

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030320\
 Data File : BM025290.D
 Acq On : 05 Mar 2020 16:31
 Operator : CG/JU
 Sample : L1543-11DL 10X
 Misc :
 ALS Vial : 86 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBD93DL

Manual Integrations
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Quant Time: Mar 05 17:24:23 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	7.68	152	4047	0.40	ng/ul	0.00
2) Naphthalene-d8	10.44	136	16687	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.30	164	12092	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.04	188	29984	0.40	ng/ul	0.00
16) Chrysene-d12	21.23	240	28128	0.40	ng/ul	0.00
20) Perylene-d12	23.42	264	24764	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.04	152	705	0.02	ng/ul	0.00
14) Fluoranthene-d10	19.07	212	2200	0.02	ng/ul	0.00
Target Compounds						
					Ovalue	
13) Anthracene	17.17	178	2222	0.026	ng/ul#	96
15) Fluoranthene	19.10	202	9447	0.078	ng/ul	98
17) Pyrene	19.46	202	16233	0.152	ng/ul#	95
18) Benzo(a)anthracene	21.21	228	7268	0.070	ng/ul	98
19) Chrysene	21.26	228	15103	0.133	ng/ul	99
21) Benzo(b)fluoranthene	22.77	252	22691m	0.229	ng/ul	
22) Benzo(k)fluoranthene	22.81	252	9119m	0.088	ng/ul	
23) Benzo(a)pyrene	23.32	252	6662	0.080	ng/ul#	89
24) Indeno(1,2,3-cd)pyrene	25.60	276	6232	0.060	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.61	278	1852	0.022	ng/ul#	68
26) Benzo(g,h,i)perylene	26.26	276	3988	0.045	ng/ul	94

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

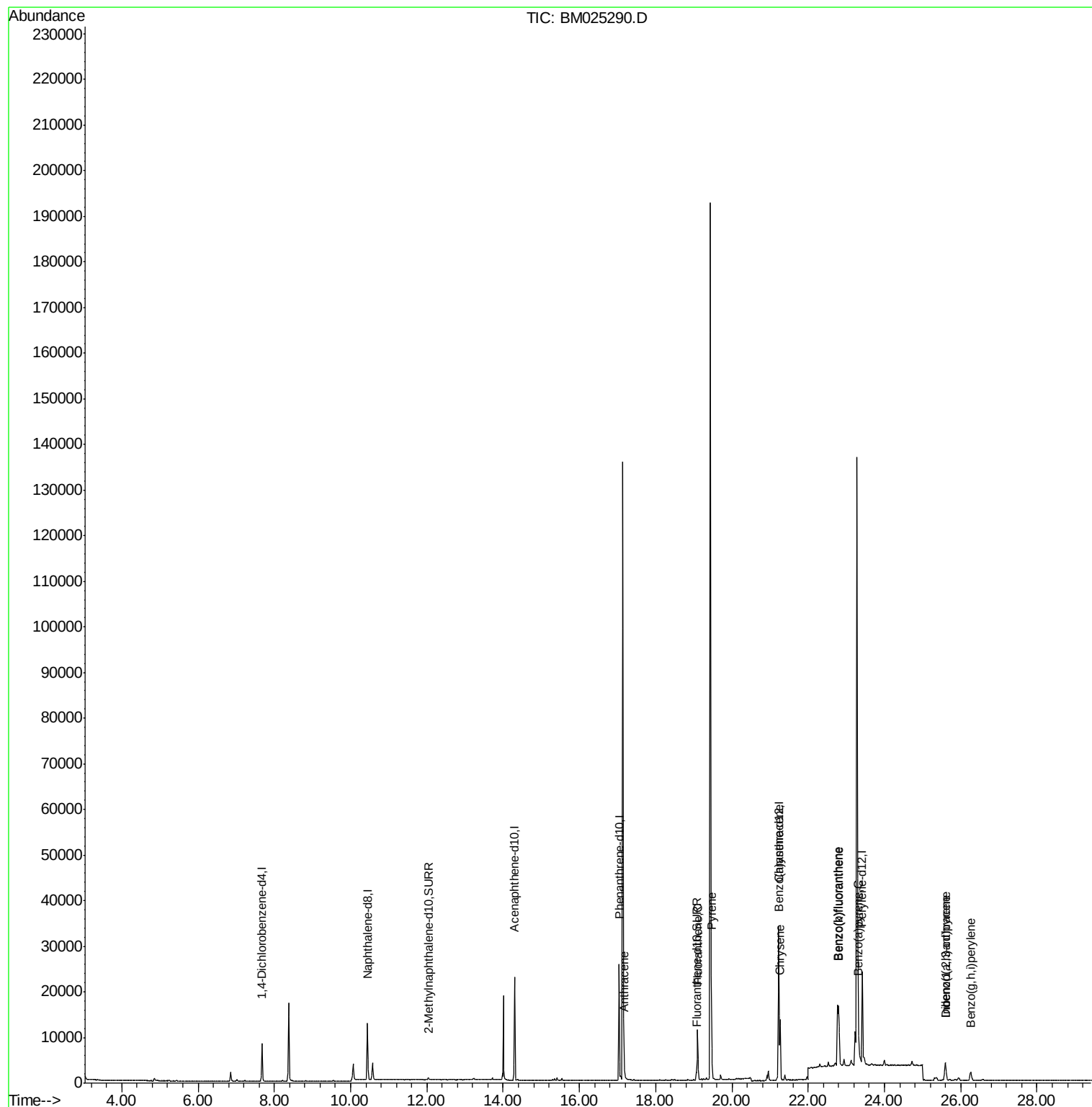
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030320\
Data File : BM025290.D
Acq On : 05 Mar 2020 16:31
Operator : CG/JU
Sample : L1543-11DL 10X
Misc :
ALS Vial : 86 Sample Multiplier: 1

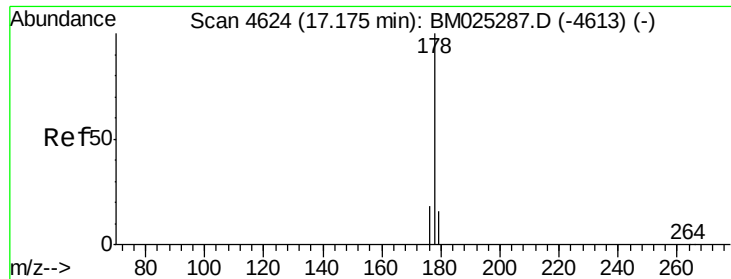
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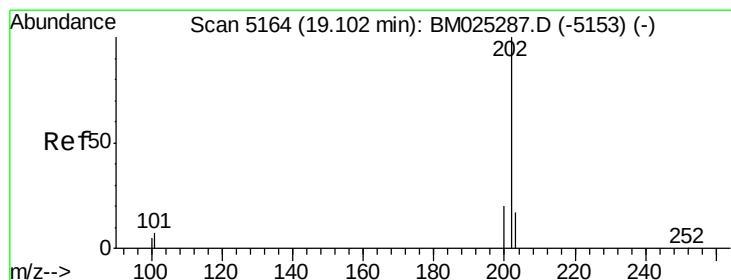
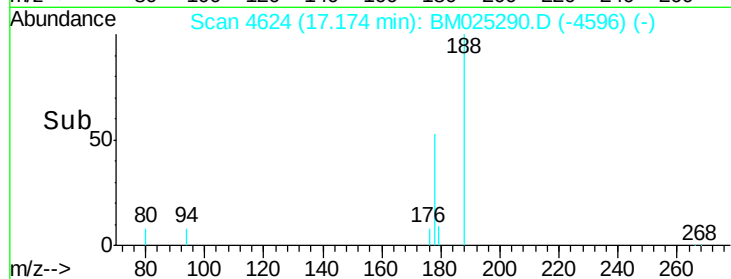
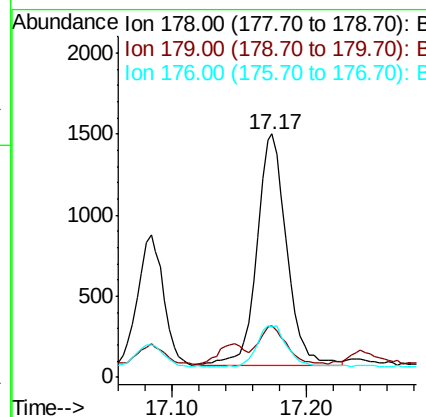
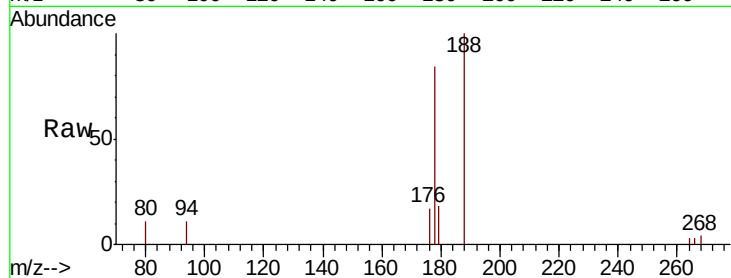
#13
 Anthracene
 Concen: 0.026 ng/ul
 RT: 17.17 min Scan# 4624
 Delta R.T. -0.00 min
 Lab File: BM025290.D
 Acq: 05 Mar 2020 16:31

Instrument :
 BNA_M
 ClientSampleId :
 DBD93DL

Tot Ion	Ratio	Lower	Upper
178	100		
179	21.2	14.1	21.1#
176	20.4	16.2	24.4

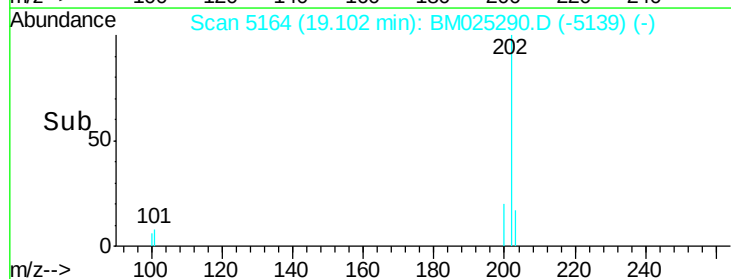
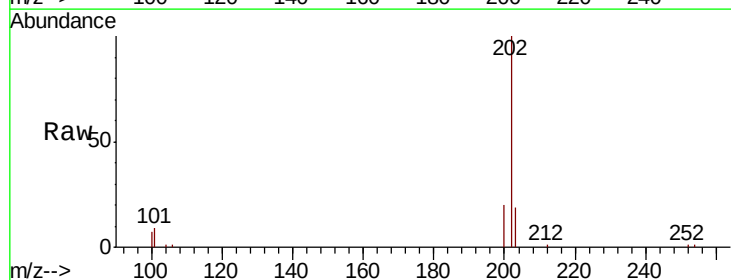
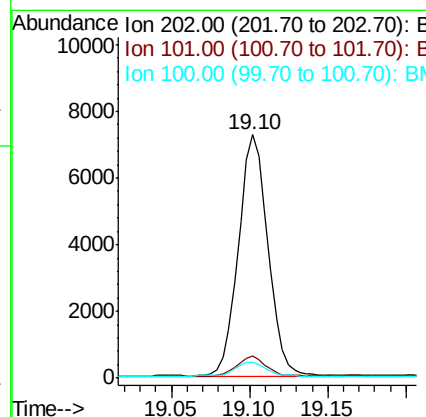
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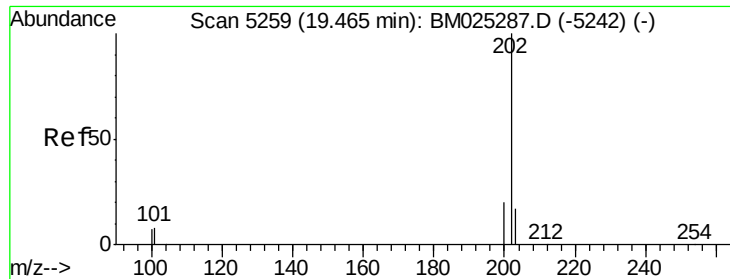
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#15
 Fluoranthene
 Concen: 0.078 ng/ul
 RT: 19.10 min Scan# 5164
 Delta R.T. -0.00 min
 Lab File: BM025290.D
 Acq: 05 Mar 2020 16:31

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.9	0.0	29.4
100	6.7	0.0	28.0





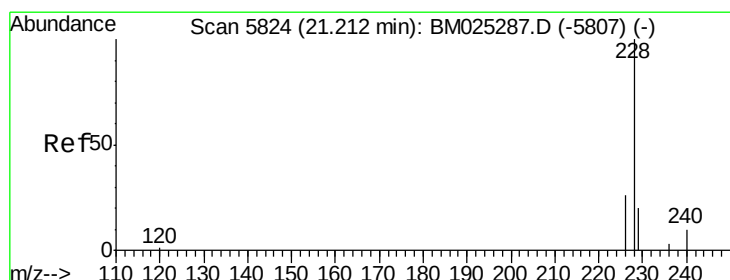
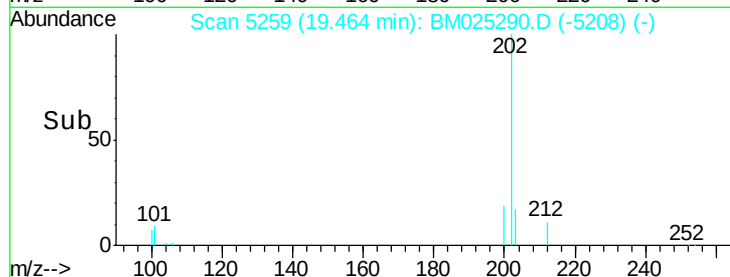
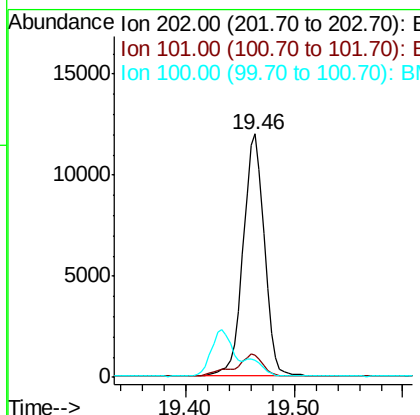
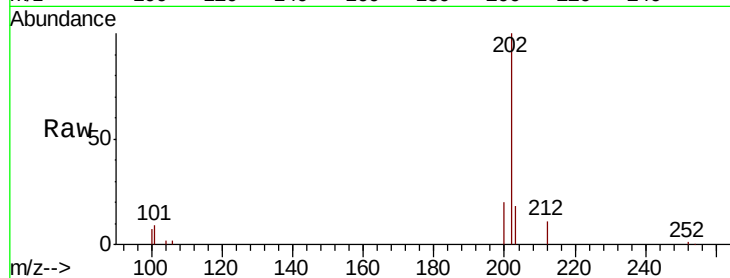
#17
Pvrene
Concen: 0.152 ng/ul
RT: 19.46 min Scan# 5259
Delta R.T. -0.00 min
Lab File: BM025290.D
Acq: 05 Mar 2020 16:31

Instrument :
BNA_M
ClientSampleId :
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Tot Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	9.3	8.7	13.1
100	7.2	7.3	10.9

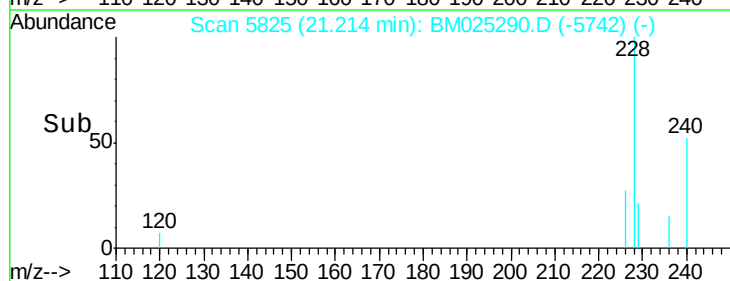
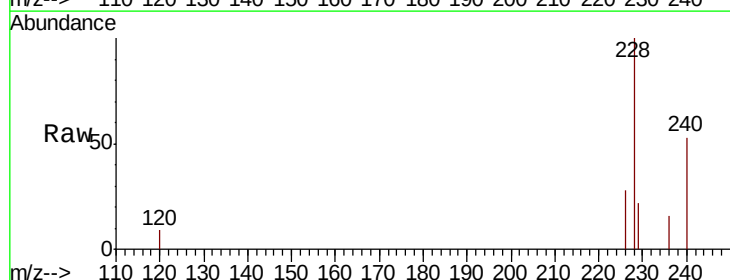
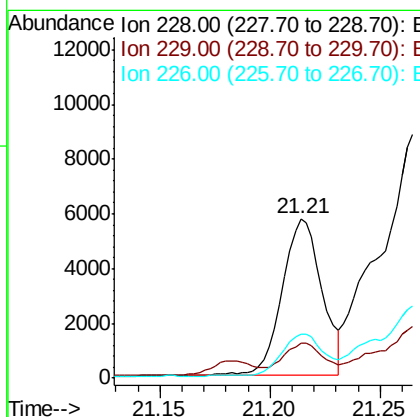
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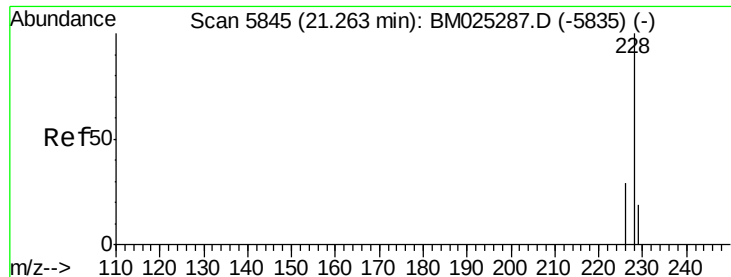
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#18
Benzo(a)anthracene
Concen: 0.070 ng/ul
RT: 21.21 min Scan# 5825
Delta R.T. -0.00 min
Lab File: BM025290.D
Acq: 05 Mar 2020 16:31

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	22.2	16.6	25.0
226	27.6	21.9	32.9





#19

Chrysene

Concen: 0.133 ng/ul

RT: 21.26 min Scan# 5846

Delta R.T. -0.00 min

Lab File: BM025290.D

Acq: 05 Mar 2020 16:31

Instrument :

BNA_M

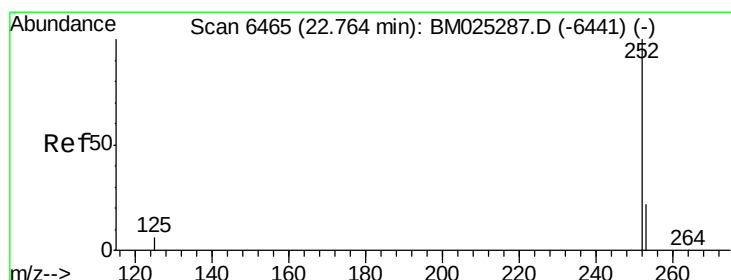
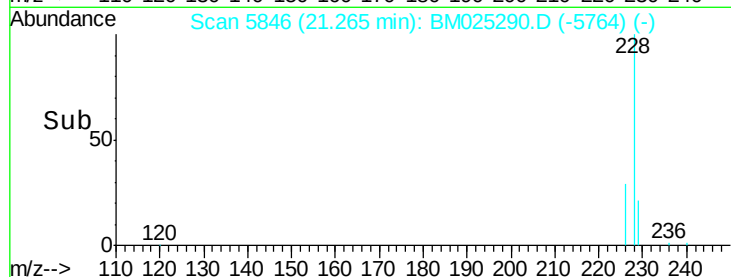
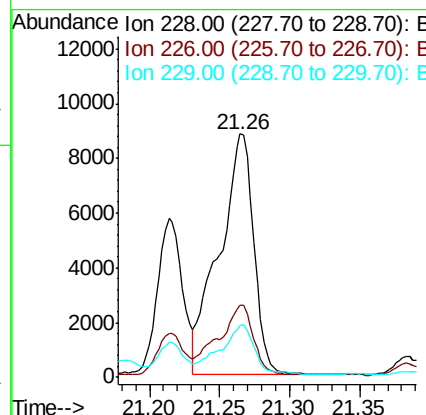
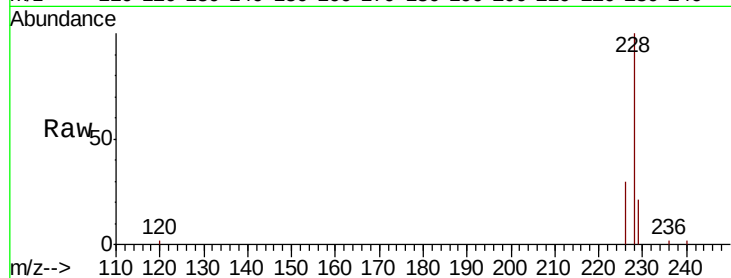
ClientSampleId :

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Tot Ion:	228	Resp:	15103
Ion	Ratio	Lower	Upper
228	100		
226	29.5	23.8	35.8
229	21.4	16.9	25.3

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#21

Benzo(b)fluoranthene

Concen: 0.229 ng/ul m

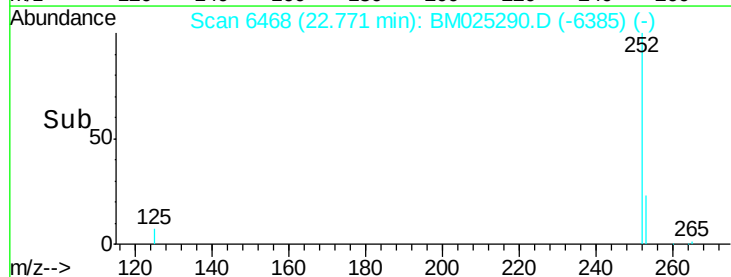
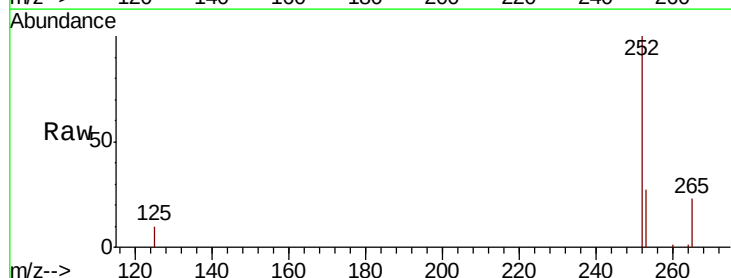
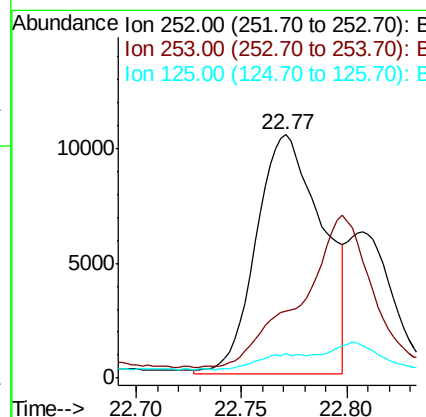
RT: 22.77 min Scan# 6468

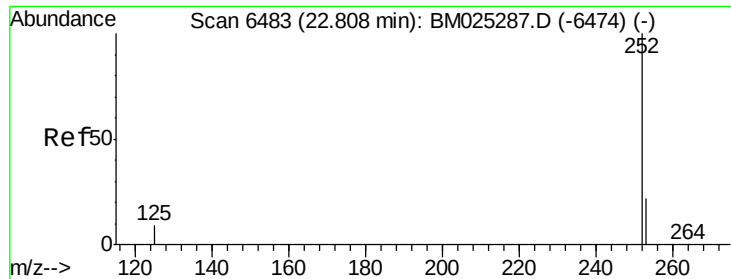
Delta R.T. 0.00 min

Lab File: BM025290.D

Acq: 05 Mar 2020 16:31

Tgt Ion:	252	Resp:	22691
Ion	Ratio	Lower	Upper
252	100		
253	27.3	0.0	49.8
125	10.0	0.0	28.6





#22

Benzo(k)fluoranthene

Concen: 0.088 ng/ul m

RT: 22.81 min Scan# 6483

Delta R.T. -0.01 min

Lab File: BM025290.D

Acq: 05 Mar 2020 16:31

Instrument :

BNA_M

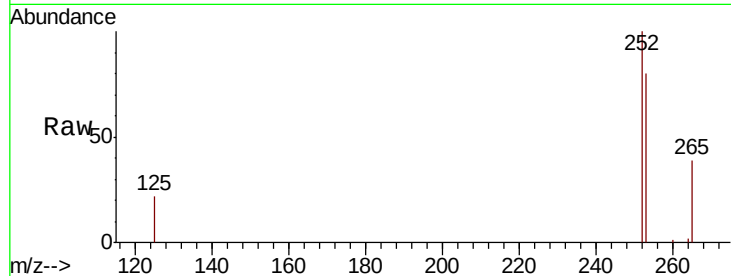
ClientSampleId :

DBD93DL

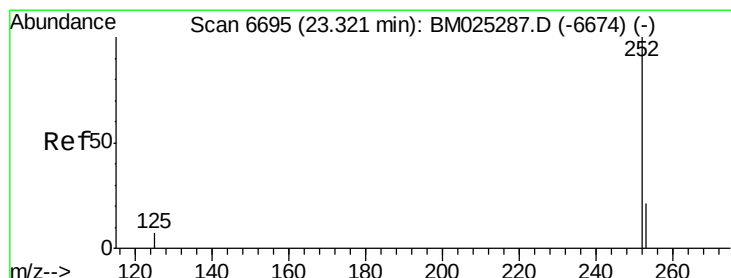
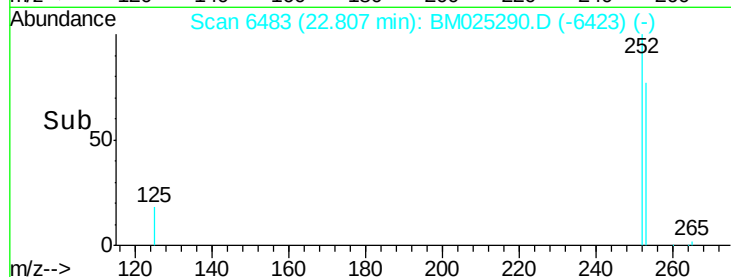
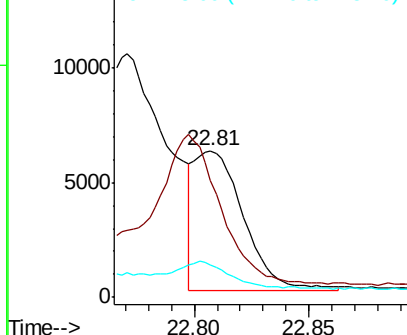
Tot Ion:	252	Resp:	9119
Ion Ratio	Lower	Upper	
252	100		
253	79.9	19.4	29.0#
125	22.1	10.7	16.1#

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#23

Benzo(a)pyrene

Concen: 0.080 ng/ul

RT: 23.32 min Scan# 6695

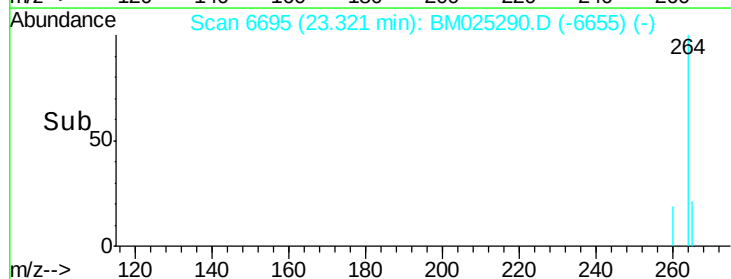
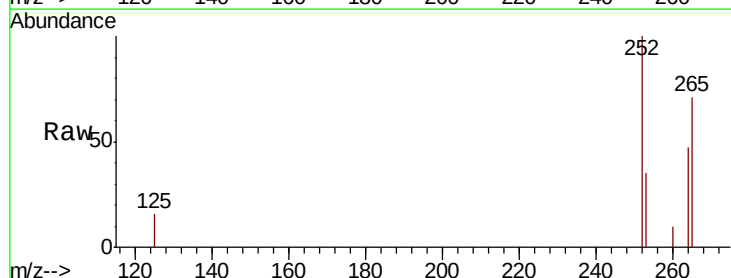
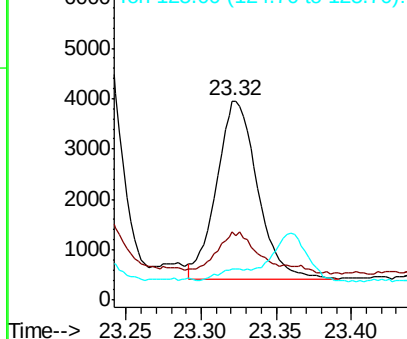
Delta R.T. -0.00 min

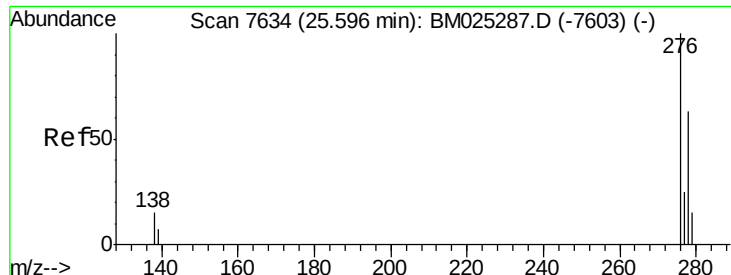
Lab File: BM025290.D

Acq: 05 Mar 2020 16:31

Tgt Ion:	252	Resp:	6662
Ion Ratio	Lower	Upper	
252	100		
253	34.5	20.3	30.5#
125	15.9	13.0	19.4

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





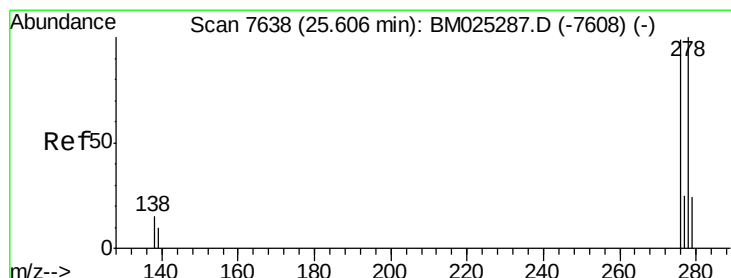
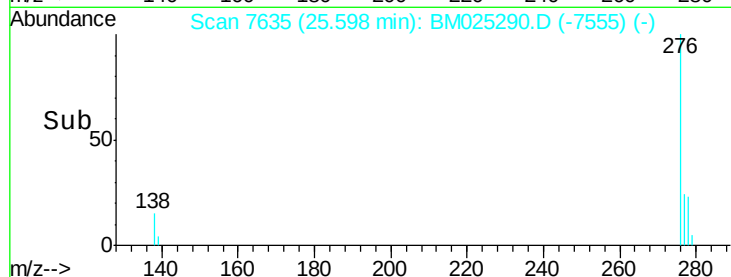
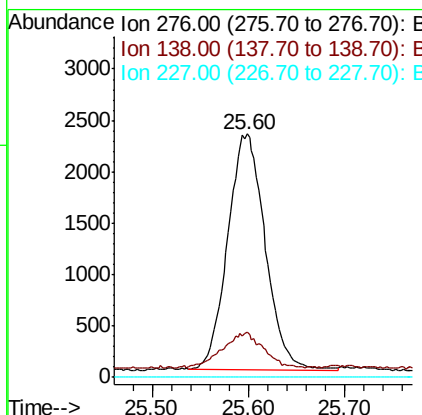
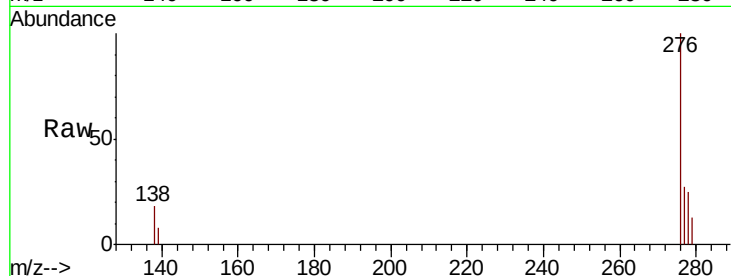
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.060 ng/ul
 RT: 25.60 min Scan# 7635
 Delta R.T. -0.01 min
 Lab File: BM025290.D
 Acq: 05 Mar 2020 16:31

Instrument :
 BNA_M
 ClientSampleId :
 DBD93DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	16.4	0.0	0.0#
227	0.0	0.0	0.0

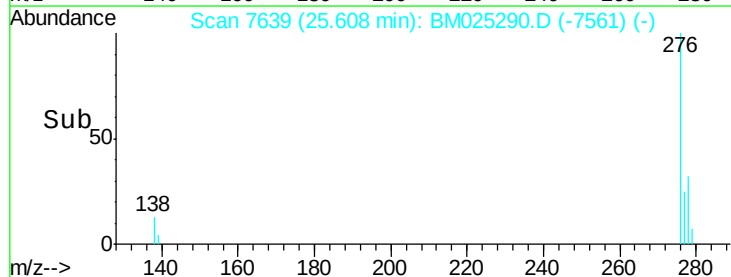
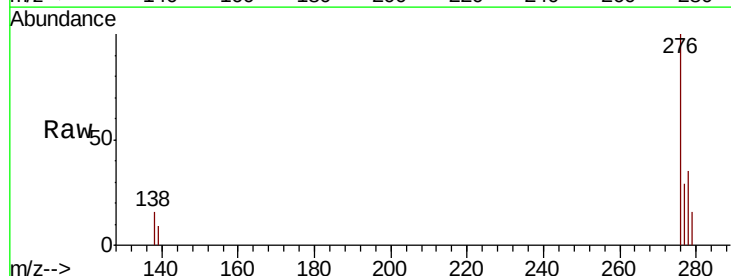
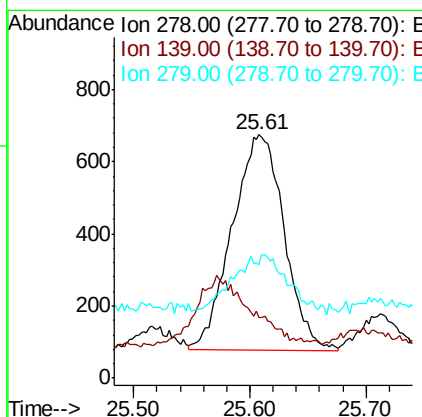
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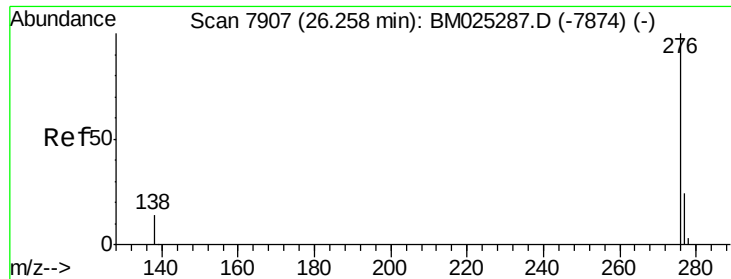
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#25
 Dibenzo(a,h)anthracene
 Concen: 0.022 ng/ul
 RT: 25.61 min Scan# 7639
 Delta R.T. -0.01 min
 Lab File: BM025290.D
 Acq: 05 Mar 2020 16:31

Tgt Ion	Ratio	Lower	Upper
278	100		
139	25.0	13.2	19.8#
279	46.4	21.0	31.4#





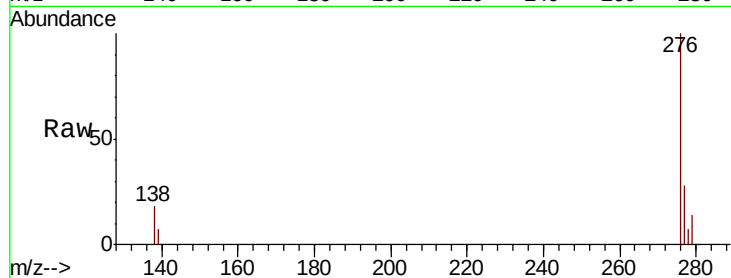
#26
 Benzo(a,h,i)perylene
 Concen: 0.045 ng/ul
 RT: 26.26 min Scan# 7908
 Delta R.T. -0.00 min
 Lab File: BM025290.D
 Acq: 05 Mar 2020 16:31

Instrument :
 BNA_M
 ClientSampleId :
 DBD93DL

Tot Ion:	276	Resp:	3988
Ion Ratio	Lower	Upper	
276	100		
138	18.4	17.9	26.9
277	28.0	20.5	30.7

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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

