

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021021\
 Data File : BM028705.D
 Acq On : 10 Feb 2021 15:40
 Operator : CG/JU
 Sample : M1310-09
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AA7

Manual Integrations
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mohammad
 2/11/2021 9:46:59 AM

Quant Time: Feb 10 16:12:21 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	369	0.40	ng/ul	0.00
2) Naphthalene-d8	10.70	136	1458	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.55	164	782	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.28	188	1609m	0.40	ng/ul	0.00
16) Chrysene-d12	21.43	240	1326	0.40	ng/ul	0.00
20) Perylene-d12	23.66	264	1335	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	563	0.27	ng/ul	0.00
14) Fluoranthene-d10	19.29	212	1050	0.25	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.76	128	91	0.025	ng/ul#	7
5) 2-Methylnaphthalene	12.37	142	77	0.032	ng/ul	99
12) Phenanthrene	17.32	178	353	0.078	ng/ul#	77
15) Fluoranthene	19.33	202	543	0.106	ng/ul	73
17) Pyrene	19.68	202	559	0.116	ng/ul#	75
18) Benzo(a)anthracene	21.41	228	277	0.061	ng/ul#	64
19) Chrysene	21.46	228	373	0.083	ng/ul#	68
21) Benzo(b)fluoranthene	22.99	252	411m	0.090	ng/ul	
22) Benzo(k)fluoranthene	23.03	252	150m	0.033	ng/ul	
23) Benzo(a)pyrene	23.56	252	248	0.061	ng/ul#	2
24) Indeno(1,2,3-cd)pyrene	25.91	276	176	0.033	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.91	278	129	0.029	ng/ul#	1
26) Benzo(g,h,i)perylene	26.62	276	302	0.068	ng/ul#	43

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

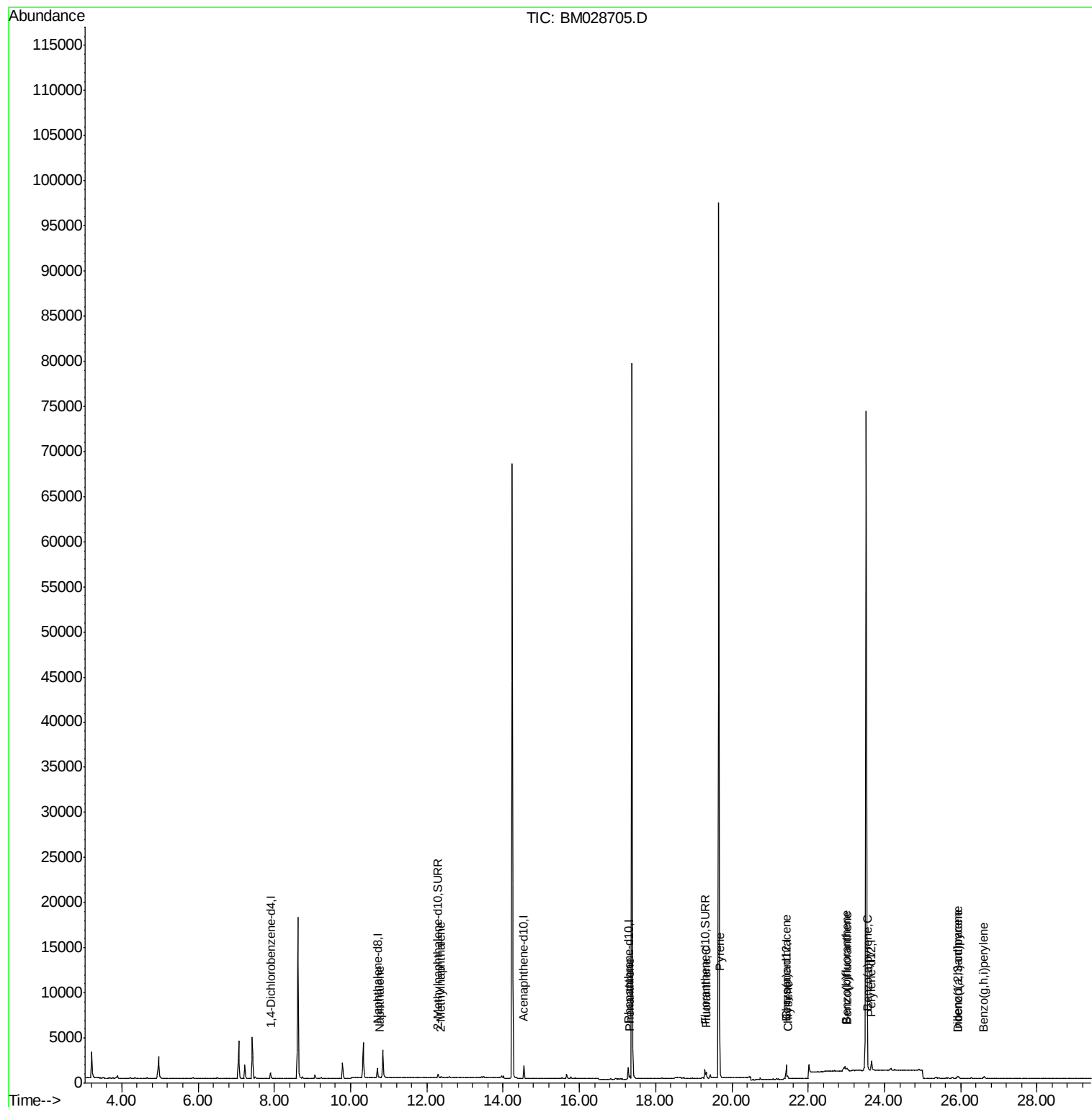
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021021\
Data File : BM028705.D
Acq On : 10 Feb 2021 15:40
Operator : CG/JU
Sample : M1310-09
Misc :
ALS Vial : 5 Sample Multiplier: 1

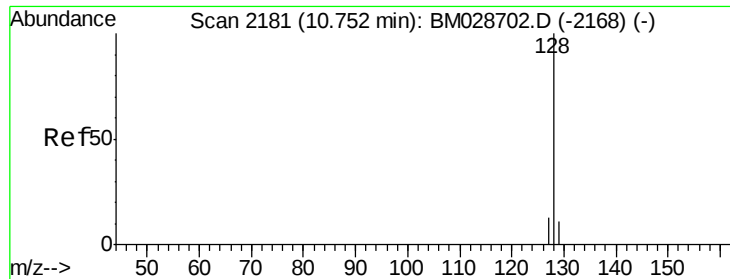
Instrument :
BNA_M
ClientSampleId :
C0AA7

Quant Time: Feb 10 16:12:21 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

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#3

Naphthalene

Concen: 0.025 ng/ul

RT: 10.76 min Scan# 2182

Delta R.T. 0.00 min

Lab File: BM028705.D

Acq: 10 Feb 2021 15:40

Instrument :

BNA_M

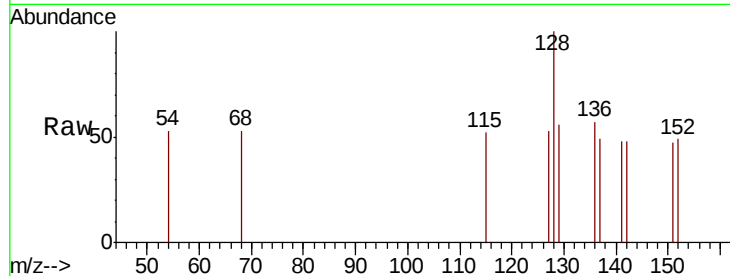
ClientSampleId :

C0AA7

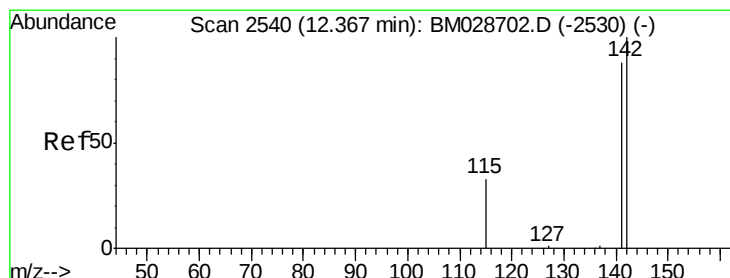
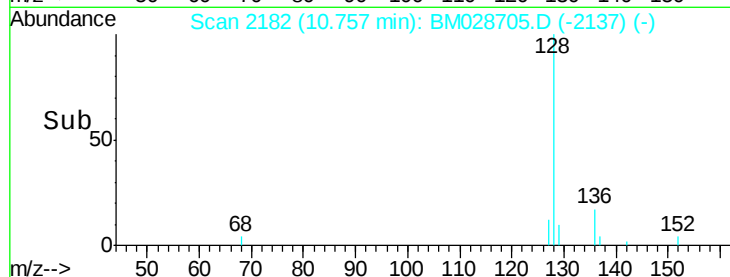
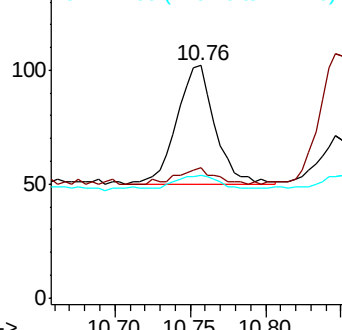
Tot Ion:	128	Resp:	91
Ion	Ratio	Lower	Upper
128	100		
129	55.9	11.4	17.2#
127	52.9	13.0	19.6#

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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



#5

2-Methylnaphthalene

Concen: 0.032 ng/ul

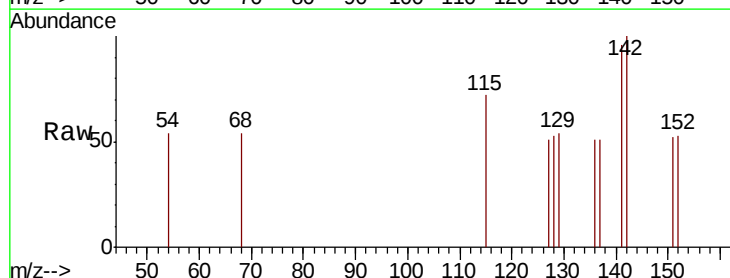
RT: 12.37 min Scan# 2540

Delta R.T. 0.00 min

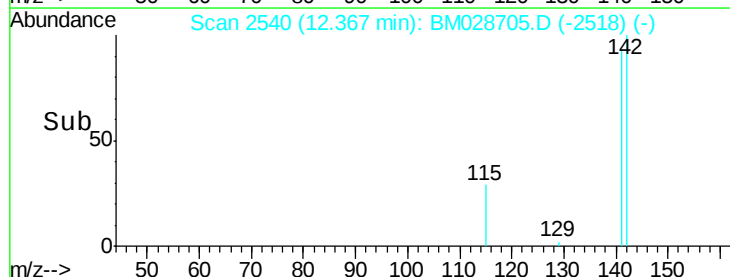
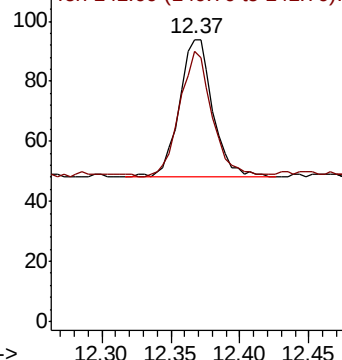
Lab File: BM028705.D

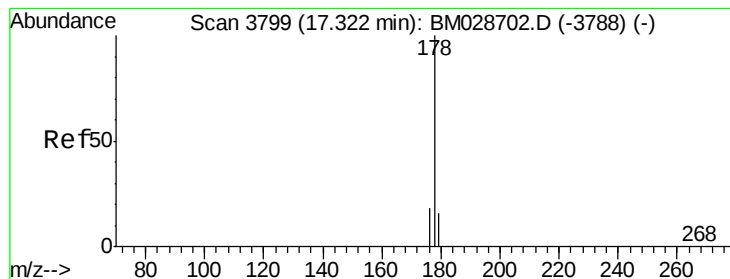
Acq: 10 Feb 2021 15:40

Tgt Ion:	142	Resp:	77
Ion	Ratio	Lower	Upper
142	100		
141	90.9	72.2	108.4



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E





#12

Phenanthrene

Concen: 0.078 ng/ul

RT: 17.32 min Scan# 3799

Delta R.T. 0.00 min

Lab File: BM028705.D

Acq: 10 Feb 2021 15:40

Instrument :

BNA_M

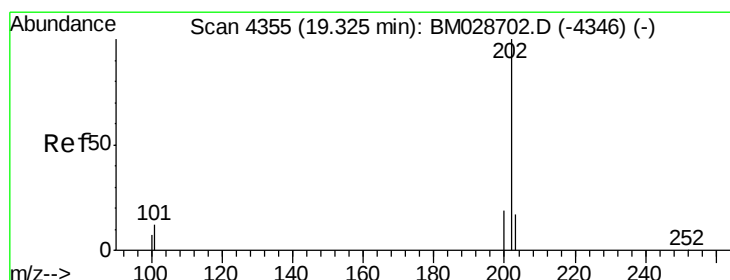
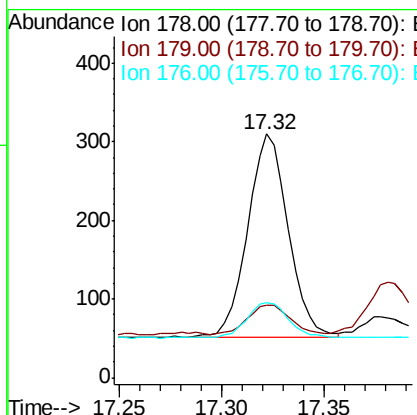
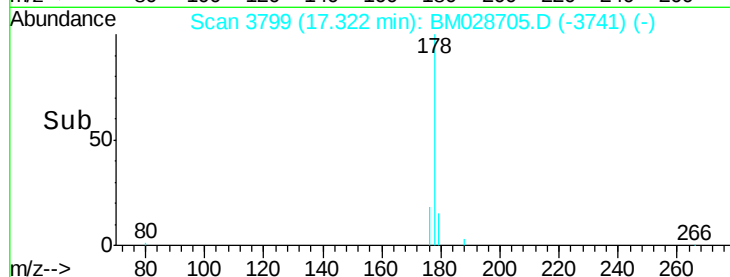
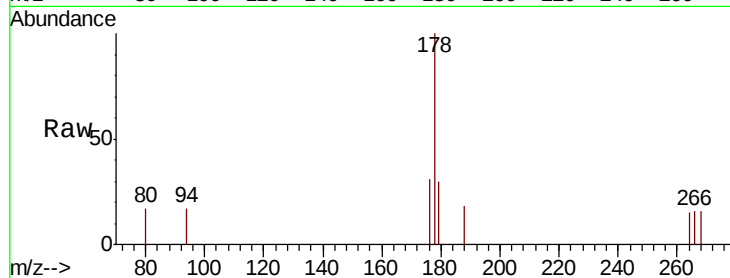
ClientSampleId :

C0AA7

Tot Ion:	178	Resp:	353
Ion Ratio	Lower	Upper	
178	100		
179	29.7	14.7	22.1#
176	31.0	16.7	25.1#

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#15

Fluoranthene

Concen: 0.106 ng/ul

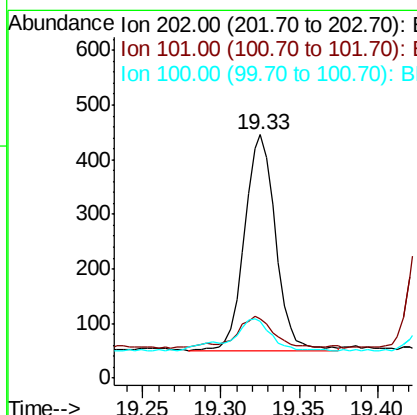
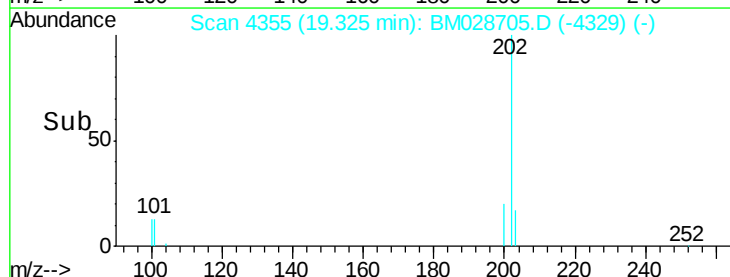
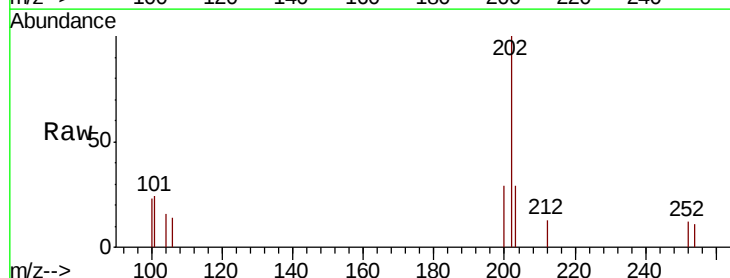
RT: 19.33 min Scan# 4355

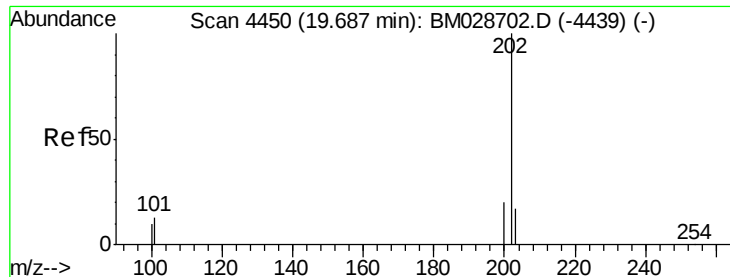
Delta R.T. 0.00 min

Lab File: BM028705.D

Acq: 10 Feb 2021 15:40

Tgt Ion:	202	Resp:	543
Ion Ratio	Lower	Upper	
202	100		
101	24.4	0.0	34.5
100	23.1	0.0	31.7





#17

Pvrene

Concen: 0.116 ng/ul

RT: 19.68 min Scan# 4449

Delta R.T. -0.00 min

Lab File: BM028705.D

Acq: 10 Feb 2021 15:40

Instrument :

BNA_M

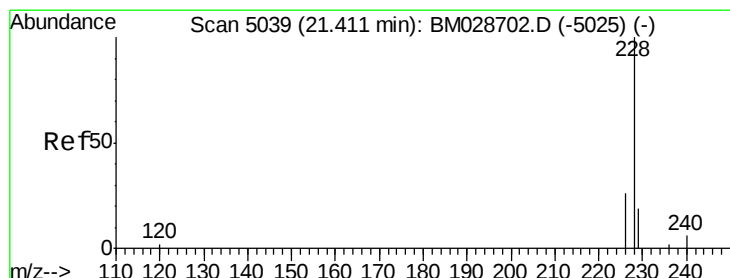
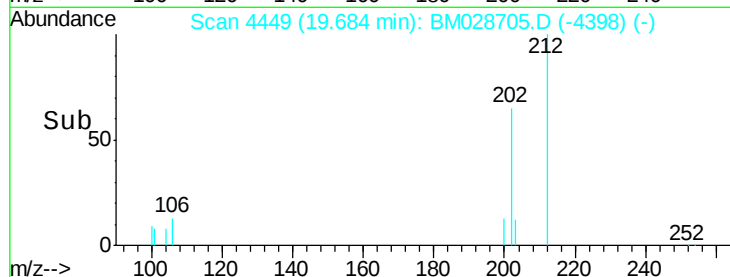
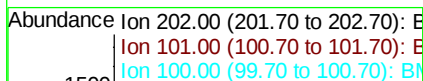
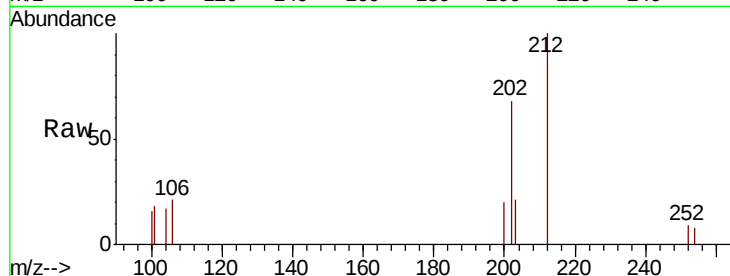
ClientSampleId :

C0AA7

Tot Ion:	202	Resp:	559
Ion Ratio	Lower	Upper	
202	100		
101	26.0	12.7	19.1#
100	23.4	10.2	15.4#

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#18

Benzo(a)anthracene

Concen: 0.061 ng/ul

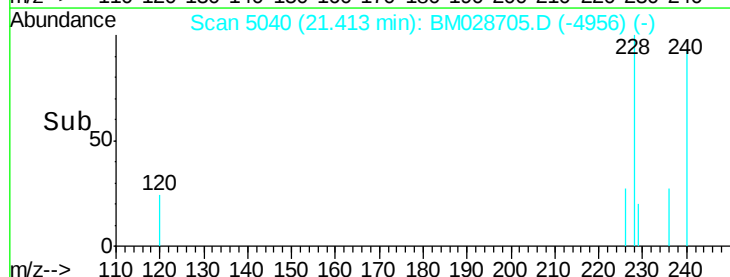
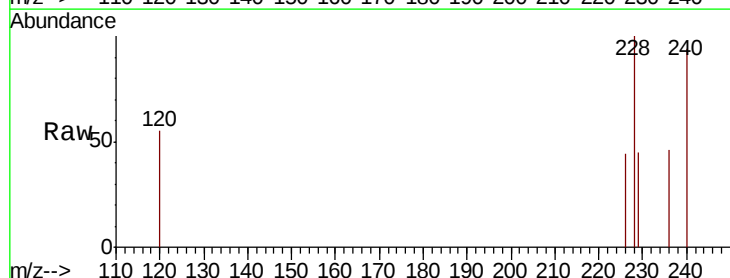
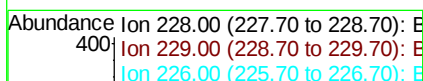
RT: 21.41 min Scan# 5040

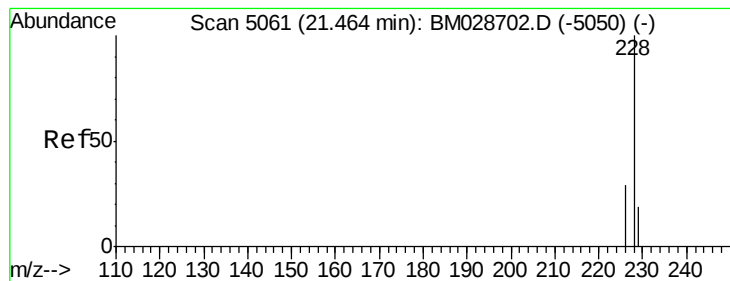
Delta R.T. 0.00 min

Lab File: BM028705.D

Acq: 10 Feb 2021 15:40

Tgt Ion:	228	Resp:	277
Ion Ratio	Lower	Upper	
228	100		
229	44.7	18.9	28.3#
226	44.3	22.6	34.0#





#19

Chrysene

Concen: 0.083 ng/ul

RT: 21.46 min Scan# 5061

Delta R.T. 0.00 min

Lab File: BM028705.D

Acq: 10 Feb 2021 15:40

Instrument :

BNA_M

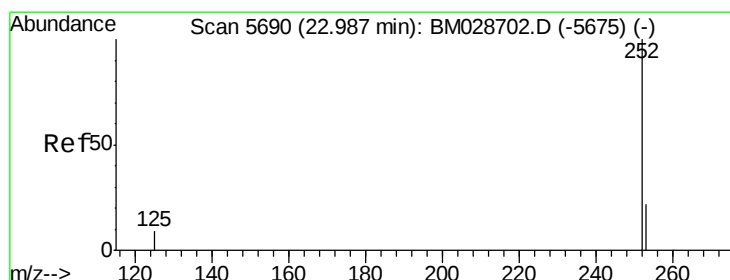
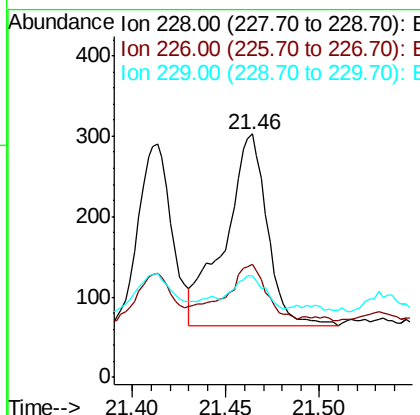
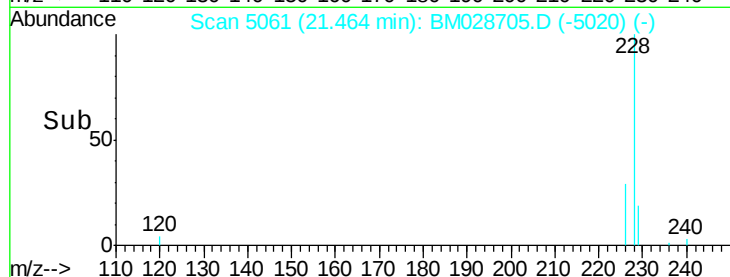
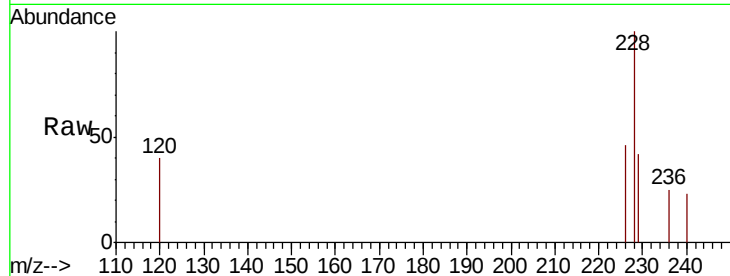
ClientSampleId :

C0AA7

Tot Ion:	228	Resp:	373
Ion Ratio	Lower	Upper	
228	100		
226	46.2	24.6	37.0#
229	41.9	18.8	28.2#

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#21

Benzo(b)fluoranthene

Concen: 0.090 ng/ul m

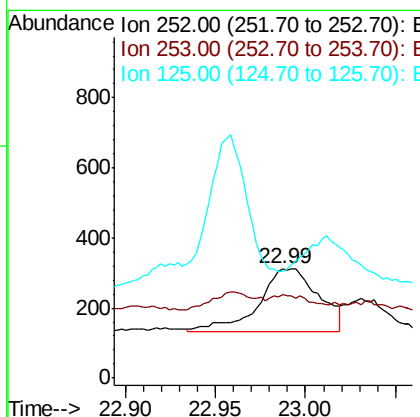
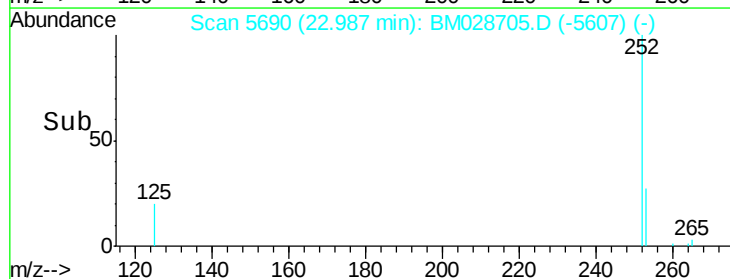
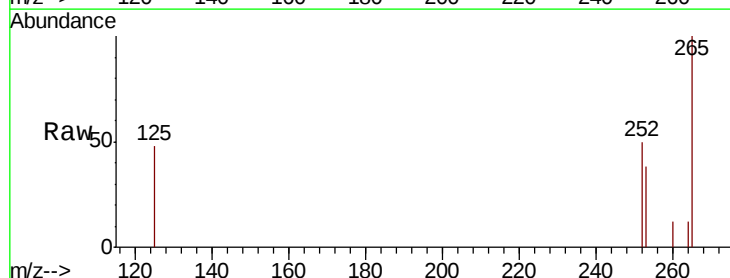
RT: 22.99 min Scan# 5690

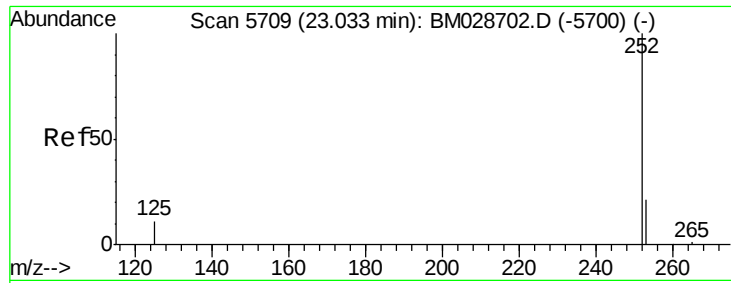
Delta R.T. 0.00 min

Lab File: BM028705.D

Acq: 10 Feb 2021 15:40

Tgt Ion:	252	Resp:	411
Ion Ratio	Lower	Upper	
252	100		
253	76.9	0.0	67.0#
125	97.1	0.0	57.4#





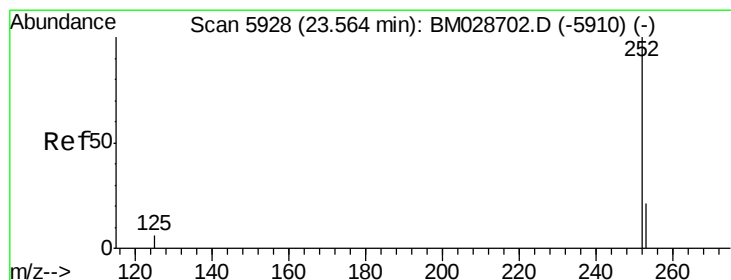
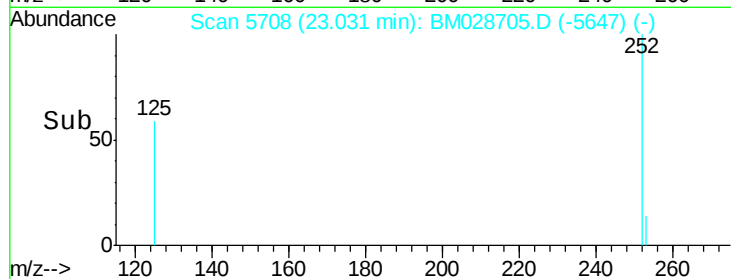
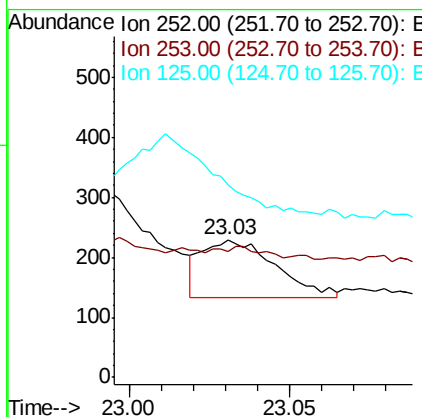
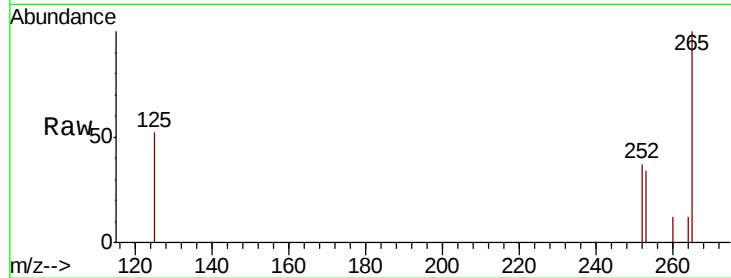
#22
Benzo(k)fluoranthene
Concen: 0.033 ng/ul m
RT: 23.03 min Scan# 5708
Delta R.T. -0.00 min
Lab File: BM028705.D
Acq: 10 Feb 2021 15:40

Instrument :
BNA_M
ClientSampleId :
C0AA7

Tot Ion	Ratio	Lower	Upper
252	100		
253	91.7	26.3	39.5#
125	140.2	22.9	34.3#

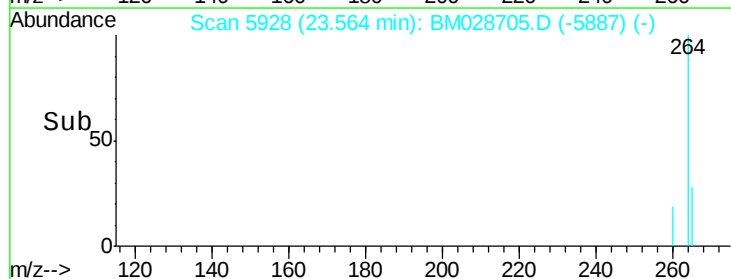
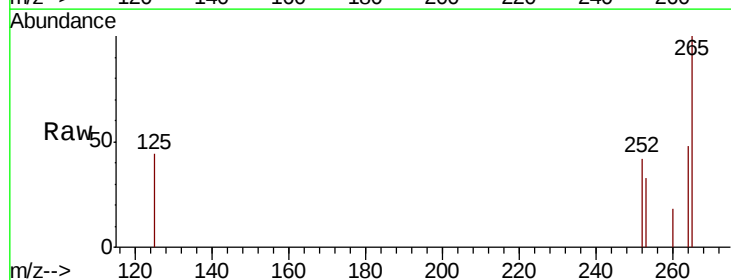
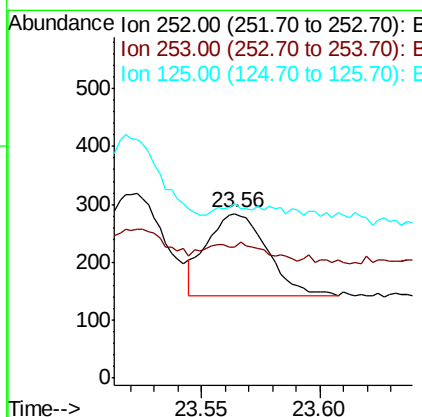
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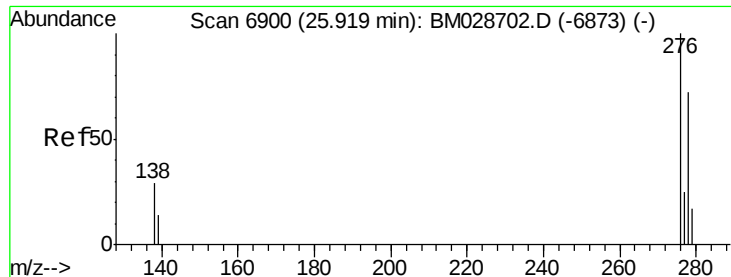
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#23
Benzo(a)pyrene
Concen: 0.061 ng/ul
RT: 23.56 min Scan# 5928
Delta R.T. 0.00 min
Lab File: BM028705.D
Acq: 10 Feb 2021 15:40

Tgt Ion	Ratio	Lower	Upper
252	100		
253	79.6	28.7	43.1#
125	106.0	27.9	41.9#





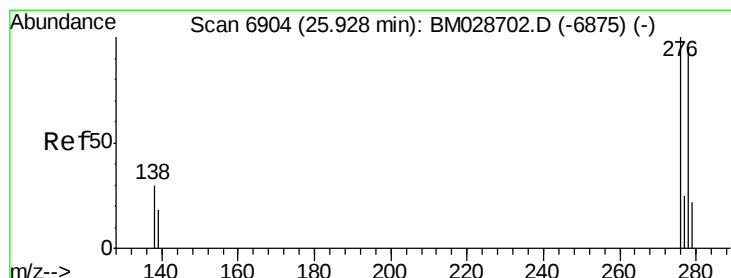
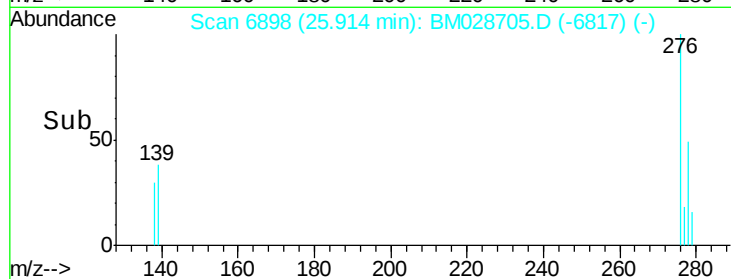
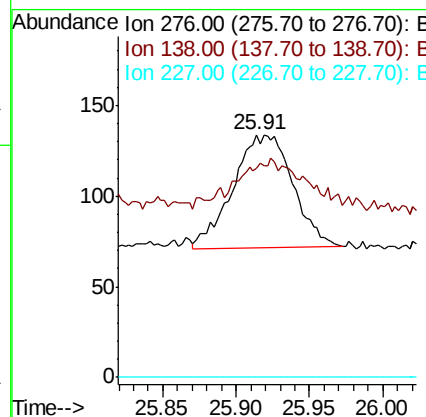
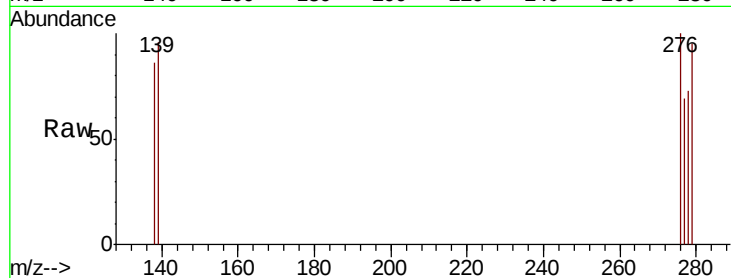
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.033 ng/ul
RT: 25.91 min Scan# 6898
Delta R.T. -0.00 min
Lab File: BM028705.D
Acq: 10 Feb 2021 15:40

Instrument :
BNA_M
ClientSampled :
C0AA7

Tot Ion	Ratio	Lower	Upper
276	100		
138	50.6	0.0	0.0#
227	0.0	0.0	0.0

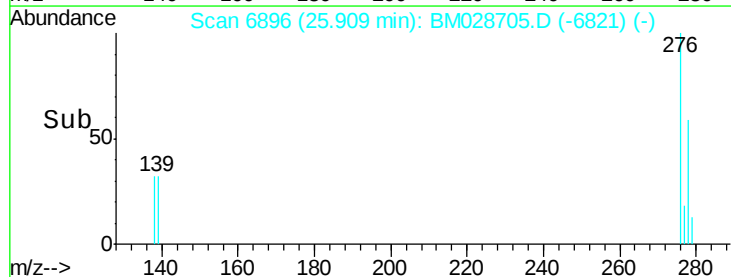
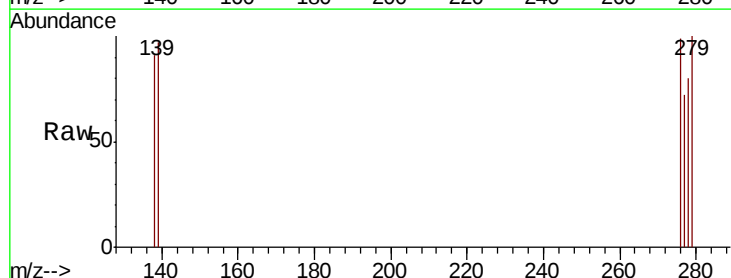
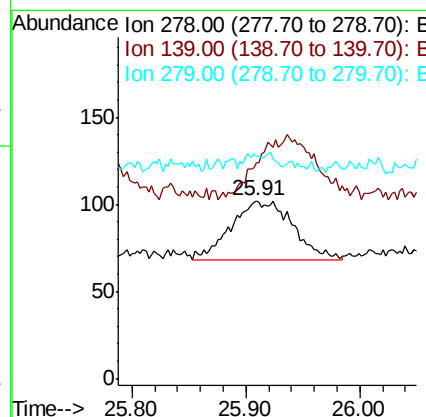
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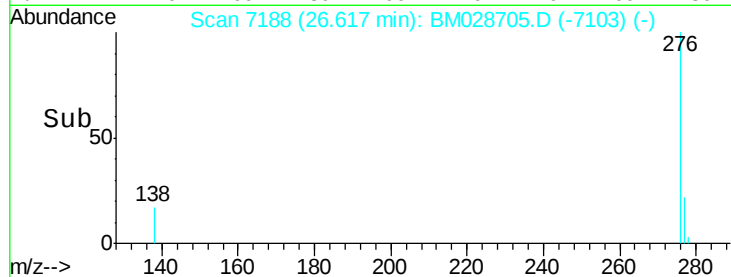
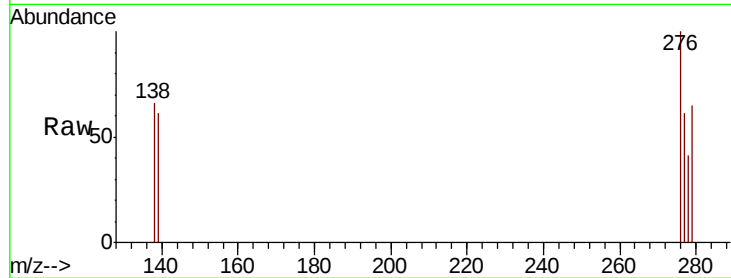
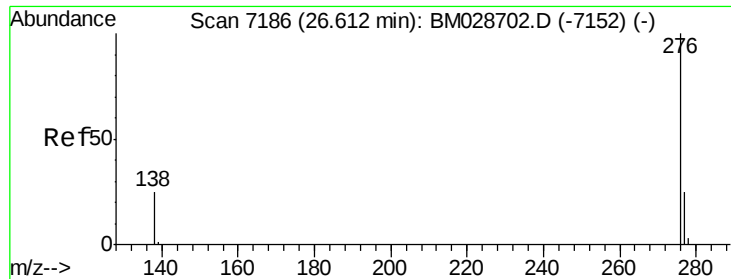
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#25
Dibenzo(a,h)anthracene
Concen: 0.029 ng/ul
RT: 25.91 min Scan# 6896
Delta R.T. -0.02 min
Lab File: BM028705.D
Acq: 10 Feb 2021 15:40

Tgt Ion	Ratio	Lower	Upper
278	100		
139	121.6	24.9	37.3#
279	125.5	28.3	42.5#





#26

Benzo(a,h,i)perylene

Concen: 0.068 ng/ul

RT: 26.62 min Scan# 7188

Delta R.T. 0.00 min

Lab File: BM028705.D

Acq: 10 Feb 2021 15:40

Instrument :

BNA_M

ClientSampleId :

C0AA7

Tot Ion:	276	Resp:	302
Ion Ratio	Lower	Upper	
276	100		
138	66.1	25.4	38.2#
277	60.7	25.3	37.9#

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