

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030920\
 Data File : BM025450.D
 Acq On : 10 Mar 2020 13:33
 Operator : CG/JU
 Sample : L1612-18DL 5X
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBDM0DL

Manual Integrations
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Quant Time: Mar 10 14:08:51 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 09 13:32:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	3323	0.40	ng/ul	0.00
2) Naphthalene-d8	10.43	136	13935	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.29	164	9859	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.03	188	21515	0.40	ng/ul	0.00
16) Chrysene-d12	21.22	240	14230	0.40	ng/ul	0.00
20) Perylene-d12	23.41	264	13383	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.03	152	710	0.03	ng/ul	0.00
14) Fluoranthene-d10	19.06	212	1502	0.03	ng/ul	0.00
Target Compounds				Ovalue		
12) Phenanthrene	17.07	178	2497m	0.037	ng/ul	
13) Anthracene	17.16	178	11495	0.194	ng/ul	99
15) Fluoranthene	19.09	202	2231	0.030	ng/ul	91
17) Pyrene	19.45	202	4371	0.068	ng/ul#	94
18) Benzo(a)anthracene	21.21	228	7890	0.155	ng/ul	97
19) Chrysene	21.26	228	6192	0.108	ng/ul	99
21) Benzo(b)fluoranthene	22.76	252	22609m	0.427	ng/ul	
22) Benzo(k)fluoranthene	22.80	252	9683m	0.174	ng/ul	
23) Benzo(a)pyrene	23.31	252	6760	0.154	ng/ul#	91
24) Indeno(1,2,3-cd)pyrene	25.58	276	5726	0.096	ng/ul#	98
25) Dibenzo(a,h)anthracene	25.59	278	1921	0.038	ng/ul#	65
26) Benzo(g,h,i)perylene	26.24	276	3120	0.060	ng/ul#	87

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

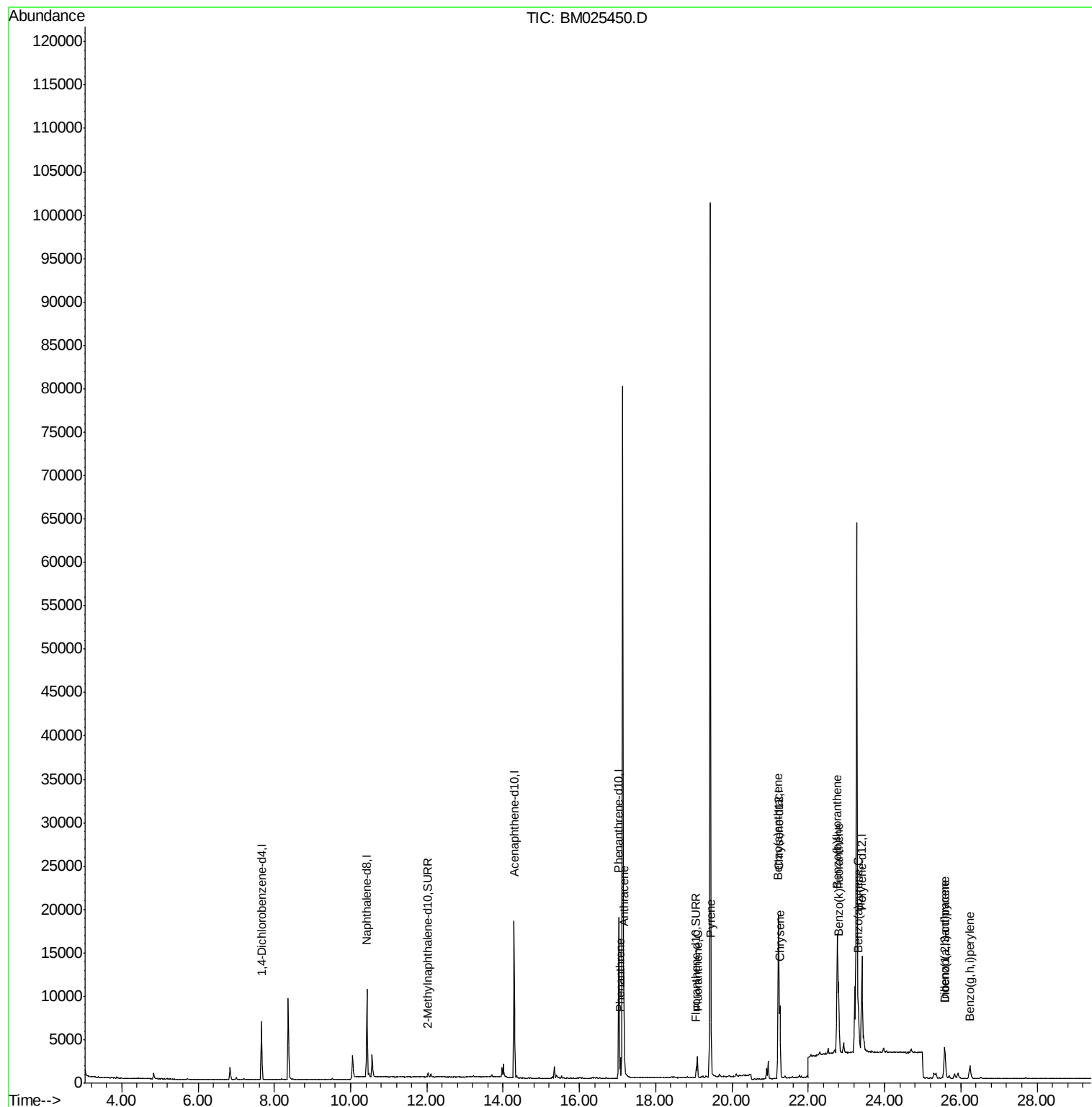
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030920\
Data File : BM025450.D
Acq On : 10 Mar 2020 13:33
Operator : CG/JU
Sample : L1612-18DL 5X
Misc :
ALS Vial : 44 Sample Multiplier: 1

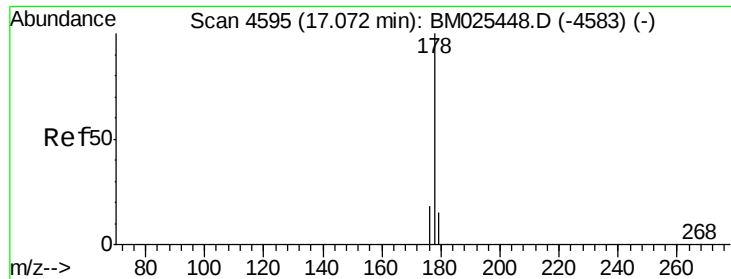
Instrument :
BNA_M
ClientSampleId :
DBDM0DL

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 09 13:32:56 2020
Response via : Initial Calibration





#12

Phenanthrene

Concen: 0.037 ng/ul m

RT: 17.07 min Scan# 4595

Delta R.T. -0.00 min

Lab File: BM025450.D

Acq: 10 Mar 2020 13:33

Instrument :

BNA_M

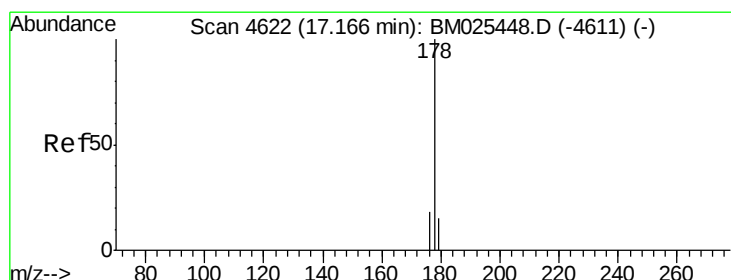
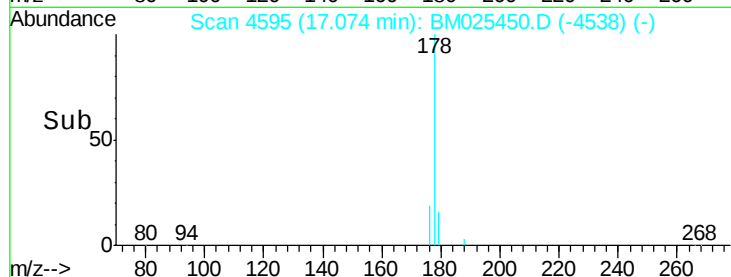
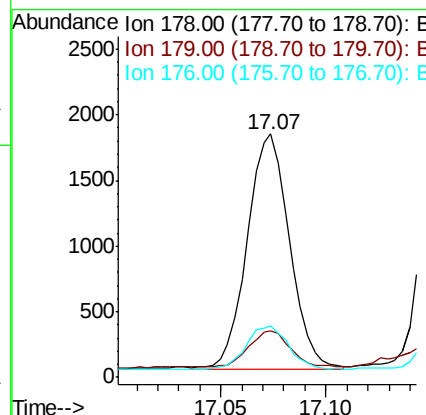
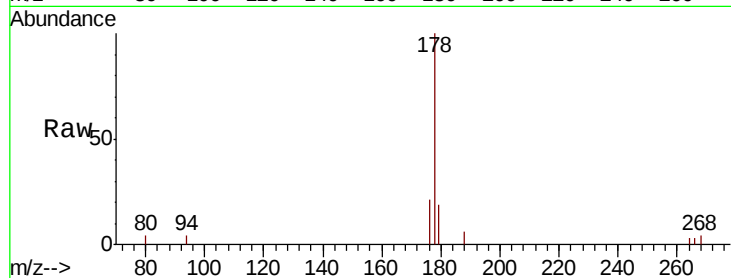
ClientSampleId :

DBDM0DL

Tot Ion:178	Resp:	2497
Ion Ratio	Lower	Upper
178	100	
179	19.1	12.4 18.6#
176	21.2	14.8 22.2

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#13

Anthracene

Concen: 0.194 ng/ul

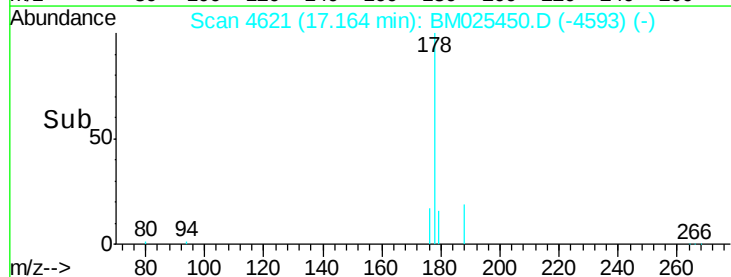
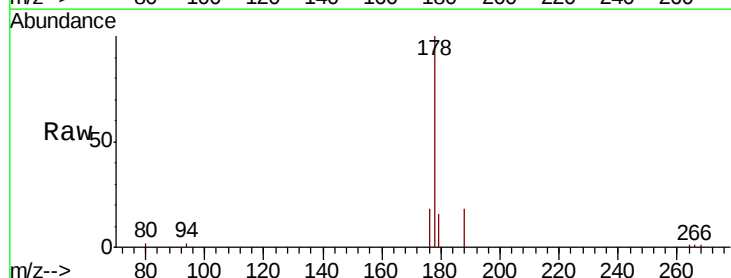
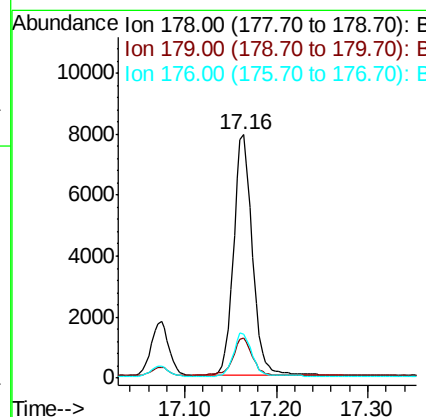
RT: 17.16 min Scan# 4621

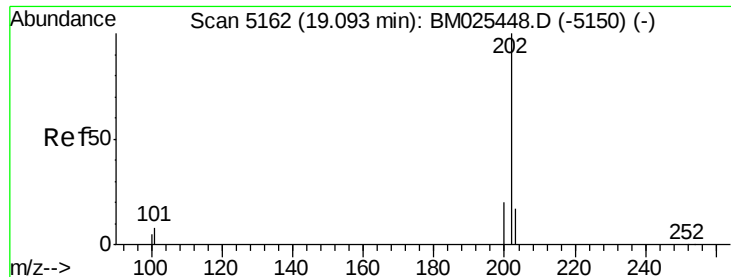
Delta R.T. -0.00 min

Lab File: BM025450.D

Acq: 10 Mar 2020 13:33

Tgt Ion:178	Resp:	11495
Ion Ratio	Lower	Upper
178	100	
179	16.4	12.6 18.8
176	17.9	14.5 21.7





#15

Fluoranthene

Concen: 0.030 ng/ul

RT: 19.09 min Scan# 5162

Delta R.T. 0.00 min

Lab File: BM025450.D

Acq: 10 Mar 2020 13:33

Instrument :

BNA_M

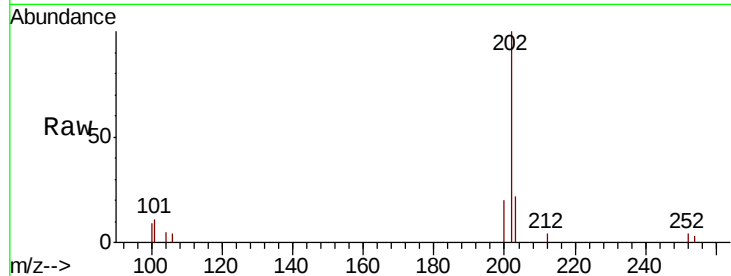
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DBDM0DL

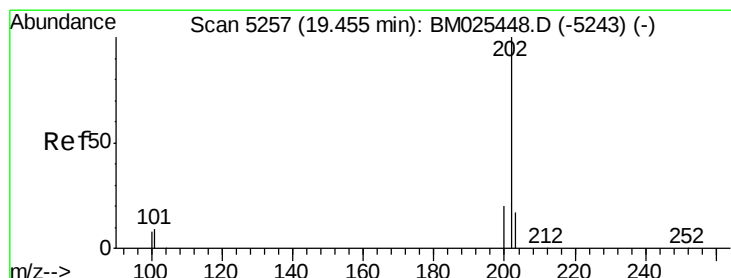
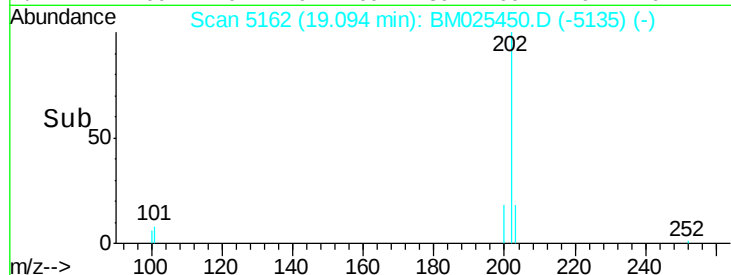
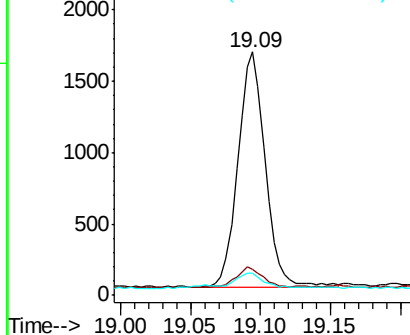
Tot Ion:	202	Resp:	2231
Ion Ratio	Lower	Upper	
202	100		
101	10.9	0.0	27.5
100	9.1	0.0	26.0

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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): B



#17

Pyrene

Concen: 0.068 ng/ul

RT: 19.45 min Scan# 5256

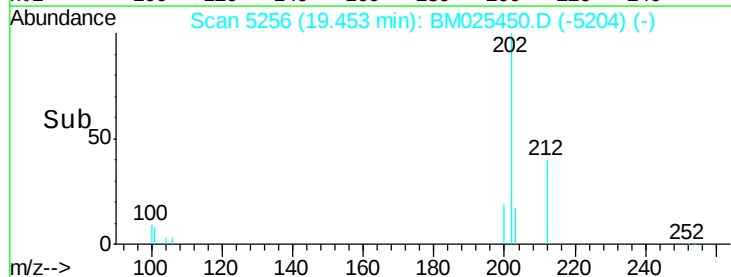
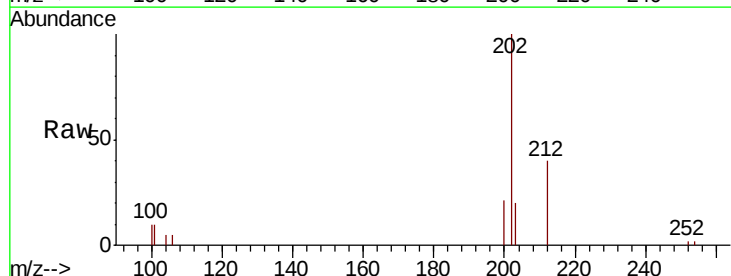
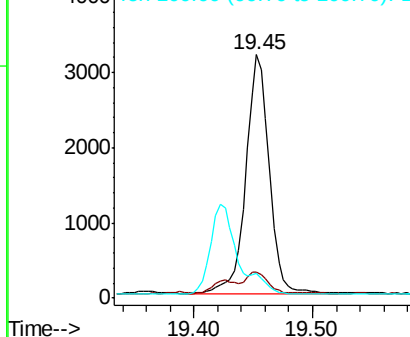
Delta R.T. -0.00 min

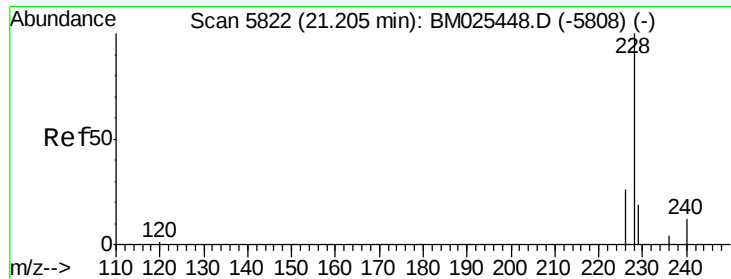
Lab File: BM025450.D

Acq: 10 Mar 2020 13:33

Tgt Ion:	202	Resp:	4371
Ion Ratio	Lower	Upper	
202	100		
101	10.4	7.1	10.7
100	10.3	6.0	9.0#

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): B





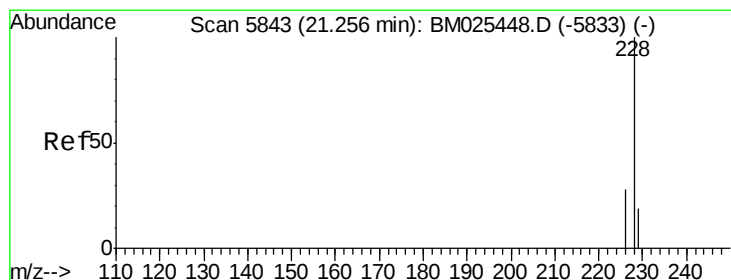
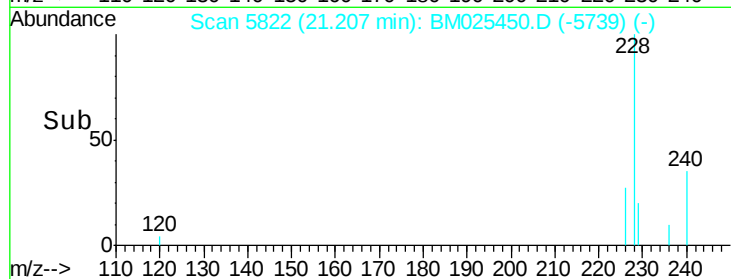
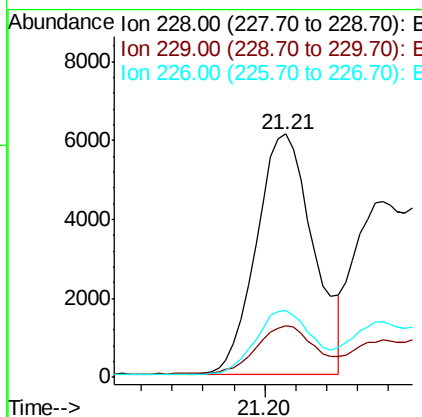
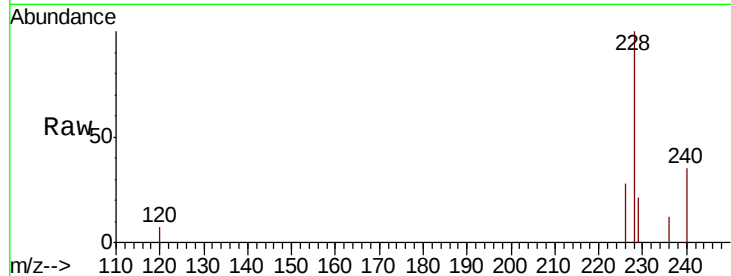
#18
Benzo(a)anthracene
Concen: 0.155 ng/ul
RT: 21.21 min Scan# 5822
Delta R.T. 0.00 min
Lab File: BM025450.D
Acq: 10 Mar 2020 13:33

Instrument :
BNA_M
ClientSampleId :
DBDM0DL

Tot Ion	Ratio	Lower	Upper
228	100		
229	21.0	15.6	23.4
226	27.6	21.1	31.7

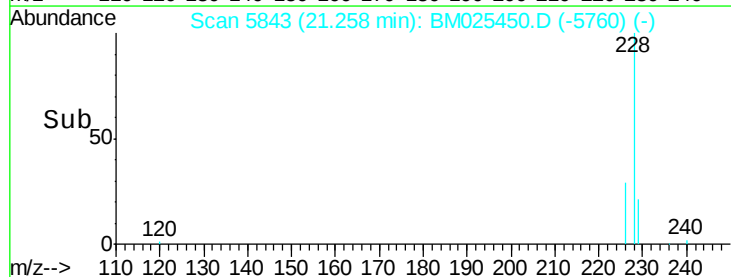
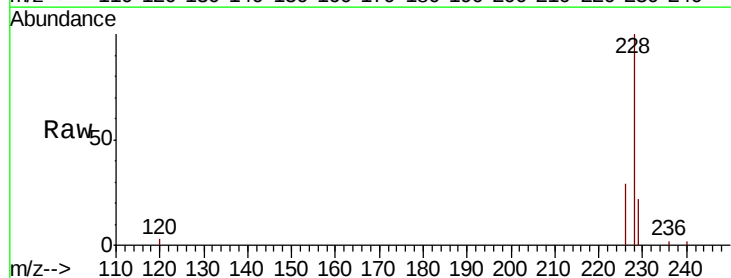
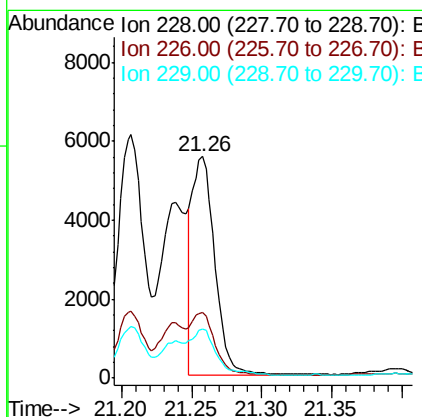
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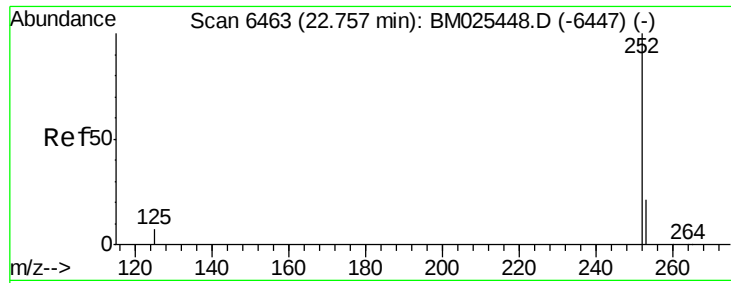
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#19
Chrysene
Concen: 0.108 ng/ul
RT: 21.26 min Scan# 5843
Delta R.T. 0.00 min
Lab File: BM025450.D
Acq: 10 Mar 2020 13:33

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.5	23.6	35.4
229	21.9	16.3	24.5





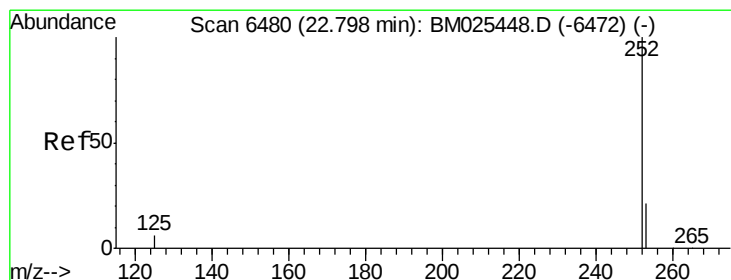
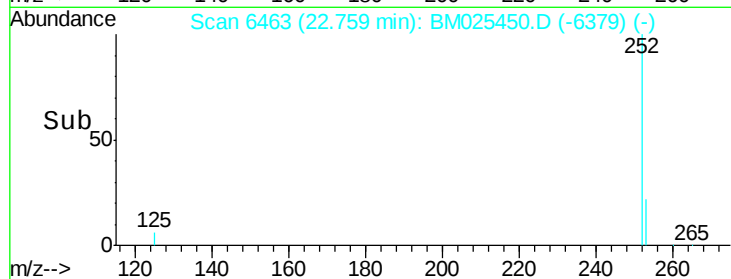
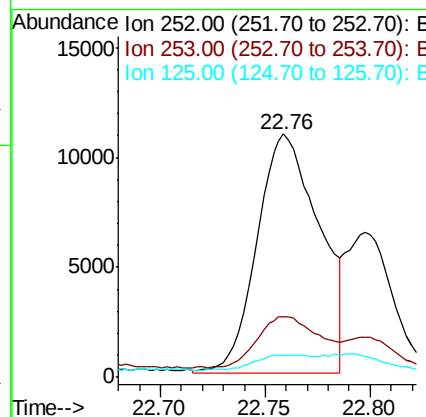
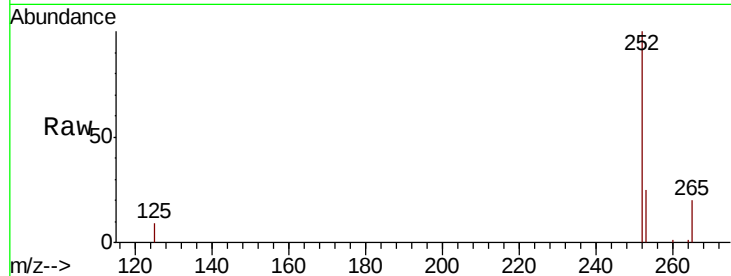
#21
Benzo(b)fluoranthene
Concen: 0.427 ng/ul m
RT: 22.76 min Scan# 6463
Delta R.T. 0.00 min
Lab File: BM025450.D
Acq: 10 Mar 2020 13:33

Instrument :
BNA_M
ClientSampleId :
DBDM0DL

Tot Ion	Ratio	Resp	Lower	Upper
252	100	22609		
253	25.1	0.0	50.2	
125	9.4	0.0	17.6	

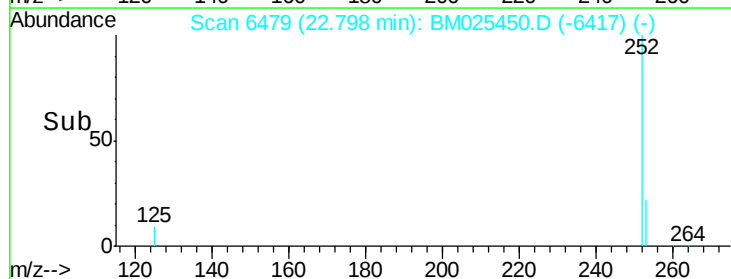
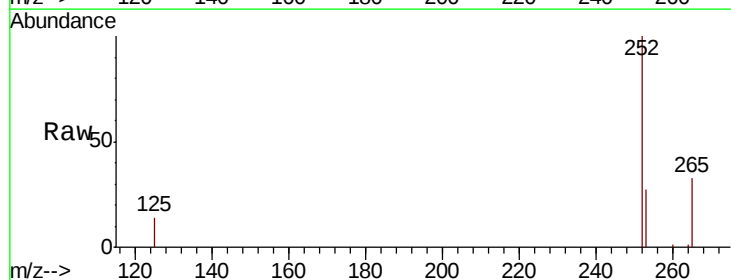
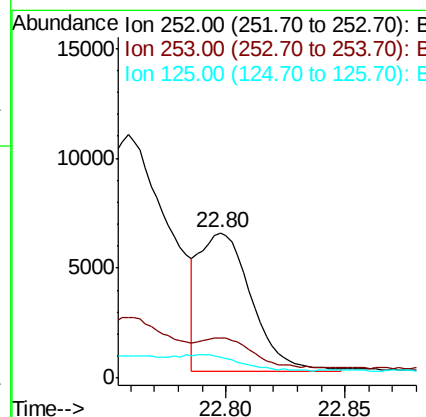
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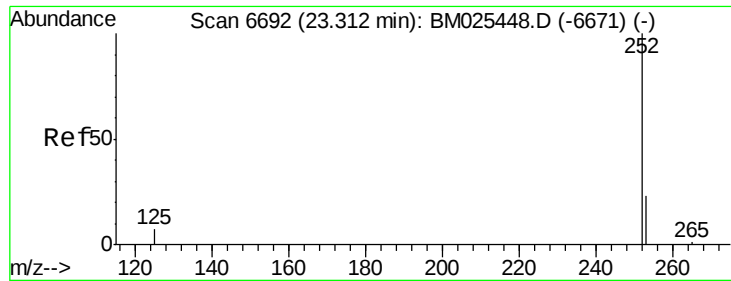
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#22
Benzo(k)fluoranthene
Concen: 0.174 ng/ul m
RT: 22.80 min Scan# 6479
Delta R.T. -0.00 min
Lab File: BM025450.D
Acq: 10 Mar 2020 13:33

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	9683		
253	27.3	19.8	29.8	
125	14.2	7.1	10.7#	





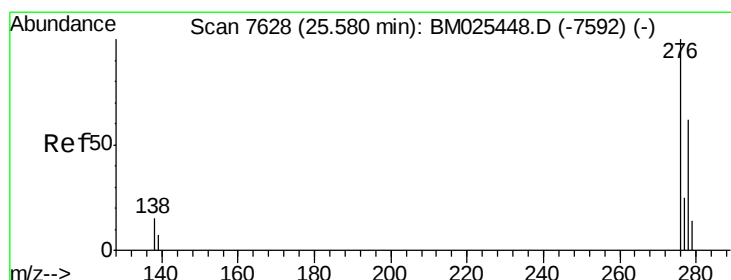
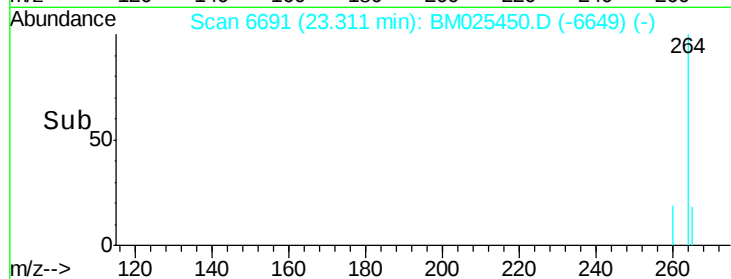
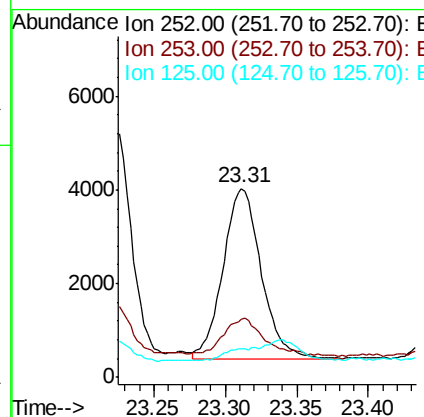
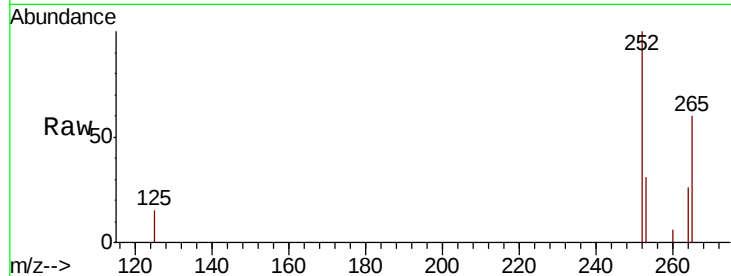
#23
Benzo(a)pyrene
Concen: 0.154 ng/u1
RT: 23.31 min Scan# 6691
Delta R.T. 0.00 min
Lab File: BM025450.D
Acq: 10 Mar 2020 13:33

Instrument :
BNA_M
ClientSampleId :
DBDM0DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	30.8	21.3	31.9
125	15.0	8.5	12.7

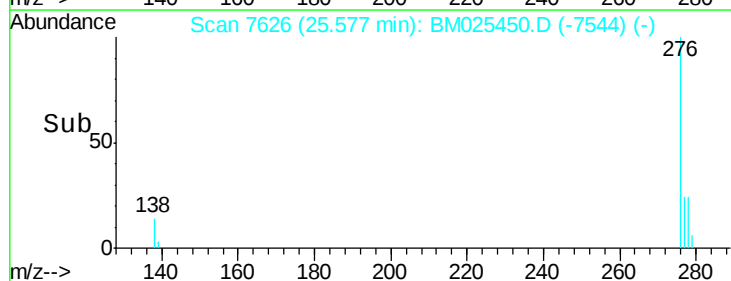
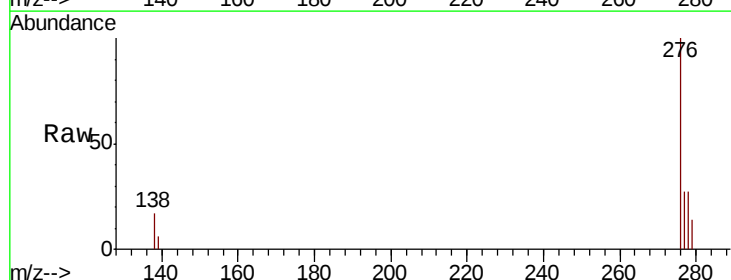
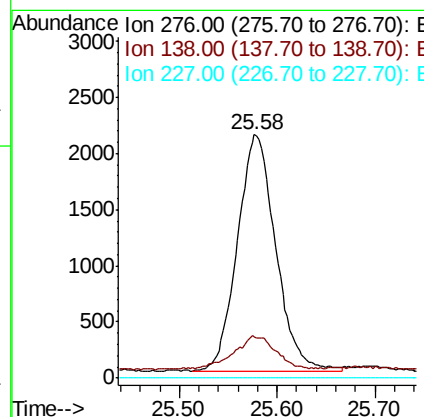
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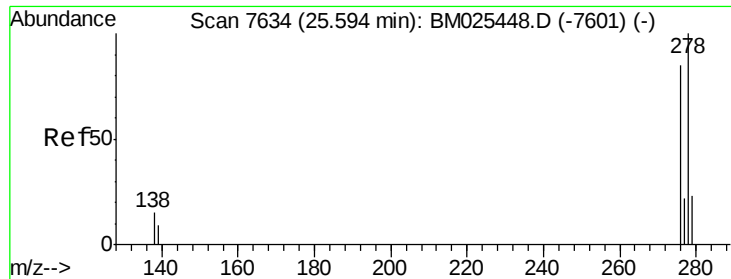
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#24
Indeno(1,2,3-cd)pyrene
Concen: 0.096 ng/u1
RT: 25.58 min Scan# 7626
Delta R.T. -0.00 min
Lab File: BM025450.D
Acq: 10 Mar 2020 13:33

Tgt Ion	Ratio	Lower	Upper
276	100		
138	14.7	12.3	18.5
227	0.0	0.0	0.0





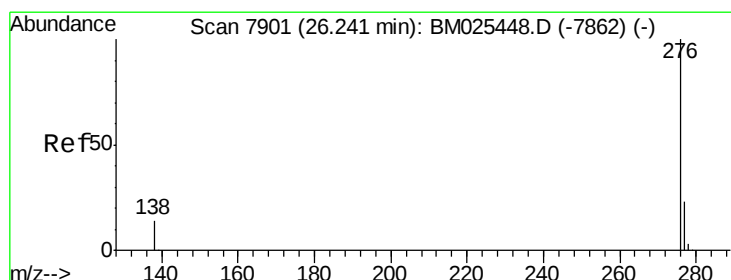
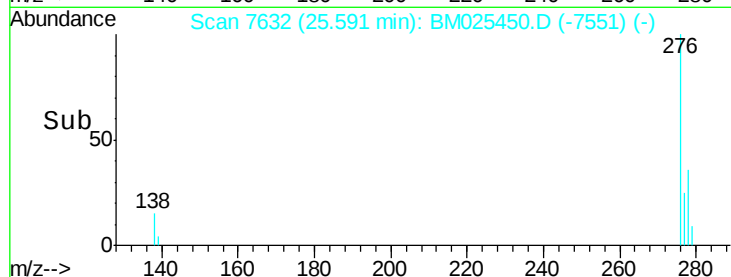
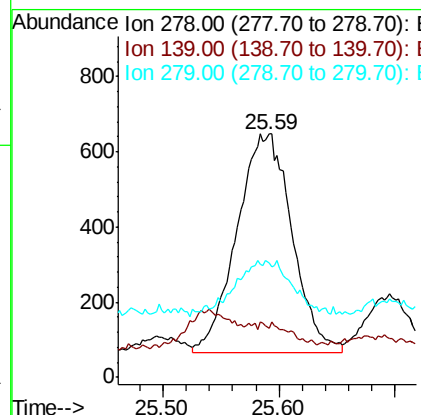
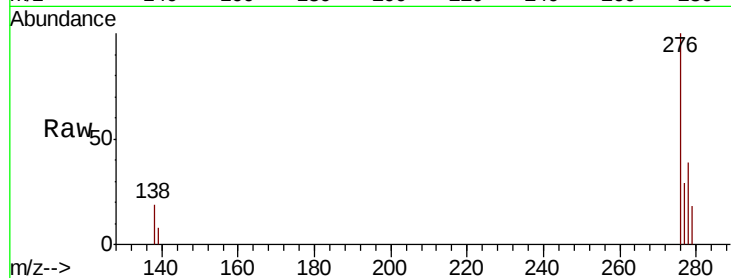
#25
Dibenzo(a,h)anthracene
Concen: 0.038 ng/u1
RT: 25.59 min Scan# 7632
Delta R.T. -0.00 min
Lab File: BM025450.D
Acq: 10 Mar 2020 13:33

Instrument :
BNA_M
ClientSampleId :
DBDM0DL

Tot Ion	Ratio	Lower	Upper
278	100		
139	20.4	9.0	13.6#
279	46.9	21.1	31.7#

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#26
Benzo(g,h,i)perylene
Concen: 0.060 ng/u1
RT: 26.24 min Scan# 7899
Delta R.T. -0.00 min
Lab File: BM025450.D
Acq: 10 Mar 2020 13:33

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.4	11.0	16.4#
277	29.4	19.8	29.6

