

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021821\
 Data File : BM028796.D
 Acq On : 18 Feb 2021 14:50
 Operator : CG/JU
 Sample : M1379-11DL 10X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBGZ1DL

Manual Integrations
 APPROVED

mohammad
 2/19/2021 1:19:45 PM

Quant Time: Feb 18 15:22:49 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 : Thu Feb 18 13:03:27 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	453	0.40	ng/ul	0.00
2) Naphthalene-d8	10.70	136	1831	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.54	164	1040	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.28	188	1978	0.40	ng/ul	0.00
16) Chrysene-d12	21.43	240	2051	0.40	ng/ul	0.01
20) Perylene-d12	23.67	264	1874	0.40	ng/ul	0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	58	0.02	ng/ul	0.00
14) Fluoranthene-d10	19.29	212	135	0.03	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.75	128	142	0.031	ng/ul#	21
7) Acenaphthylene	14.27	152	371	0.087	ng/ul#	65
8) Acenaphthene	14.61	153	121	0.036	ng/ul#	89
9) Fluorene	15.59	166	140	0.037	ng/ul#	61
12) Phenanthrene	17.32	178	2898	0.524	ng/ul	98
13) Anthracene	17.41	178	732	0.139	ng/ul#	70
15) Fluoranthene	19.33	202	7031	1.117	ng/ul	96
17) Pyrene	19.69	202	6192	0.831	ng/ul	98
18) Benzo(a)anthracene	21.42	228	3601	0.514	ng/ul#	88
19) Chrysene	21.47	228	3766	0.541	ng/ul#	84
21) Benzo(b)fluoranthene	23.00	252	5284m	0.824	ng/ul	
22) Benzo(k)fluoranthene	23.03	252	1645m	0.257	ng/ul	
23) Benzo(a)pyrene	23.57	252	3008	0.527	ng/ul#	80
24) Indeno(1,2,3-cd)pyrene	25.93	276	2218	0.298	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.93	278	611	0.098	ng/ul#	1
26) Benzo(a,h,i)perylene	26.62	276	1973	0.319	ng/ul#	85

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

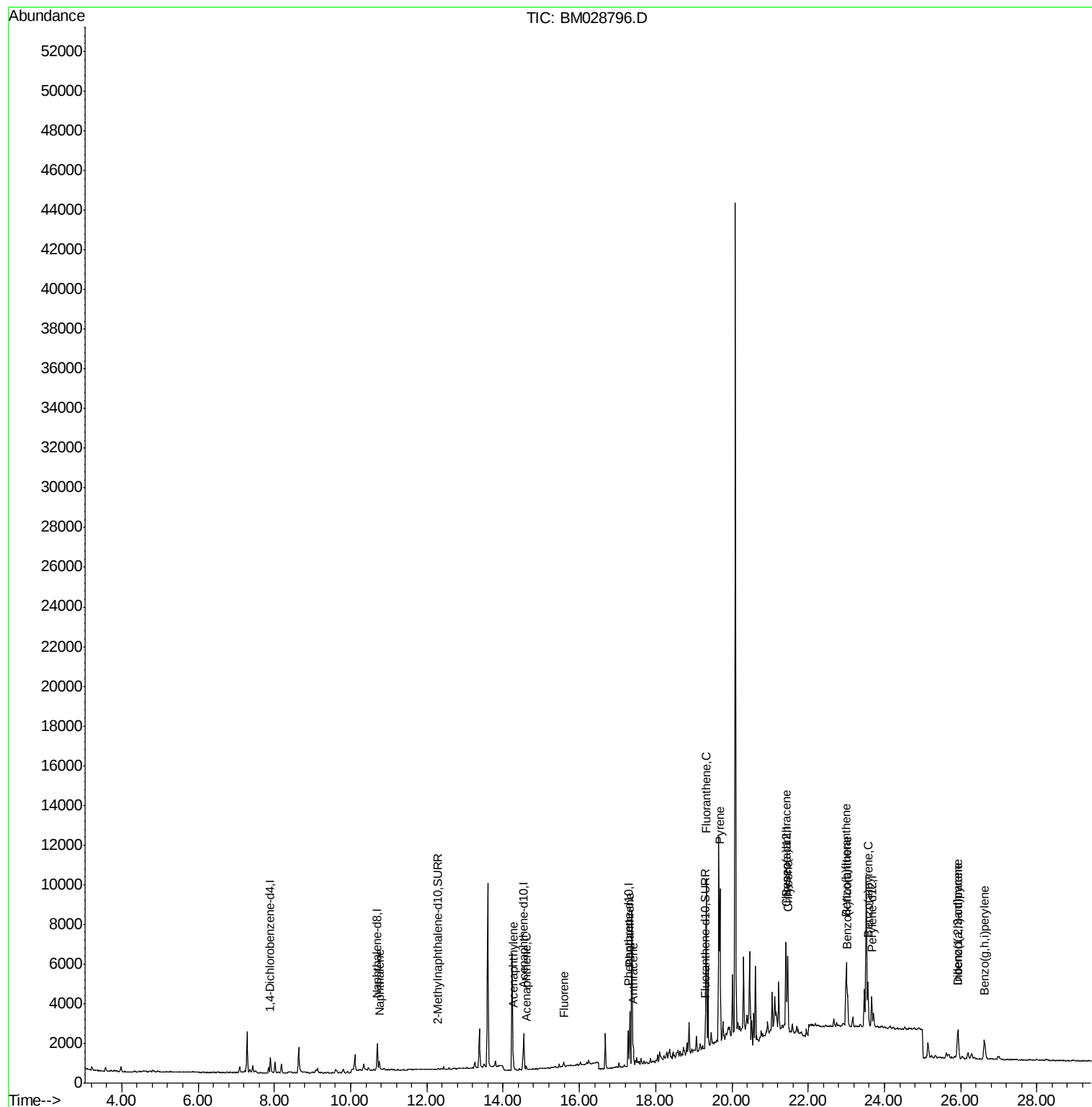
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021821\
Data File : BM028796.D
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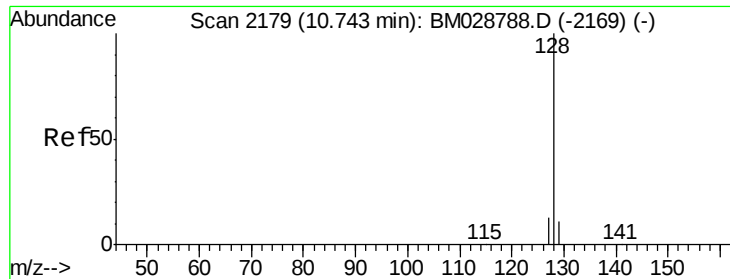
Instrument :
BNA_M
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Quant Time: Feb 18 15:22:49 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM020521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 18 13:03:27 2021
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.031 ng/ul

RT: 10.75 min Scan# 2181

Delta R.T. 0.01 min

Lab File: BM028796.D

Acq: 18 Feb 2021 14:50

Instrument :

BNA_M

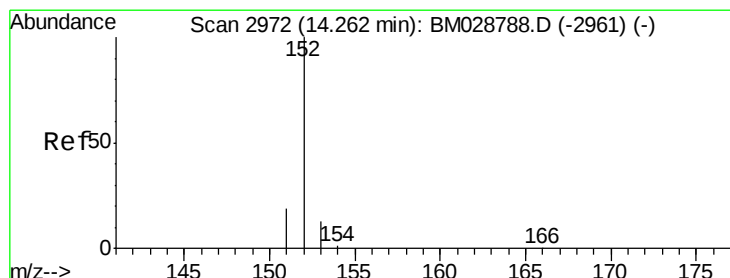
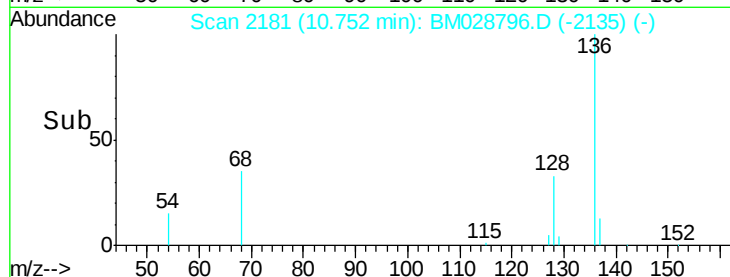
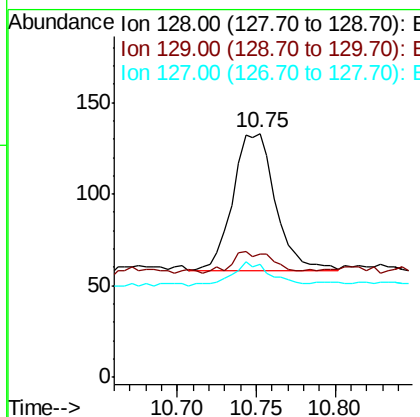
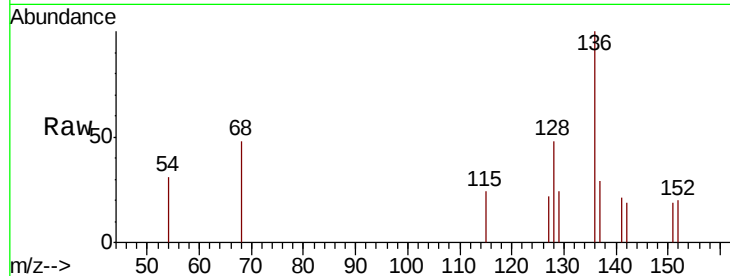
ClientSampleId :

DBGZ1DL

Tot Ion:	128	Resp:	142
Ion	Ratio	Lower	Upper
128	100		
129	50.4	11.4	17.2#
127	46.6	13.0	19.6#

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#7

Acenaphthylene

Concen: 0.087 ng/ul

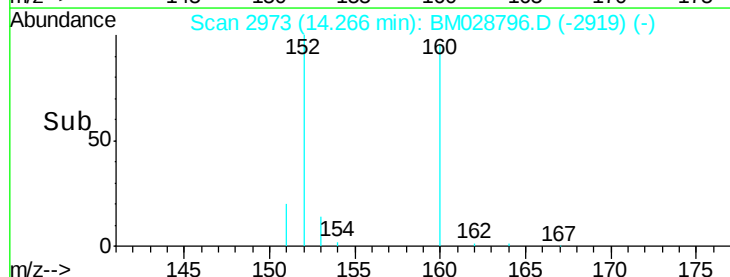
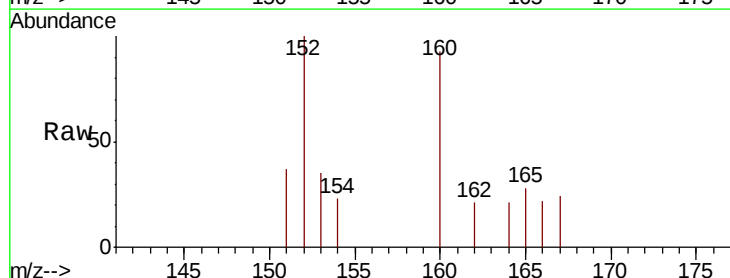
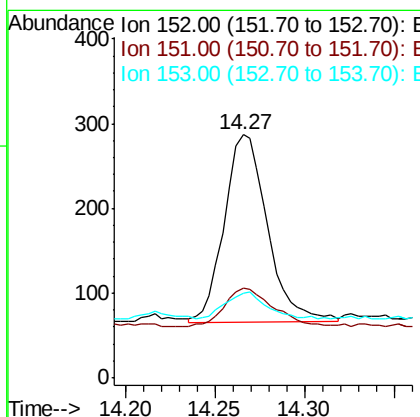
RT: 14.27 min Scan# 2973

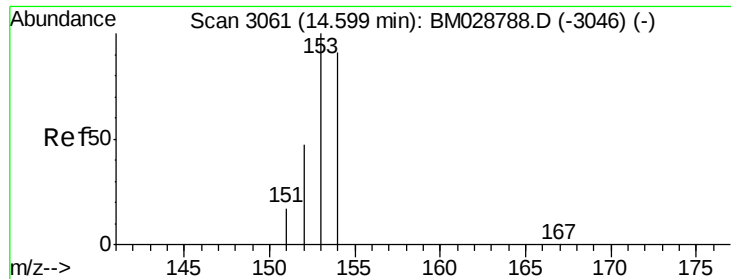
Delta R.T. 0.00 min

Lab File: BM028796.D

Acq: 18 Feb 2021 14:50

Tgt Ion:	152	Resp:	371
Ion	Ratio	Lower	Upper
152	100		
151	36.9	18.0	27.0#
153	34.8	13.4	20.0#





#8

Acenaphthene

Concen: 0.036 ng/ul

RT: 14.61 min Scan# 3063

Delta R.T. 0.01 min

Lab File: BM028796.D

Acq: 18 Feb 2021 14:50

Instrument :

BNA_M

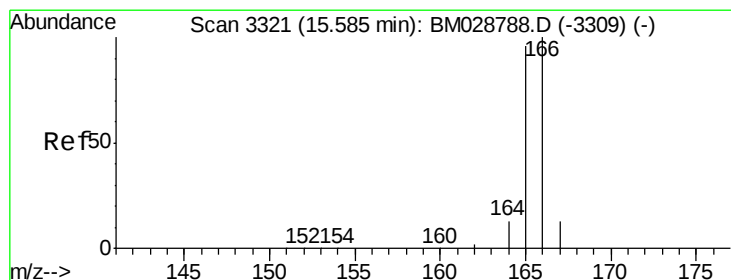
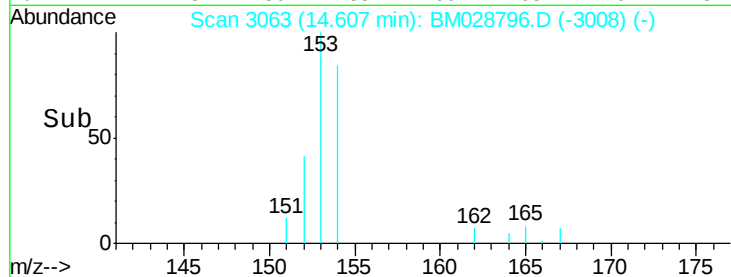
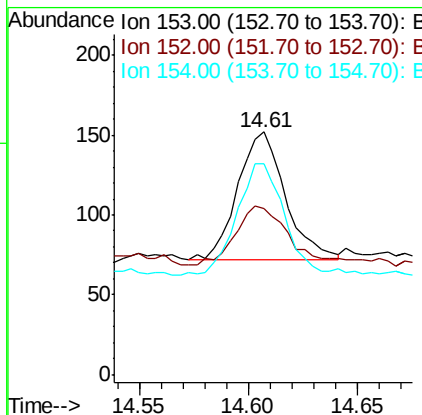
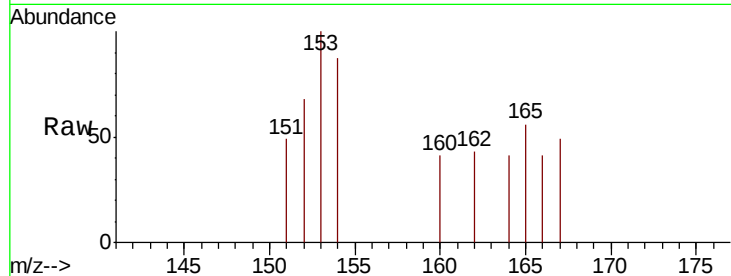
ClientSampleId :

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Tot Ion:	153	Resp:	121
Ion	Ratio	Lower	Upper
153	100		
152	68.4	39.6	59.4#
154	86.8	70.3	105.5

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#9

Fluorene

Concen: 0.037 ng/ul

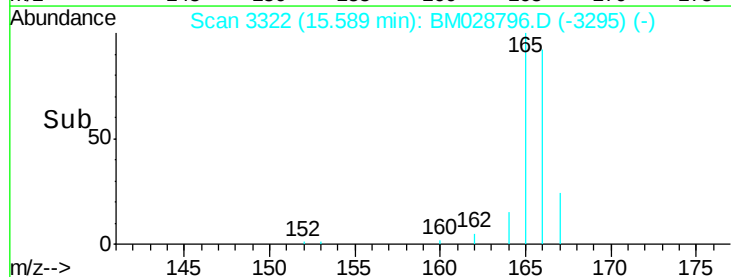
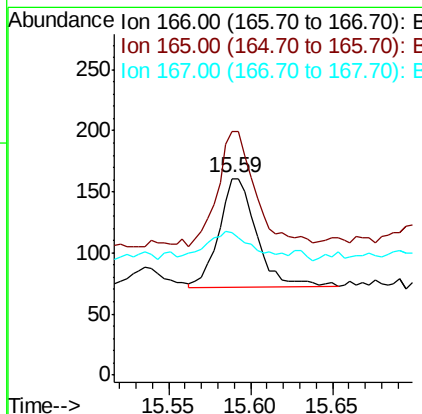
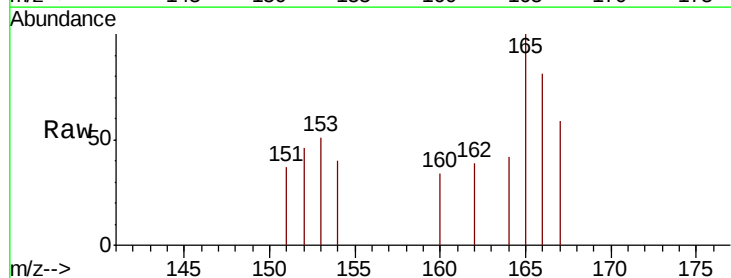
RT: 15.59 min Scan# 3322

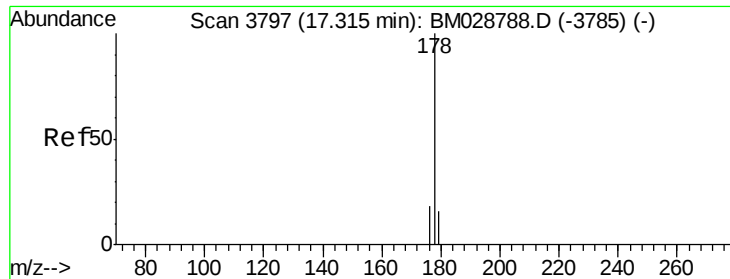
Delta R.T. 0.00 min

Lab File: BM028796.D

Acq: 18 Feb 2021 14:50

Tgt Ion:	166	Resp:	140
Ion	Ratio	Lower	Upper
166	100		
165	123.6	79.6	119.4#
167	72.7	13.9	20.9#





#12

Phenanthrene

Concen: 0.524 ng/ul

RT: 17.32 min Scan# 3799

Delta R.T. 0.01 min

Lab File: BM028796.D

Acq: 18 Feb 2021 14:50

Instrument :

BNA_M

ClientSampleId :

DBGZ1DL

Tot Ion:178 Resp: 2898

Ion Ratio Lower Upper

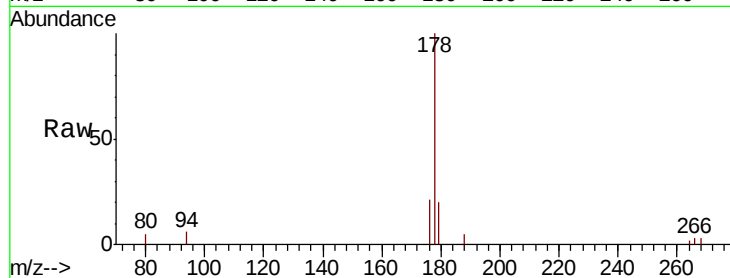
178 100

179 20.1 14.7 22.1

176 21.1 16.7 25.1

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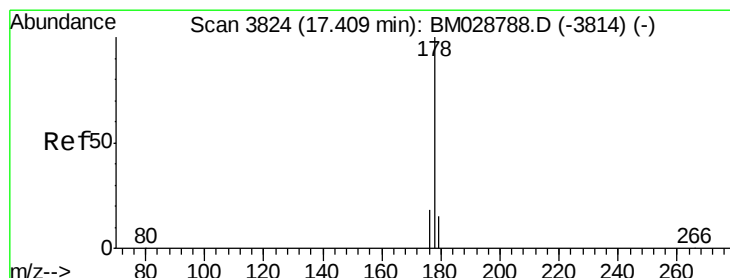
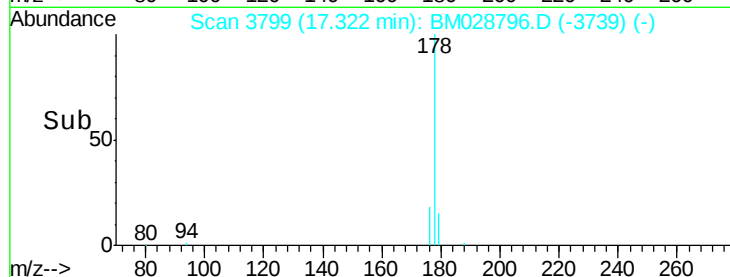
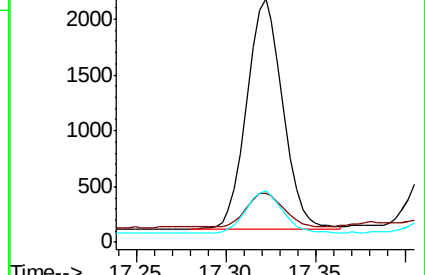
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#13

Anthracene

Concen: 0.139 ng/ul

RT: 17.41 min Scan# 3825

Delta R.T. 0.00 min

Lab File: BM028796.D

Acq: 18 Feb 2021 14:50

Tgt Ion:178 Resp: 732

Ion Ratio Lower Upper

178 100

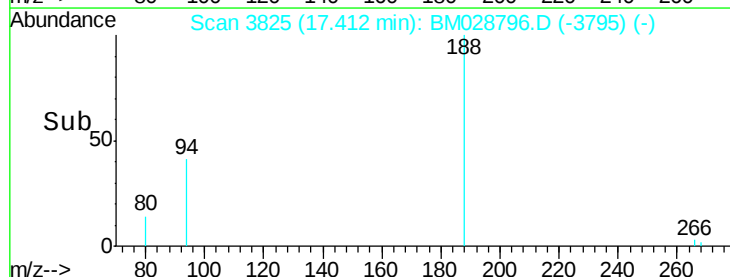
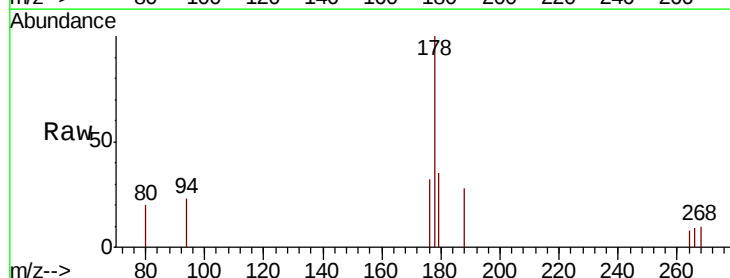
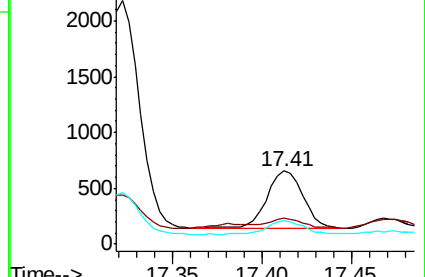
179 34.8 15.0 22.4#

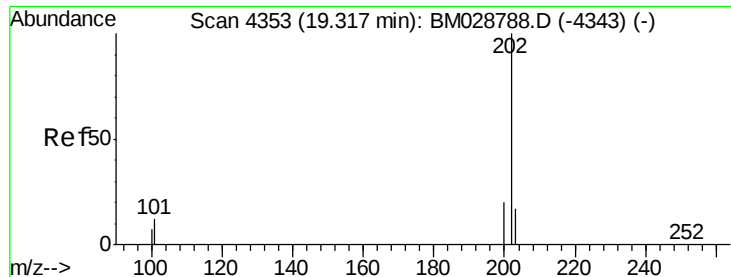
176 31.9 16.6 24.8#

Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#15

Fluoranthene

Concen: 1.117 ng/ul

RT: 19.33 min Scan# 4355

Delta R.T. 0.01 min

Lab File: BM028796.D

Acq: 18 Feb 2021 14:50

Instrument :

BNA_M

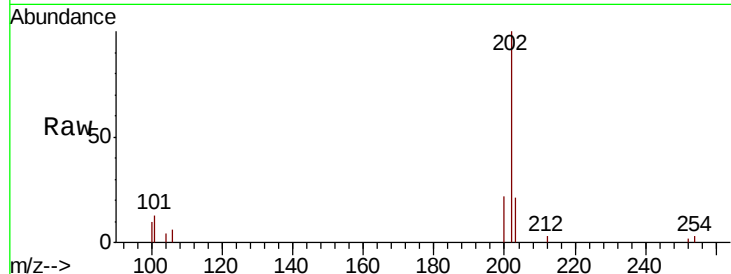
ClientSampleId :

DBGZ1DL

Tot Ion:	202	Resp:	7031
Ion Ratio	Lower	Upper	
202	100		
101	13.0	0.0	34.5
100	10.0	0.0	31.7

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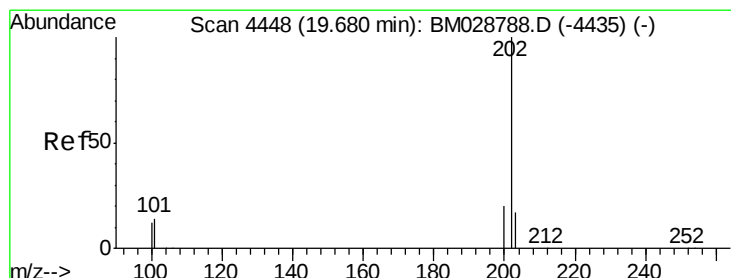
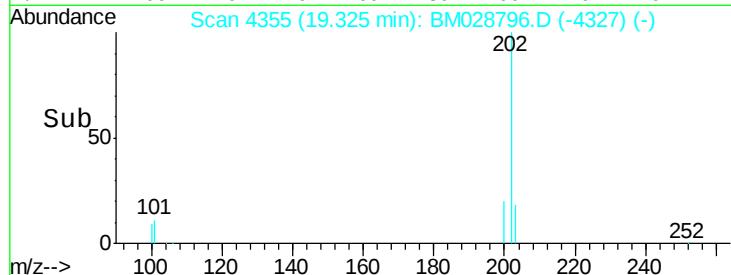
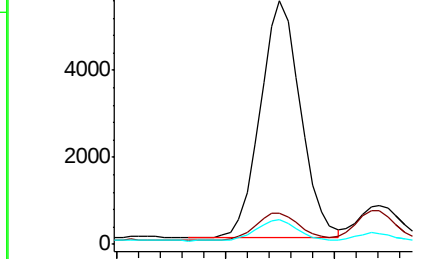
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#17

Pyrene

Concen: 0.831 ng/ul

RT: 19.69 min Scan# 4450

Delta R.T. 0.01 min

Lab File: BM028796.D

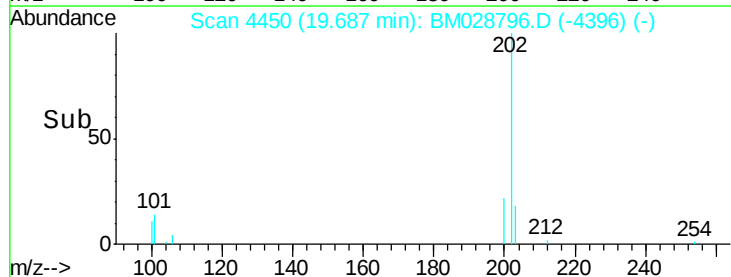
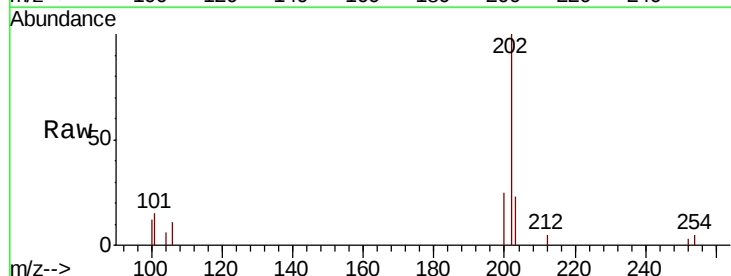
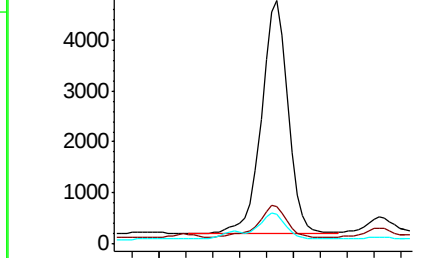
Acq: 18 Feb 2021 14:50

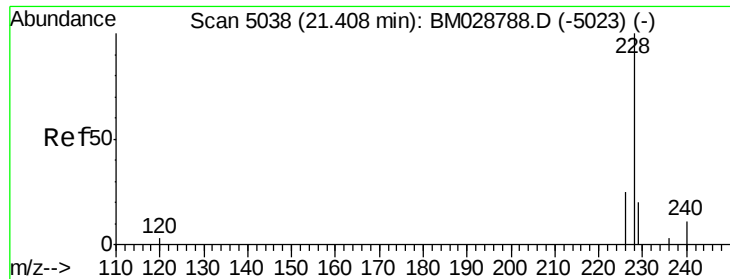
Tgt Ion:	202	Resp:	6192
Ion Ratio	Lower	Upper	
202	100		
101	15.3	12.7	19.1
100	12.2	10.2	15.4

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





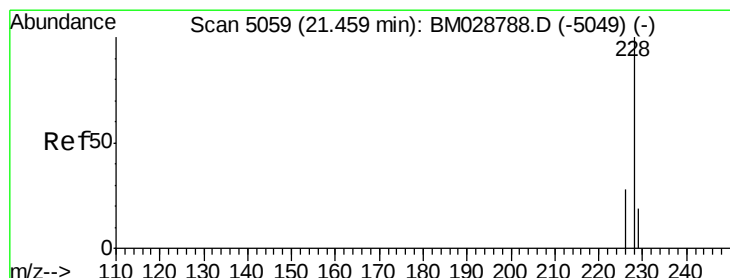
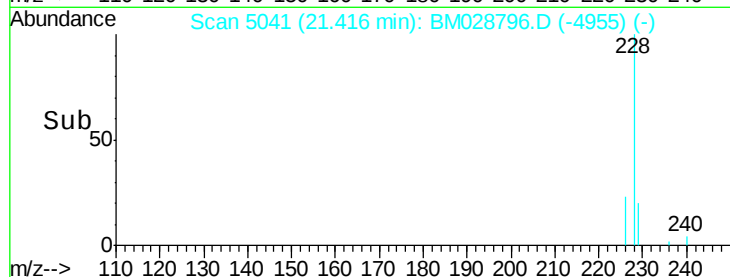
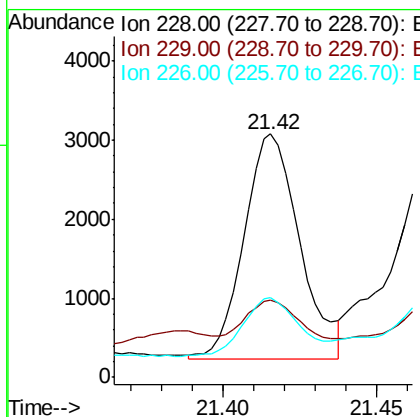
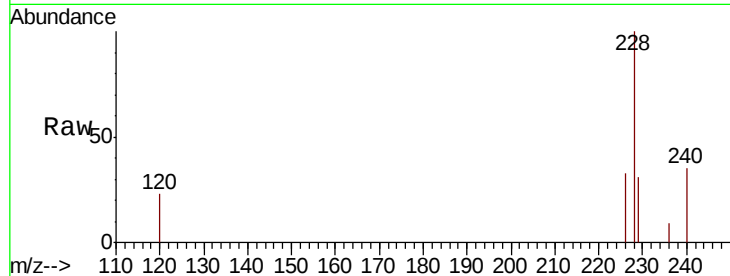
#18
Benzo(a)anthracene
Concen: 0.514 ng/ul
RT: 21.42 min Scan# 5041
Delta R.T. 0.01 min
Lab File: BM028796.D
Acq: 18 Feb 2021 14:50

Instrument :
BNA_M
ClientSampleId :
DBGZ1DL

Tot Ion	Ratio	Lower	Upper
228	100		
229	31.5	18.9	28.3#
226	32.6	22.6	34.0

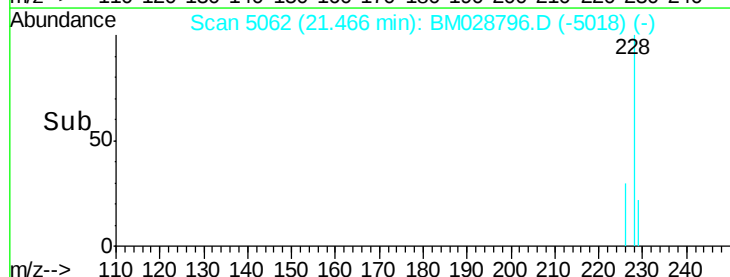
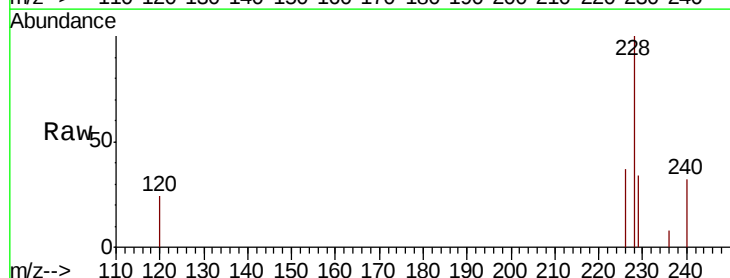
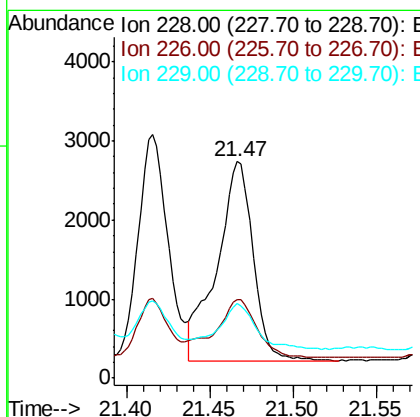
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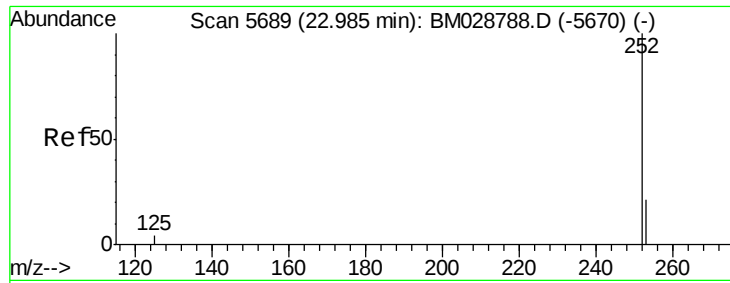
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#19
Chrysene
Concen: 0.541 ng/ul
RT: 21.47 min Scan# 5062
Delta R.T. 0.01 min
Lab File: BM028796.D
Acq: 18 Feb 2021 14:50

Tgt Ion	Ratio	Lower	Upper
228	100		
226	36.5	24.6	37.0
229	34.3	18.8	28.2#





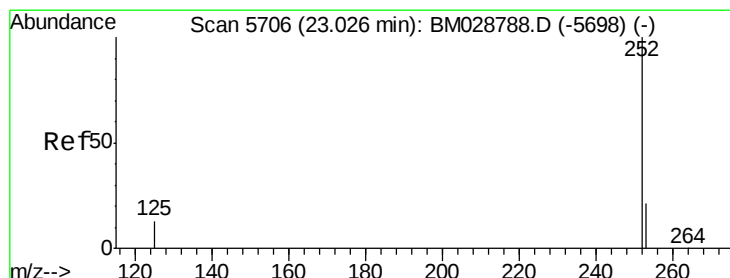
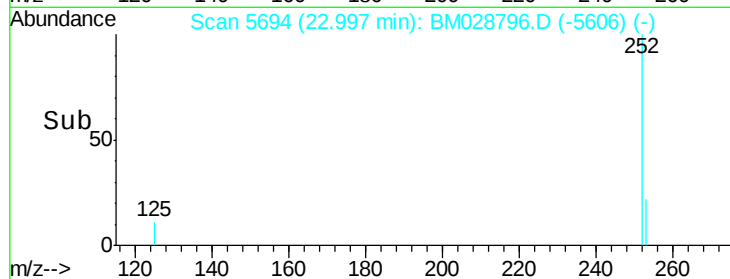
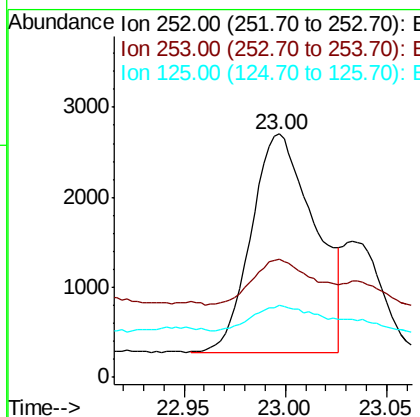
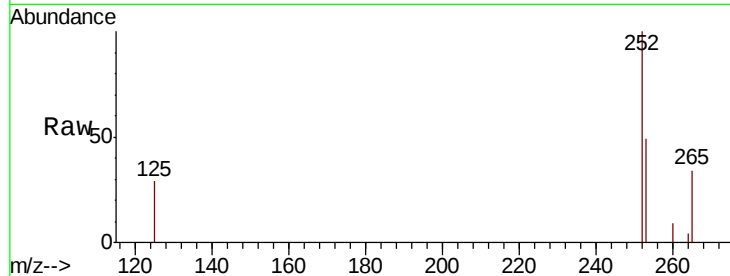
#21
Benzo(b)fluoranthene
Concen: 0.824 ng/ul m
RT: 23.00 min Scan# 5694
Delta R.T. 0.01 min
Lab File: BM028796.D
Acq: 18 Feb 2021 14:50

Instrument :
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ClientSampleId :
DBGZ1DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	48.6	0.0	67.0
125	29.4	0.0	57.4

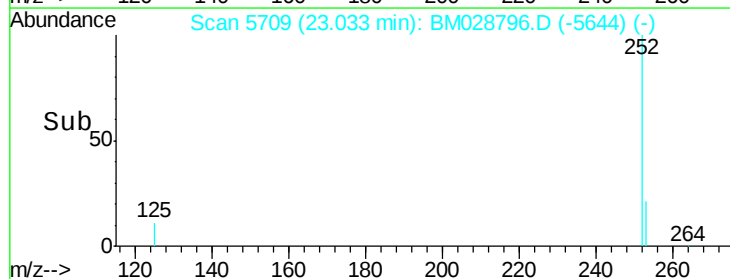
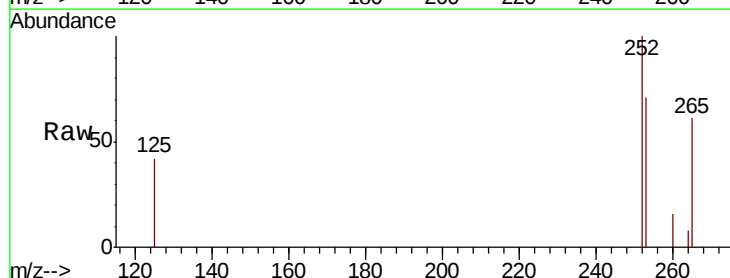
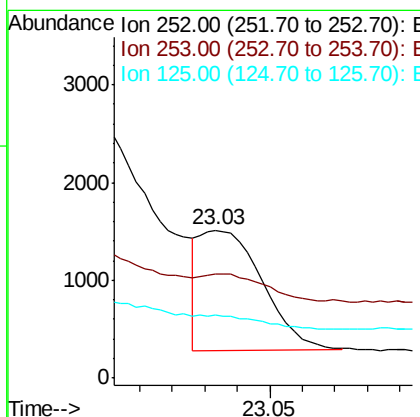
Manual Integrations
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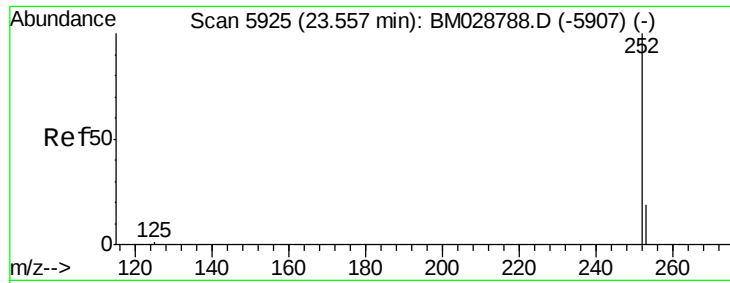
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#22
Benzo(k)fluoranthene
Concen: 0.257 ng/ul m
RT: 23.03 min Scan# 5709
Delta R.T. 0.01 min
Lab File: BM028796.D
Acq: 18 Feb 2021 14:50

Tgt Ion	Ratio	Lower	Upper
252	100		
253	70.7	26.3	39.5#
125	42.3	22.9	34.3#





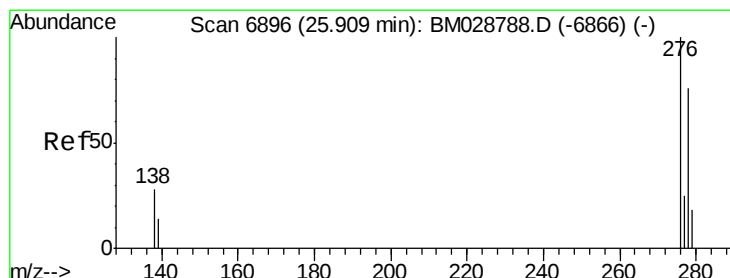
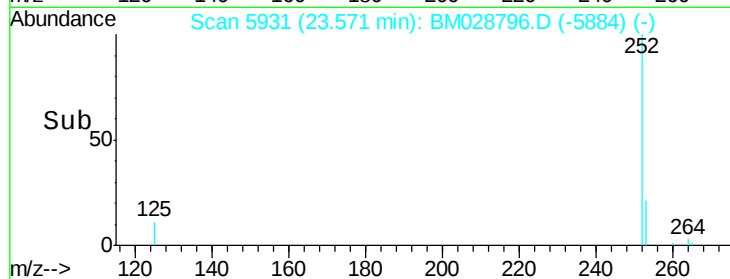
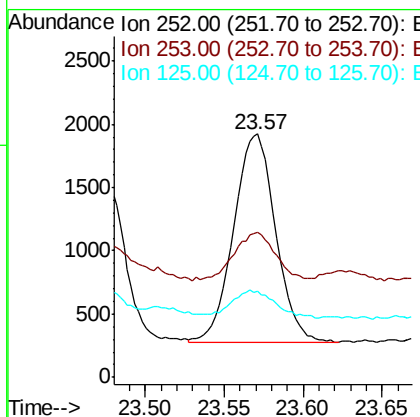
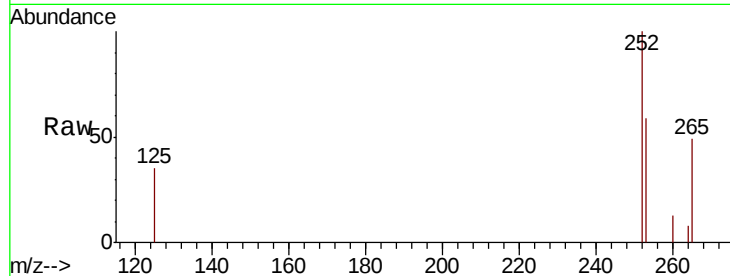
#23
Benzo(a)pyrene
Concen: 0.527 ng/ul
RT: 23.57 min Scan# 5931
Delta R.T. 0.01 min
Lab File: BM028796.D
Acq: 18 Feb 2021 14:50

Instrument :
BNA_M
ClientSampleID :
DBGZ1DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	59.3	28.7	43.1#
125	35.2	27.9	41.9

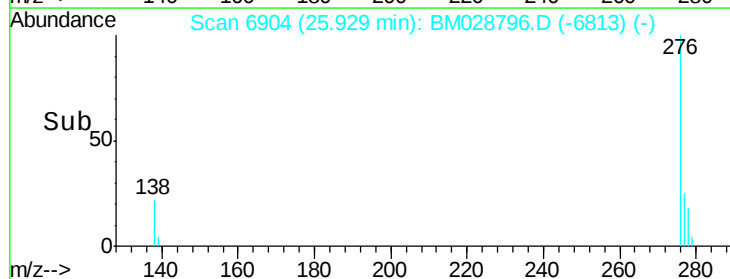
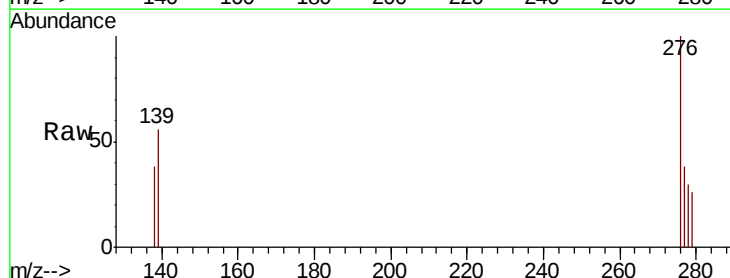
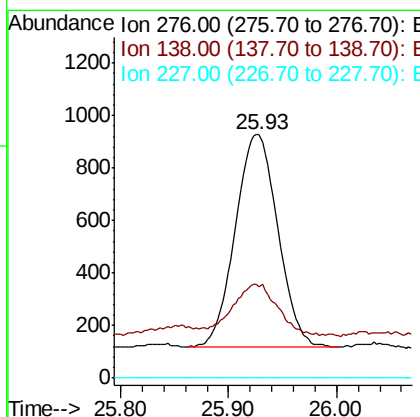
Manual Integrations
APPROVED

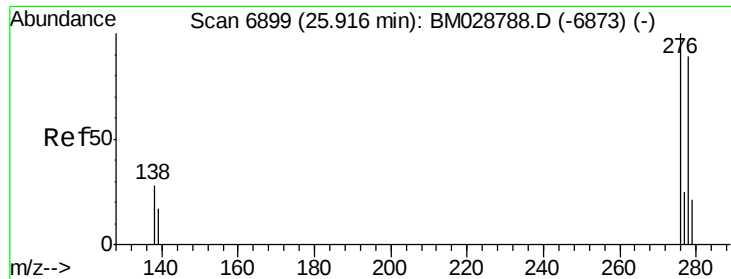
mohammad
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#24
Indeno(1,2,3-cd)pyrene
Concen: 0.298 ng/ul
RT: 25.93 min Scan# 6904
Delta R.T. 0.02 min
Lab File: BM028796.D
Acq: 18 Feb 2021 14:50

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.8	0.0	0.0#
227	0.0	0.0	0.0





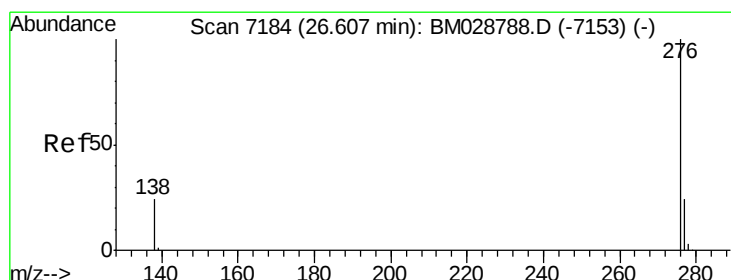
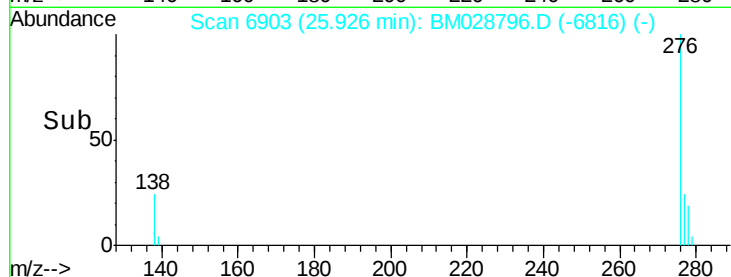
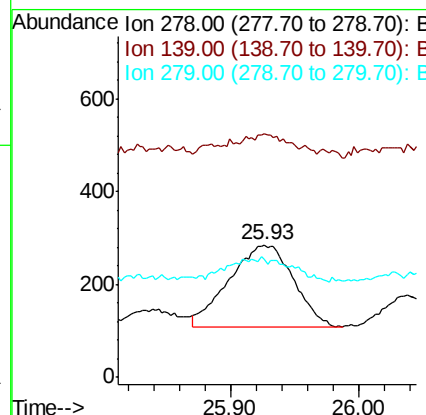
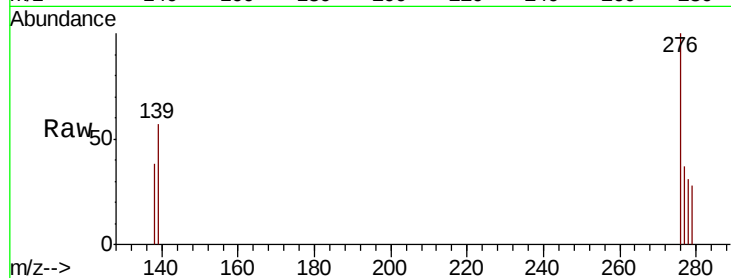
#25
Dibenzo(a,h)anthracene
Concen: 0.098 ng/ul
RT: 25.93 min Scan# 6903
Delta R.T. 0.01 min
Lab File: BM028796.D
Acq: 18 Feb 2021 14:50

Instrument :
BNA_M
ClientSampleId :
DBGZ1DL

Tot Ion	Ratio	Lower	Upper
278	100		
139	184.2	24.9	37.3#
279	89.8	28.3	42.5#

Manual Integrations
APPROVED

mohammad
2/19/2021 1:19:45 PM



#26
Benzo(g,h,i)perylene
Concen: 0.319 ng/ul
RT: 26.62 min Scan# 7191
Delta R.T. 0.02 min
Lab File: BM028796.D
Acq: 18 Feb 2021 14:50

Tgt Ion	Ratio	Lower	Upper
276	100		
138	41.1	25.4	38.2#
277	39.1	25.3	37.9#

