

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030320\
 Data File : BM025283.D
 Acq On : 05 Mar 2020 11:37
 Operator : CG/JU
 Sample : L1543-15
 Misc :
 ALS Vial : 79 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBD97

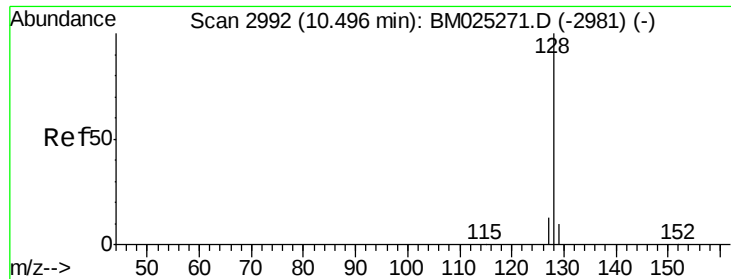
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Quant Time: Mar 05 14:22:09 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 04 08:02:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	3327	0.40	ng/ul	0.00
2) Naphthalene-d8	10.44	136	14365	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.30	164	10553	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.04	188	26079	0.40	ng/ul	0.00
16) Chrysene-d12	21.23	240	24932	0.40	ng/ul	0.00
20) Perylene-d12	23.42	264	21752	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.03	152	3161	0.12	ng/ul	0.00
14) Fluoranthene-d10	19.07	212	10529	0.12	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.49	128	6395	0.148	ng/ul#	84
8) Acenaphthene	14.36	153	1527	0.040	ng/ul	98
12) Phenanthrene	17.08	178	3457	0.041	ng/ul	99
13) Anthracene	17.17	178	3010	0.040	ng/ul	97
15) Fluoranthene	19.10	202	20764	0.197	ng/ul	97
17) Pyrene	19.46	202	30078	0.318	ng/ul	97
18) Benzo(a)anthracene	21.21	228	23940	0.261	ng/ul	100
19) Chrysene	21.26	228	31623	0.314	ng/ul	99
21) Benzo(b)fluoranthene	22.77	252	35599m	0.409	ng/ul	
22) Benzo(k)fluoranthene	22.81	252	11835m	0.130	ng/ul	
23) Benzo(a)pyrene	23.32	252	14090	0.193	ng/ul#	93
24) Indeno(1,2,3-cd)pyrene	25.60	276	7029	0.077	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.60	278	1767	0.023	ng/ul#	46
26) Benzo(g,h,i)perylene	26.26	276	5022	0.065	ng/ul	94

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



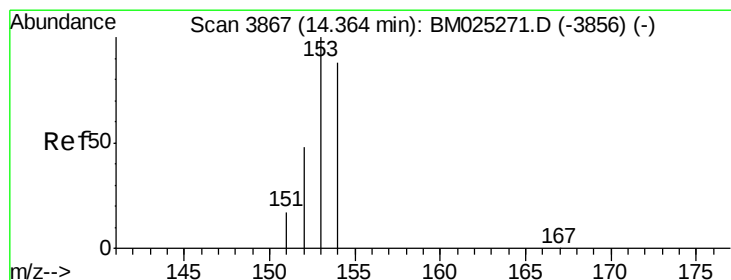
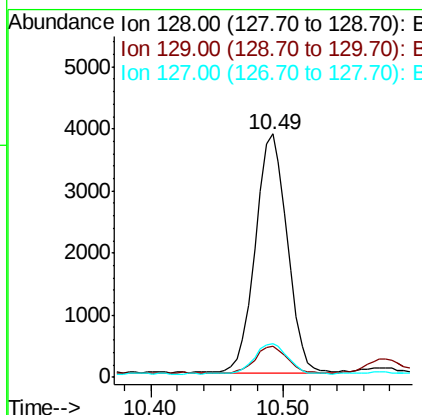
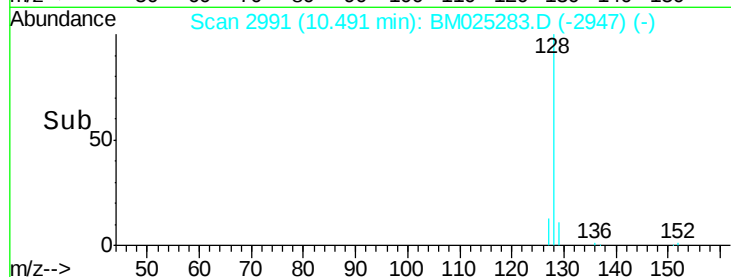
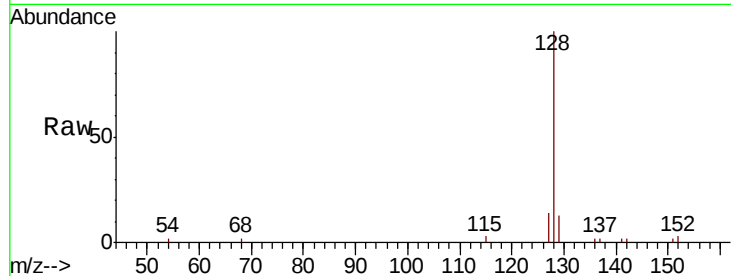
#3
Naphthalene
Concen: 0.148 ng/ul
RT: 10.49 min Scan# 2991
Delta R.T. -0.00 min
Lab File: BM025283.D
Acq: 05 Mar 2020 11:37

Instrument :
BNA_M
ClientSampleId :
DBD97

Tot Ion	Ratio	Lower	Upper
128	100		
129	12.6	17.0	25.6#
127	13.9	15.7	23.5#

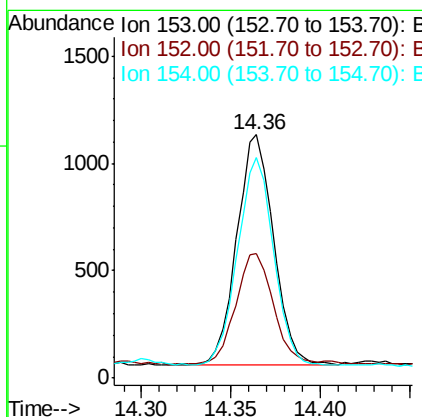
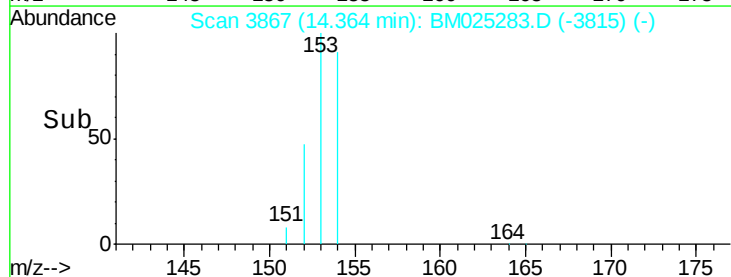
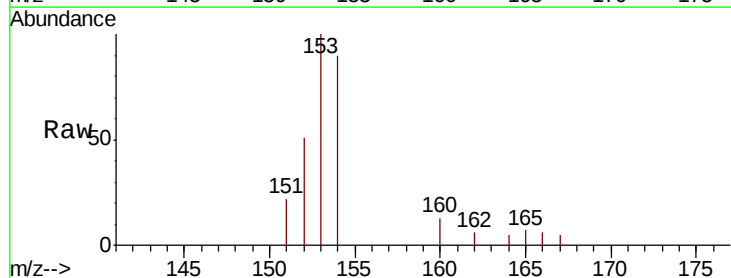
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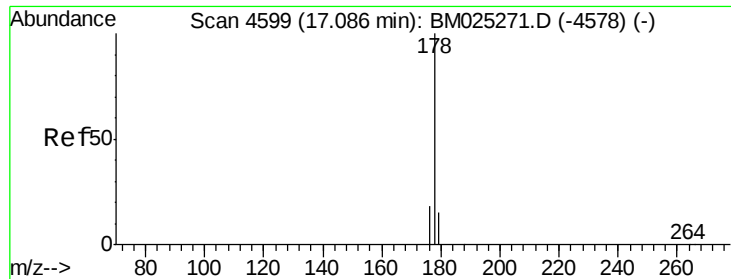
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#8
Acenaphthene
Concen: 0.040 ng/ul
RT: 14.36 min Scan# 3867
Delta R.T. -0.00 min
Lab File: BM025283.D
Acq: 05 Mar 2020 11:37

Tgt Ion	Ratio	Lower	Upper
153	100		
152	51.2	40.0	60.0
154	90.5	71.0	106.6





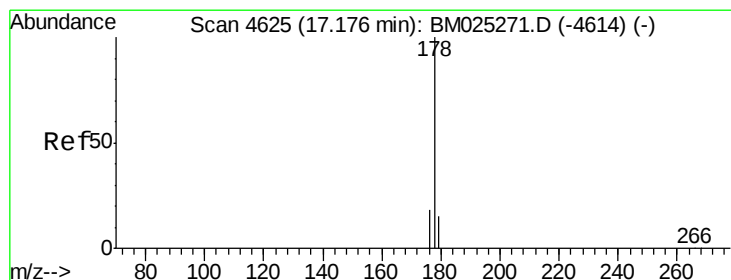
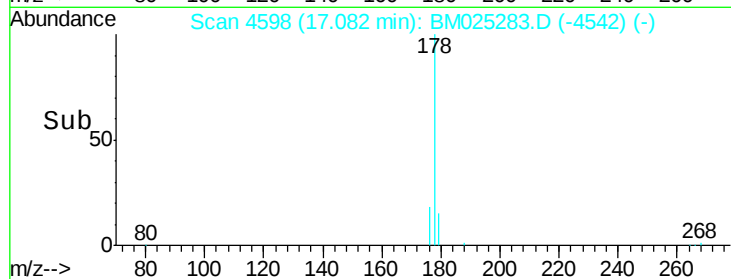
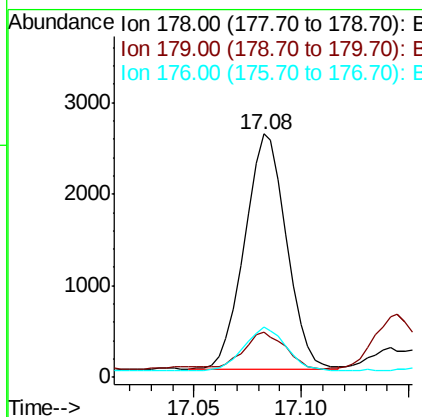
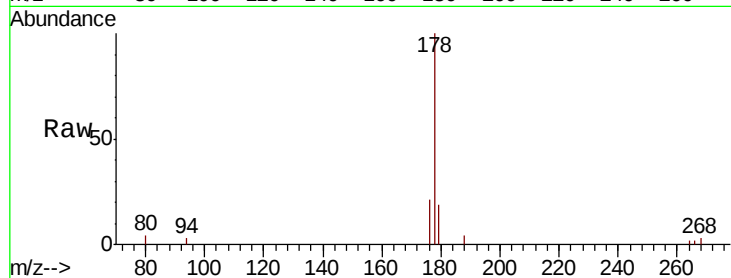
#12
Phenanthrene
Concen: 0.041 ng/ul
RT: 17.08 min Scan# 4598
Delta R.T. -0.01 min
Lab File: BM025283.D
Acq: 05 Mar 2020 11:37

Instrument :
BNA_M
ClientSampleId :
DBD97

Tot Ion	Ratio	Lower	Upper
178	100		
179	18.7	14.0	21.0
176	20.7	16.6	24.8

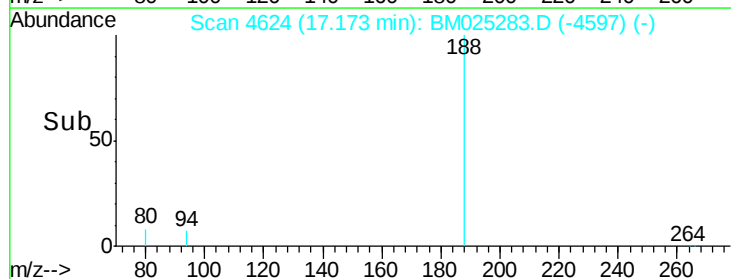
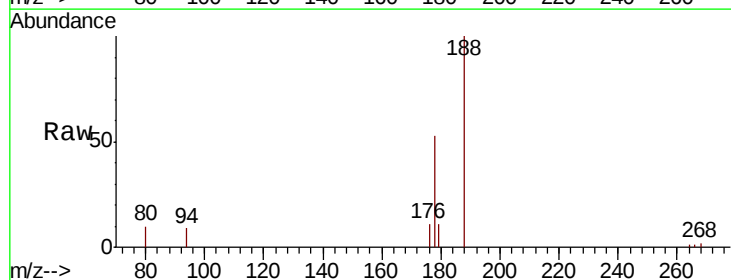
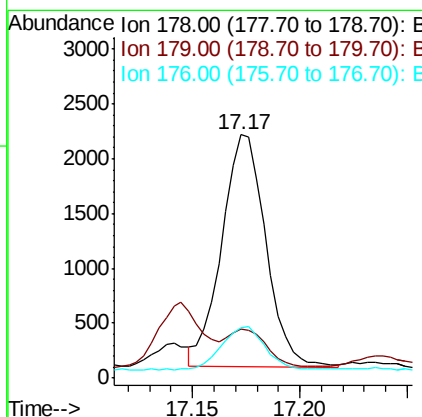
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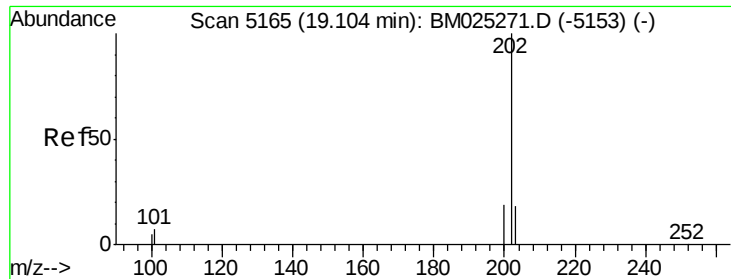
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#13
Anthracene
Concen: 0.040 ng/ul
RT: 17.17 min Scan# 4624
Delta R.T. -0.01 min
Lab File: BM025283.D
Acq: 05 Mar 2020 11:37

Tgt Ion	Ratio	Lower	Upper
178	100		
179	20.3	14.1	21.1
176	20.7	16.2	24.4





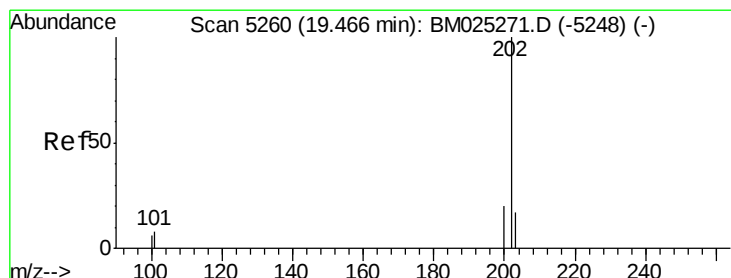
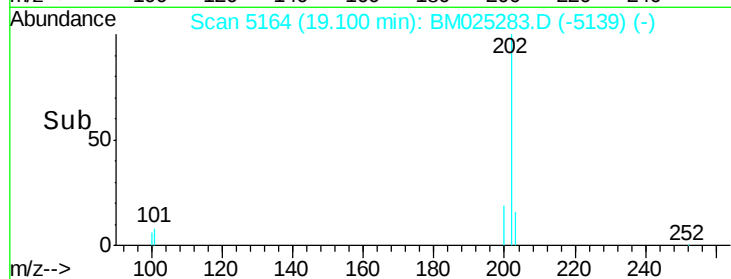
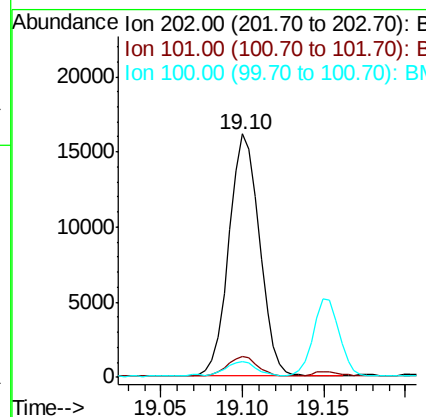
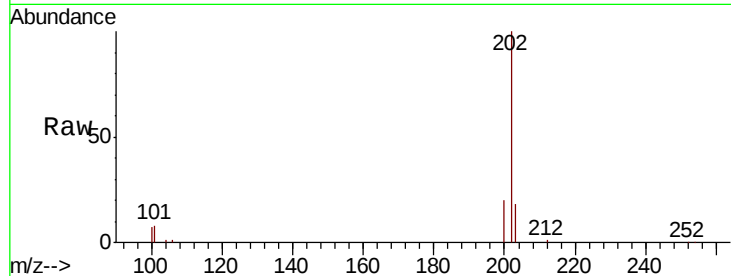
#15
Fluoranthene
 Concen: 0.197 ng/ul
 RT: 19.10 min Scan# 5164
 Delta R.T. -0.01 min
 Lab File: BM025283.D
 Acq: 05 Mar 2020 11:37

Instrument :
 BNA_M
 ClientSampleId :
 DBD97

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	8.4	0.0	29.4
100	6.5	0.0	28.0

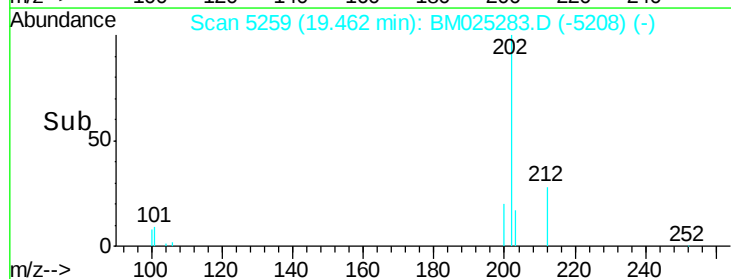
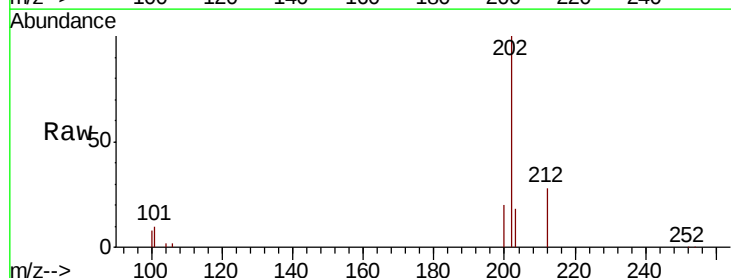
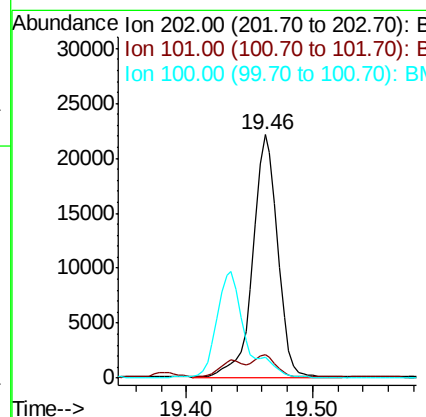
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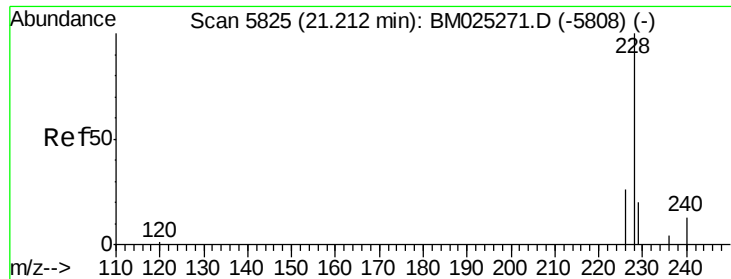
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#17
Pyrene
 Concen: 0.318 ng/ul
 RT: 19.46 min Scan# 5259
 Delta R.T. -0.01 min
 Lab File: BM025283.D
 Acq: 05 Mar 2020 11:37

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	9.6	8.7	13.1
100	8.3	7.3	10.9





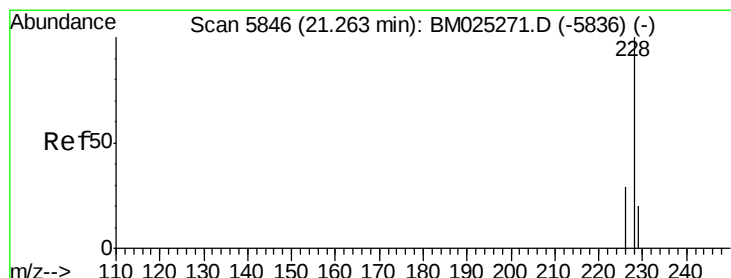
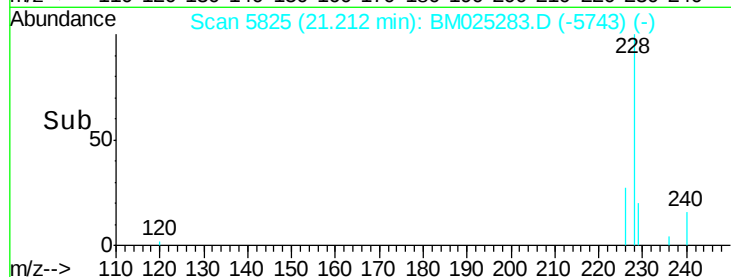
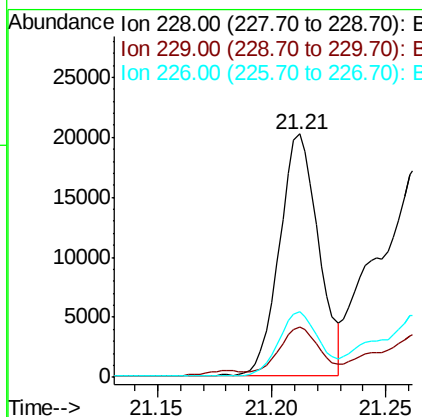
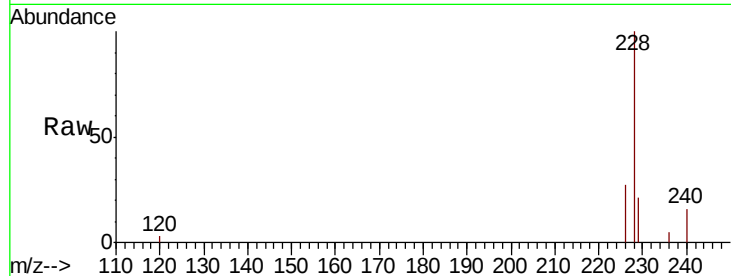
#18
Benzo(a)anthracene
Concen: 0.261 ng/ul
RT: 21.21 min Scan# 5825
Delta R.T. -0.00 min
Lab File: BM025283.D
Acq: 05 Mar 2020 11:37

Instrument :
BNA_M
ClientSampleId :
DBD97

Tot Ion	Ratio	Lower	Upper
228	100		
229	20.5	16.6	25.0
226	27.2	21.9	32.9

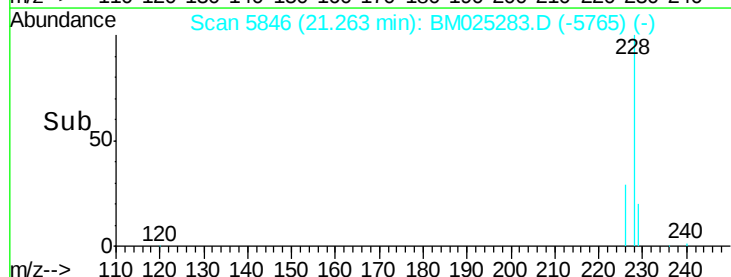
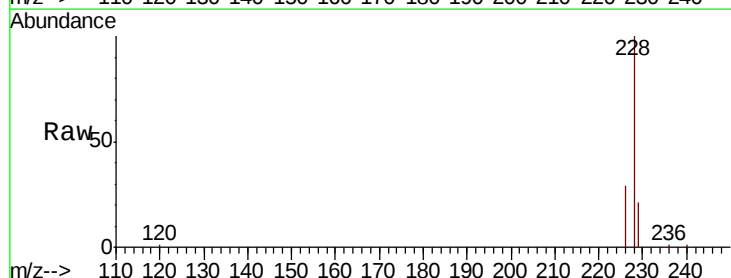
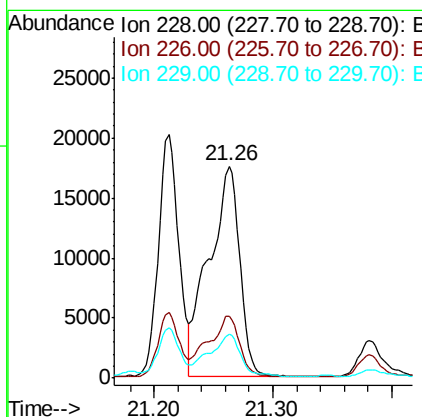
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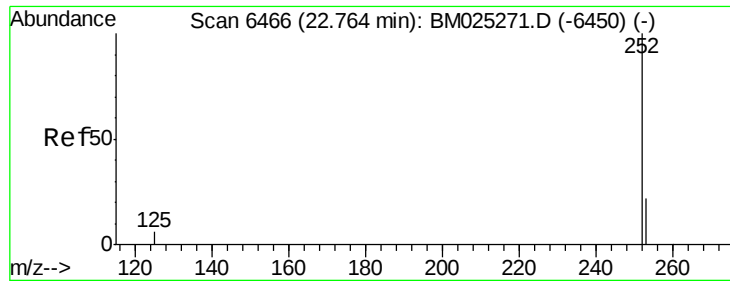
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#19
Chrysene
Concen: 0.314 ng/ul
RT: 21.26 min Scan# 5846
Delta R.T. -0.00 min
Lab File: BM025283.D
Acq: 05 Mar 2020 11:37

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.4	23.8	35.8
229	20.7	16.9	25.3





#21

Benzo(b)fluoranthene

Concen: 0.409 ng/ul m

RT: 22.77 min Scan# 6468

Delta R.T. 0.00 min

Lab File: BM025283.D

Acq: 05 Mar 2020 11:37

Instrument :

BNA_M

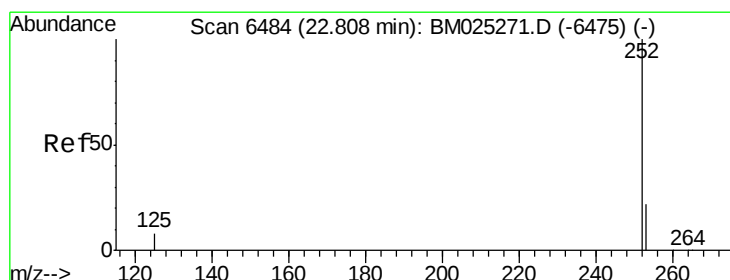
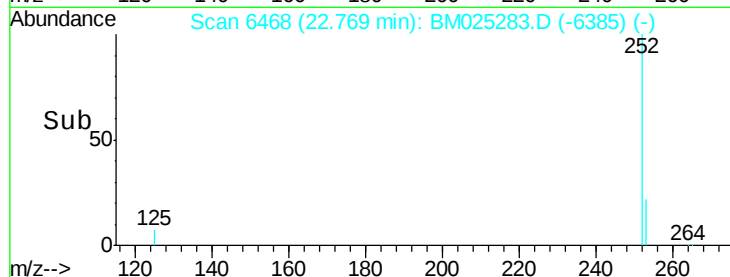
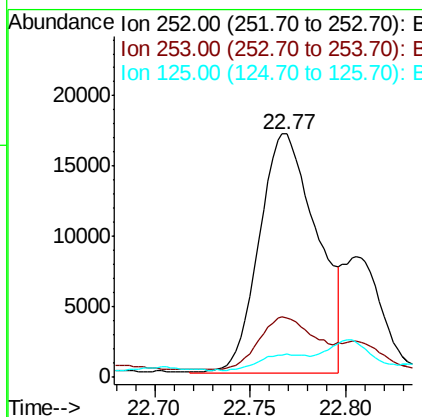
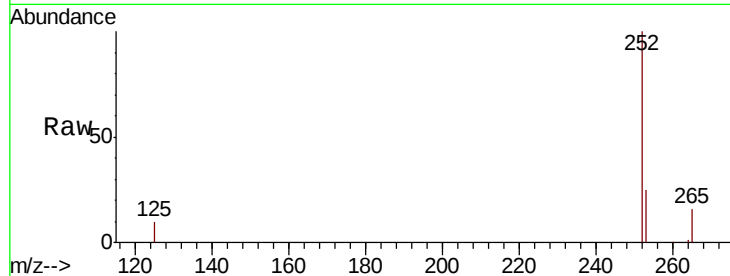
ClientSampleId :

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Tot Ion:	252	Resp:	35599
Ion Ratio	Lower	Upper	
252	100		
253	24.6	0.0	49.8
125	9.7	0.0	28.6

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#22

Benzo(k)fluoranthene

Concen: 0.130 ng/ul m

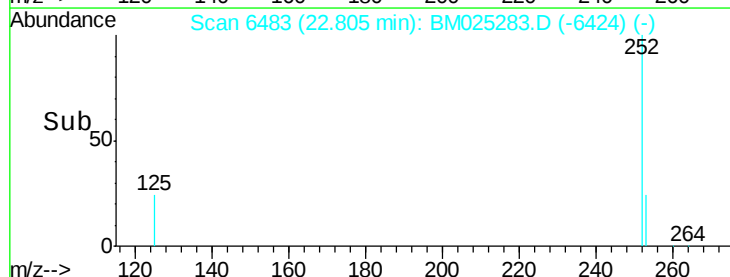
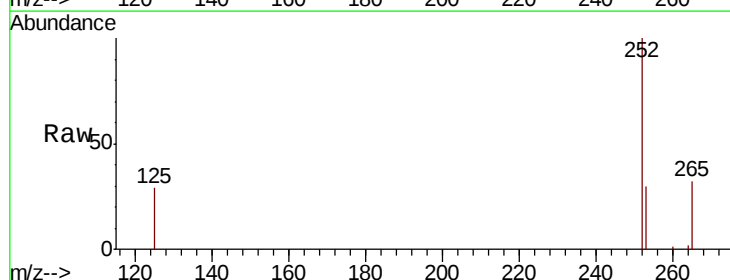
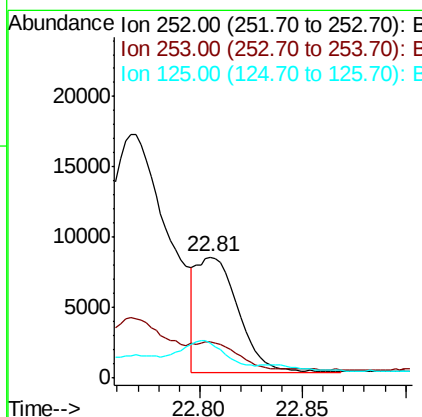
RT: 22.81 min Scan# 6483

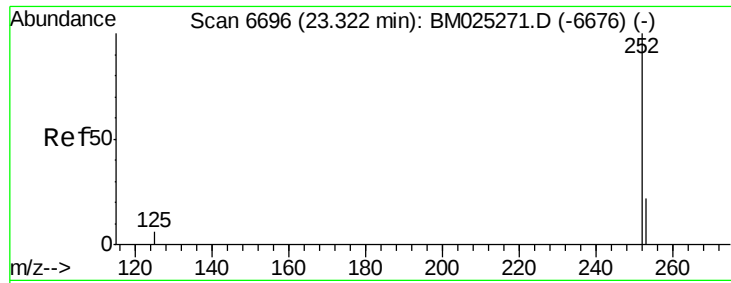
Delta R.T. -0.01 min

Lab File: BM025283.D

Acq: 05 Mar 2020 11:37

Tgt Ion:	252	Resp:	11835
Ion Ratio	Lower	Upper	
252	100		
253	29.8	19.4	29.0#
125	28.6	10.7	16.1#





#23

Benzo(a)pyrene

Concen: 0.193 ng/ul

RT: 23.32 min Scan# 6697

Delta R.T. 0.00 min

Lab File: BM025283.D

Acq: 05 Mar 2020 11:37

Instrument :

BNA_M

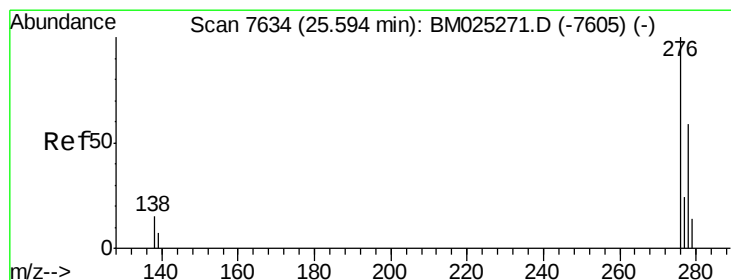
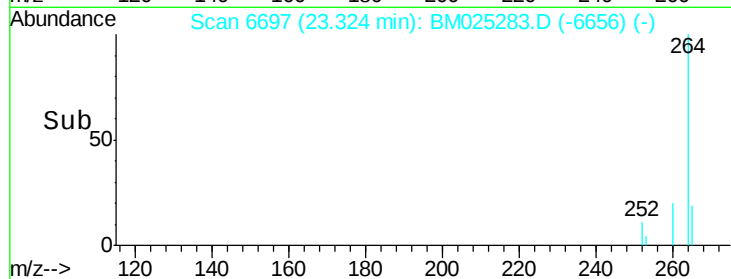
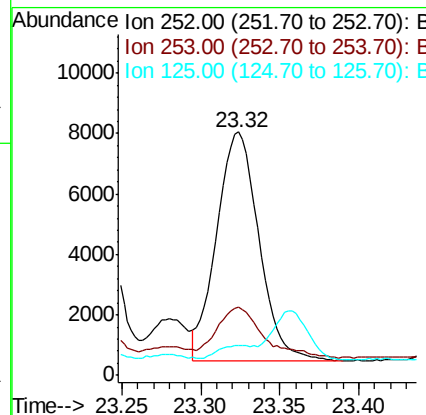
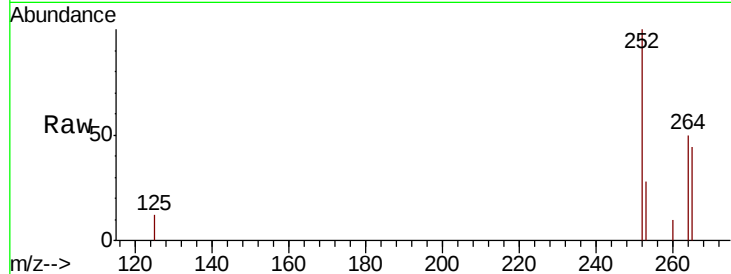
ClientSampleId :

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Tot Ion	Ratio	Lower	Upper
252	100		
253	28.0	20.3	30.5
125	12.2	13.0	19.4

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#24

Indeno(1,2,3-cd)pyrene

Concen: 0.077 ng/ul

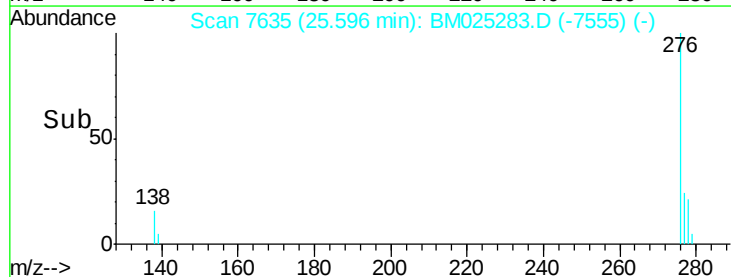
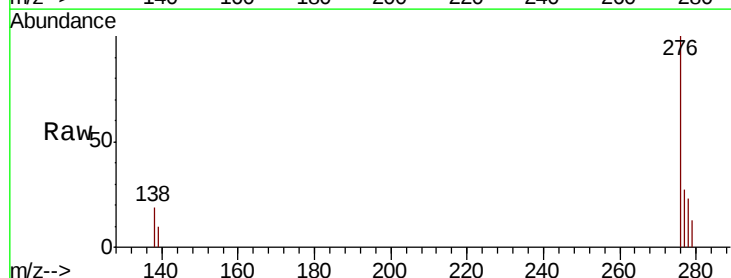
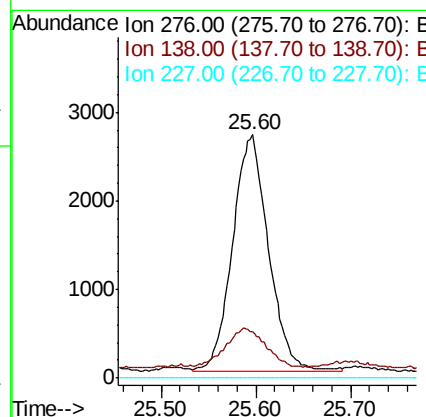
RT: 25.60 min Scan# 7635

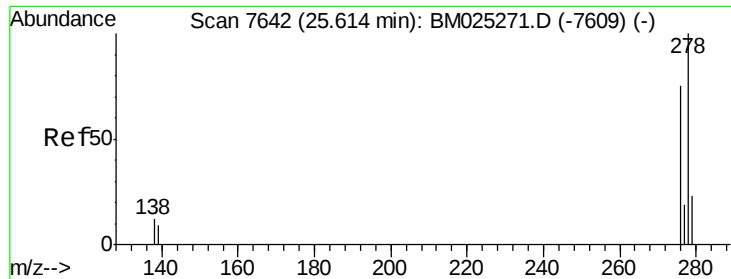
Delta R.T. -0.01 min

Lab File: BM025283.D

Acq: 05 Mar 2020 11:37

Tgt Ion	Ratio	Lower	Upper
276	100		
138	18.4	0.0	0.0
227	0.0	0.0	0.0





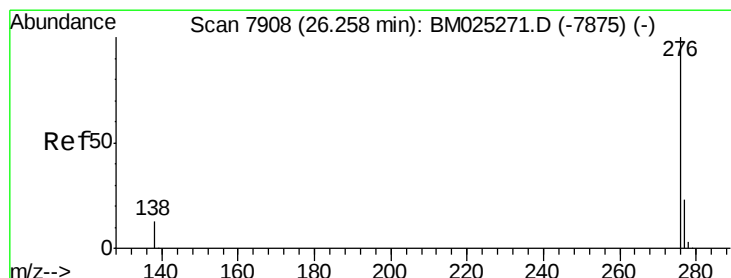
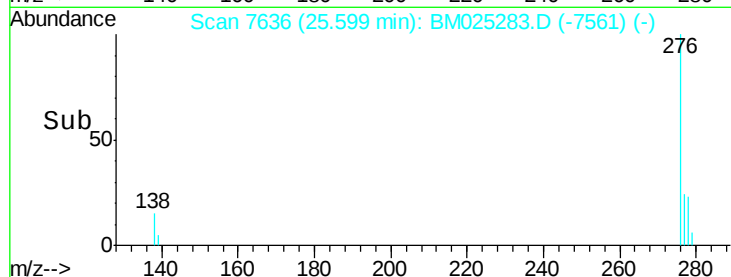
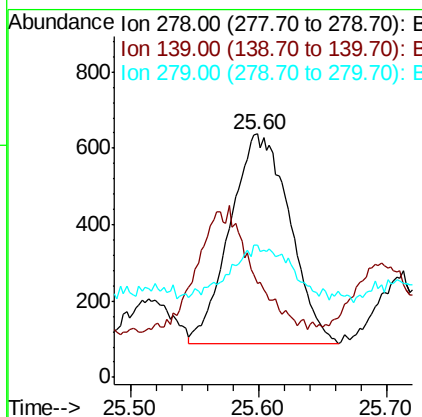
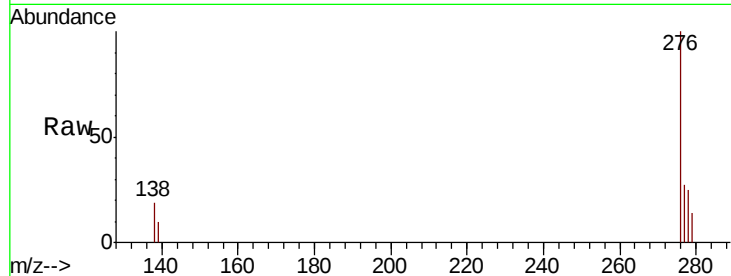
#25
Dibenzo(a,h)anthracene
Concen: 0.023 ng/ul
RT: 25.60 min Scan# 7636
Delta R.T. -0.02 min
Lab File: BM025283.D
Acq: 05 Mar 2020 11:37

Instrument :
BNA_M
ClientSampleId :
DBD97

Tot Ion	Ratio	Lower	Upper
278	100		
139	38.6	13.2	19.8#
279	54.4	21.0	31.4#

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#26
Benzo(g,h,i)perylene
Concen: 0.065 ng/ul
RT: 26.26 min Scan# 7908
Delta R.T. -0.00 min
Lab File: BM025283.D
Acq: 05 Mar 2020 11:37

Tgt Ion	Ratio	Lower	Upper
276	100		
138	18.2	17.9	26.9
277	27.8	20.5	30.7

