

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021021\
 Data File : BM028704.D
 Acq On : 10 Feb 2021 15:04
 Operator : CG/JU
 Sample : M1310-13
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0A58

Manual Integrations
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mohammad
 2/11/2021 9:46:56 AM

Quant Time: Feb 10 15:35:46 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 : Wed Feb 10 14:28:04 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	500	0.40	ng/ul	0.00
2) Naphthalene-d8	10.70	136	2004	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.55	164	1072	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.28	188	2035	0.40	ng/ul	0.00
16) Chrysene-d12	21.43	240	1797	0.40	ng/ul	0.00
20) Perylene-d12	23.66	264	1769	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	595	0.21	ng/ul	0.00
14) Fluoranthene-d10	19.29	212	1112	0.21	ng/ul	0.00
Target Compounds				Ovalue		
5) 2-Methylnaphthalene	12.37	142	87	0.026	ng/ul	94
12) Phenanthrene	17.32	178	377	0.066	ng/ul#	77
15) Fluoranthene	19.33	202	483	0.075	ng/ul	69
17) Pyrene	19.68	202	434	0.066	ng/ul#	69
18) Benzo(a)anthracene	21.41	228	210	0.034	ng/ul#	63
19) Chrysene	21.46	228	267	0.044	ng/ul#	63
21) Benzo(b)fluoranthene	22.99	252	308m	0.051	ng/ul	
22) Benzo(k)fluoranthene	23.03	252	156m	0.026	ng/ul	
23) Benzo(a)pyrene	23.56	252	197	0.037	ng/ul#	7
24) Indeno(1,2,3-cd)pyrene	25.91	276	153	0.022	ng/ul#	100
26) Benzo(g,h,i)perylene	26.62	276	162	0.028	ng/ul#	27

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

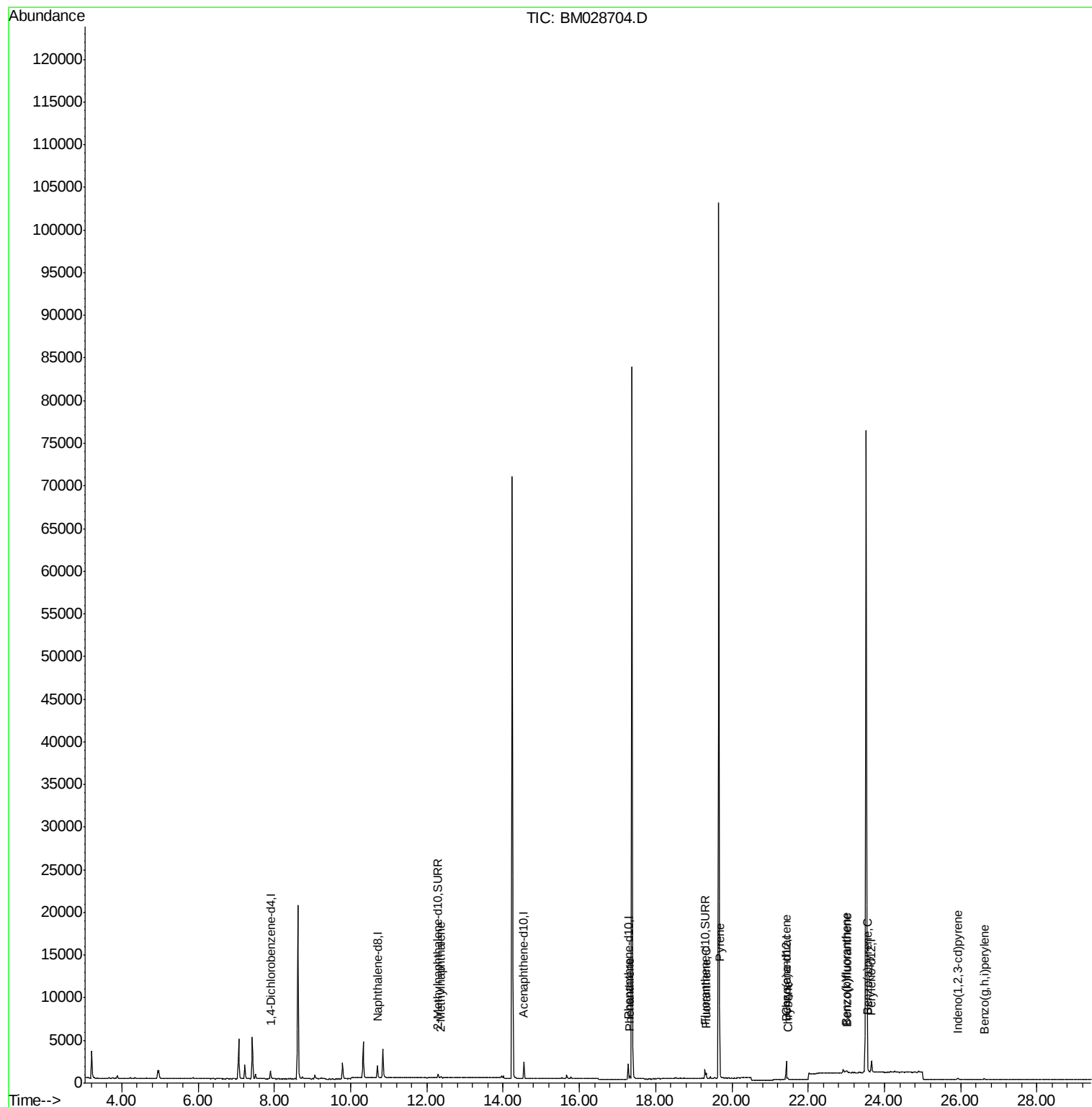
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021021\
Data File : BM028704.D
Acq On : 10 Feb 2021 15:04
Operator : CG/JU
Sample : M1310-13
Misc :
ALS Vial : 4 Sample Multiplier: 1

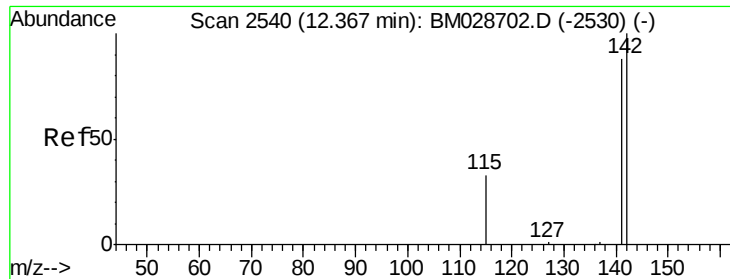
Instrument :
BNA_M
ClientSampleId :
C0A58

Quant Time: Feb 10 15:35:46 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM020521.M
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#5

2-Methylnaphthalene

Concen: 0.026 ng/ul

RT: 12.37 min Scan# 2541

Delta R.T. 0.00 min

Lab File: BM028704.D

Acq: 10 Feb 2021 15:04

Instrument :

BNA_M

ClientSampleId :

C0A58

Tot Ion:142 Resp: 87

Ion Ratio Lower Upper

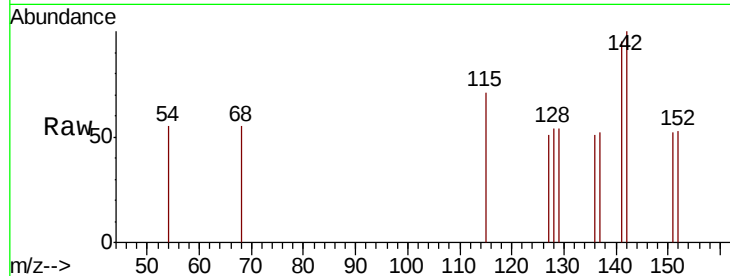
142 100

141 85.1 72.2 108.4

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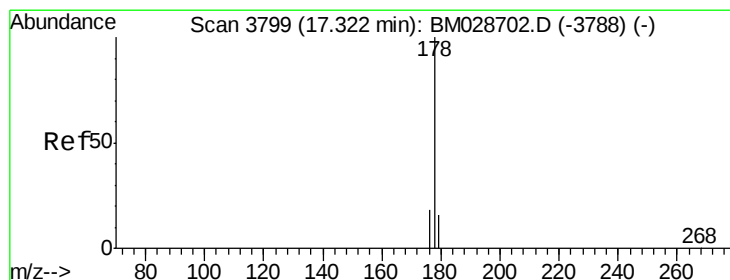
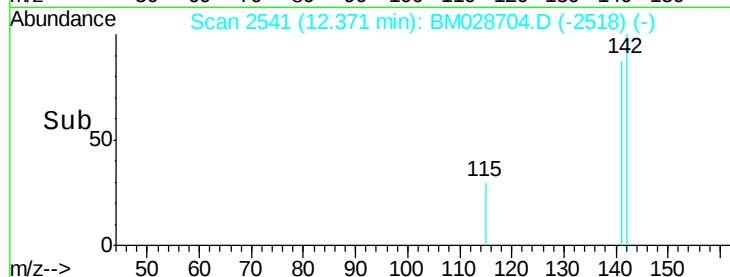
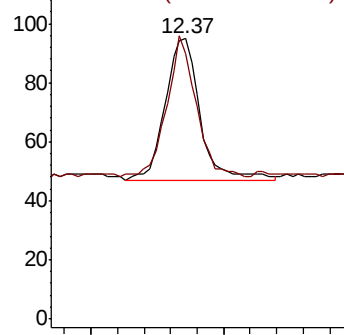
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Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E



#12

Phenanthrene

Concen: 0.066 ng/ul

RT: 17.32 min Scan# 3799

Delta R.T. -0.00 min

Lab File: BM028704.D

Acq: 10 Feb 2021 15:04

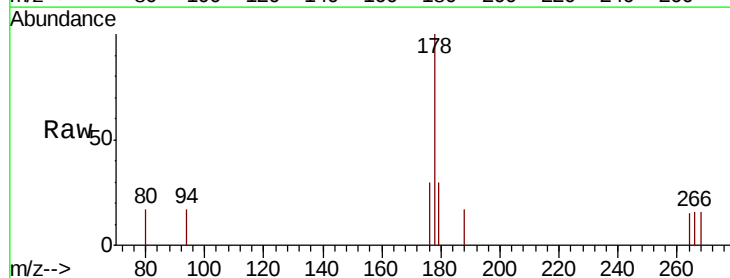
Tgt Ion:178 Resp: 377

Ion Ratio Lower Upper

178 100

179 30.1 14.7 22.1#

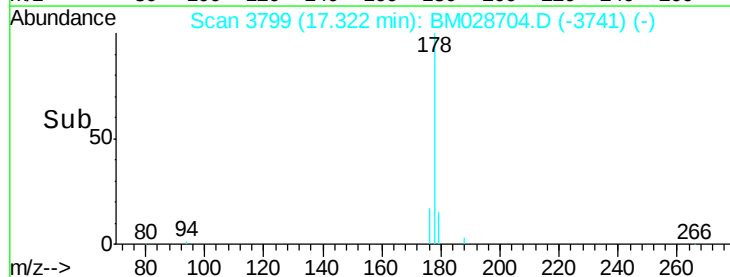
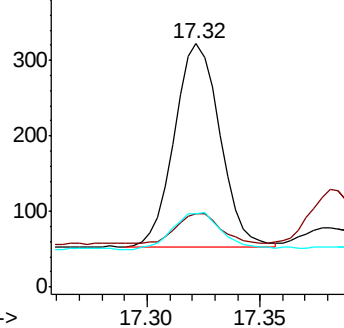
176 30.1 16.7 25.1#

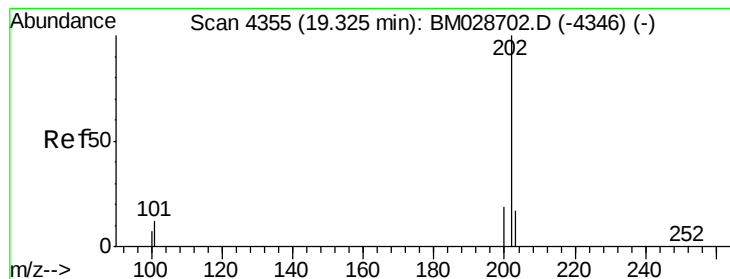


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#15

Fluoranthene

Concen: 0.075 ng/ul

RT: 19.33 min Scan# 4355

Delta R.T. 0.00 min

Lab File: BM028704.D

Acq: 10 Feb 2021 15:04

Instrument :

BNA_M

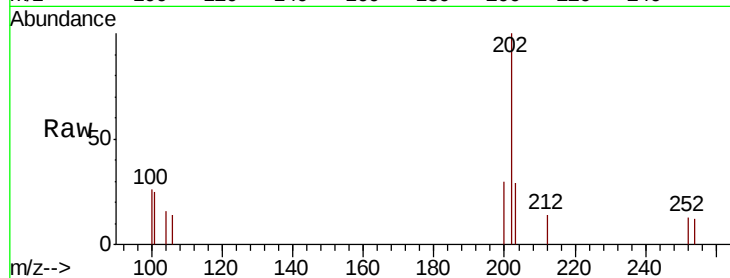
ClientSampleId :

C0A58

Tot Ion:	202	Resp:	483
Ion Ratio	Lower	Upper	
202	100		
101	25.1	0.0	34.5
100	26.0	0.0	31.7

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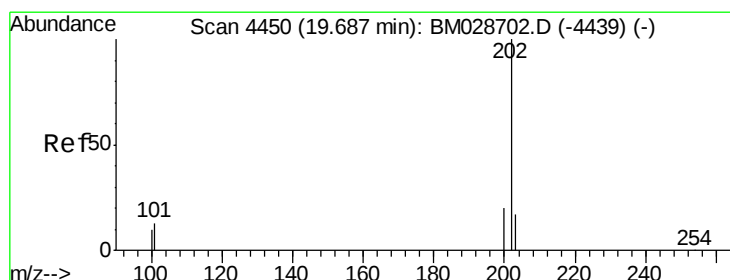
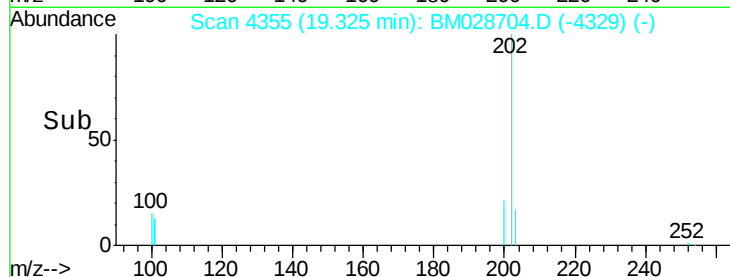
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

19.33

Time-->



#17

Pyrene

Concen: 0.066 ng/ul

RT: 19.68 min Scan# 4449

Delta R.T. -0.00 min

Lab File: BM028704.D

Acq: 10 Feb 2021 15:04

Tgt Ion:	202	Resp:	434
Ion Ratio	Lower	Upper	
202	100		
101	28.3	12.7	19.1#
100	26.0	10.2	15.4#

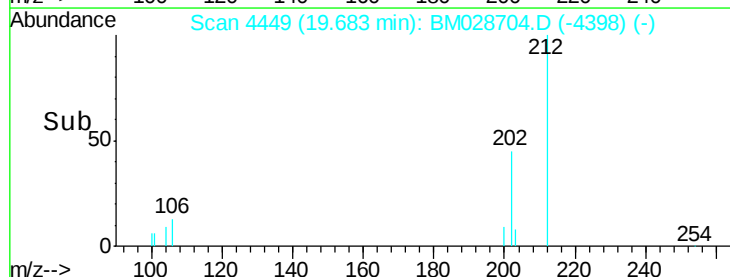
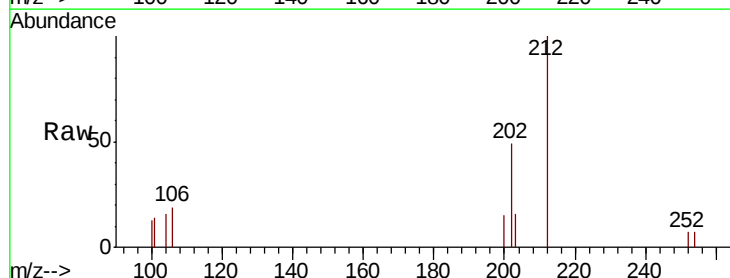
Abundance Ion 202.00 (201.70 to 202.70): E

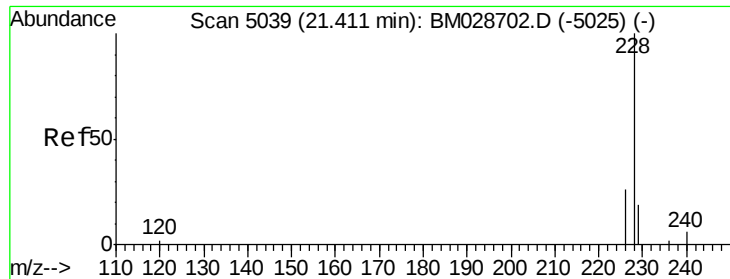
Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

19.68

Time-->





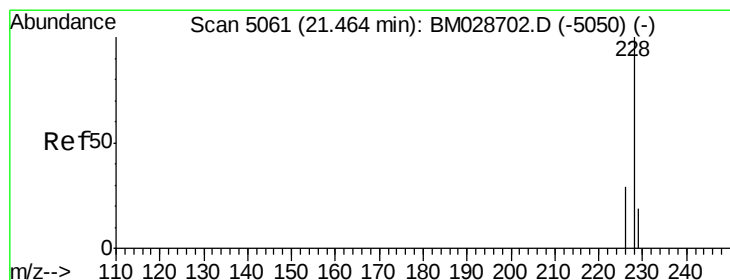
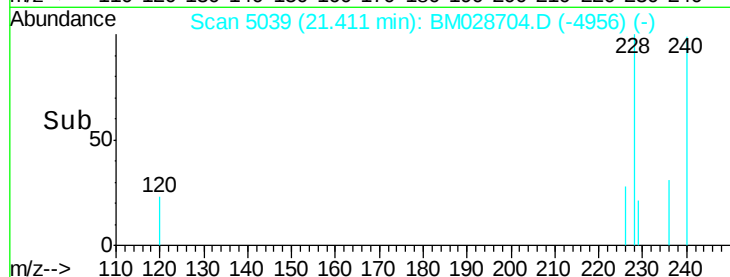
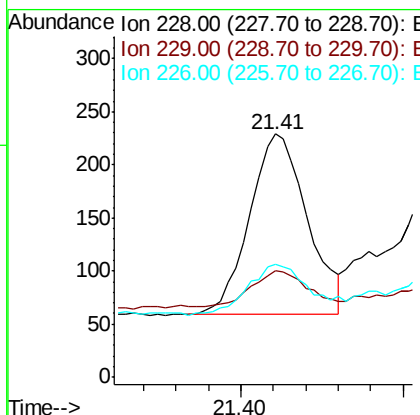
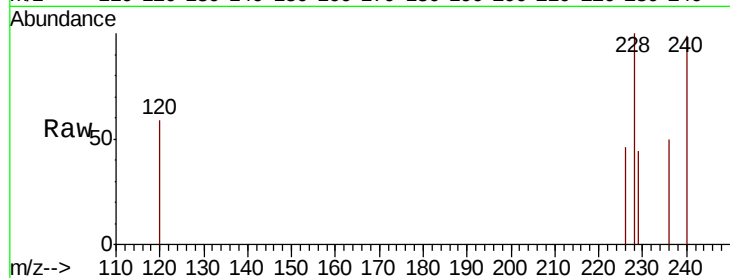
#18
Benzo(a)anthracene
Concen: 0.034 ng/ul
RT: 21.41 min Scan# 5039
Delta R.T. 0.00 min
Lab File: BM028704.D
Acq: 10 Feb 2021 15:04

Instrument :
BNA_M
ClientSampled :
C0A58

Tot Ion	Ratio	Lower	Upper
228	100		
229	43.7	18.9	28.3#
226	46.3	22.6	34.0#

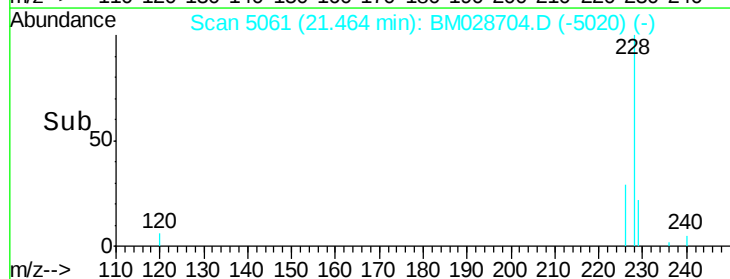
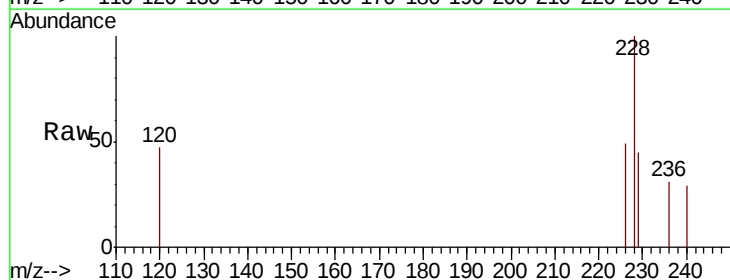
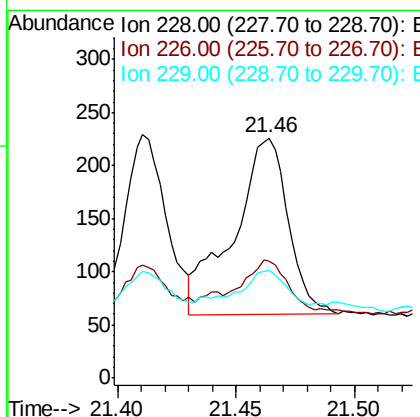
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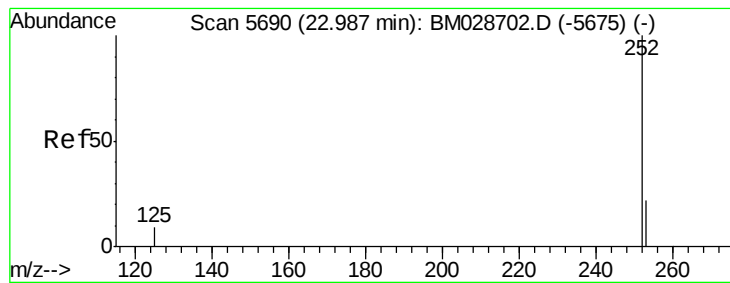
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#19
Chrysene
Concen: 0.044 ng/ul
RT: 21.46 min Scan# 5061
Delta R.T. -0.00 min
Lab File: BM028704.D
Acq: 10 Feb 2021 15:04

Tgt Ion	Ratio	Lower	Upper
228	100		
226	48.7	24.6	37.0#
229	44.7	18.8	28.2#





#21

Benzo(b)fluoranthene

Concen: 0.051 ng/ul m

RT: 22.99 min Scan# 5691

Delta R.T. 0.00 min

Lab File: BM028704.D

Acq: 10 Feb 2021 15:04

Instrument :

BNA_M

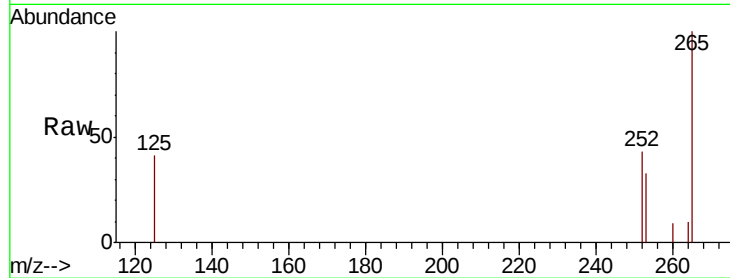
ClientSampleId :

C0A58

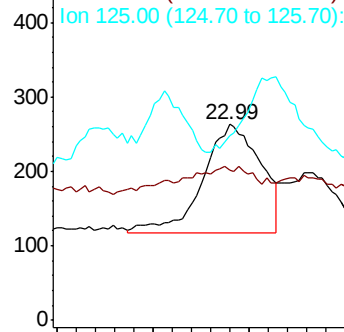
Tot Ion:	252	Resp:	308
Ion Ratio	Lower	Upper	
252	100		
253	76.4	0.0	67.0#
125	94.7	0.0	57.4#

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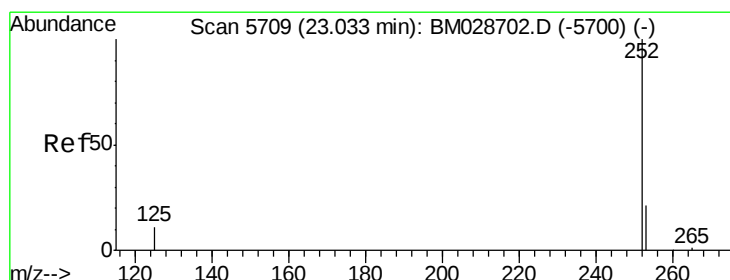
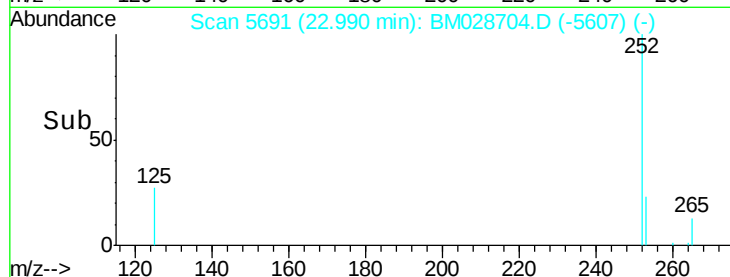
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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



Time--> 22.90 22.95 23.00



#22

Benzo(k)fluoranthene

Concen: 0.026 ng/ul m

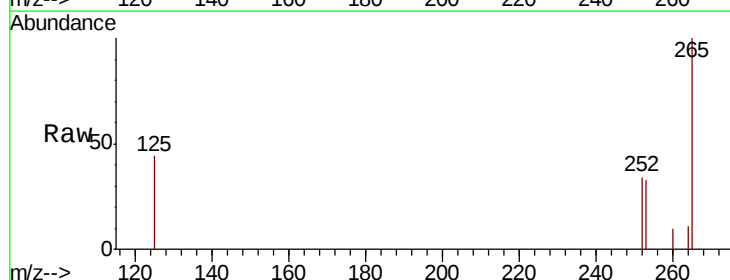
RT: 23.03 min Scan# 5707

Delta R.T. -0.00 min

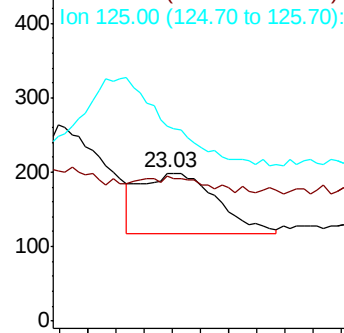
Lab File: BM028704.D

Acq: 10 Feb 2021 15:04

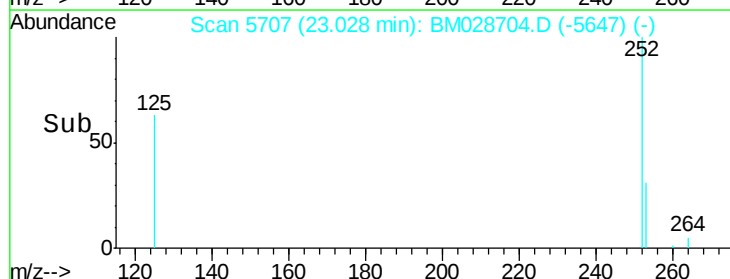
Tgt Ion:	252	Resp:	156
Ion Ratio	Lower	Upper	
252	100		
253	97.5	26.3	39.5#
125	131.7	22.9	34.3#

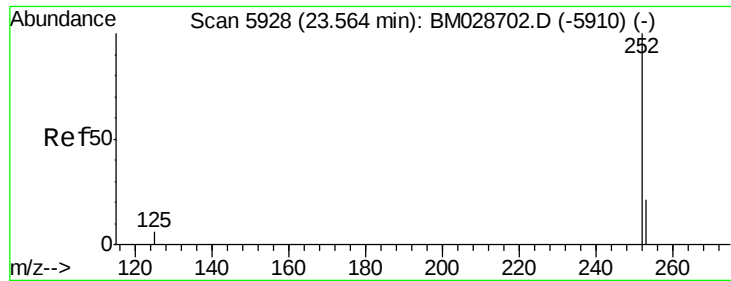


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



Time--> 23.00 23.05





#23

Benzo(a)pyrene

Concen: 0.037 ng/u1

RT: 23.56 min Scan# 5928

Delta R.T. -0.00 min

Lab File: BM028704.D

Acq: 10 Feb 2021 15:04

Instrument :

BNA_M

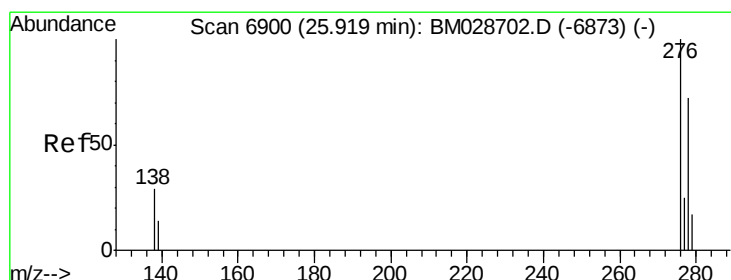
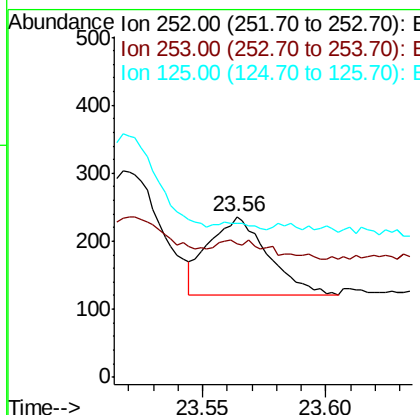
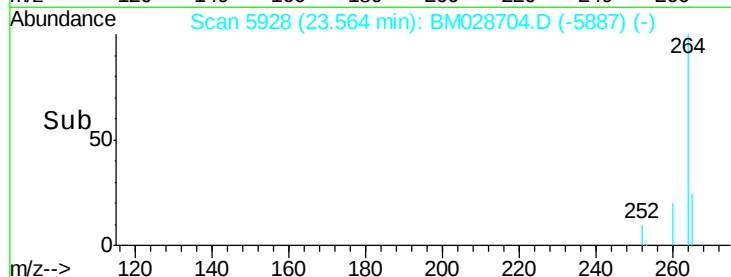
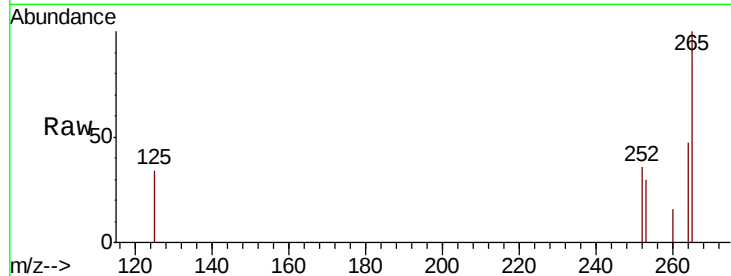
ClientSampleId :

C0A58

Tot Ion:	252	Resp:	197
Ion Ratio	Lower	Upper	
252	100		
253	83.1	28.7	43.1#
125	96.2	27.9	41.9#

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#24

Indeno(1,2,3-cd)pyrene

Concen: 0.022 ng/u1

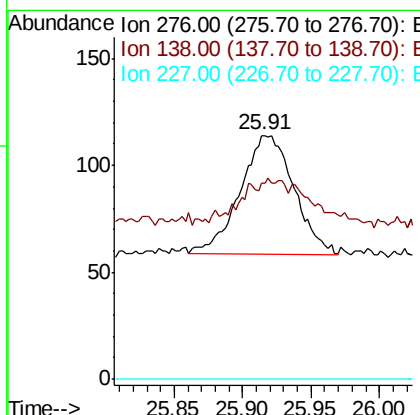
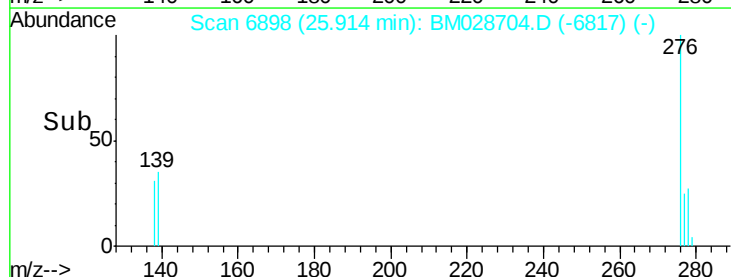
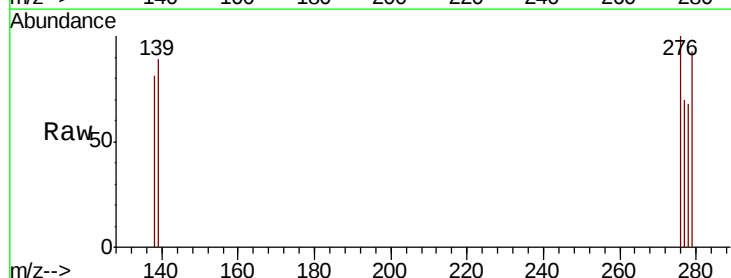
RT: 25.91 min Scan# 6898

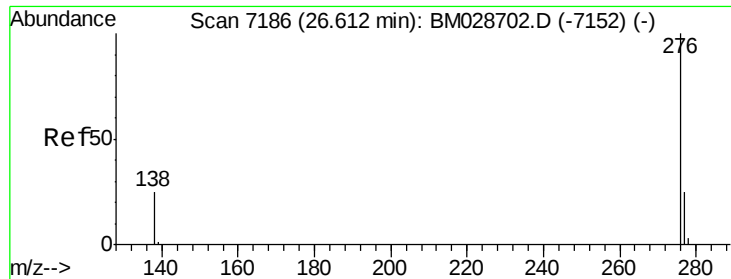
Delta R.T. -0.00 min

Lab File: BM028704.D

Acq: 10 Feb 2021 15:04

Tgt Ion:	276	Resp:	153
Ion Ratio	Lower	Upper	
276	100		
138	38.6	0.0	0.0#
227	0.0	0.0	0.0





#26
Benzo(a,h,i)perylene
Concen: 0.028 ng/ul
RT: 26.62 min Scan# 7189
Delta R.T. 0.01 min
Lab File: BM028704.D
Acq: 10 Feb 2021 15:04

Instrument :
BNA_M
ClientSampleId :
C0A58

Tot Ion	Ratio	Lower	Upper
276	100		
138	76.8	25.4	38.2#
277	67.9	25.3	37.9#

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