

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030320\
 Data File : BM025280.D
 Acq On : 05 Mar 2020 09:49
 Operator : CG/JU
 Sample : L1543-08
 Misc :
 ALS Vial : 76 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBD92

Manual Integrations
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Quant Time: Mar 05 14:12:57 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 : Wed Mar 04 08:02:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	4153	0.40	ng/ul	0.00
2) Naphthalene-d8	10.44	136	18218	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.30	164	13509	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.04	188	32484m	0.40	ng/ul	0.00
16) Chrysene-d12	21.23	240	31497	0.40	ng/ul	0.00
20) Perylene-d12	23.42	264	26830	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.04	152	8949	0.26	ng/ul	0.00
14) Fluoranthene-d10	19.07	212	30079	0.28	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.49	128	3638	0.066	ng/ul#	88
5) 2-Methylnaphthalene	12.11	142	1757	0.044	ng/ul	99
7) Acenaphthylene	14.02	152	32668	0.516	ng/ul	94
8) Acenaphthene	14.36	153	4471	0.091	ng/ul	98
9) Fluorene	15.35	166	4492	0.073	ng/ul	99
12) Phenanthrene	17.08	178	78531	0.750	ng/ul	95
13) Anthracene	17.17	178	155379	1.671	ng/ul	95
15) Fluoranthene	19.10	202	1143555	8.723	ng/ul	95
17) Pyrene	19.47	202	1504764	12.597	ng/ul#	95
18) Benzo(a)anthracene	21.21	228	702613	6.069	ng/ul	99
19) Chrysene	21.27	228	1174464	9.232	ng/ul	99
21) Benzo(b)fluoranthene	22.77	252	1882553m	17.537	ng/ul	
22) Benzo(k)fluoranthene	22.81	252	499898m	4.441	ng/ul	
23) Benzo(a)pyrene	23.33	252	589442	6.540	ng/ul#	89
24) Indeno(1,2,3-cd)pyrene	25.60	276	420379	3.742	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.60	278	100703	1.082	ng/ul#	96
26) Benzo(a,h,i)perylene	26.26	276	274600	2.878	ng/ul#	91

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

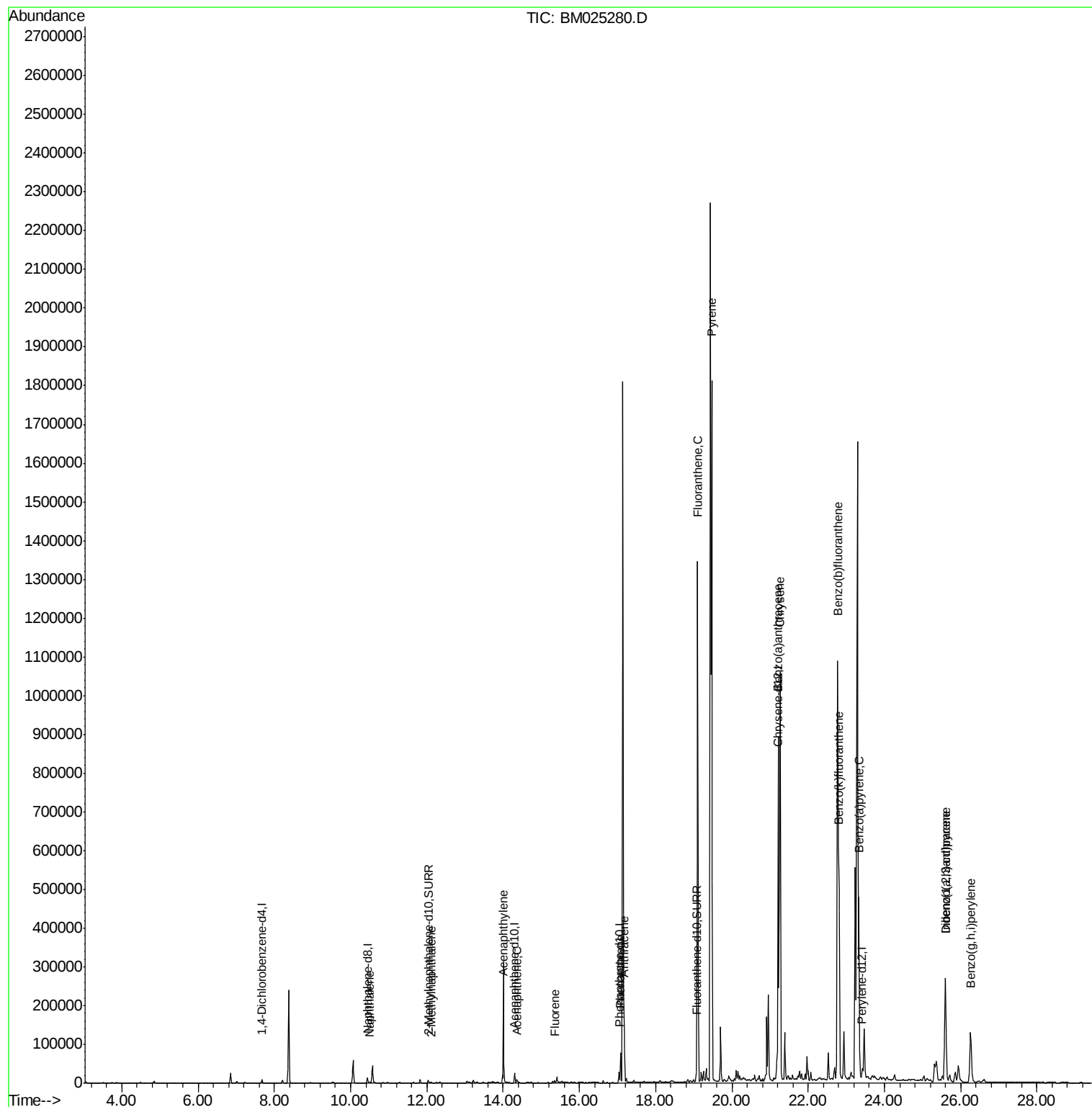
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030320\
Data File : BM025280.D
Acq On : 05 Mar 2020 09:49
Operator : CG/JU
Sample : L1543-08
Misc :
ALS Vial : 76 Sample Multiplier: 1

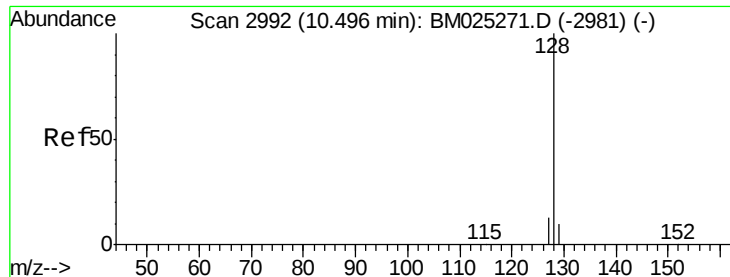
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030320.M
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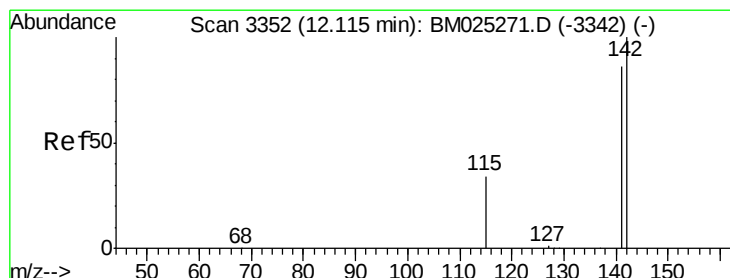
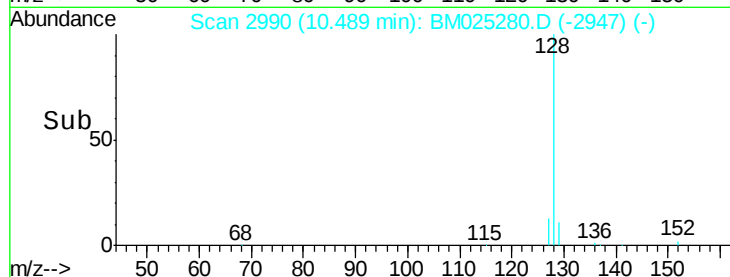
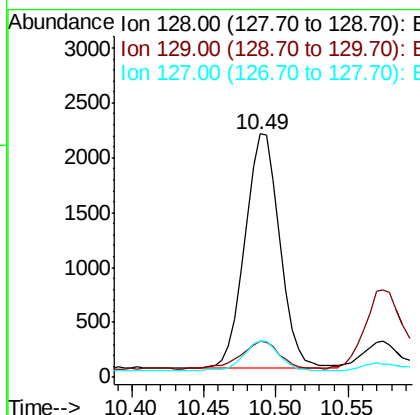
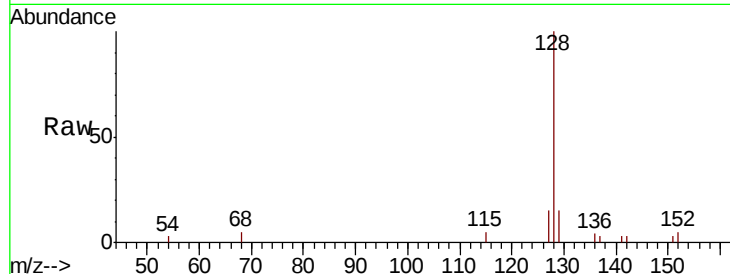
#3
Naphthalene
Concen: 0.066 ng/ul
RT: 10.49 min Scan# 2990
Delta R.T. -0.00 min
Lab File: BM025280.D
Acq: 05 Mar 2020 09:49

Instrument :
BNA_M
ClientSampleId :
DBD92

Tot Ion	Ratio	Lower	Upper
128	100		
129	15.0	17.0	25.6#
127	15.0	15.7	23.5#

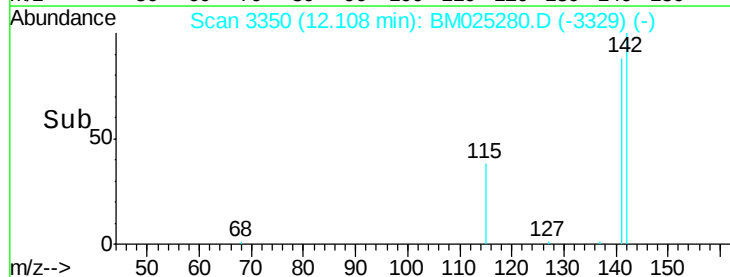
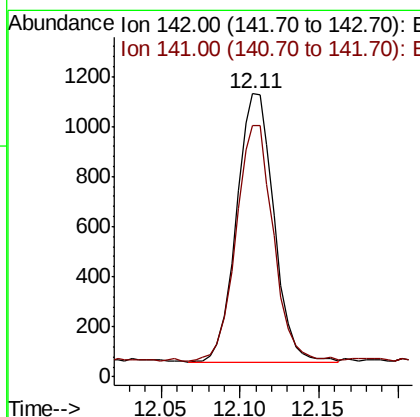
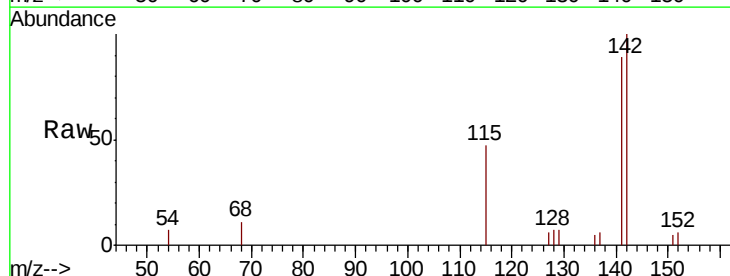
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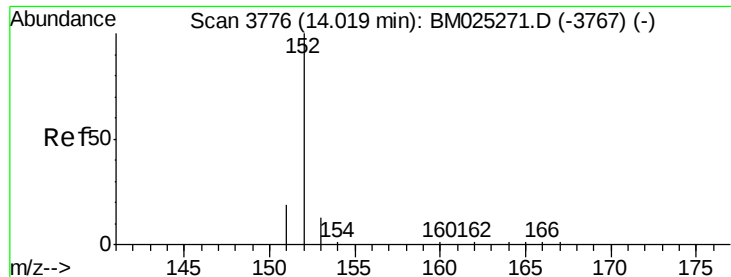
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#5
2-Methylnaphthalene
Concen: 0.044 ng/ul
RT: 12.11 min Scan# 3350
Delta R.T. -0.00 min
Lab File: BM025280.D
Acq: 05 Mar 2020 09:49

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.3	69.8	104.8





#7

Acenaphthylene

Concen: 0.516 ng/ul

RT: 14.02 min Scan# 3775

Delta R.T. -0.00 min

Lab File: BM025280.D

Acq: 05 Mar 2020 09:49

Instrument :

BNA_M

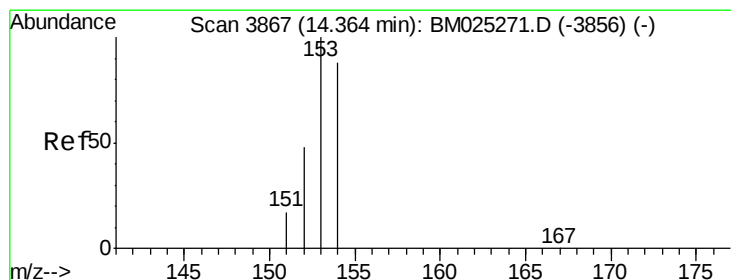
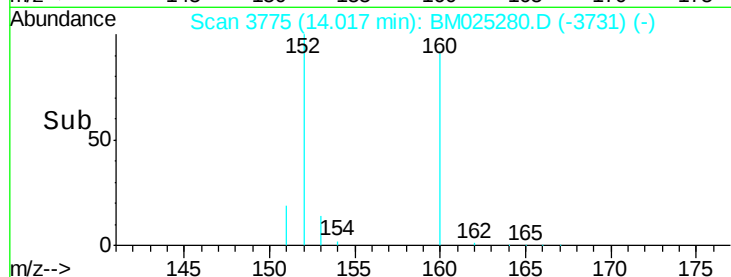
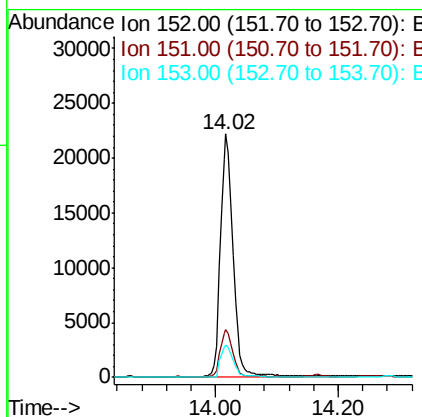
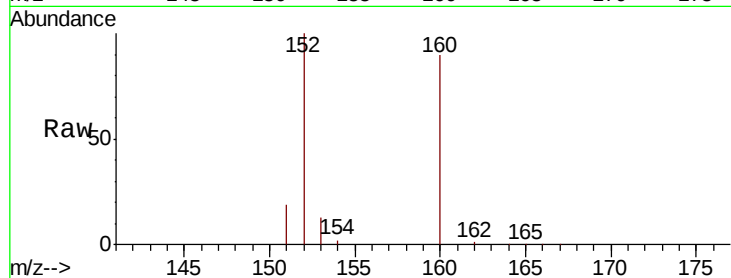
ClientSampleId :

DBD92

Tot Ion:	152	Resp:	32668
Ion Ratio	Lower	Upper	
152	100		
151	19.5	17.8	26.8
153	13.5	13.3	19.9

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#8

Acenaphthene

Concen: 0.091 ng/ul

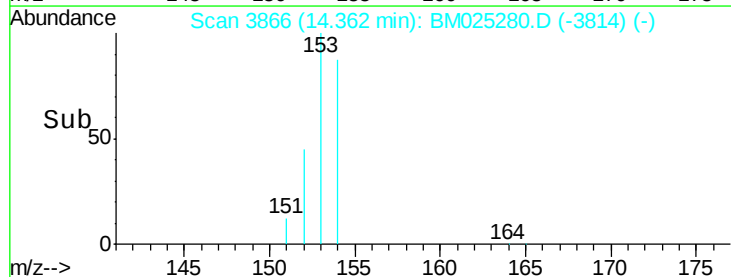
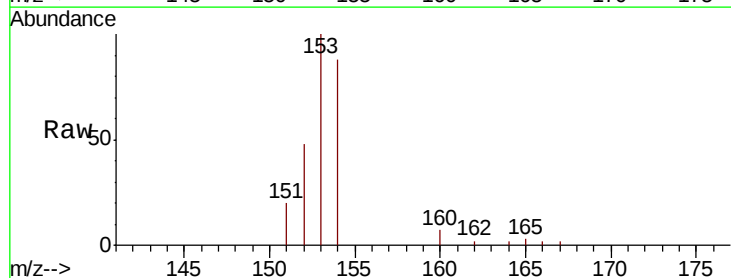
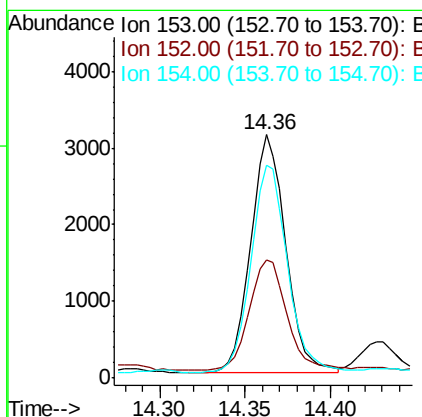
RT: 14.36 min Scan# 3866

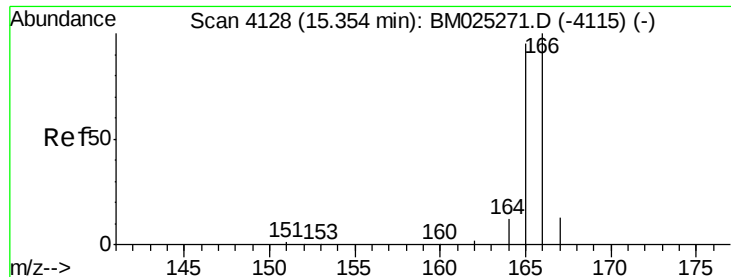
Delta R.T. -0.00 min

Lab File: BM025280.D

Acq: 05 Mar 2020 09:49

Tgt Ion:	153	Resp:	4471
Ion Ratio	Lower	Upper	
153	100		
152	48.4	40.0	60.0
154	87.6	71.0	106.6





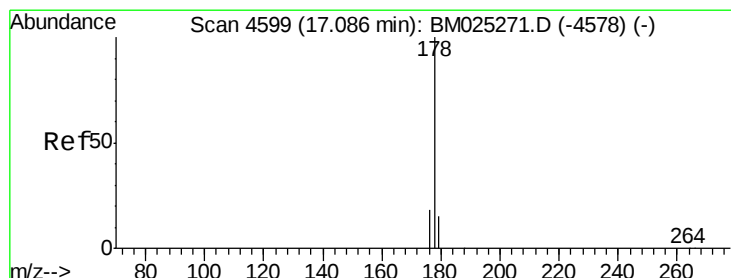
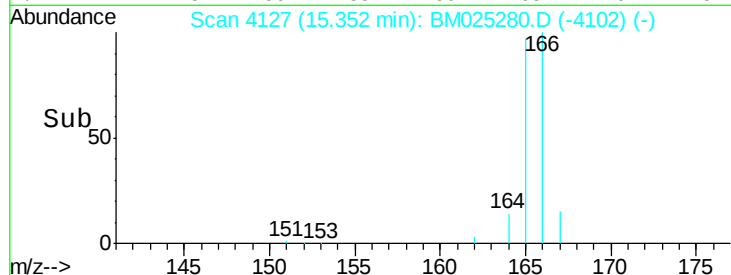
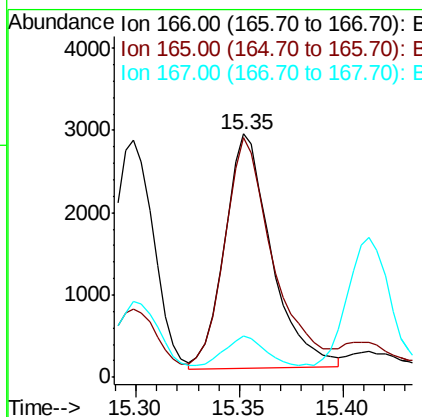
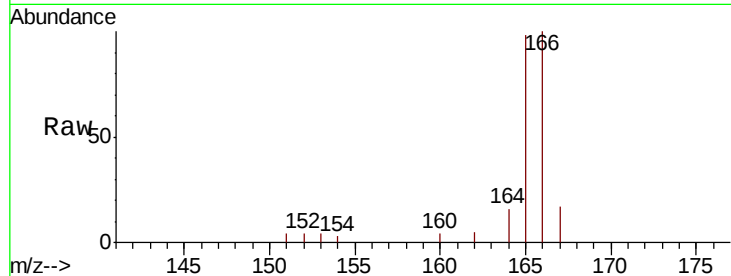
#9
Fluorene
 Concen: 0.073 ng/ul
 RT: 15.35 min Scan# 4127
 Delta R.T. -0.00 min
 Lab File: BM025280.D
 Acq: 05 Mar 2020 09:49

Instrument :
 BNA_M
 ClientSampleId :
 DBD92

Tot Ion	Ratio	Lower	Upper
166	100		
165	98.3	80.0	120.0
167	17.2	13.7	20.5

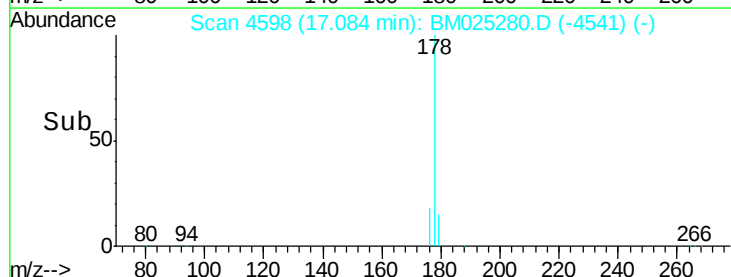
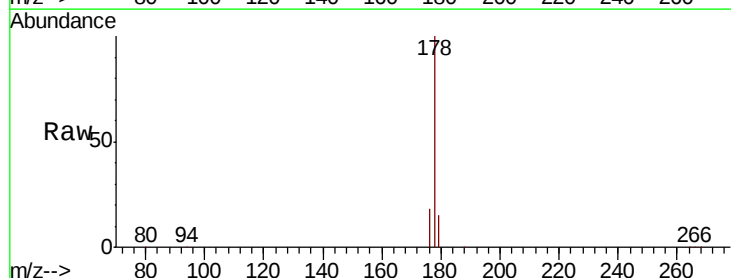
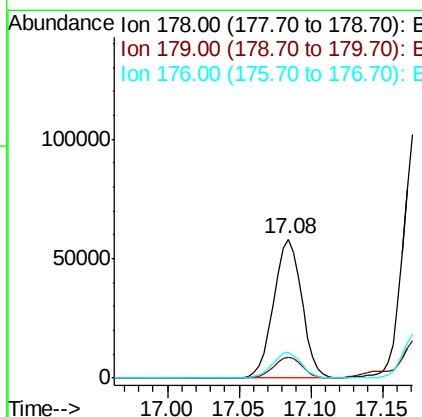
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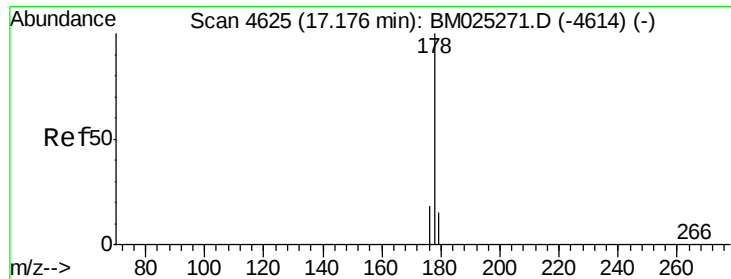
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#12
Phenanthrene
 Concen: 0.750 ng/ul
 RT: 17.08 min Scan# 4598
 Delta R.T. -0.00 min
 Lab File: BM025280.D
 Acq: 05 Mar 2020 09:49

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.4	14.0	21.0
176	18.3	16.6	24.8





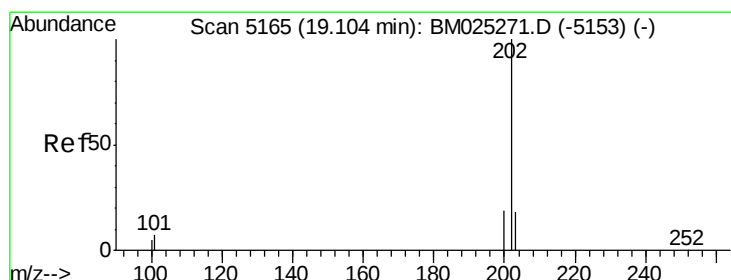
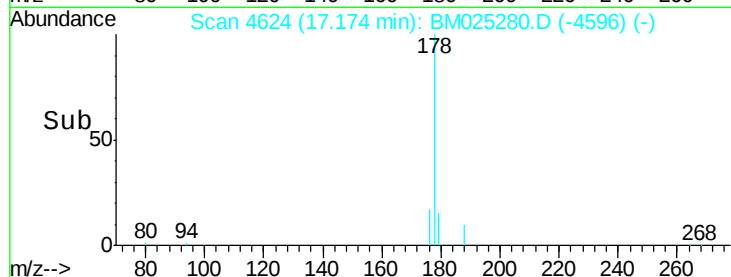
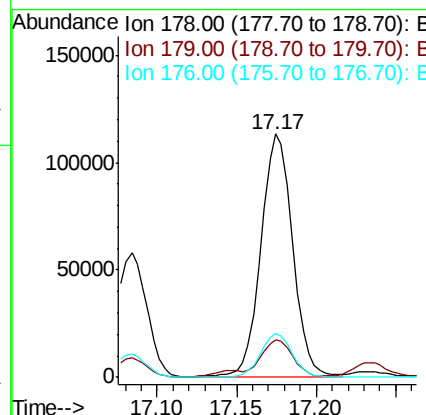
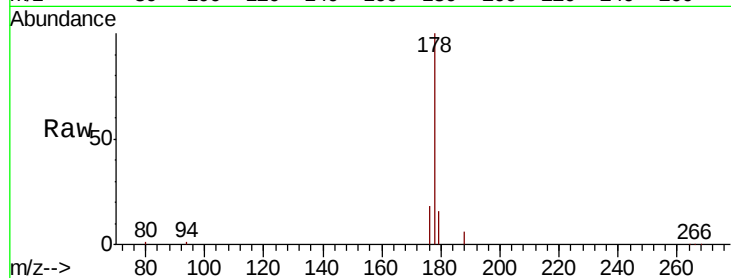
#13
 Anthracene
 Concen: 1.671 ng/ul
 RT: 17.17 min Scan# 4624
 Delta R.T. -0.00 min
 Lab File: BM025280.D
 Acq: 05 Mar 2020 09:49

Instrument :
 BNA_M
 ClientSampleId :
 DBD92

Tot Ion:178	Resp:	155379
Ion Ratio	Lower	Upper
178	100	
179	15.5	14.1 21.1
176	17.8	16.2 24.4

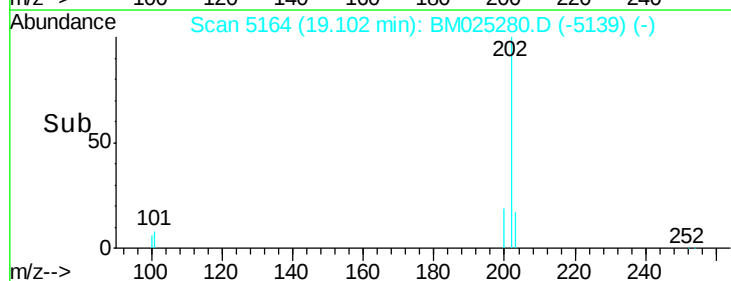
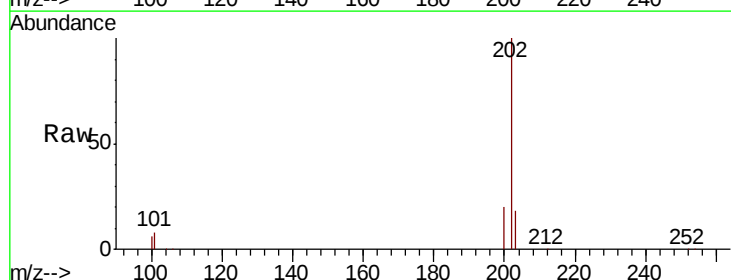
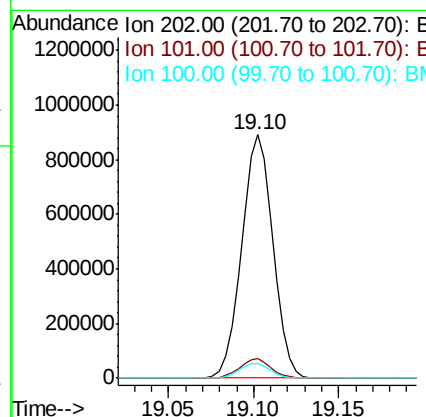
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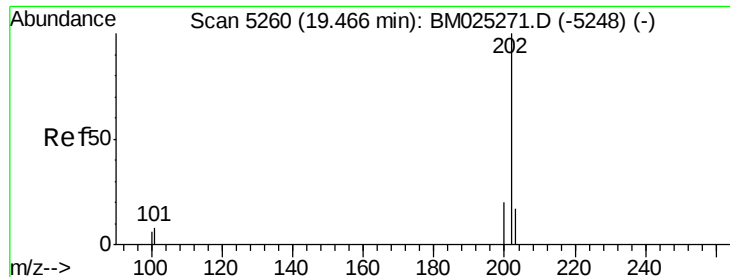
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#15
 Fluoranthene
 Concen: 8.723 ng/ul
 RT: 19.10 min Scan# 5164
 Delta R.T. -0.00 min
 Lab File: BM025280.D
 Acq: 05 Mar 2020 09:49

Tgt Ion:202	Resp:	1143555
Ion Ratio	Lower	Upper
202	100	
101	7.8	0.0 29.4
100	5.9	0.0 28.0





#17

Pvrene

Concen: 12.597 ng/ul

RT: 19.47 min Scan# 5260

Delta R.T. 0.00 min

Lab File: BM025280.D

Acq: 05 Mar 2020 09:49

Instrument :

BNA_M

ClientSampleId :

DBD92

Tot Ion:202 Resp: 1504764

Ion Ratio Lower Upper

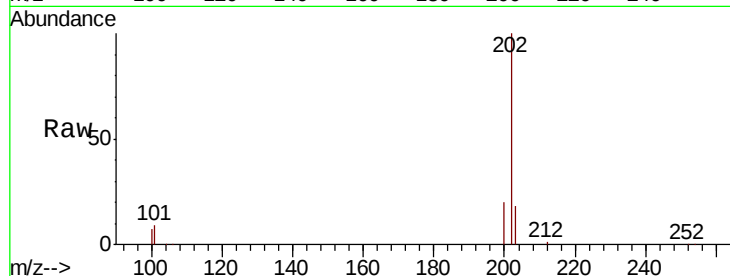
202 100

101 8.9 8.7 13.1

100 7.2 7.3 10.9#

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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

1500000

1000000

500000

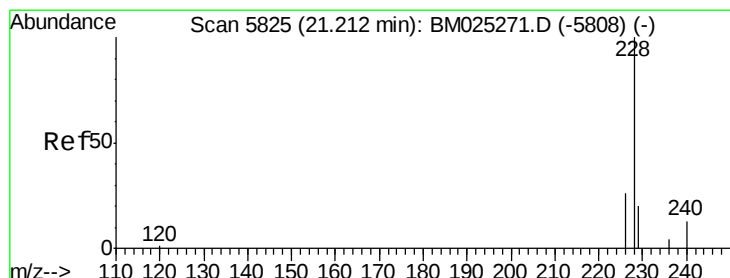
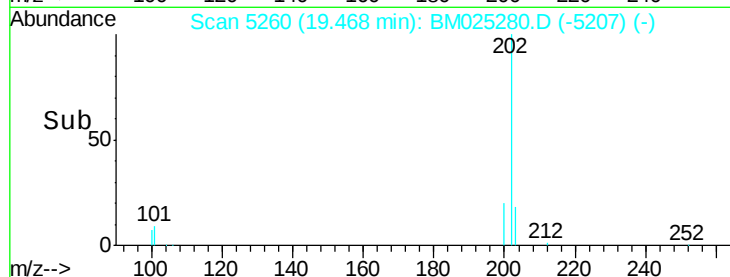
0

19.47

19.40

19.50

Time-->



#18

Benzo(a)anthracene

Concen: 6.069 ng/ul

RT: 21.21 min Scan# 5825

Delta R.T. 0.00 min

Lab File: BM025280.D

Acq: 05 Mar 2020 09:49

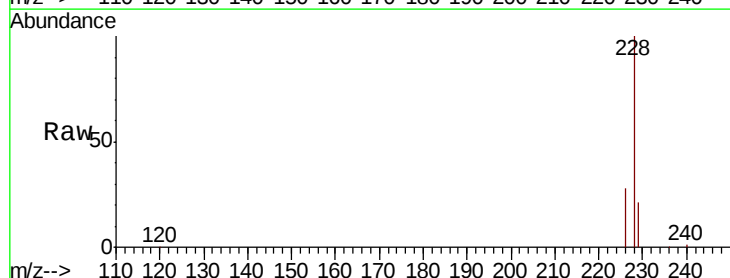
Tgt Ion:228 Resp: 702613

Ion Ratio Lower Upper

228 100

229 20.8 16.6 25.0

226 28.0 21.9 32.9



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

800000

600000

400000

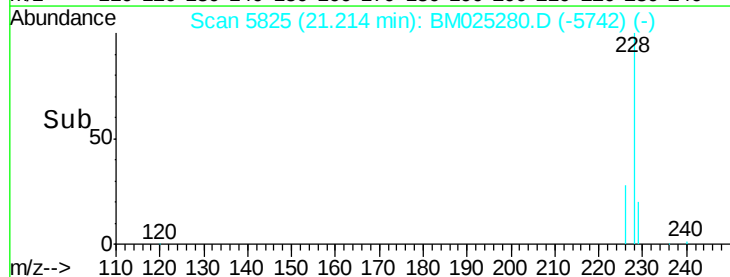
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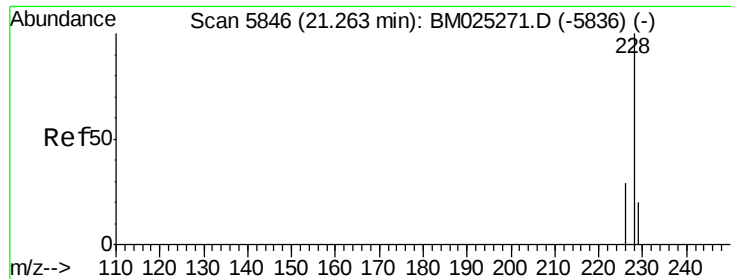
0

21.21

21.20

Time-->





#19

Chrysene

Concen: 9.232 ng/ul

RT: 21.27 min Scan# 5846

Delta R.T. -0.00 min

Lab File: BM025280.D

Acq: 05 Mar 2020 09:49

Instrument :

BNA_M

ClientSampleId :

DBD92

Tot Ion:228 Resp: 1174464

Ion Ratio Lower Upper

228 100

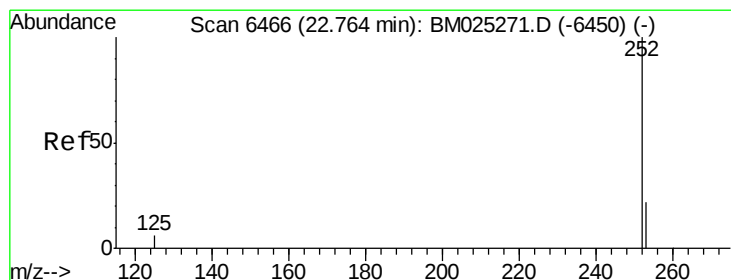
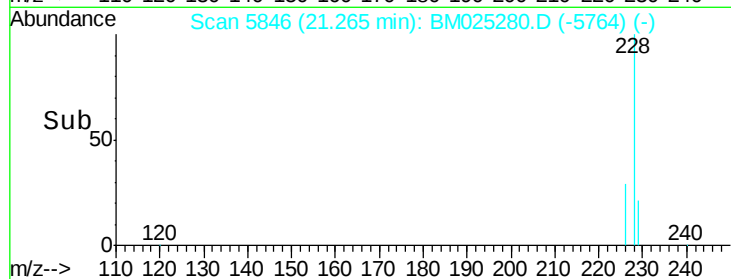
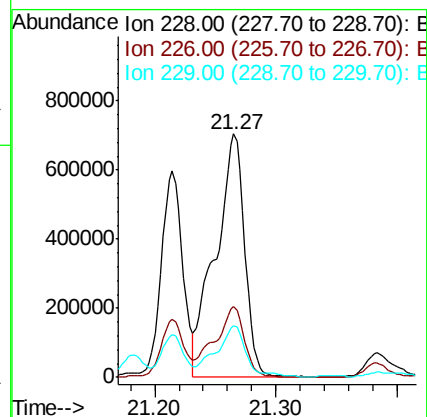
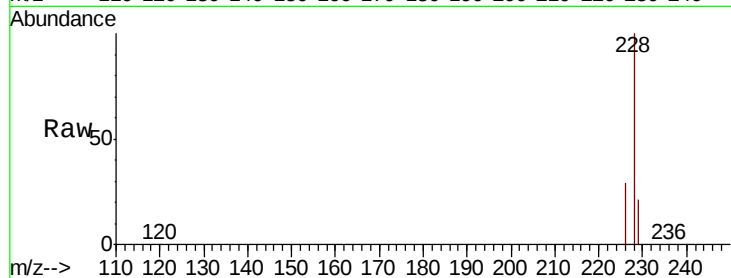
226 29.0 23.8 35.8

229 21.1 16.9 25.3

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#21

Benzo(b)fluoranthene

Concen: 17.537 ng/ul m

RT: 22.77 min Scan# 6468

Delta R.T. 0.00 min

Lab File: BM025280.D

Acq: 05 Mar 2020 09:49

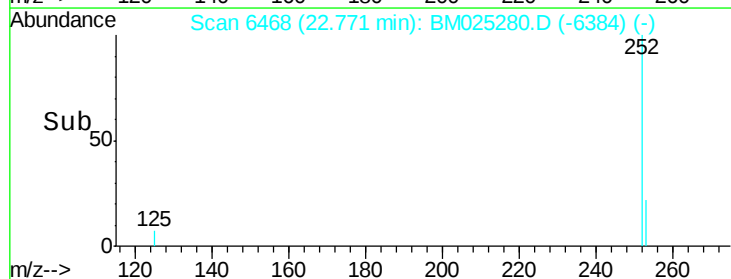
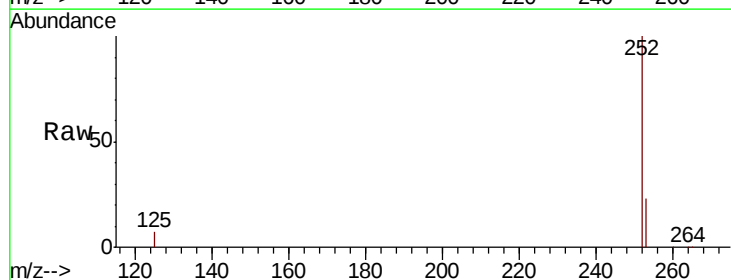
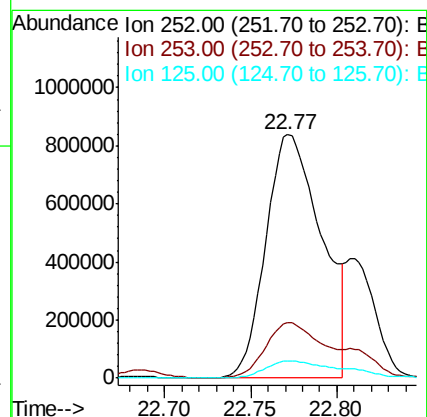
Tgt Ion:252 Resp: 1882553

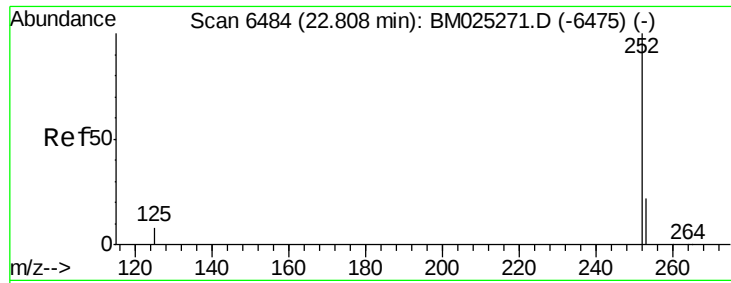
Ion Ratio Lower Upper

252 100

253 22.6 0.0 49.8

125 6.9 0.0 28.6





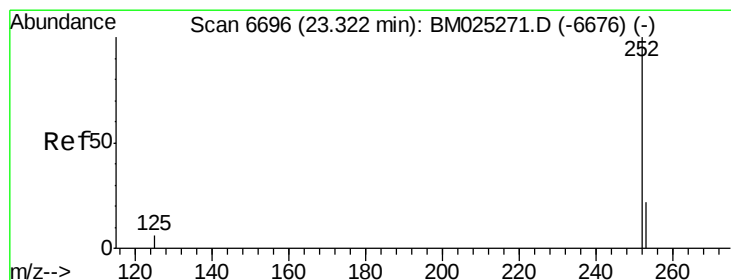
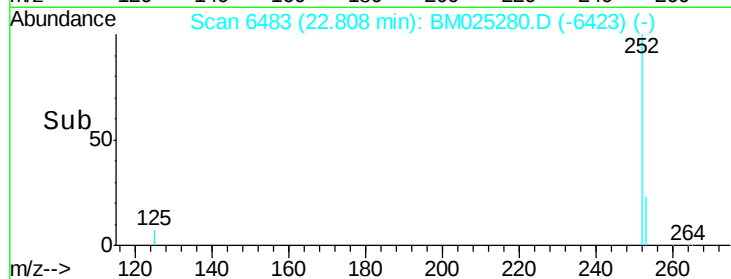
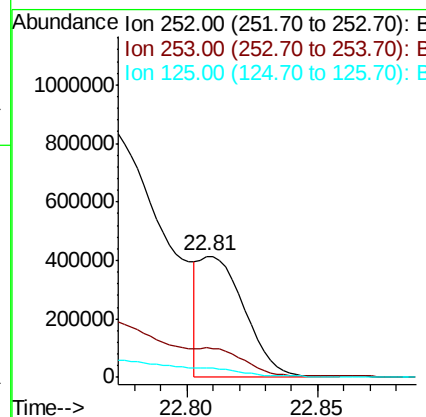
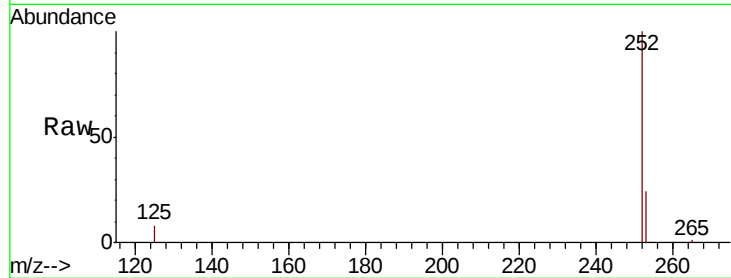
#22
Benzo(k)fluoranthene
Concen: 4.441 ng/ul m
RT: 22.81 min Scan# 6483
Delta R.T. -0.00 min
Lab File: BM025280.D
Acq: 05 Mar 2020 09:49

Instrument :
BNA_M
ClientSampleId :
DBD92

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.5	19.4	29.0
125	7.7	10.7	16.1

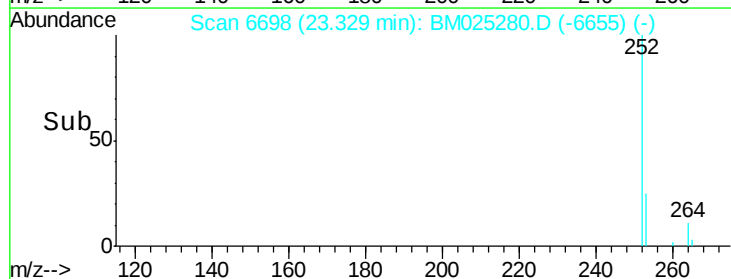
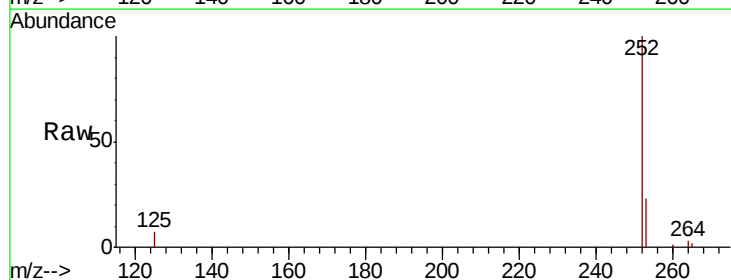
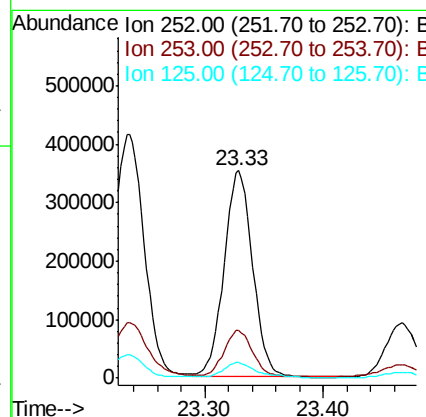
Manual Integrations
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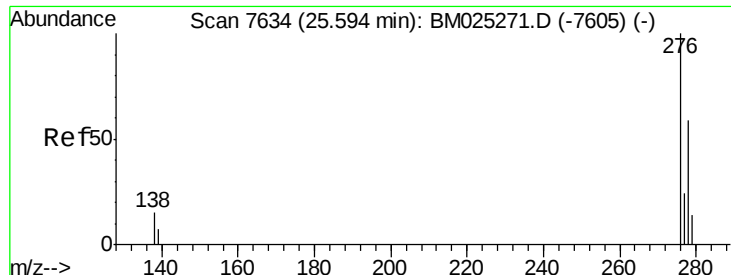
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#23
Benzo(a)pyrene
Concen: 6.540 ng/ul
RT: 23.33 min Scan# 6698
Delta R.T. 0.01 min
Lab File: BM025280.D
Acq: 05 Mar 2020 09:49

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	20.3	30.5
125	7.4	13.0	19.4





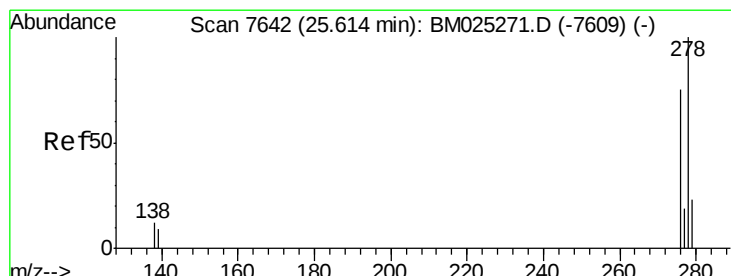
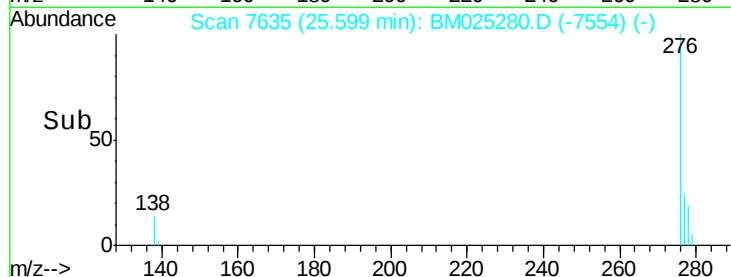
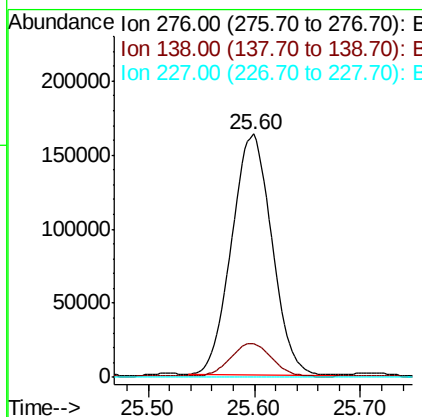
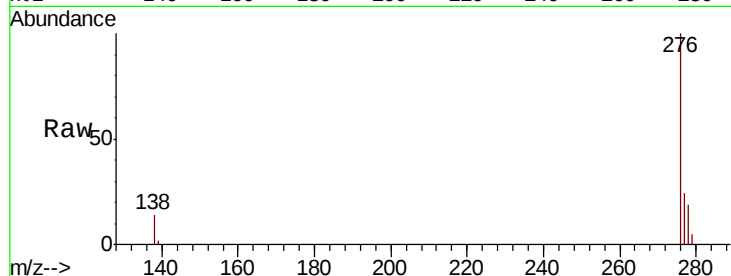
#24
Indeno(1,2,3-cd)pyrene
Concen: 3.742 ng/ul
RT: 25.60 min Scan# 7635
Delta R.T. -0.00 min
Lab File: BM025280.D
Acq: 05 Mar 2020 09:49

Instrument :
BNA_M
ClientSampleId :
DBD92

Tot Ion	Ratio	Resp	Lower	Upper
276	100	420379		
138	14.3		0.0	0.0#
227	0.0		0.0	0.0

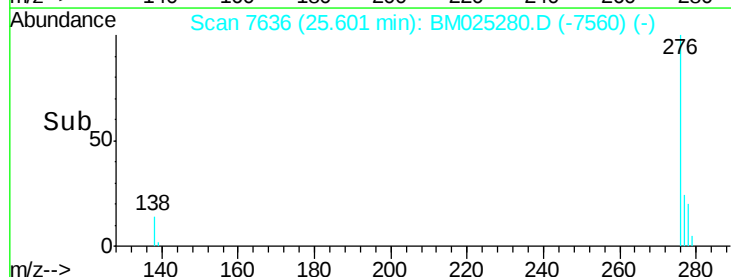
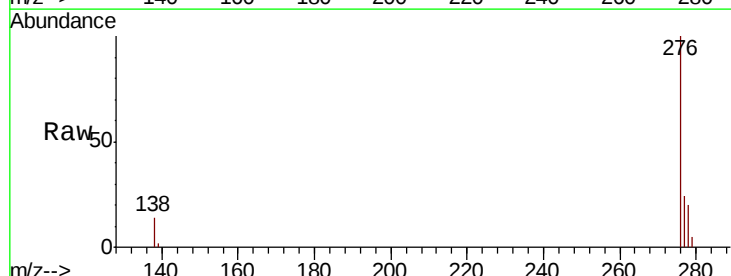
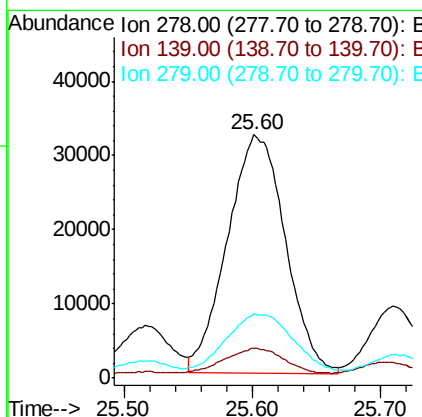
Manual Integrations
APPROVED

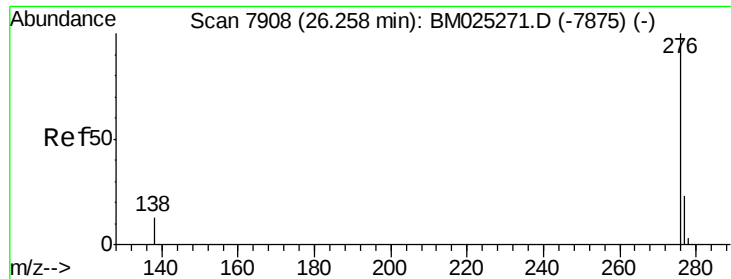
mohammad
3/5/2020 3:32:05 PM



#25
Dibenzo(a,h)anthracene
Concen: 1.082 ng/ul
RT: 25.60 min Scan# 7636
Delta R.T. -0.02 min
Lab File: BM025280.D
Acq: 05 Mar 2020 09:49

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	100703		
139	12.0		13.2	19.8#
279	26.2		21.0	31.4





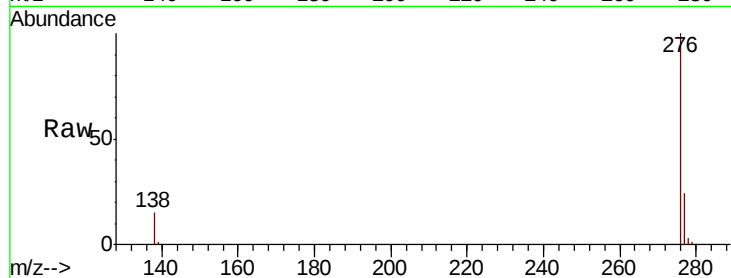
#26
 Benzo(a,h,i)perylene
 Concen: 2.878 ng/ul
 RT: 26.26 min Scan# 7908
 Delta R.T. -0.00 min
 Lab File: BM025280.D
 Acq: 05 Mar 2020 09:49

Instrument :
 BNA_M
 ClientSampleId :
 DBD92

Tot Ion	Ratio	Lower	Upper
276	100		
138	14.5	17.9	26.9#
277	24.1	20.5	30.7

Manual Integrations
 APPROVED

mohammad
 3/5/2020 3:32:05 PM



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

