

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021821\
 Data File : BM028824.D
 Acq On : 19 Feb 2021 17:40
 Operator : CG/JU
 Sample : M1412-20
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBGZ7

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Quant Time: Feb 20 01:23:58 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	7.89	152	345	0.40	ng/ul	0.00
2) Naphthalene-d8	10.69	136	1420	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.53	164	866	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.27	188	1686	0.40	ng/ul	0.00
16) Chrysene-d12	21.43	240	1690	0.40	ng/ul	0.00
20) Perylene-d12	23.66	264	1438	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	431	0.21	ng/ul	0.00
14) Fluoranthene-d10	19.29	212	1033	0.24	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.74	128	181	0.051	ng/ul#	38
5) 2-Methylnaphthalene	12.35	142	63	0.027	ng/ul	98
9) Fluorene	15.58	166	64	0.021	ng/ul#	65
11) Pentachlorophenol	16.94	266	25	0.057	ng/ul#	46
12) Phenanthrene	17.32	178	989	0.210	ng/ul#	75
13) Anthracene	17.41	178	197	0.044	ng/ul#	1
15) Fluoranthene	19.32	202	1657	0.309	ng/ul	90
17) Pyrene	19.68	202	2045	0.333	ng/ul#	88
18) Benzo(a)anthracene	21.41	228	354	0.061	ng/ul#	1
19) Chrysene	21.46	228	566m	0.099	ng/ul	
21) Benzo(b)fluoranthene	22.99	252	414m	0.084	ng/ul	
22) Benzo(k)fluoranthene	23.03	252	120m	0.024	ng/ul	
23) Benzo(a)pyrene	23.56	252	255	0.058	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	25.92	276	187	0.033	ng/ul#	100
26) Benzo(g,h,i)perylene	26.61	276	132	0.028	ng/ul#	1

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

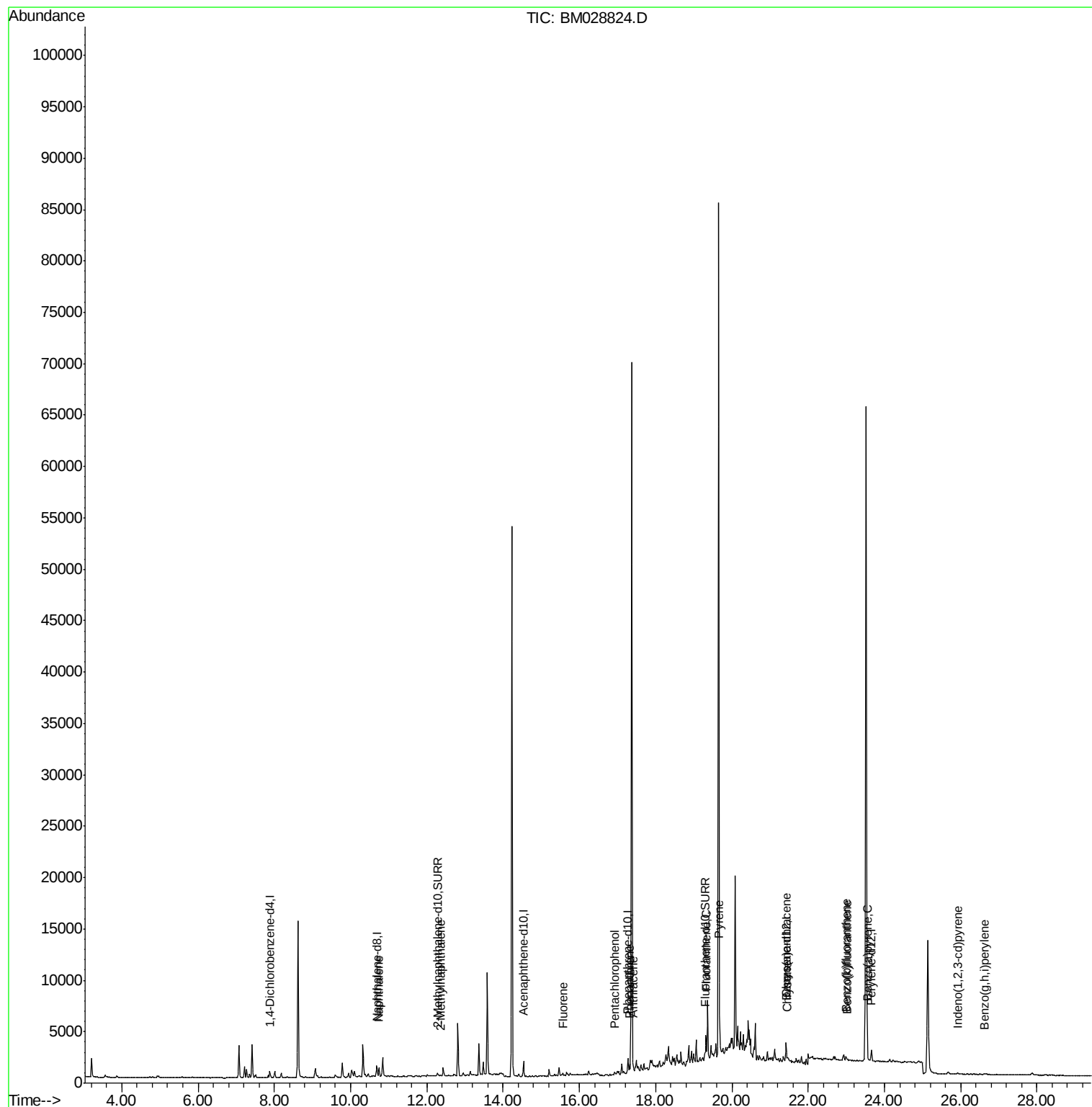
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021821\
Data File : BM028824.D
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Misc :
ALS Vial : 39 Sample Multiplier: 1

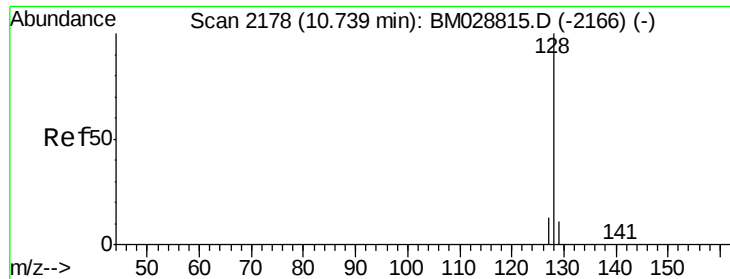
Instrument :
BNA_M
ClientSampleId :
DBGZ7

Quant Time: Feb 20 01:23:58 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

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#3

Naphthalene

Concen: 0.051 ng/ul

RT: 10.74 min Scan# 2178

Delta R.T. 0.00 min

Lab File: BM028824.D

Acq: 19 Feb 2021 17:40

Instrument :

BNA_M

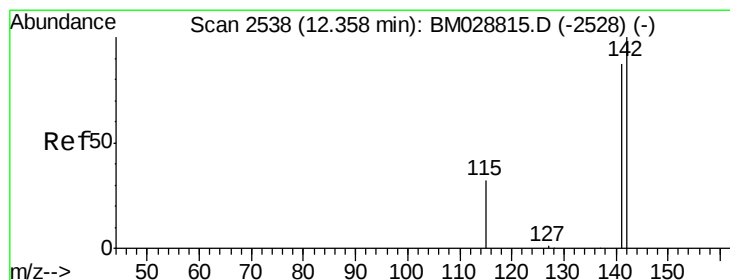
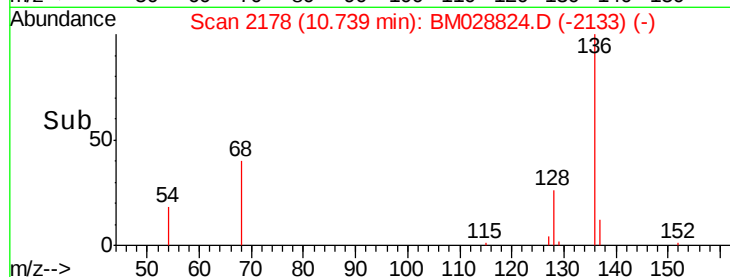
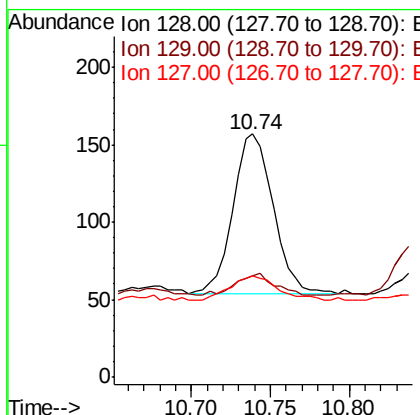
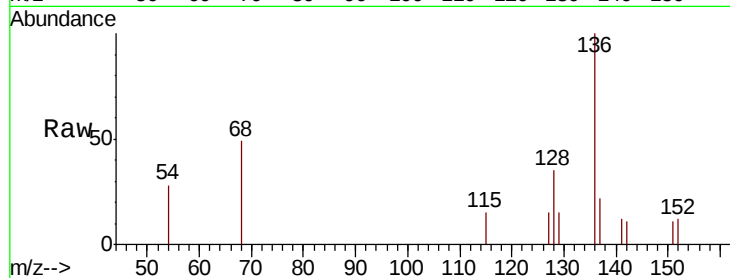
ClientSampled :

DBGZ7

Tot Ion:	128	Resp:	181
Ion Ratio	Lower	Upper	
128	100		
129	41.4	11.4	17.2#
127	41.4	13.0	19.6#

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#5

2-Methylnaphthalene

Concen: 0.027 ng/ul

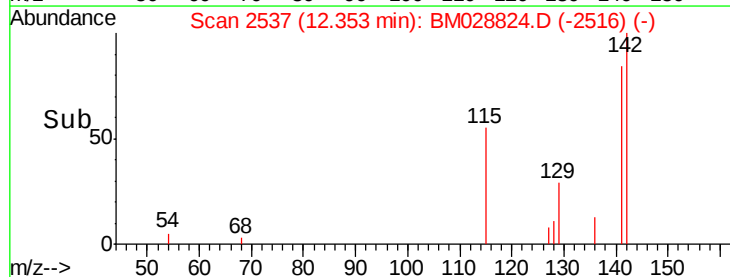
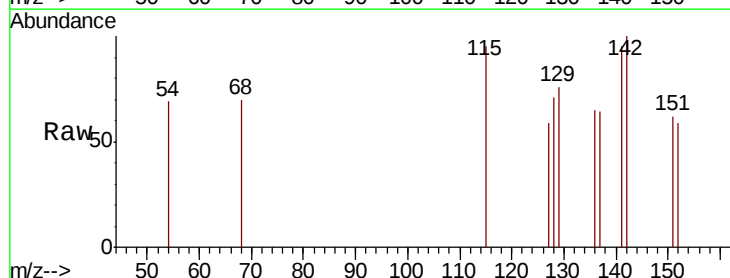
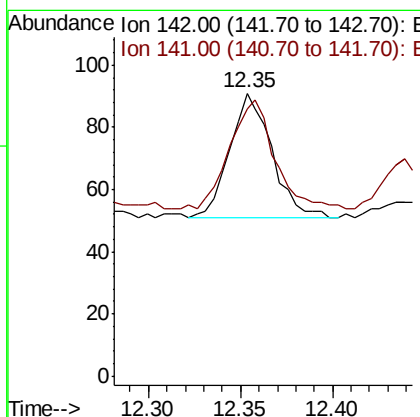
RT: 12.35 min Scan# 2537

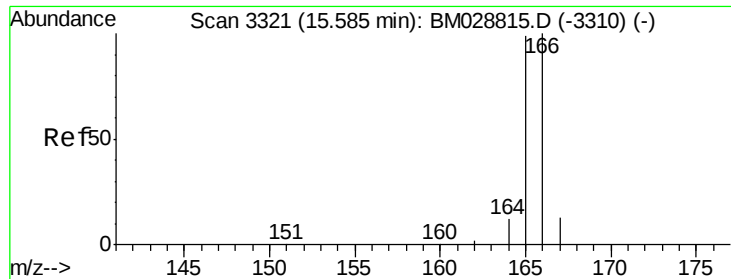
Delta R.T. -0.00 min

Lab File: BM028824.D

Acq: 19 Feb 2021 17:40

Tgt Ion:	142	Resp:	63
Ion Ratio	Lower	Upper	
142	100		
141	92.1	72.2	108.4





#9

Fluorene

Concen: 0.021 ng/ul

RT: 15.58 min Scan# 3320

Delta R.T. -0.00 min

Lab File: BM028824.D

Acq: 19 Feb 2021 17:40

Instrument :

BNA_M

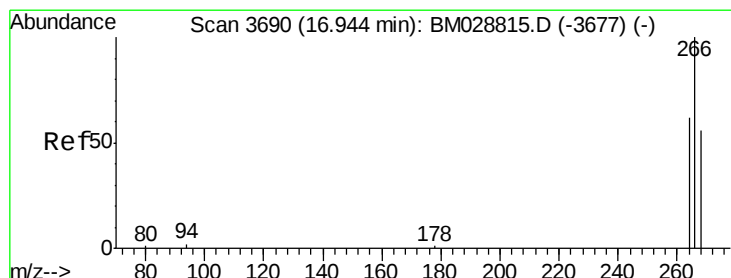
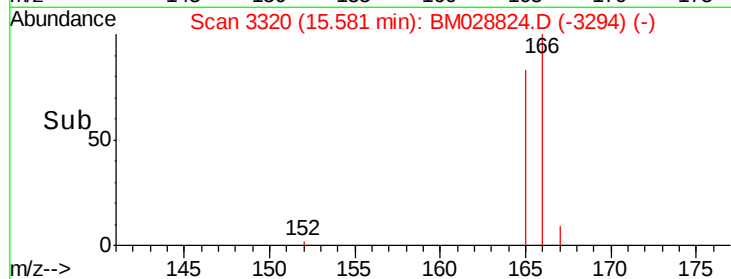
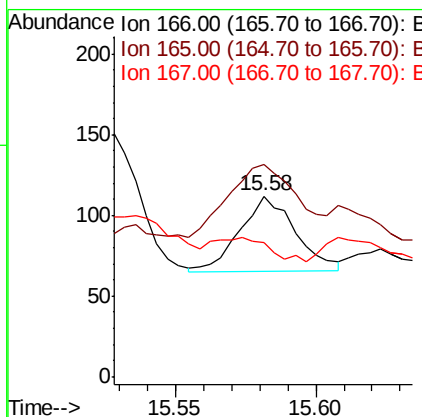
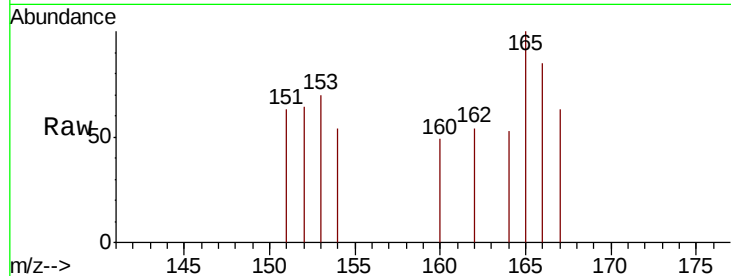
ClientSampleId :

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Tot Ion:	166	Resp:	64
Ion	Ratio	Lower	Upper
166	100		
165	117.9	79.6	119.4
167	74.1	13.9	20.9#

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#11

Pentachlorophenol

Concen: 0.057 ng/ul

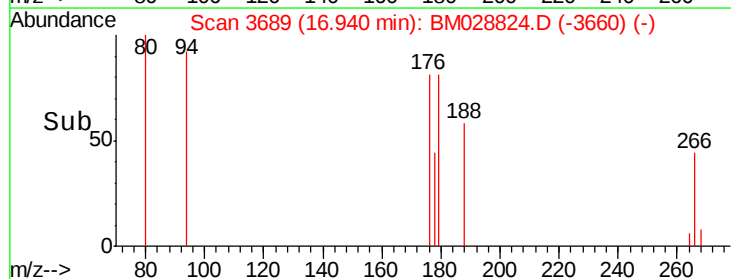
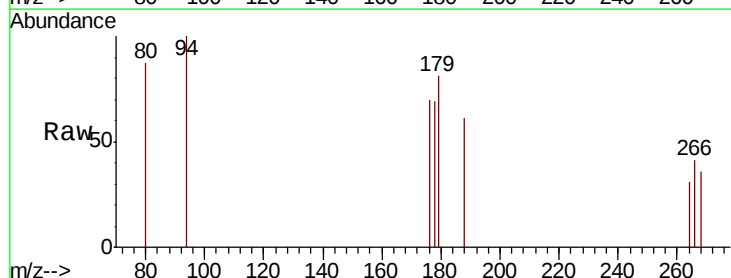
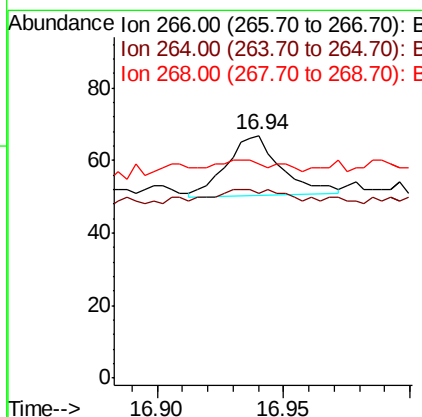
RT: 16.94 min Scan# 3689

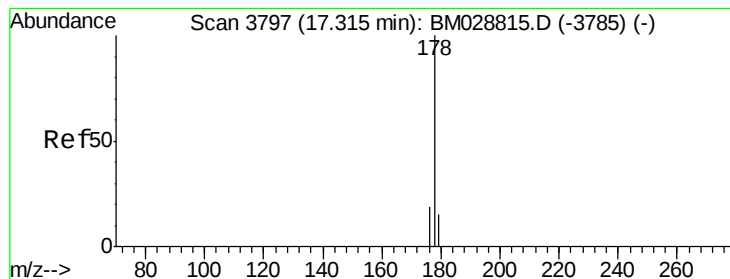
Delta R.T. 0.00 min

Lab File: BM028824.D

Acq: 19 Feb 2021 17:40

Tgt Ion:	266	Resp:	25
Ion	Ratio	Lower	Upper
266	100		
264	20.0	51.0	76.4#
268	24.0	53.0	79.4#





#12

Phenanthrene

Concen: 0.210 ng/ul

RT: 17.32 min Scan# 3797

Delta R.T. 0.00 min

Lab File: BM028824.D

Acq: 19 Feb 2021 17:40

Instrument :

BNA_M

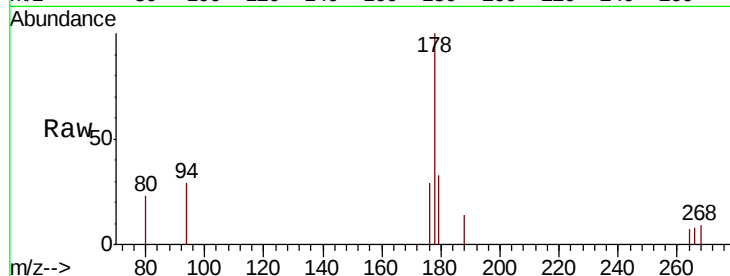
ClientSampled :

DBGZ7

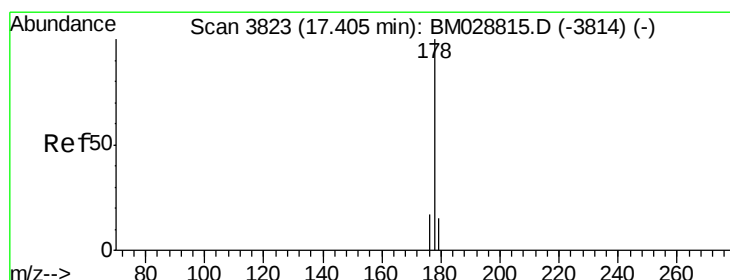
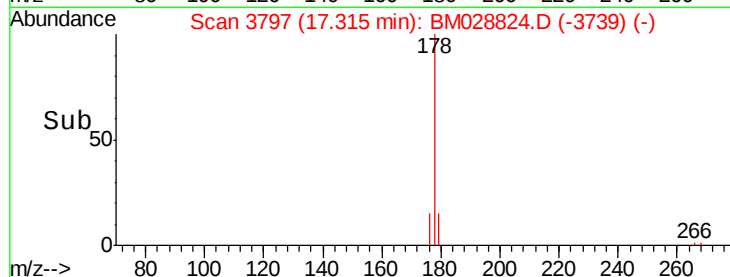
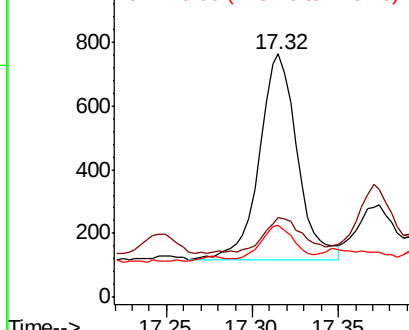
Tot Ion:178	Resp:	989
Ion Ratio	Lower	Upper
178	100	
179	32.5	14.7 22.1#
176	29.5	16.7 25.1#

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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: 0.044 ng/ul

RT: 17.41 min Scan# 3824

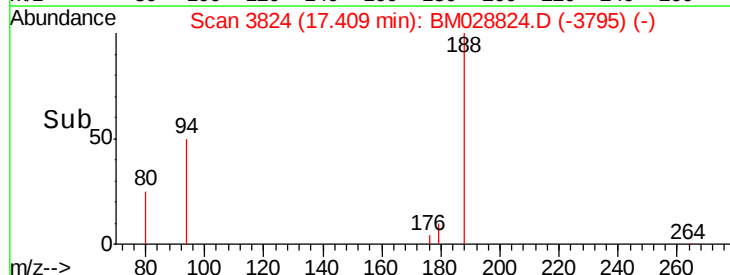
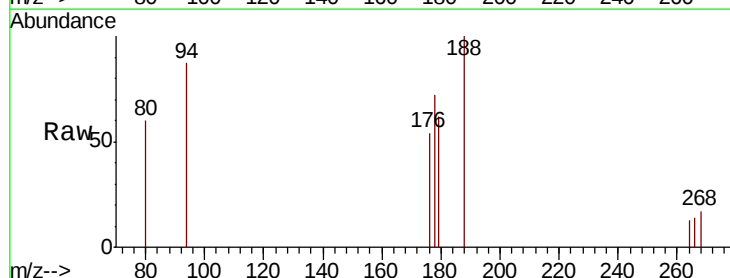
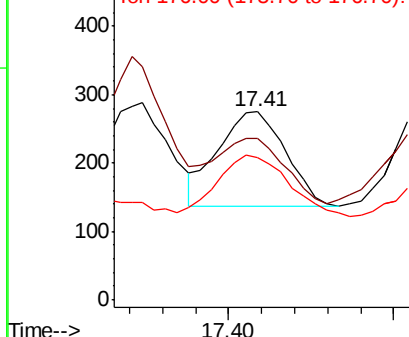
Delta R.T. 0.00 min

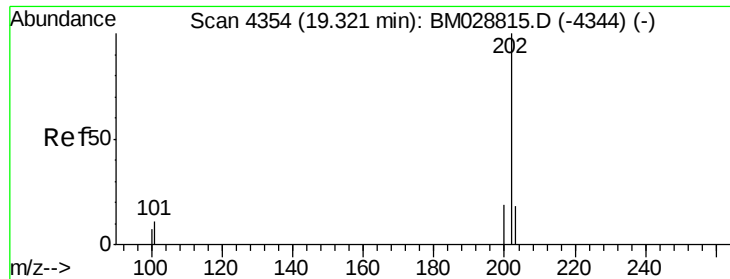
Lab File: BM028824.D

Acq: 19 Feb 2021 17:40

Tgt Ion:178	Resp:	197
Ion Ratio	Lower	Upper
178	100	
179	85.8	15.0 22.4#
176	75.6	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





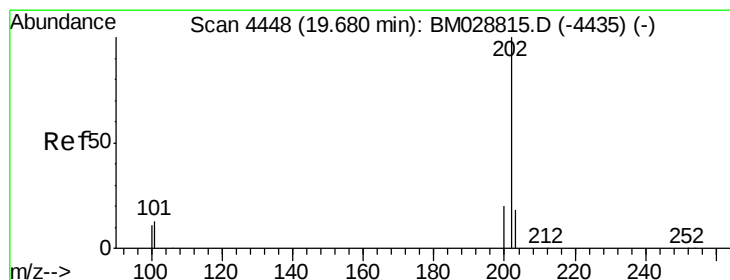
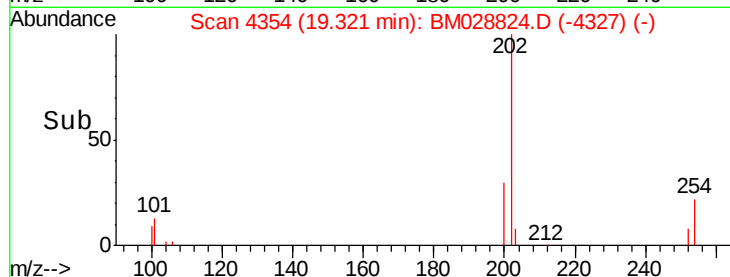
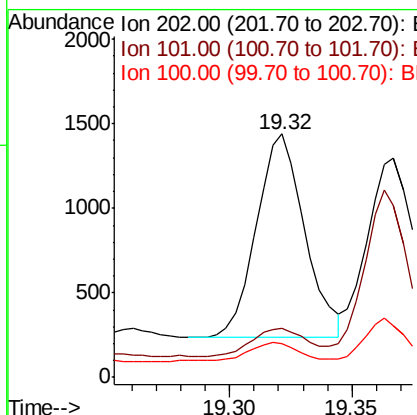
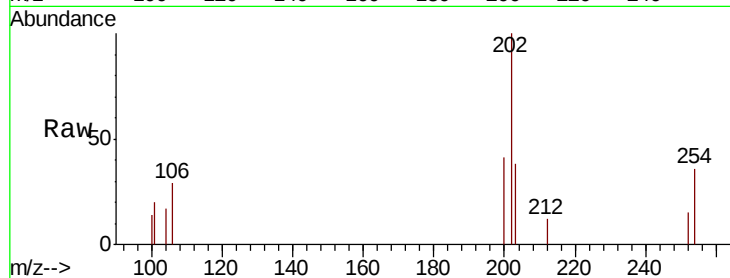
#15
Fluoranthene
 Concen: 0.309 ng/ul
 RT: 19.32 min Scan# 4354
 Delta R.T. 0.00 min
 Lab File: BM028824.D
 Acq: 19 Feb 2021 17:40

Instrument :
 BNA_M
 ClientSampleId :
 DBGZ7

Tot Ion	Ratio	Resp	Lower	Upper
202	100	1657		
101	20.1		0.0	34.5
100	13.9		0.0	31.7

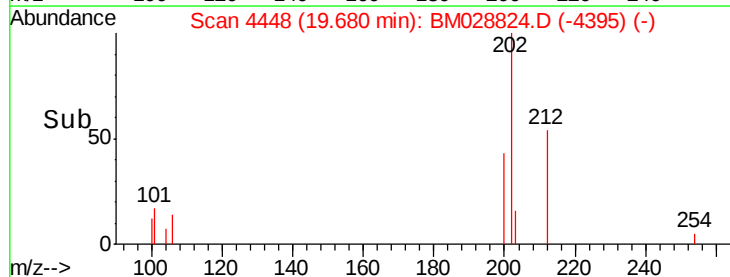
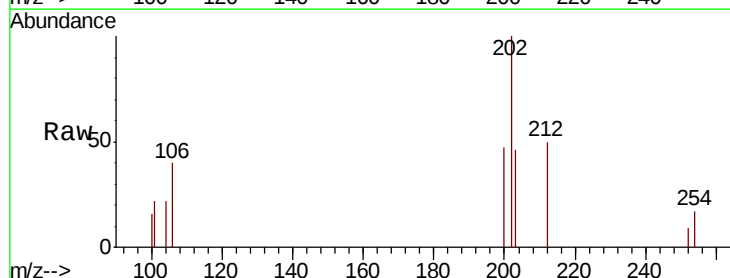
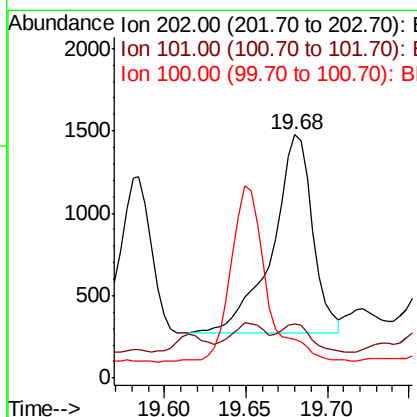
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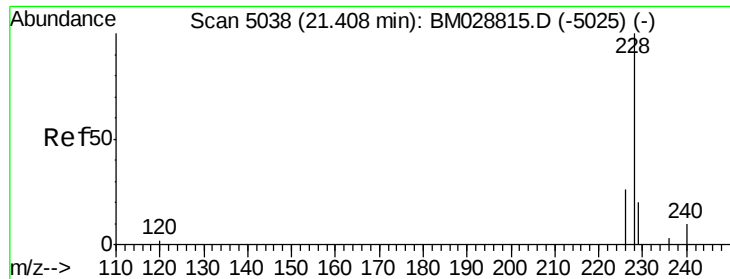
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#17
Pyrene
 Concen: 0.333 ng/ul
 RT: 19.68 min Scan# 4448
 Delta R.T. 0.00 min
 Lab File: BM028824.D
 Acq: 19 Feb 2021 17:40

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	2045		
101	22.4		12.7	19.1#
100	16.0		10.2	15.4#





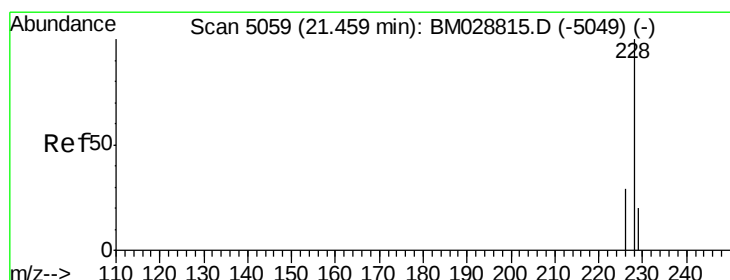
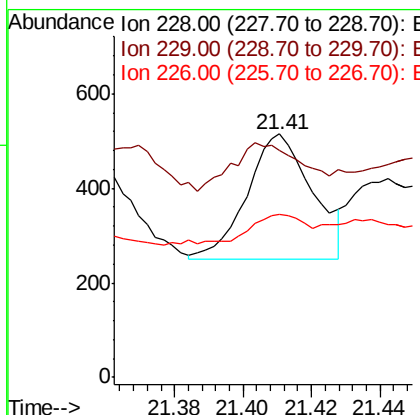
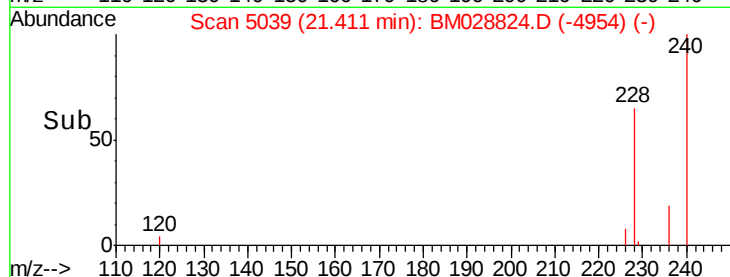
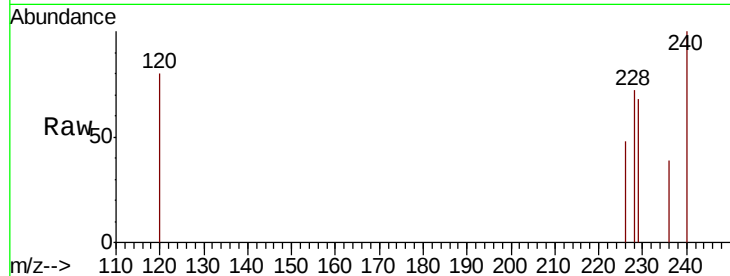
#18
Benzo(a)anthracene
Concen: 0.061 ng/ul
RT: 21.41 min Scan# 5039
Delta R.T. 0.01 min
Lab File: BM028824.D
Acq: 19 Feb 2021 17:40

Instrument :
BNA_M
ClientSampleId :
DBGZ7

Tot Ion	Ratio	Lower	Upper
228	100		
229	93.4	18.9	28.3#
226	67.0	22.6	34.0#

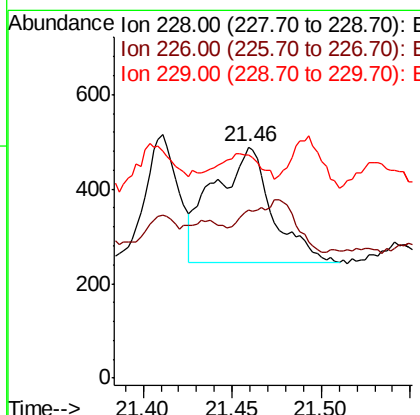
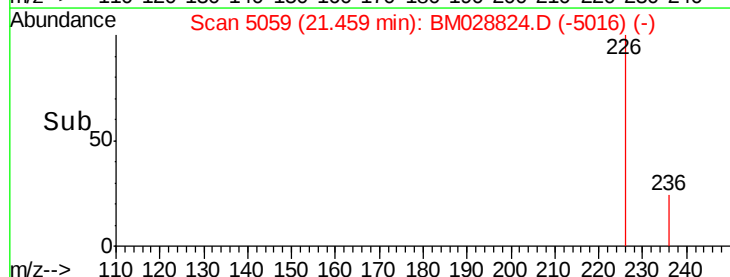
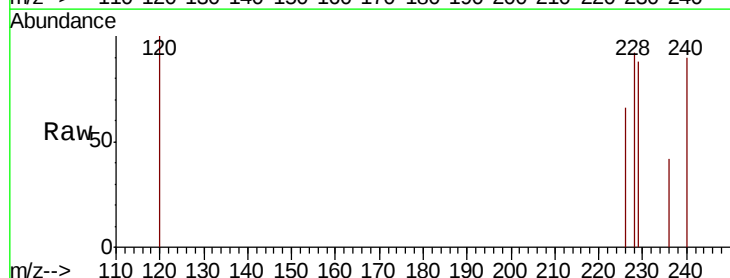
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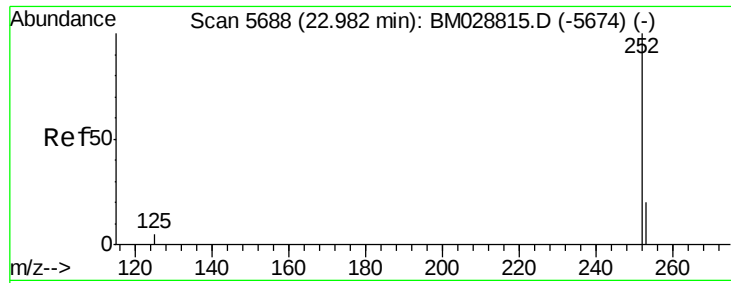
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#19
Chrysene
Concen: 0.099 ng/ul m
RT: 21.46 min Scan# 5059
Delta R.T. 0.00 min
Lab File: BM028824.D
Acq: 19 Feb 2021 17:40

Tgt Ion	Ratio	Lower	Upper
228	100		
226	72.6	24.6	37.0#
229	96.3	18.8	28.2#





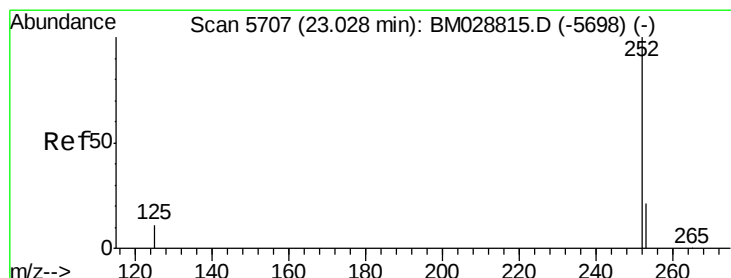
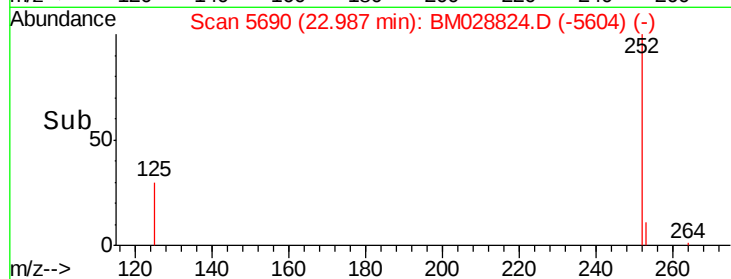
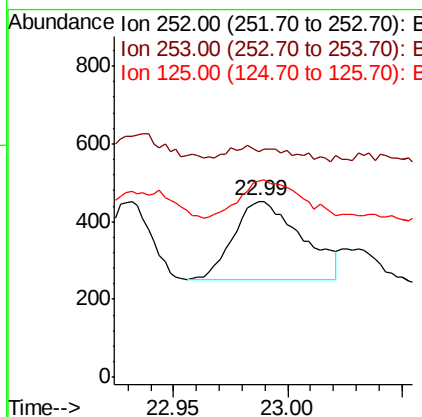
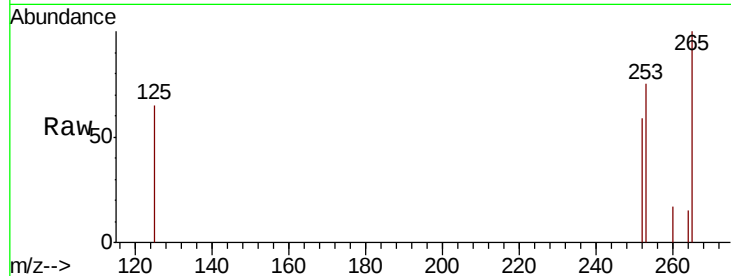
#21
Benzo(b)fluoranthene
Concen: 0.084 ng/ul m
RT: 22.99 min Scan# 5690
Delta R.T. 0.01 min
Lab File: BM028824.D
Acq: 19 Feb 2021 17:40

Instrument :
BNA_M
ClientSampleId :
DBGZ7

Tot Ion	Ratio	Lower	Upper
252	100		
253	128.1	0.0	67.0#
125	111.3	0.0	57.4#

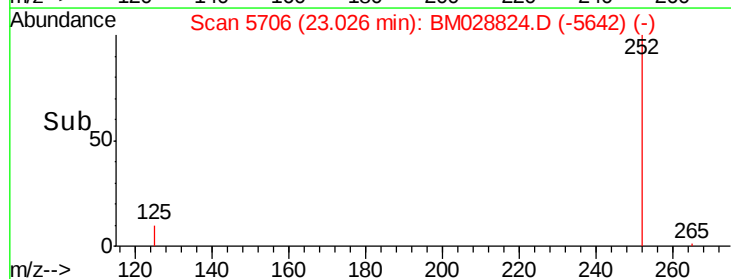
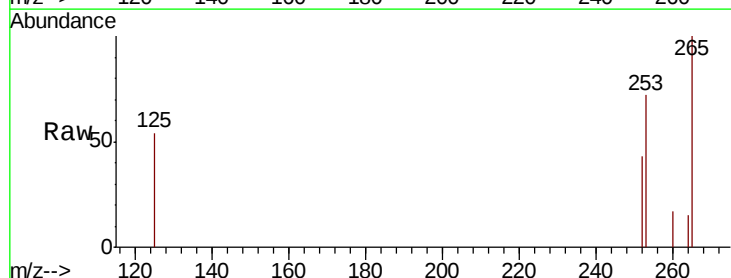
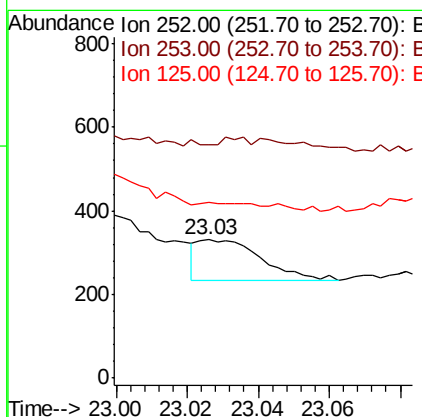
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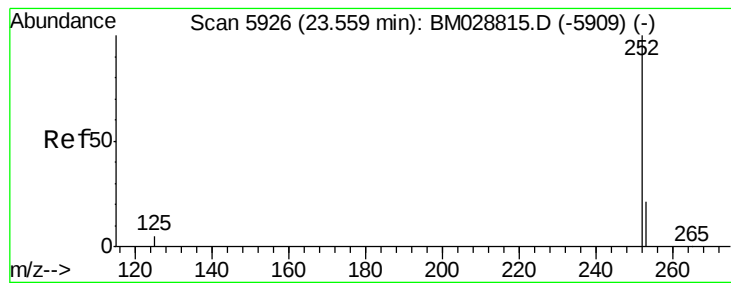
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#22
Benzo(k)fluoranthene
Concen: 0.024 ng/ul m
RT: 23.03 min Scan# 5706
Delta R.T. 0.00 min
Lab File: BM028824.D
Acq: 19 Feb 2021 17:40

Tgt Ion	Ratio	Lower	Upper
252	100		
253	168.9	26.3	39.5#
125	126.9	22.9	34.3#





#23

Benzo(a)pyrene

Concen: 0.058 ng/u1

RT: 23.56 min Scan# 5926

Delta R.T. 0.01 min

Lab File: BM028824.D

Acq: 19 Feb 2021 17:40

Instrument :

BNA_M

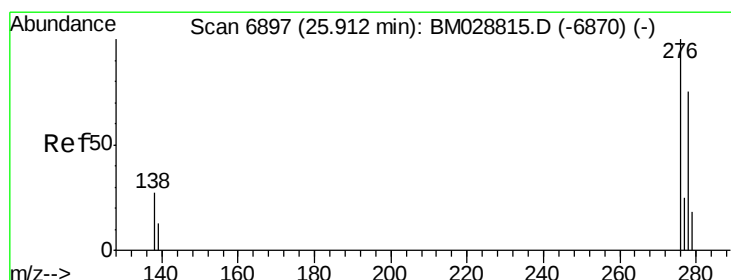
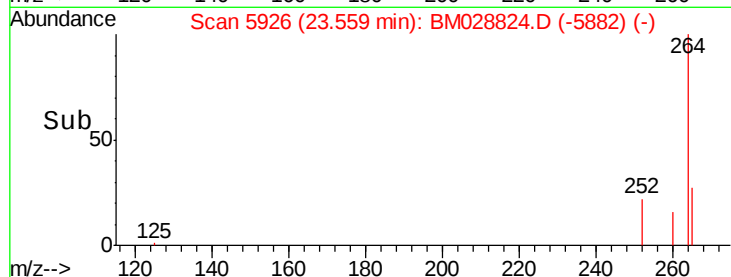
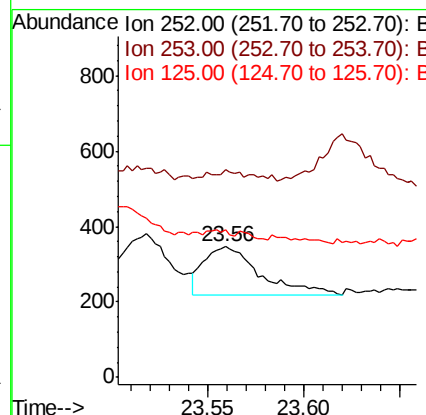
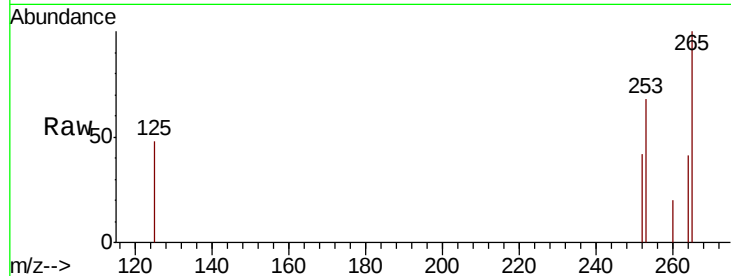
ClientSampleId :

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Tot Ion	Ratio	Lower	Upper
252	100		
253	159.2	28.7	43.1#
125	113.3	27.9	41.9#

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#24

Indeno(1,2,3-cd)pyrene

Concen: 0.033 ng/u1

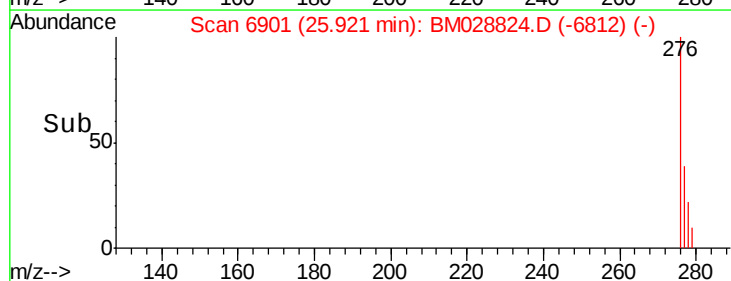
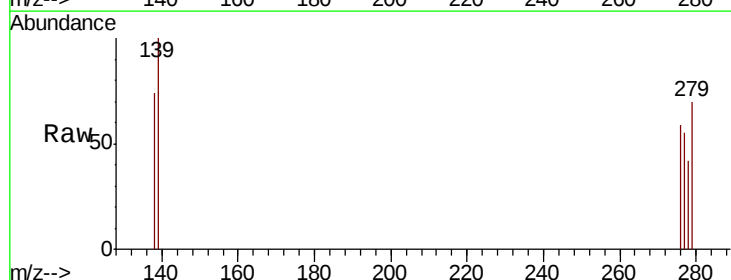
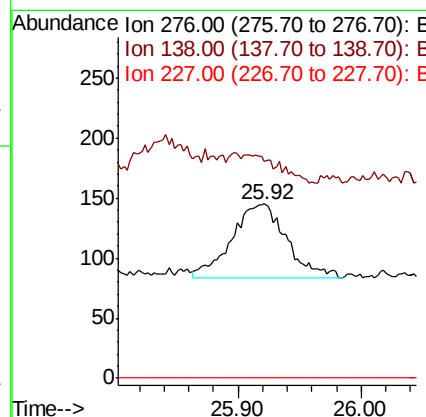
RT: 25.92 min Scan# 6901

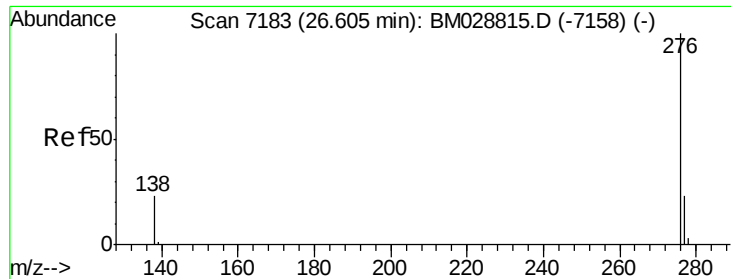
Delta R.T. 0.02 min

Lab File: BM028824.D

Acq: 19 Feb 2021 17:40

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





#26
 Benzo(a,h,i)perylene
 Concen: 0.028 ng/ul
 RT: 26.61 min Scan# 7184
 Delta R.T. 0.01 min
 Lab File: BM028824.D
 Acq: 19 Feb 2021 17:40

Instrument :
 BNA_M
 ClientSampleId :
 DBGZ7

Tot Ion	Ratio	Lower	Upper
276	100		
138	128.3	25.4	38.2#
277	92.9	25.3	37.9#

Manual Integrations
 APPROVED

mohammad
 2/22/2021 2:08:01 PM

