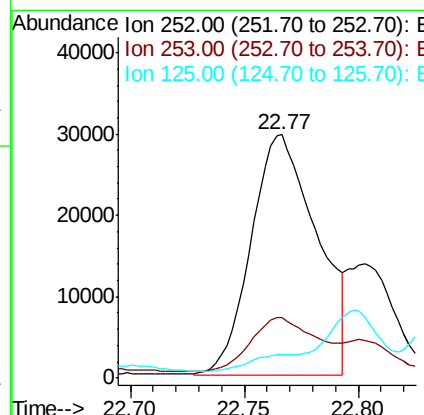
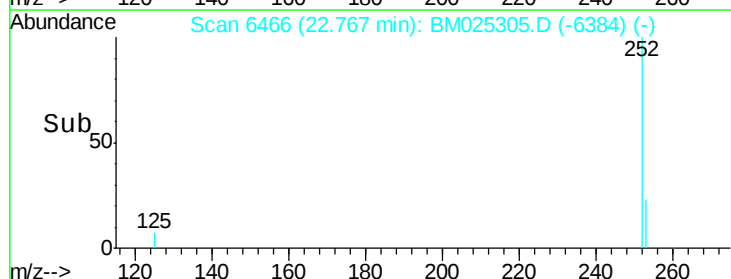
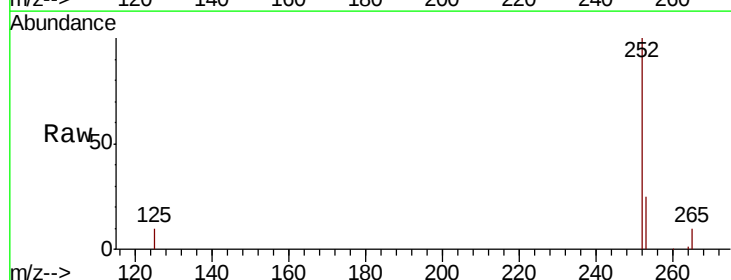
RT: 22.77 min Scan# 6466

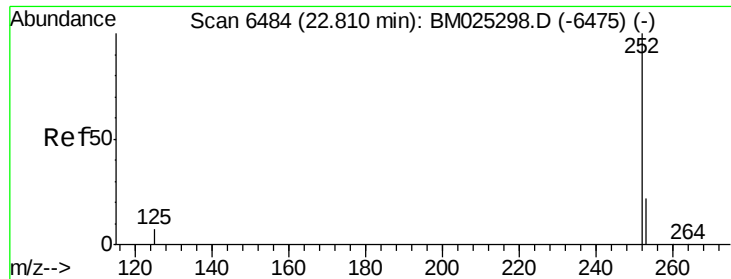
Delta R.T. -0.00 min

Lab File: BM025305.D

Acq: 06 Mar 2020 02:46

Tgt Ion:252	Resp:	59768
Ion Ratio	Lower	Upper
252 100		
253 24.8	0.0	49.8
125 9.7	0.0	28.6





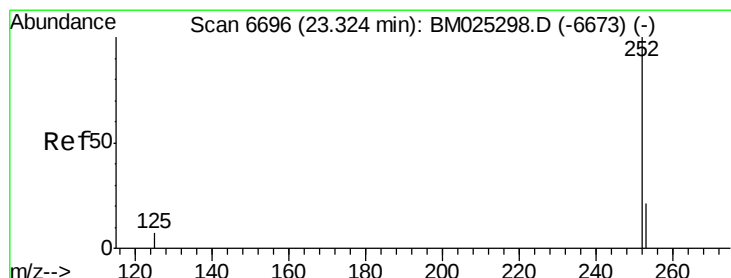
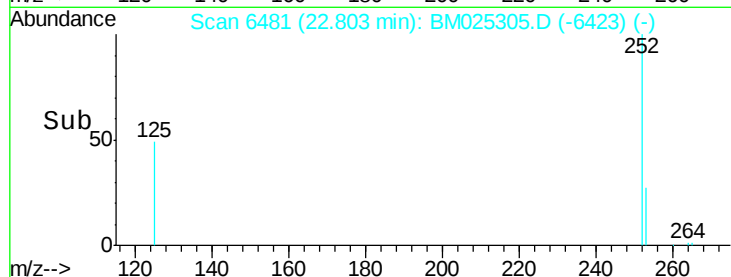
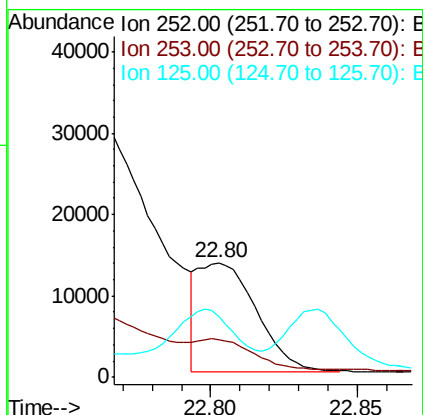
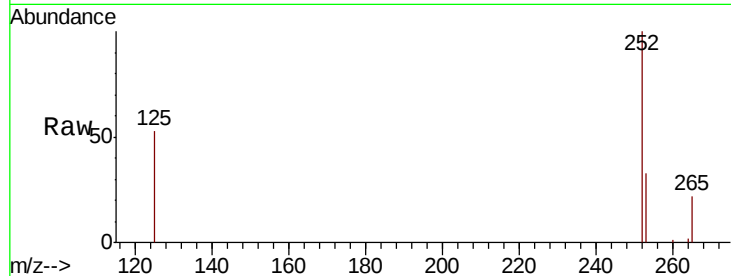
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Benzo(k)fluoranthene
Concen: 0.171 ng/ul m
RT: 22.80 min Scan# 6481
Delta R.T. -0.01 min
Lab File: BM025305.D
Acq: 06 Mar 2020 02:46

Instrument :
BNA_M
ClientSampleId :
DBDB2

Tot Ion	Ratio	Lower	Upper
252	100		
253	32.9	19.4	29.0#
125	53.2	10.7	16.1#

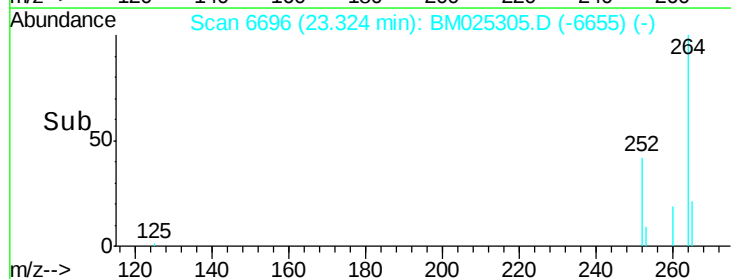
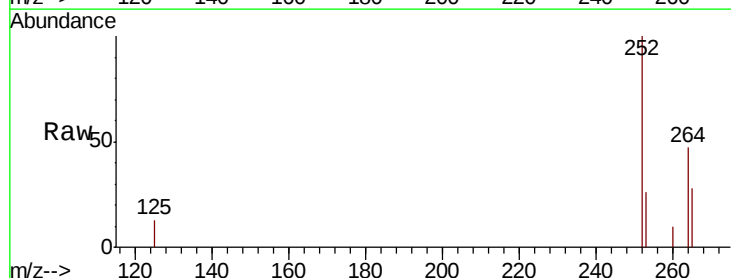
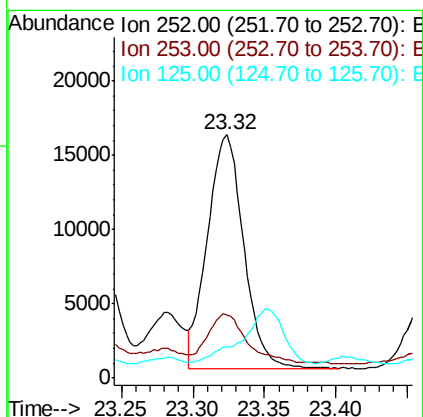
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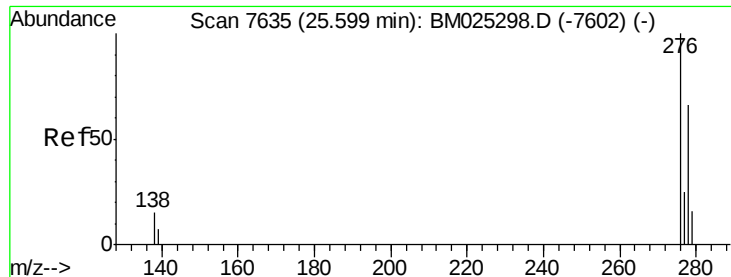
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#23
Benzo(a)pyrene
Concen: 0.317 ng/ul
RT: 23.32 min Scan# 6696
Delta R.T. 0.00 min
Lab File: BM025305.D
Acq: 06 Mar 2020 02:46

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.1	20.3	30.5
125	12.6	13.0	19.4#





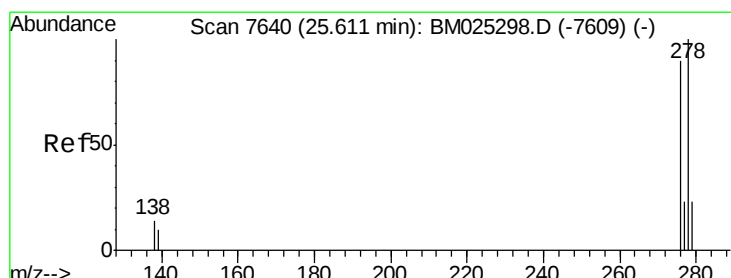
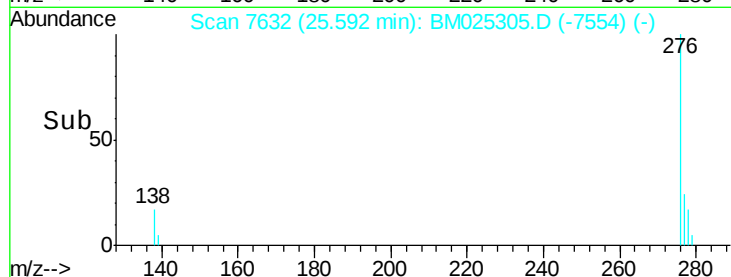
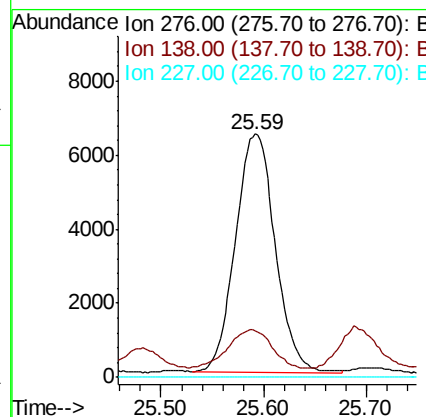
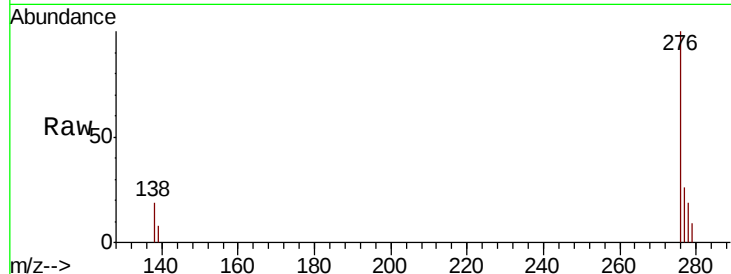
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.159 ng/ul
 RT: 25.59 min Scan# 7632
 Delta R.T. -0.01 min
 Lab File: BM025305.D
 Acq: 06 Mar 2020 02:46

Instrument :
 BNA_M
 ClientSampleId :
 DBDB2

Tot Ion	Ratio	Lower	Upper
276	100		
138	18.6	0.0	0.0#
227	0.0	0.0	0.0

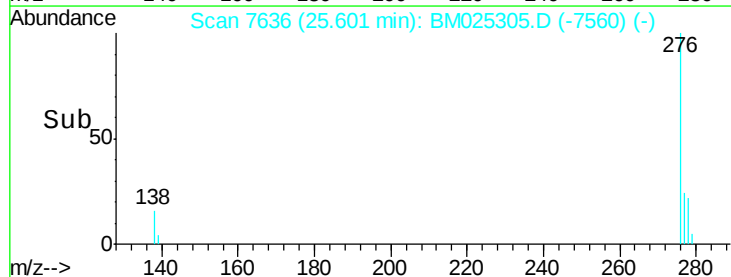
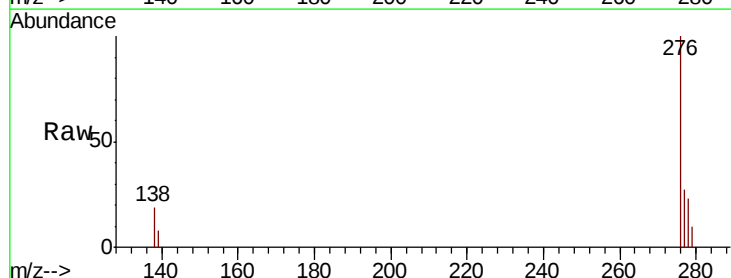
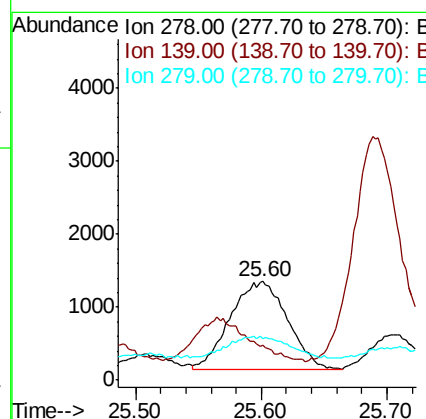
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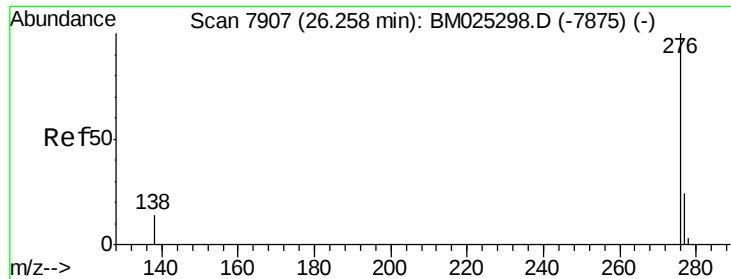
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#25
 Dibenzo(a,h)anthracene
 Concen: 0.042 ng/ul
 RT: 25.60 min Scan# 7636
 Delta R.T. -0.02 min
 Lab File: BM025305.D
 Acq: 06 Mar 2020 02:46

Tgt Ion	Ratio	Lower	Upper
278	100		
139	35.9	13.2	19.8#
279	42.5	21.0	31.4#





#26
Benzo(a,h,i)perylene
Concen: 0.125 ng/ul
RT: 26.25 min Scan# 7905
Delta R.T. -0.01 min
Lab File: BM025305.D
Acq: 06 Mar 2020 02:46

Instrument :
BNA_M
ClientSampleId :
DBDB2

Tot Ion	Ratio	Lower	Upper
276	100		
138	18.5	17.9	26.9
277	26.0	20.5	30.7

Manual Integrations
APPROVED

mohammad
3/6/2020 10:15:36 PM

