

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030320\
 Data File : BM025312.D
 Acq On : 06 Mar 2020 11:35
 Operator : CG/JU
 Sample : L1543-20
 Misc :
 ALS Vial : 110 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBDA2

Manual Integrations
 APPROVED

mohammad
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Quant Time: Mar 06 12:35:25 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	3640	0.40	ng/ul	0.00
2) Naphthalene-d8	10.44	136	15855	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.30	164	11407	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.04	188	27710	0.40	ng/ul	0.00
16) Chrysene-d12	21.23	240	26908	0.40	ng/ul	0.00
20) Perylene-d12	23.42	264	25595	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.04	152	3660	0.12	ng/ul	0.00
14) Fluoranthene-d10	19.07	212	11289	0.13	ng/ul	0.00
Target Compounds						
					Ovalue	
13) Anthracene	17.17	178	4512	0.057	ng/ul	98
15) Fluoranthene	19.10	202	3304	0.030	ng/ul	100
17) Pyrene	19.46	202	5036	0.049	ng/ul	98
18) Benzo(a)anthracene	21.21	228	2132	0.022	ng/ul	96
19) Chrysene	21.26	228	2893	0.027	ng/ul	97
21) Benzo(b)fluoranthene	22.77	252	16101m	0.157	ng/ul	
22) Benzo(k)fluoranthene	22.81	252	5024m	0.047	ng/ul	
23) Benzo(a)pyrene	23.32	252	2308	0.027	ng/ul#	59
24) Indeno(1,2,3-cd)pyrene	25.60	276	3810	0.036	ng/ul#	100
26) Benzo(g,h,i)perylene	26.26	276	1914	0.021	ng/ul#	84

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

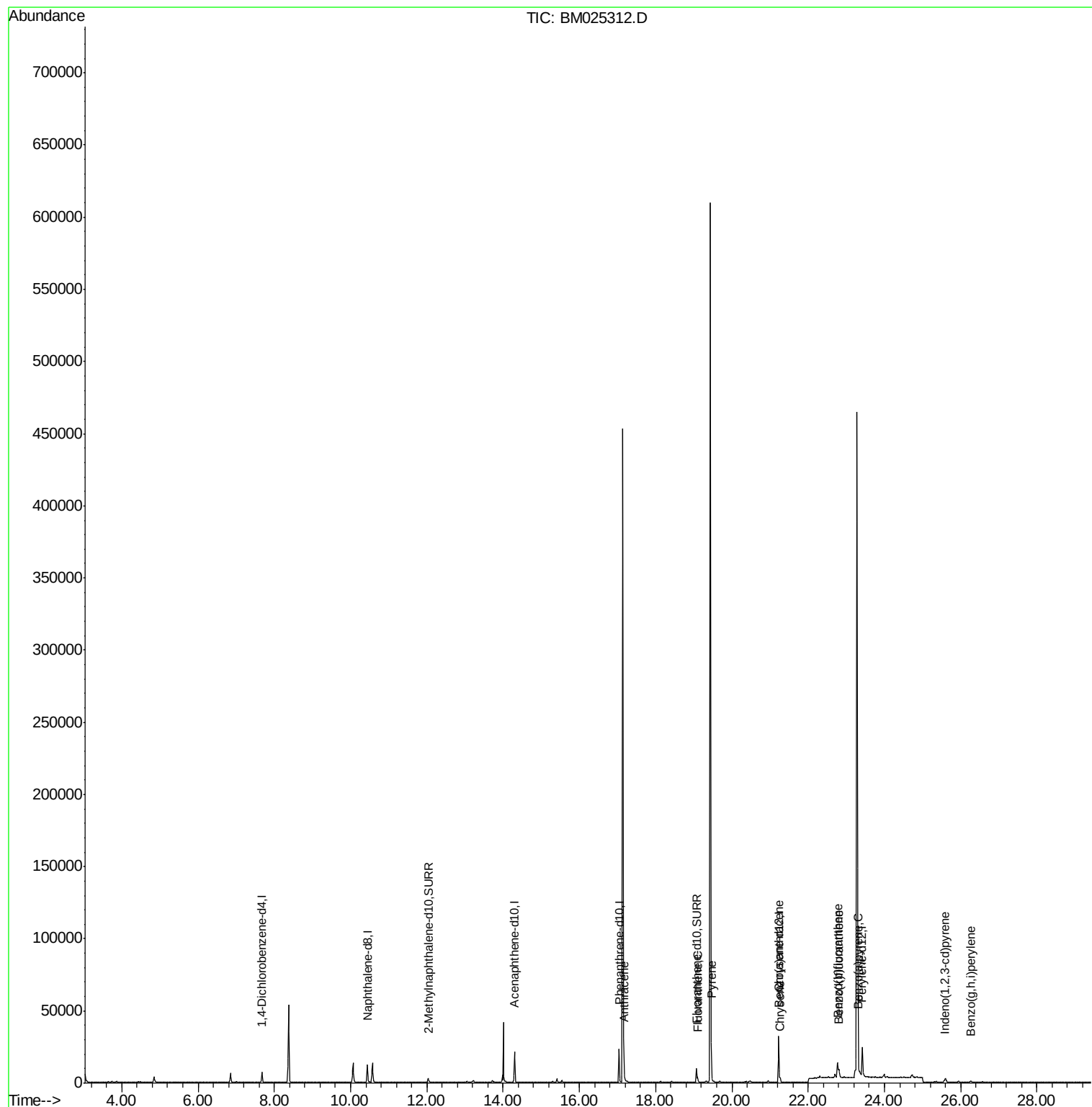
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030320\
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Acq On : 06 Mar 2020 11:35
Operator : CG/JU
Sample : L1543-20
Misc :
ALS Vial : 110 Sample Multiplier: 1

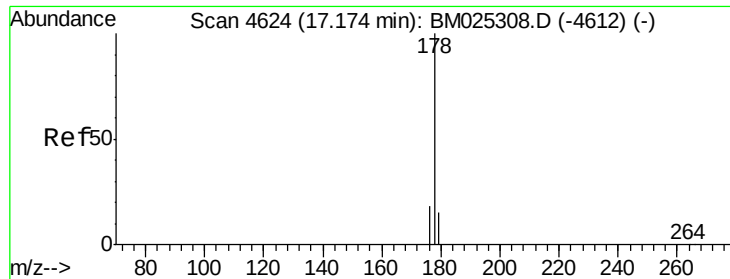
Instrument :
BNA_M
ClientSampleId :
DBDA2

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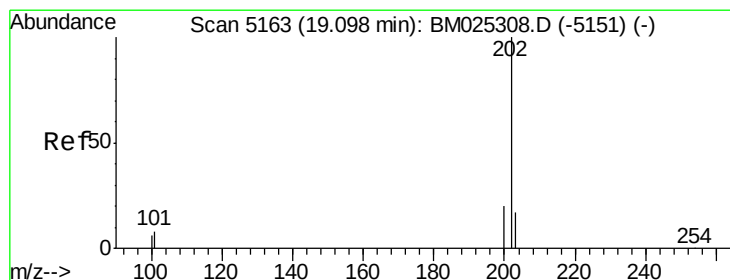
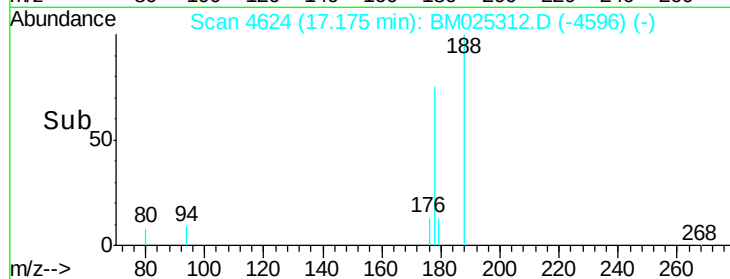
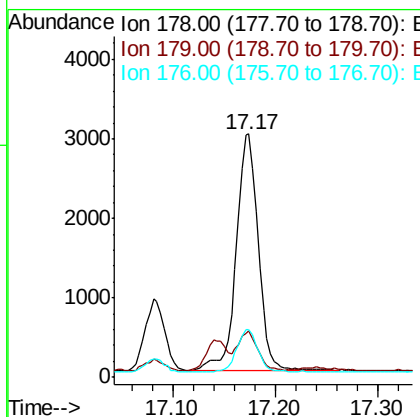
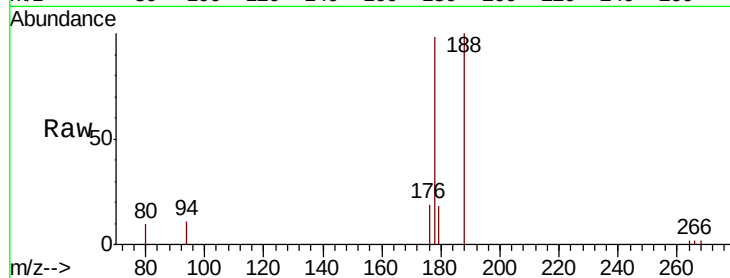
#13
 Anthracene
 Concen: 0.057 ng/ul
 RT: 17.17 min Scan# 4624
 Delta R.T. -0.00 min
 Lab File: BM025312.D
 Acq: 06 Mar 2020 11:35

Instrument :
 BNA_M
 ClientSampleId :
 DBDA2

Tot Ion:	178	Resp:	4512
Ion	Ratio	Lower	Upper
178	100		
179	18.9	14.1	21.1
176	19.6	16.2	24.4

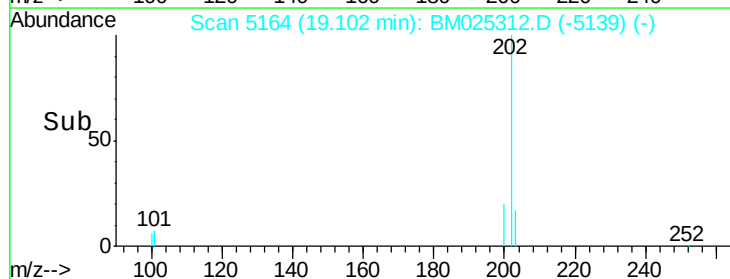
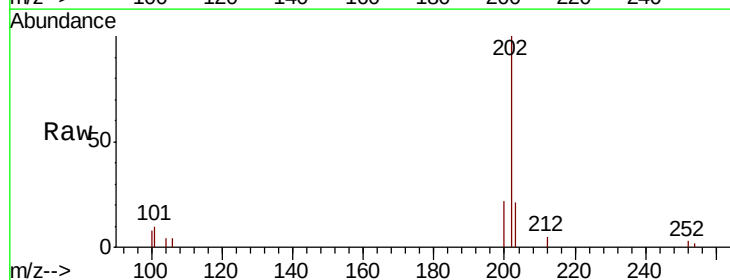
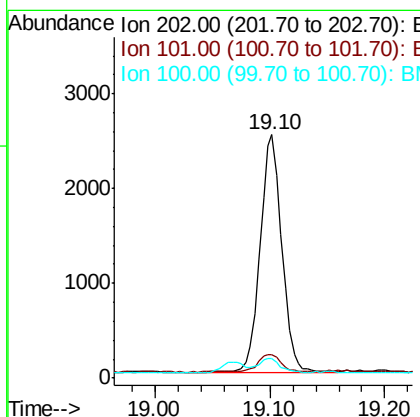
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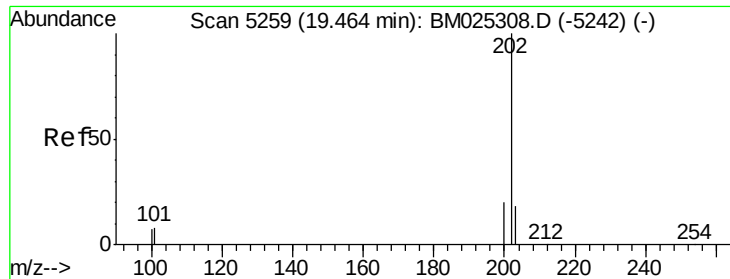
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#15
 Fluoranthene
 Concen: 0.030 ng/ul
 RT: 19.10 min Scan# 5164
 Delta R.T. -0.00 min
 Lab File: BM025312.D
 Acq: 06 Mar 2020 11:35

Tgt Ion:	202	Resp:	3304
Ion	Ratio	Lower	Upper
202	100		
101	9.6	0.0	29.4
100	8.0	0.0	28.0





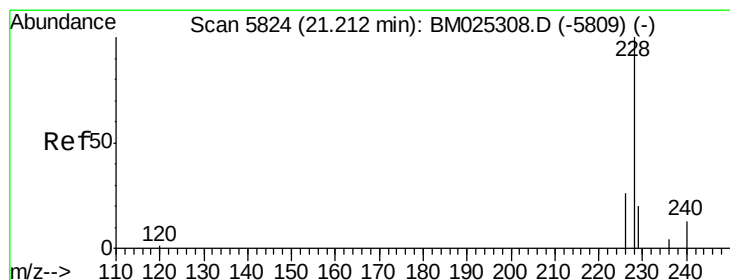
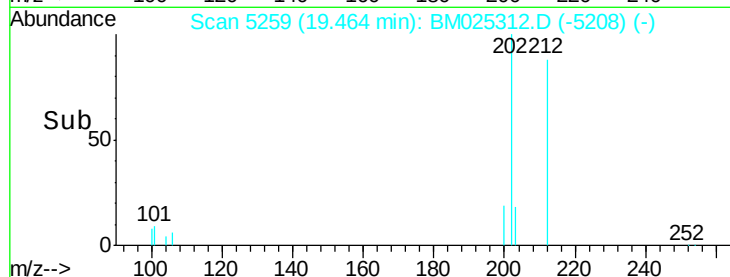
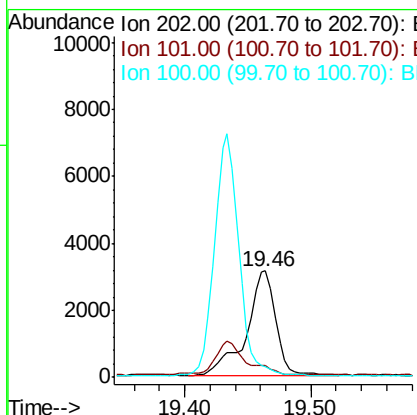
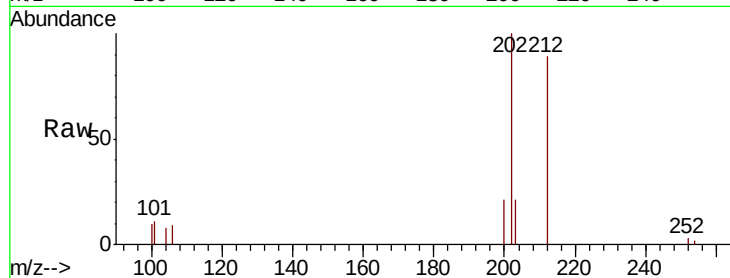
#17
Pvrene
Concen: 0.049 ng/ul
RT: 19.46 min Scan# 5259
Delta R.T. -0.00 min
Lab File: BM025312.D
Acq: 06 Mar 2020 11:35

Instrument :
BNA_M
ClientSampled :
DBDA2

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	11.4	8.7	13.1
100	9.9	7.3	10.9

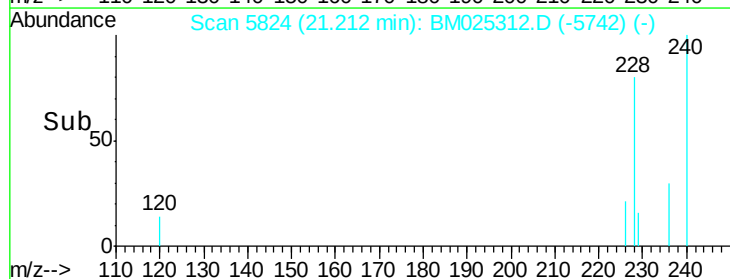
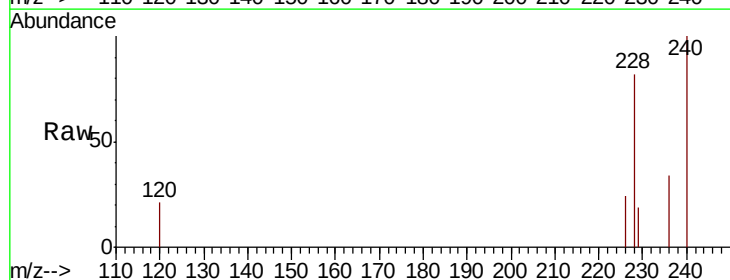
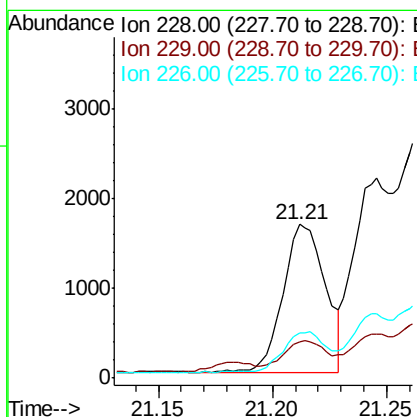
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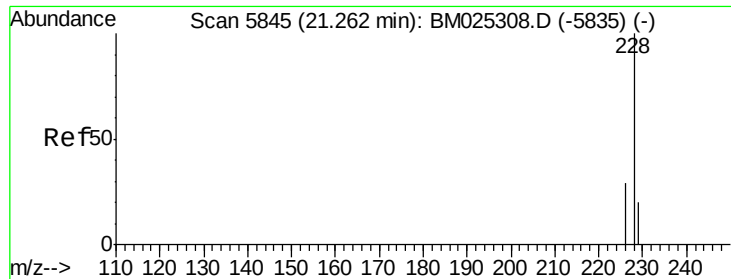
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#18
Benzo(a)anthracene
Concen: 0.022 ng/ul
RT: 21.21 min Scan# 5824
Delta R.T. -0.00 min
Lab File: BM025312.D
Acq: 06 Mar 2020 11:35

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	23.5	16.6	25.0
226	29.1	21.9	32.9





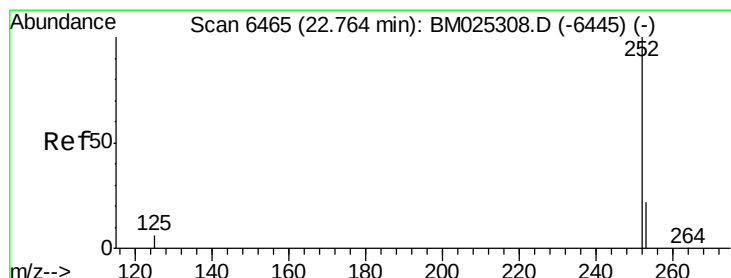
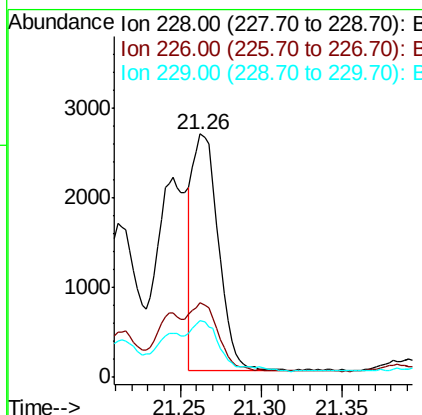
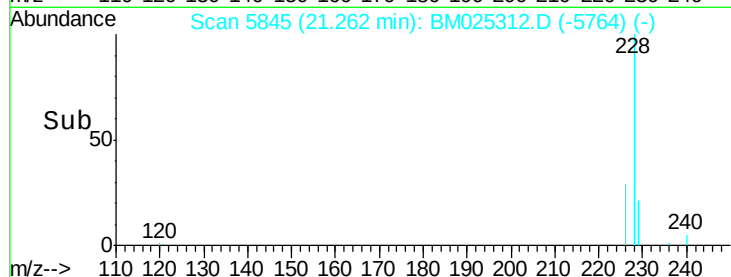
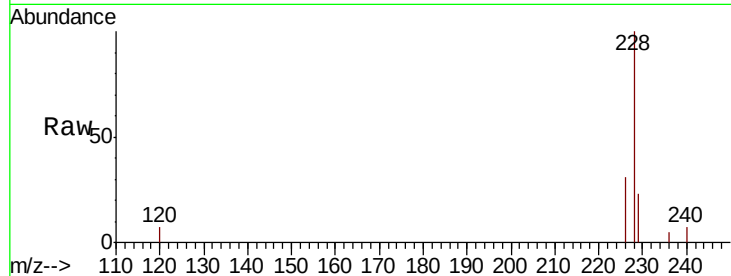
#19
Chrysene
Concen: 0.027 ng/ul
RT: 21.26 min Scan# 5845
Delta R.T. -0.00 min
Lab File: BM025312.D
Acq: 06 Mar 2020 11:35

Instrument :
BNA_M
ClientSampleId :
DBDA2

Tot Ion:	228	Resp:	2893
Ion Ratio	Lower	Upper	
228	100		
226	30.6	23.8	35.8
229	23.3	16.9	25.3

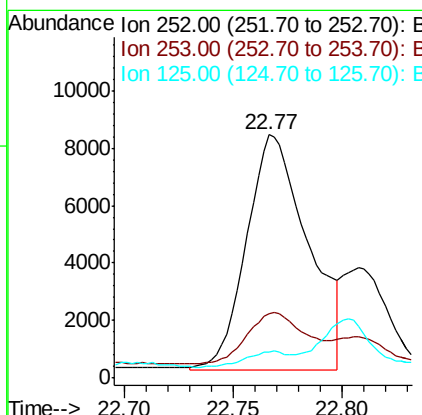
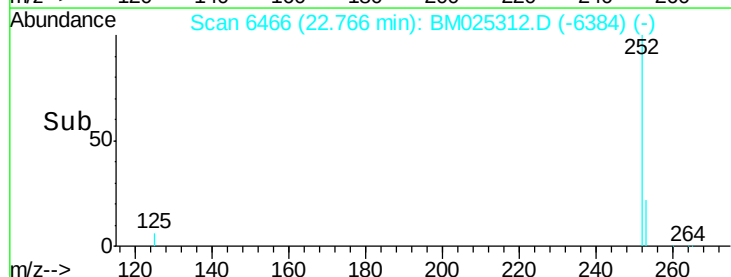
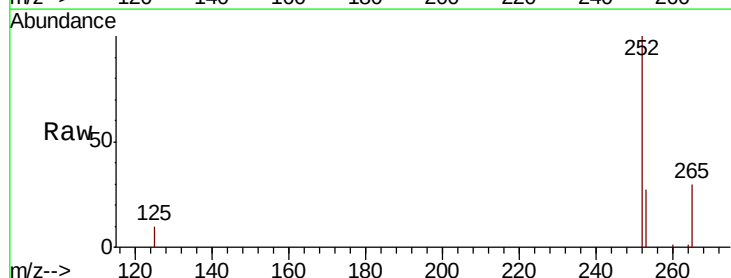
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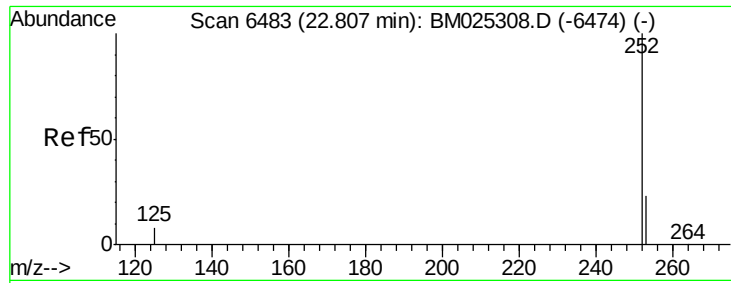
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#21
Benzo(b)fluoranthene
Concen: 0.157 ng/ul m
RT: 22.77 min Scan# 6466
Delta R.T. -0.00 min
Lab File: BM025312.D
Acq: 06 Mar 2020 11:35

Tgt Ion:	252	Resp:	16101
Ion Ratio	Lower	Upper	
252	100		
253	26.7	0.0	49.8
125	10.4	0.0	28.6





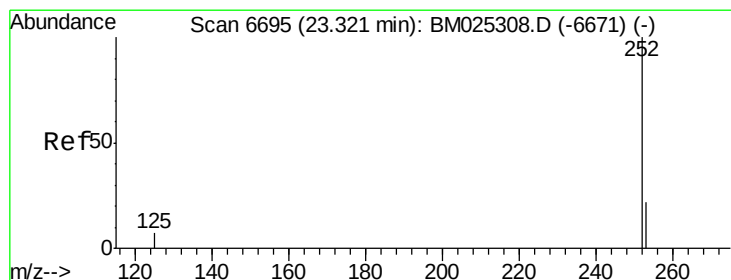
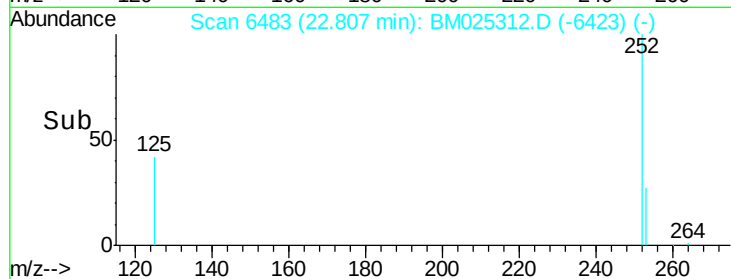
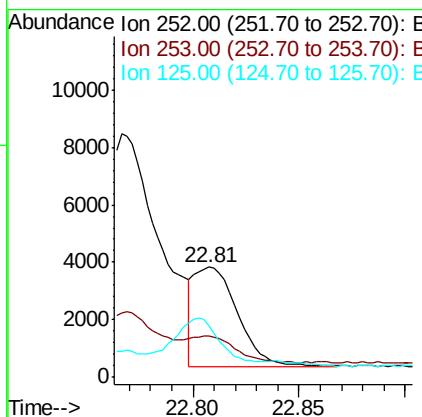
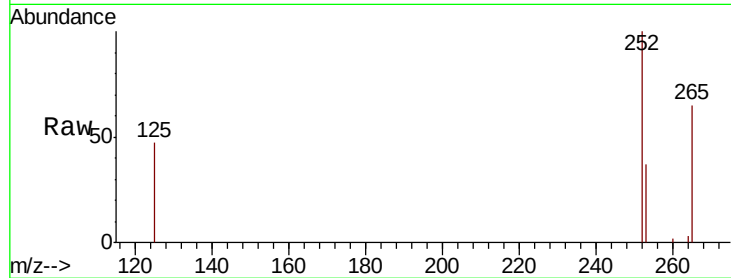
#22
Benzo(k)fluoranthene
Concen: 0.047 ng/ul m
RT: 22.81 min Scan# 6483
Delta R.T. -0.00 min
Lab File: BM025312.D
Acq: 06 Mar 2020 11:35

Instrument :
BNA_M
ClientSampleId :
DBDA2

Tot Ion	Ratio	Lower	Upper
252	100		
253	37.5	19.4	29.0#
125	47.2	10.7	16.1#

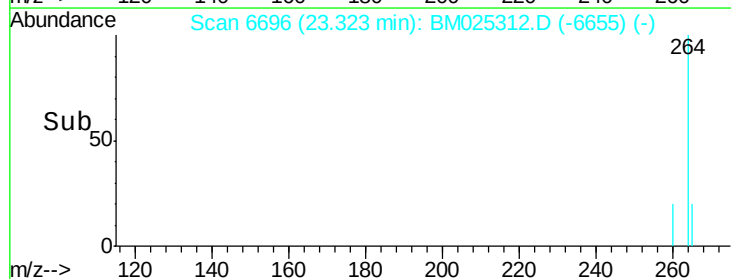
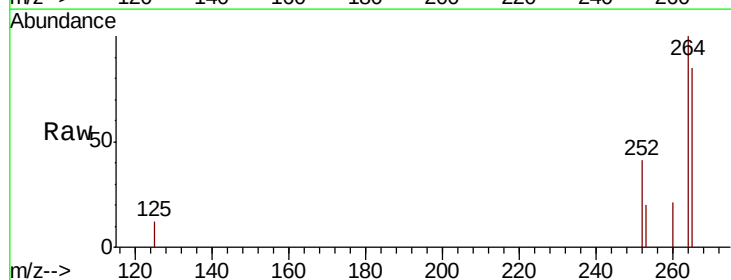
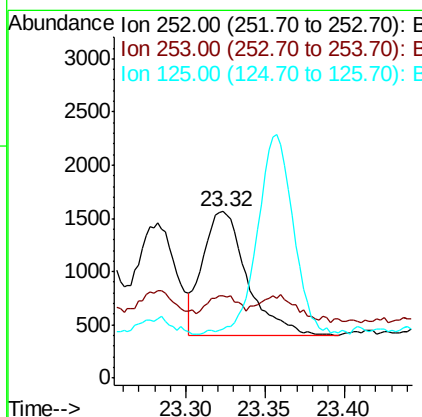
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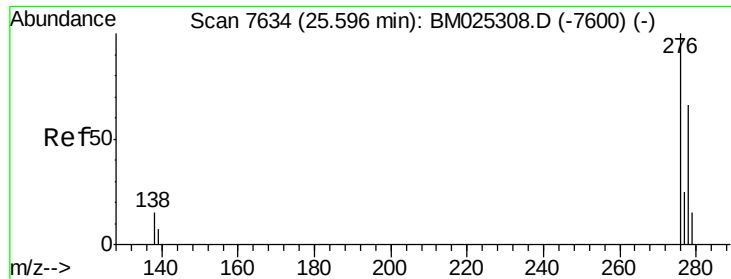
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#23
Benzo(a)pyrene
Concen: 0.027 ng/ul
RT: 23.32 min Scan# 6696
Delta R.T. -0.00 min
Lab File: BM025312.D
Acq: 06 Mar 2020 11:35

Tgt Ion	Ratio	Lower	Upper
252	100		
253	49.2	20.3	30.5#
125	29.7	13.0	19.4#





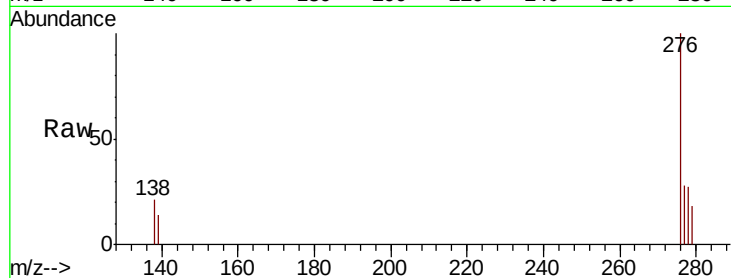
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.036 ng/ul
 RT: 25.60 min Scan# 7634
 Delta R.T. -0.01 min
 Lab File: BM025312.D
 Acq: 06 Mar 2020 11:35

Instrument :
 BNA_M
 ClientSampleId :
 DBDA2

Tot Ion	Ratio	Resp Lower	Upper
276	100		
138	22.9	0.0	0.0#
227	0.0	0.0	0.0

Manual Integrations
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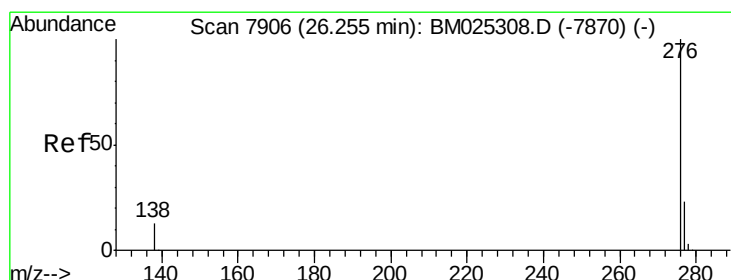
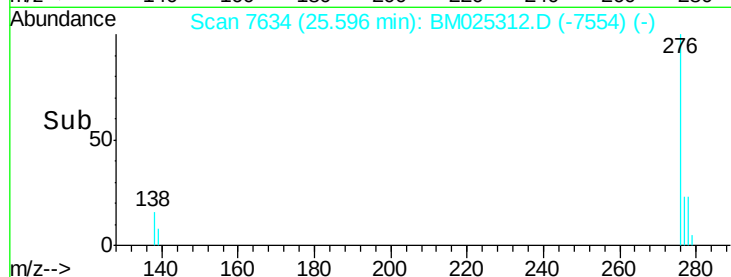
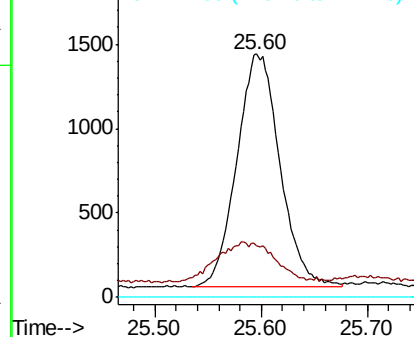


Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E



#26
 Benzo(g,h,i)perylene
 Concen: 0.021 ng/ul
 RT: 26.26 min Scan# 7907
 Delta R.T. -0.00 min
 Lab File: BM025312.D
 Acq: 06 Mar 2020 11:35

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	26.5	17.9	26.9
277	36.7	20.5	30.7#

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

