

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021821\
 Data File : BM028822.D
 Acq On : 19 Feb 2021 16:26
 Operator : CG/JU
 Sample : M1412-07
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBGX2

Manual Integrations
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Quant Time: Feb 19 17:07:53 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM020521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 19 10:10:00 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	359	0.40	ng/ul	0.00
2) Naphthalene-d8	10.69	136	1485	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.53	164	835	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.27	188	1652	0.40	ng/ul	0.00
16) Chrysene-d12	21.42	240	1529	0.40	ng/ul	0.00
20) Perylene-d12	23.66	264	1546	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	399	0.19	ng/ul	0.00
14) Fluoranthene-d10	19.29	212	874	0.20	ng/ul	0.00

Target Compounds				Ovalue		
3) Naphthalene	10.74	128	88	0.024	ng/ul#	2
7) Acenaphthylene	14.26	152	88	0.026	ng/ul#	6
12) Phenanthrene	17.31	178	279	0.060	ng/ul#	59
13) Anthracene	17.41	178	92	0.021	ng/ul#	9
15) Fluoranthene	19.32	202	2308	0.439	ng/ul	100
17) Pyrene	19.68	202	1957	0.352	ng/ul	97
18) Benzo(a)anthracene	21.41	228	197	0.038	ng/ul#	19
19) Chrysene	21.46	228	986	0.190	ng/ul#	76
21) Benzo(b)fluoranthene	22.98	252	1194m	0.226	ng/ul	
22) Benzo(k)fluoranthene	23.02	252	393m	0.074	ng/ul	
23) Benzo(a)pyrene	23.56	252	342	0.073	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	25.92	276	380	0.062	ng/ul#	100
26) Benzo(g,h,i)perylene	26.61	276	160	0.031	ng/ul#	1

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

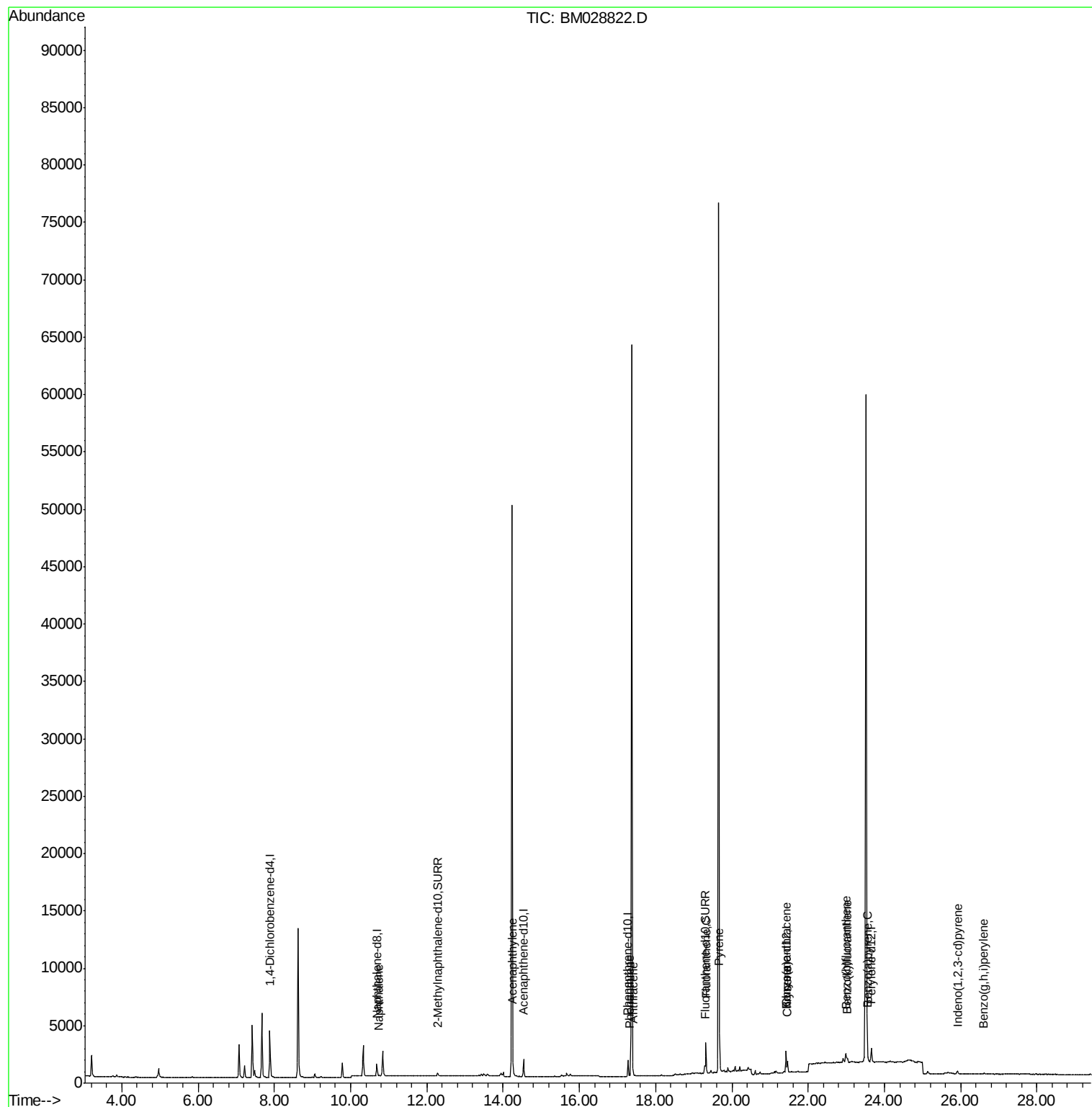
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021821\
Data File : BM028822.D
Acq On : 19 Feb 2021 16:26
Operator : CG/JU
Sample : M1412-07
Misc :
ALS Vial : 37 Sample Multiplier: 1

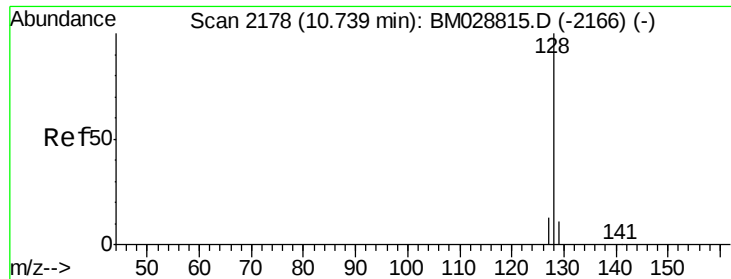
Instrument :
BNA_M
ClientSampleId :
DBGX2

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Quant Time: Feb 19 17:07:53 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM020521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 19 10:10:00 2021
Response via : Initial Calibration





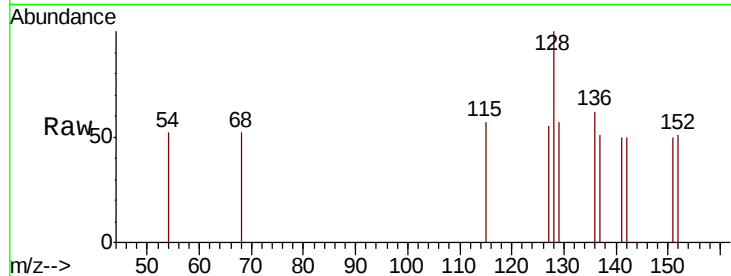
#3
Naphthalene
Concen: 0.024 ng/ul
RT: 10.74 min Scan# 2178
Delta R.T. 0.00 min
Lab File: BM028822.D
Acq: 19 Feb 2021 16:26

Instrument :
BNA_M
ClientSampleId :
DBGX2

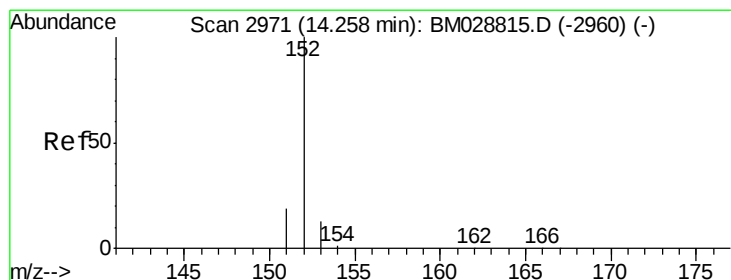
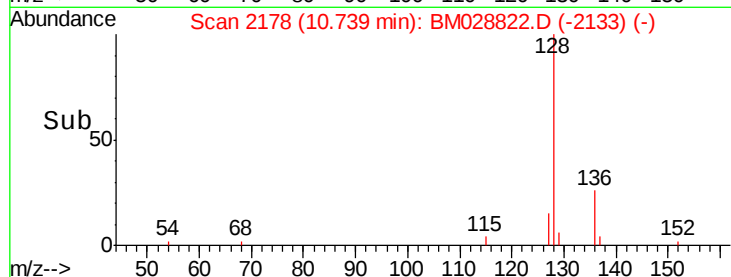
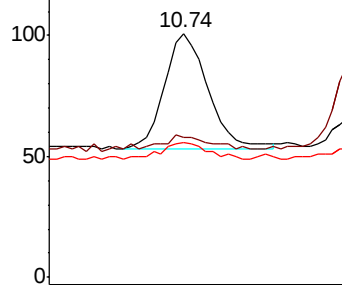
Tot Ion	Ratio	Lower	Upper
128	100		
129	57.4	11.4	17.2#
127	55.4	13.0	19.6#

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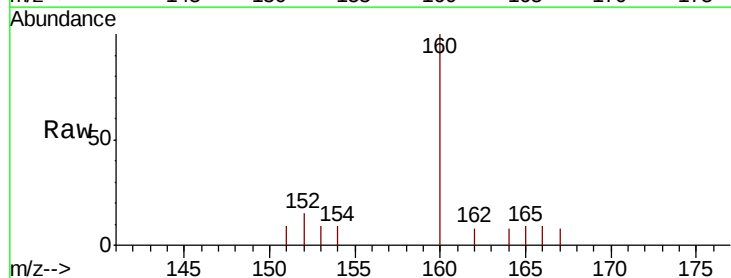


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

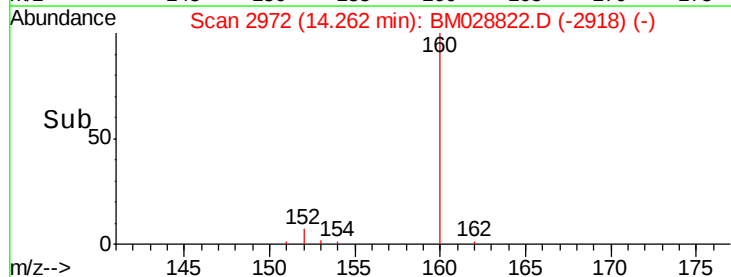
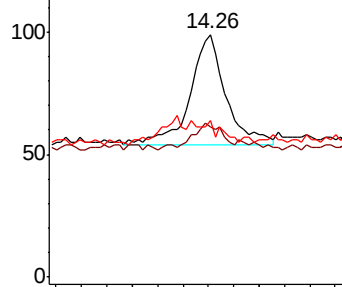


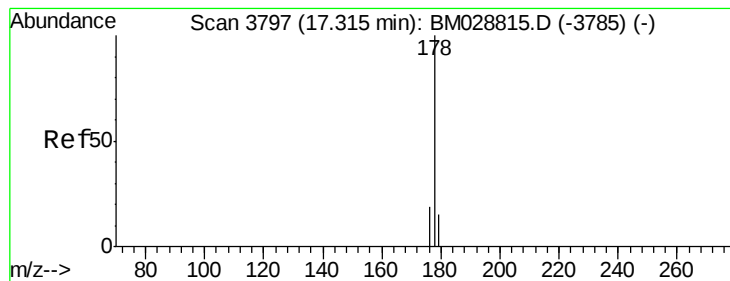
#7
Acenaphthylene
Concen: 0.026 ng/ul
RT: 14.26 min Scan# 2972
Delta R.T. 0.00 min
Lab File: BM028822.D
Acq: 19 Feb 2021 16:26

Tgt Ion	Ratio	Lower	Upper
152	100		
151	61.6	18.0	27.0#
153	64.6	13.4	20.0#



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#12

Phenanthrene

Concen: 0.060 ng/ul

RT: 17.31 min Scan# 3797

Delta R.T. 0.00 min

Lab File: BM028822.D

Acq: 19 Feb 2021 16:26

Instrument :

BNA_M

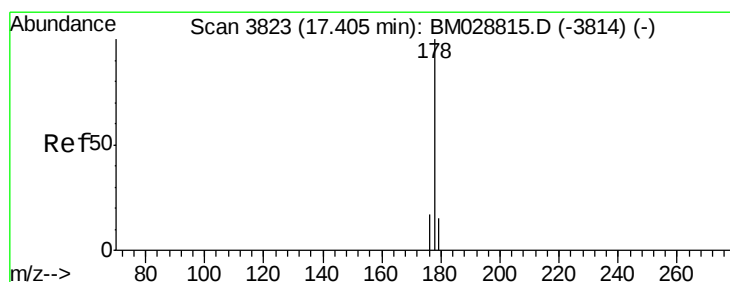
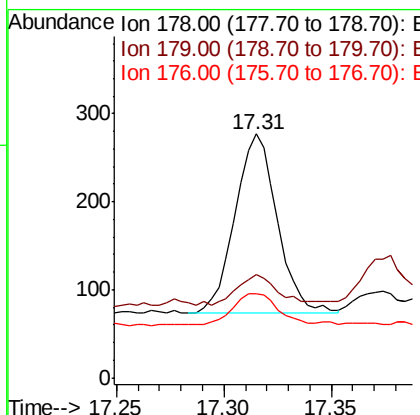
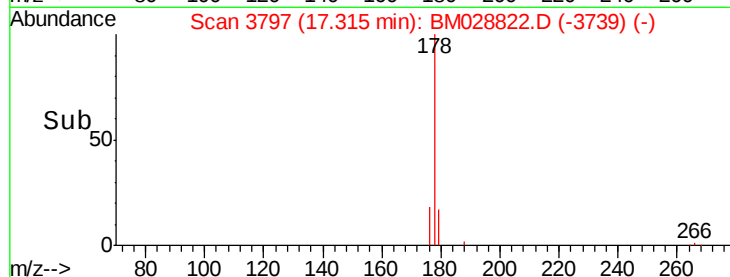
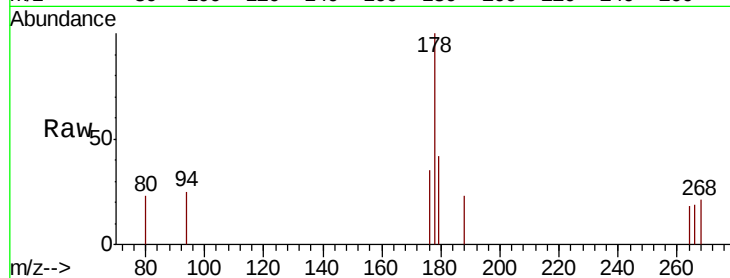
ClientSampleId :

DBGX2

Tot Ion:	178	Resp:	279
Ion	Ratio	Lower	Upper
178	100		
179	42.2	14.7	22.1#
176	34.7	16.7	25.1#

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#13

Anthracene

Concen: 0.021 ng/ul

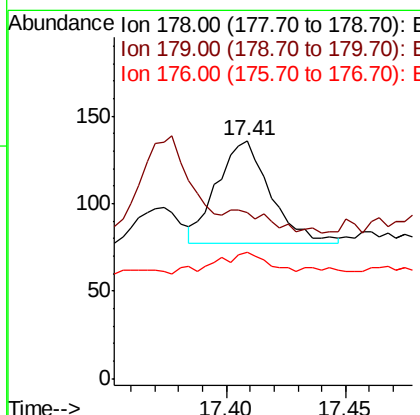
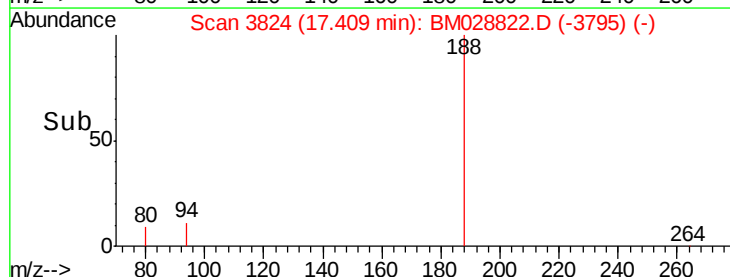
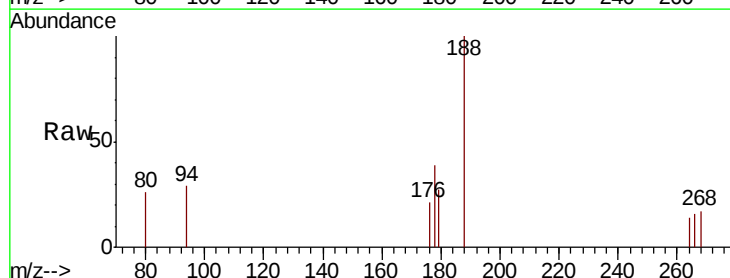
RT: 17.41 min Scan# 3824

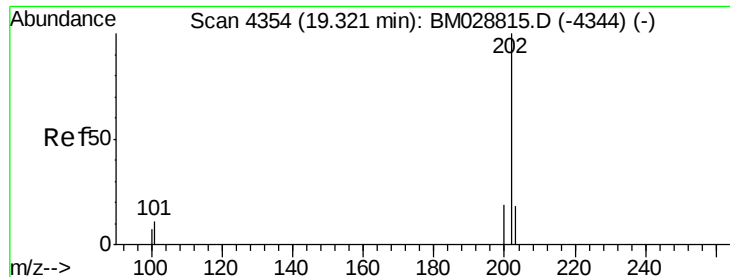
Delta R.T. 0.00 min

Lab File: BM028822.D

Acq: 19 Feb 2021 16:26

Tgt Ion:	178	Resp:	92
Ion	Ratio	Lower	Upper
178	100		
179	69.9	15.0	22.4#
176	52.9	16.6	24.8#





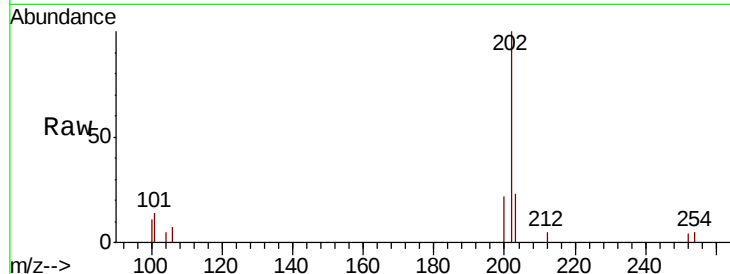
#15
Fluoranthene
Concen: 0.439 ng/ul
RT: 19.32 min Scan# 4354
Delta R.T. 0.00 min
Lab File: BM028822.D
Acq: 19 Feb 2021 16:26

Instrument :
BNA_M
ClientSampleId :
DBGX2

Tot Ion:	202	Resp:	2308
Ion Ratio	Lower	Upper	
202	100		
101	14.5	0.0	34.5
100	11.3	0.0	31.7

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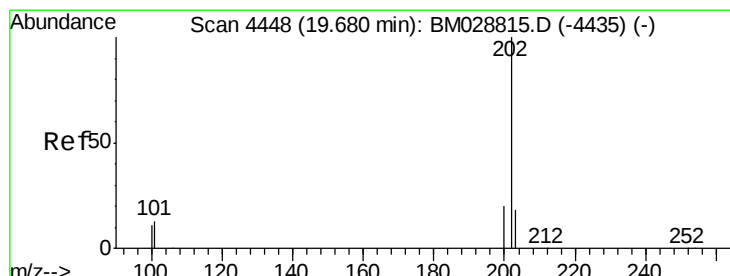
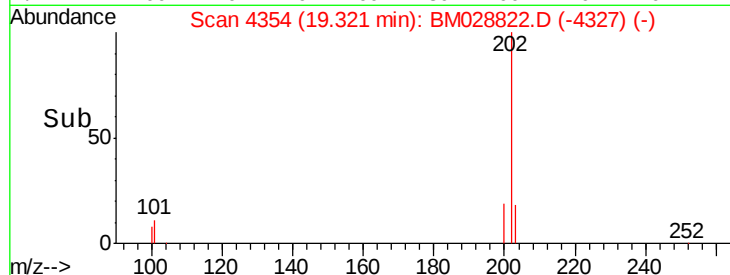
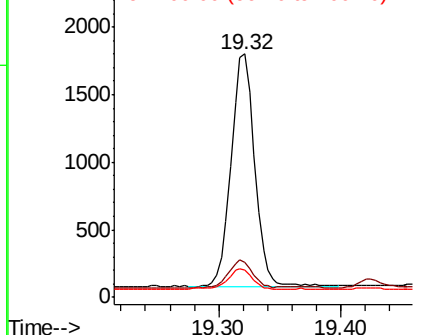


Abundance

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: 0.352 ng/ul
RT: 19.68 min Scan# 4448
Delta R.T. 0.00 min
Lab File: BM028822.D
Acq: 19 Feb 2021 16:26

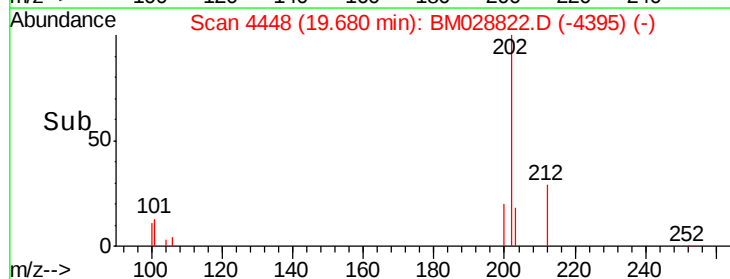
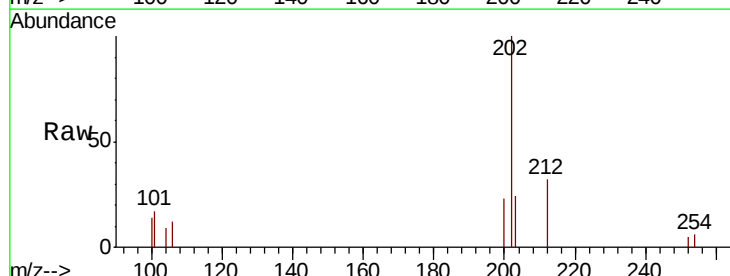
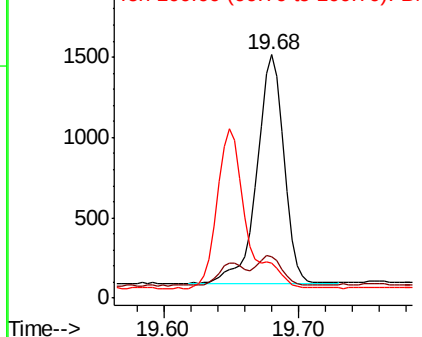
Tgt Ion:	202	Resp:	1957
Ion Ratio	Lower	Upper	
202	100		
101	16.8	12.7	19.1
100	14.2	10.2	15.4

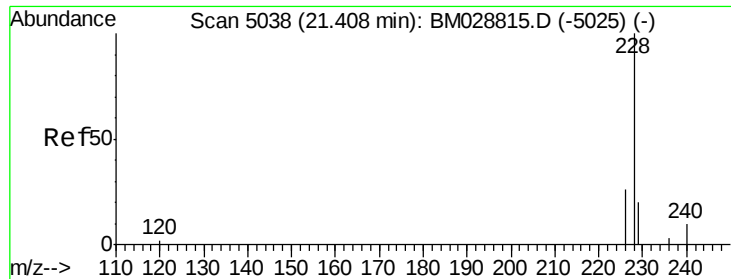
Abundance

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





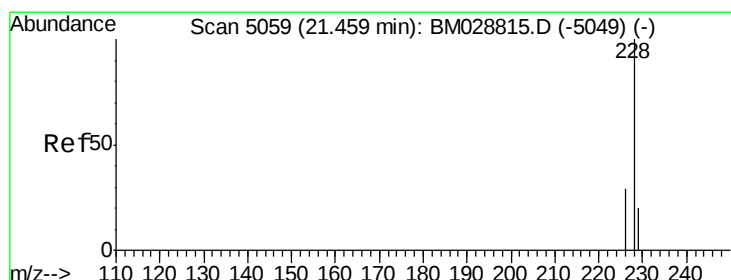
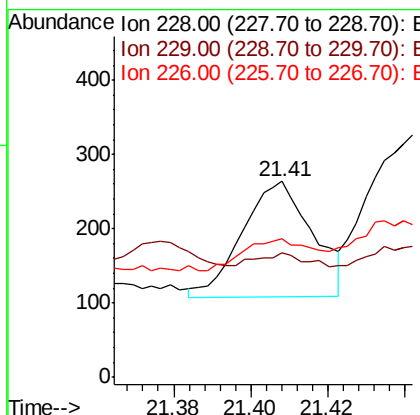
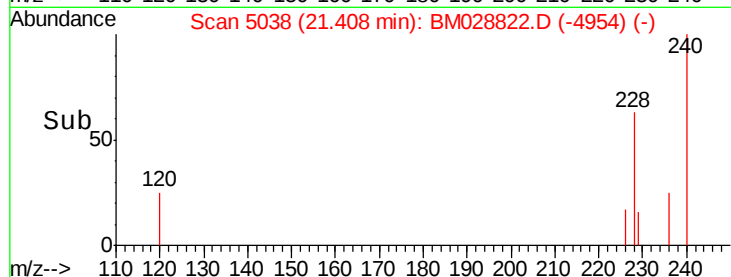
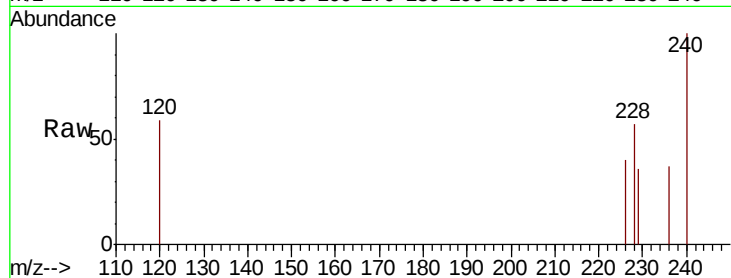
#18
Benzo(a)anthracene
Concen: 0.038 ng/ul
RT: 21.41 min Scan# 5038
Delta R.T. 0.00 min
Lab File: BM028822.D
Acq: 19 Feb 2021 16:26

Instrument :
BNA_M
ClientSampleId :
DBGX2

Tot Ion	Ratio	Lower	Upper
228	100		
229	63.6	18.9	28.3#
226	70.8	22.6	34.0#

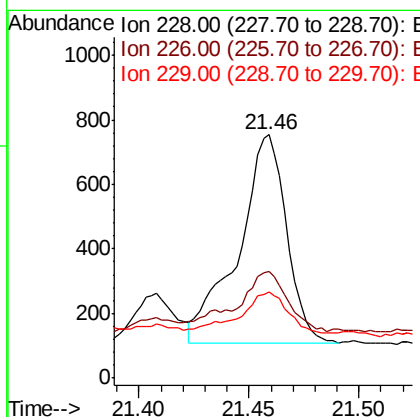
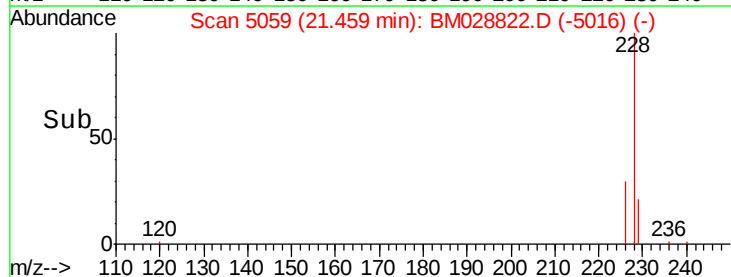
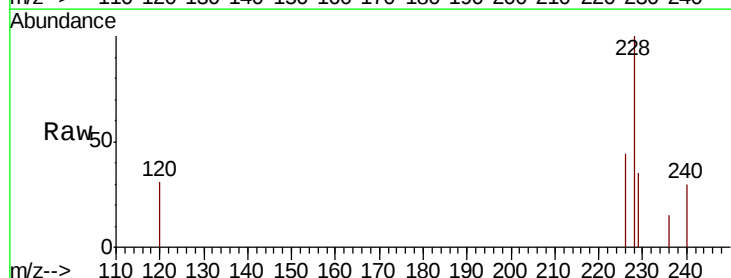
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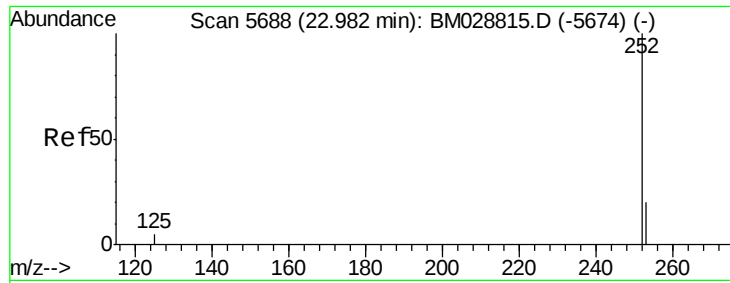
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#19
Chrysene
Concen: 0.190 ng/ul
RT: 21.46 min Scan# 5059
Delta R.T. 0.00 min
Lab File: BM028822.D
Acq: 19 Feb 2021 16:26

Tgt Ion	Ratio	Lower	Upper
228	100		
226	43.9	24.6	37.0#
229	35.3	18.8	28.2#





#21

Benzo(b)fluoranthene

Concen: 0.226 ng/u1 m

RT: 22.98 min Scan# 5689

Delta R.T. 0.01 min

Lab File: BM028822.D

Acq: 19 Feb 2021 16:26

Instrument :

BNA_M

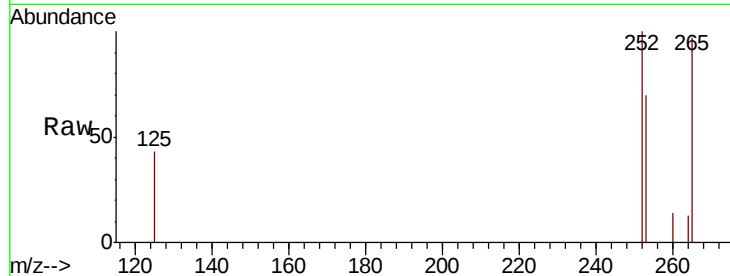
ClientSampleId :

DBGX2

Tot Ion	Ratio	Lower	Upper
252	100		
253	70.4	0.0	67.0#
125	43.4	0.0	57.4

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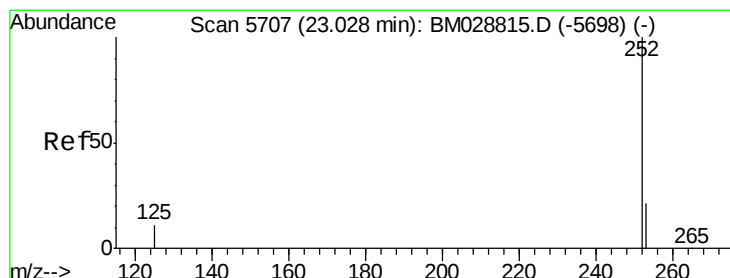
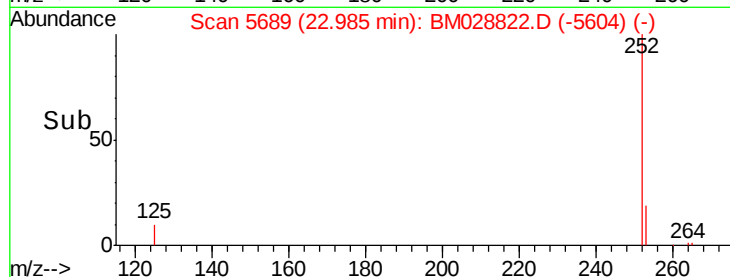
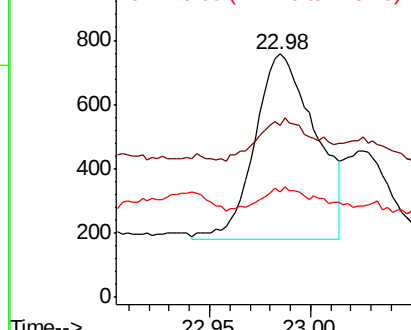


Abundance

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



#22

Benzo(k)fluoranthene

Concen: 0.074 ng/u1 m

RT: 23.02 min Scan# 5705

Delta R.T. 0.00 min

Lab File: BM028822.D

Acq: 19 Feb 2021 16:26

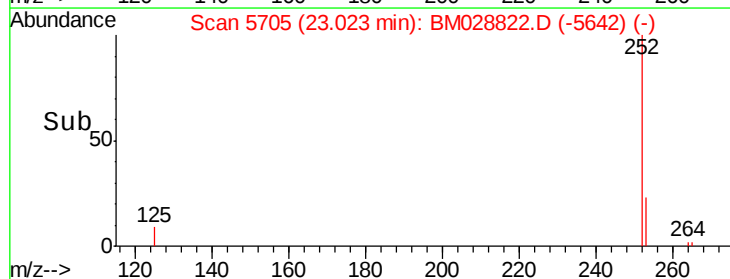
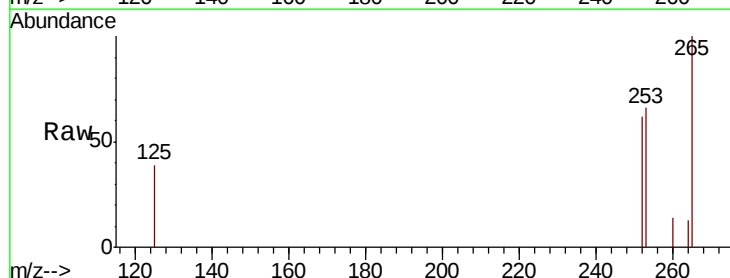
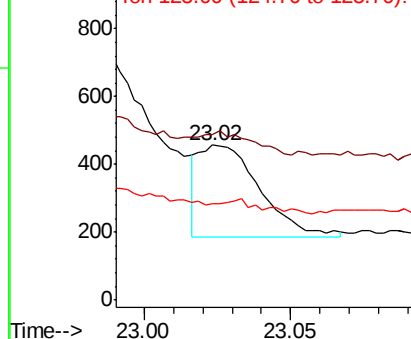
Tgt Ion	Ratio	Lower	Upper
252	100		
253	106.8	26.3	39.5#
125	62.1	22.9	34.3#

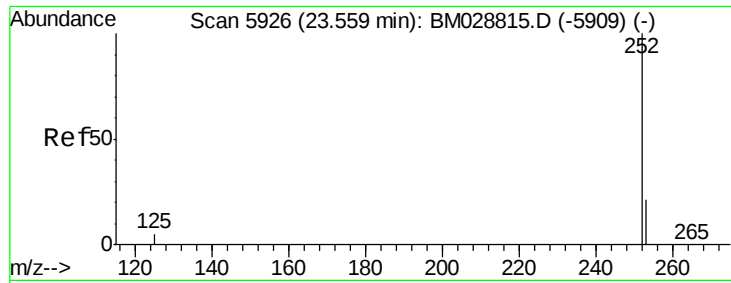
Abundance

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: 0.073 ng/uL

RT: 23.56 min Scan# 5927

Delta R.T. 0.01 min

Lab File: BM028822.D

Acq: 19 Feb 2021 16:26

Instrument :

BNA_M

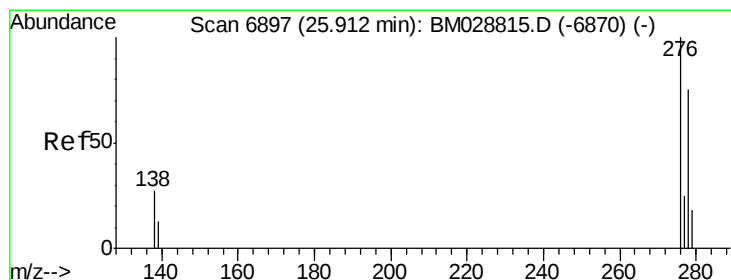
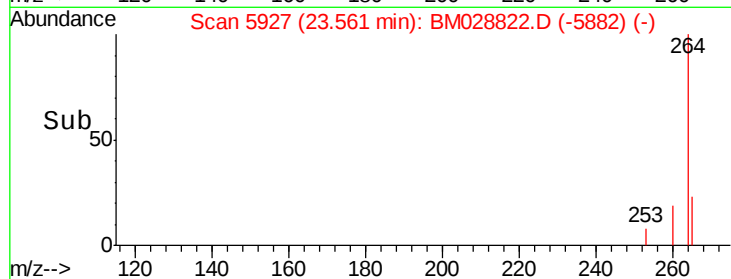
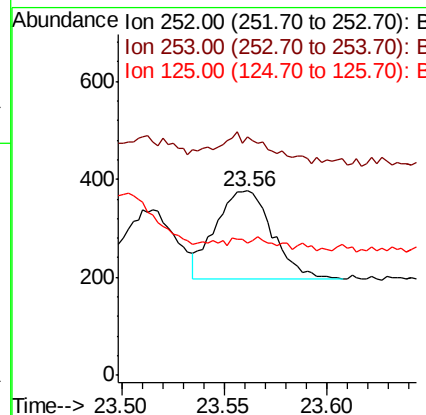
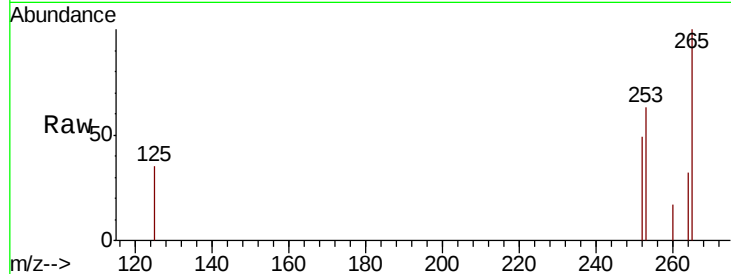
ClientSampleID :

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Tot Ion:	252	Resp:	342
Ion Ratio	Lower	Upper	
252	100		
253	129.2	28.7	43.1#
125	71.9	27.9	41.9#

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#24

Indeno(1,2,3-cd)pyrene

Concen: 0.062 ng/uL

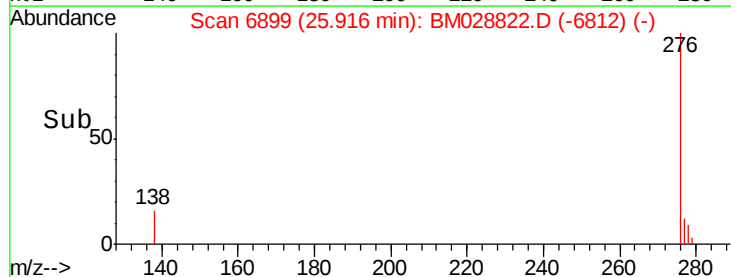
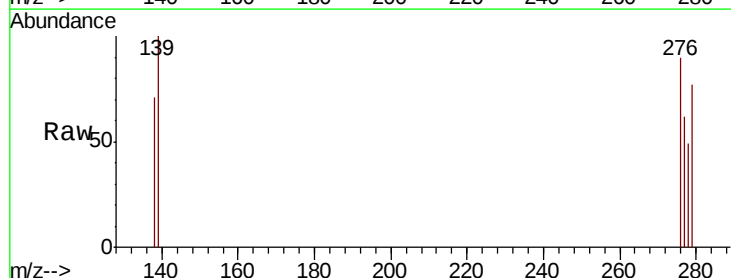
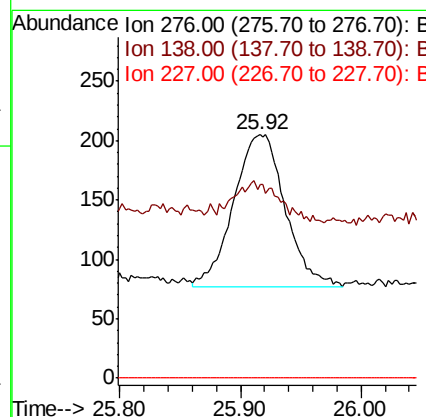
RT: 25.92 min Scan# 6899

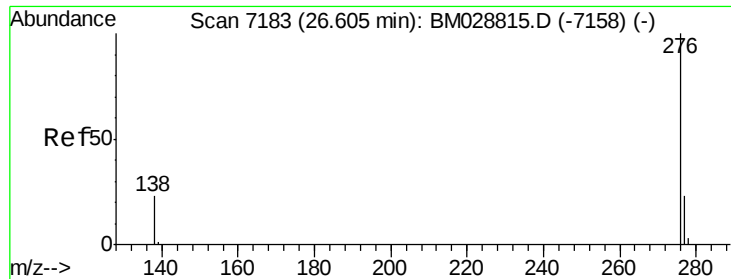
Delta R.T. 0.01 min

Lab File: BM028822.D

Acq: 19 Feb 2021 16:26

Tgt Ion:	276	Resp:	380
Ion Ratio	Lower	Upper	
276	100		
138	22.6	0.0	0.0#
227	0.0	0.0	0.0





#26

Benzo(a,h,i)perylene

Concen: 0.031 ng/ul

RT: 26.61 min Scan# 7185

Delta R.T. 0.01 min

Lab File: BM028822.D

Acq: 19 Feb 2021 16:26

Instrument :

BNA_M

ClientSampleId :

DBGX2

Tot Ion:	276	Resp:	160
Ion Ratio	Lower	Upper	
276	100		
138	111.7	25.4	38.2#
277	94.5	25.3	37.9#

Manual Integrations
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