

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072320\
 Data File : BM026859.D
 Acq On : 23 Jul 2020 19:58
 Operator : JU/CG
 Sample : L3379-01 5X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 ETGI-361

Manual Integrations
 APPROVED

Sohil
 7/24/2020 12:16:29 PM

Quant Time: Jul 24 02:07:20 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM070820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 22 14:16:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.28	152	89183	20.00	ng	-0.02
21) Naphthalene-d8	10.03	136	348712	20.00	ng	-0.02
39) Acenaphthene-d10	13.95	164	201273	20.00	ng	-0.01
64) Phenanthrene-d10	16.71	188	409931	20.00	ng	-0.01
76) Chrysene-d12	20.94	240	443596	20.00	ng	0.00
86) Perylene-d12	23.01	264	464282	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.93	112	82852	15.57	ng	-0.02
7) Phenol-d6	6.50	99	109472	12.91	ng	-0.01
23) Nitrobenzene-d5	8.43	82	75615	9.25	ng	-0.02
42) 2,4,6-Tribromophenol	15.46	330	37797	12.89	ng	-0.01
45) 2-Fluorobiphenyl	12.55	172	149300	9.86	ng	-0.02
79) Terphenyl-d14	19.38	244	205578	9.12	ng	-0.01
Target Compounds						
71) Phenanthrene	16.75	178	281644	11.638	ng	Qvalue 100
72) Anthracene	16.85	178	73828	3.064	ng	97
75) Fluoranthene	18.79	202	834163	27.986	ng	99
78) Pyrene	19.15	202	707926	25.334	ng	99
81) Benzo(a)anthracene	20.92	228	432858	14.527	ng	98
83) Chrysene	20.98	228	432324	14.907	ng	97
85) Di-n-octyl phthalate	21.78	149	76978	2.242	ng	# 26
87) Indeno(1,2,3-cd)pyrene	24.99	276	287906	8.711	ng	96
88) Benzo(b)fluoranthene	22.41	252	640353m	20.932	ng	
89) Benzo(k)fluoranthene	22.44	252	168334m	5.610	ng	
90) Benzo(a)pyrene	22.92	252	397070	13.982	ng	98
91) Dibenzo(a,h)anthracene	24.99	278	74082	2.655	ng	# 83
92) Benzo(a,h,i)perylene	25.60	276	283689	11.035	ng	99

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

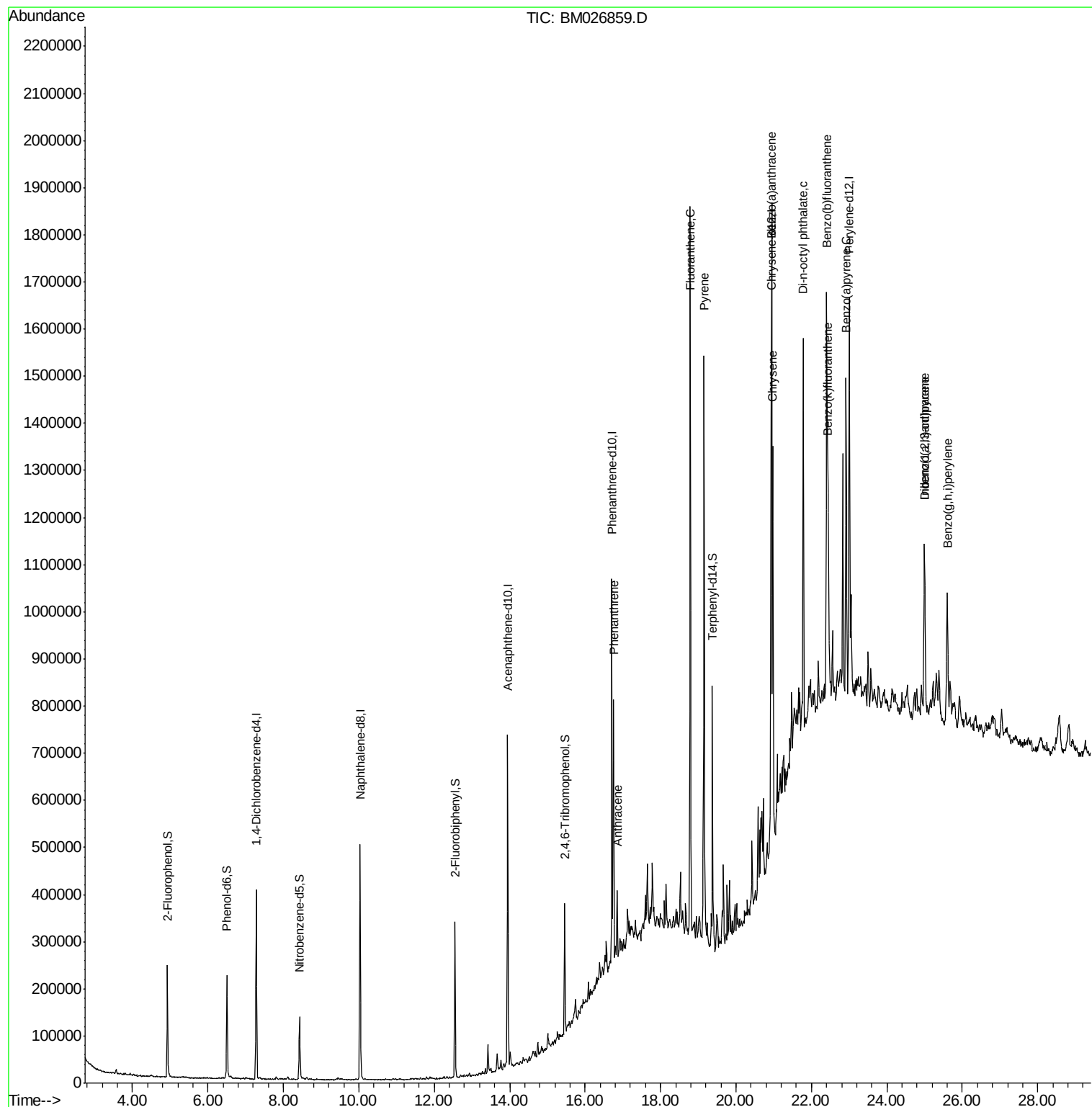
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072320\
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ALS Vial : 13 Sample Multiplier: 1

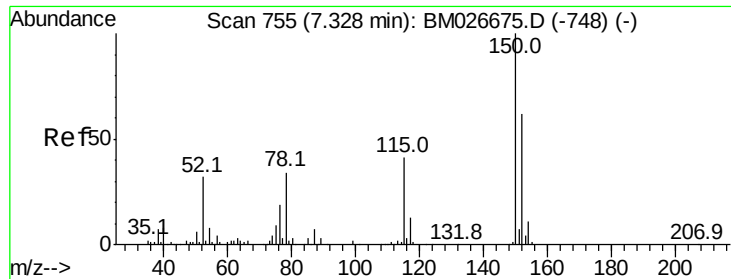
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM070820.M
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#1

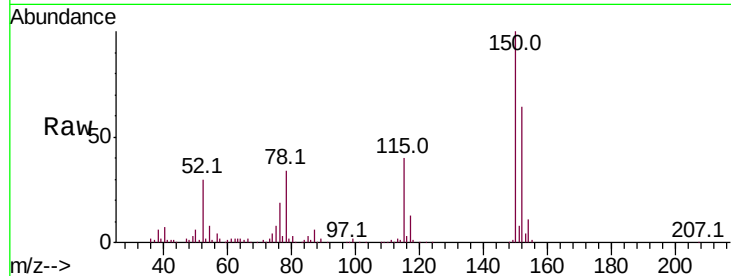
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.28 min Scan# 772
Delta R.T. -0.02 min
Lab File: BM026859.D
Acq: 23 Jul 2020 19:58

Instrument :
BNA_M
ClientSampled :
ETGI-361

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.7	128.1	192.1
115	63.3	52.2	78.4

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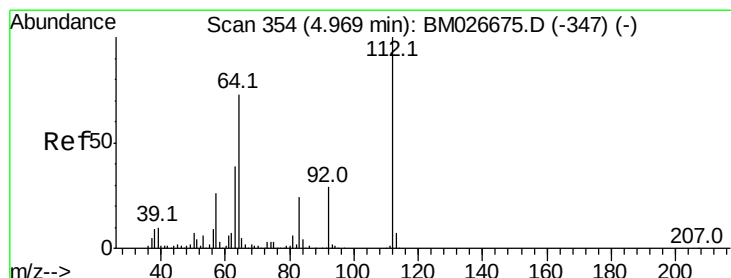
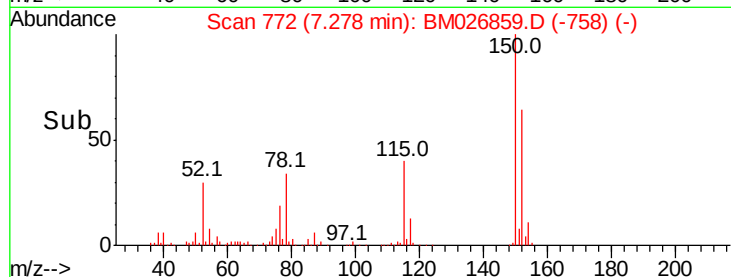
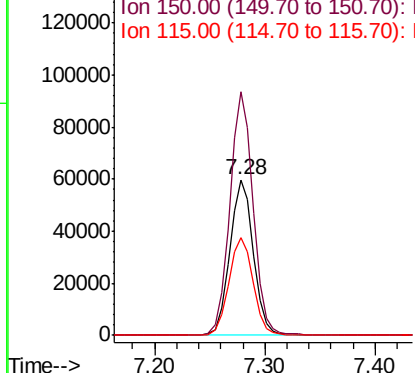


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

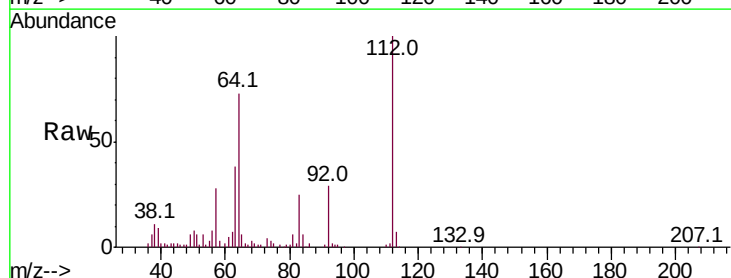
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 15.571 ng
RT: 4.93 min Scan# 372
Delta R.T. -0.02 min
Lab File: BM026859.D
Acq: 23 Jul 2020 19:58

Tgt Ion	Ratio	Lower	Upper
112	100		
64	72.9	58.4	87.6
63	38.5	31.5	47.3

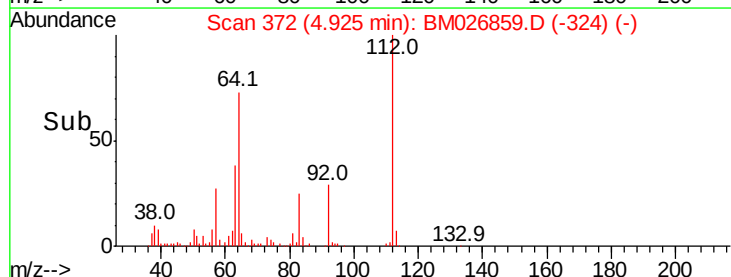
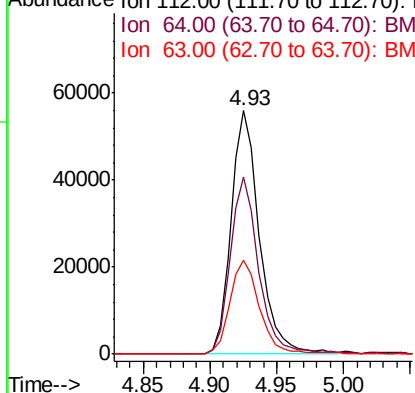


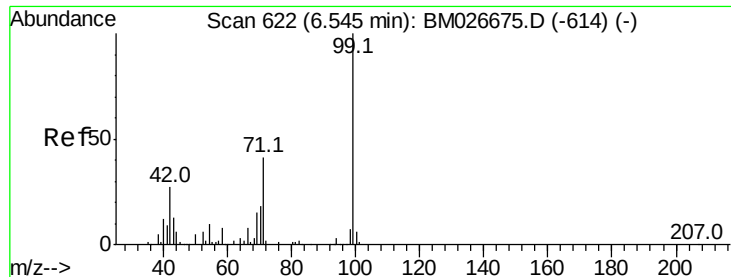
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0





#7

Phenol-d6

Concen: 12.913 ng

RT: 6.50 min Scan# 640

Delta R.T. -0.01 min

Lab File: BM026859.D

Acq: 23 Jul 2020 19:58

Instrument :

BNA_M

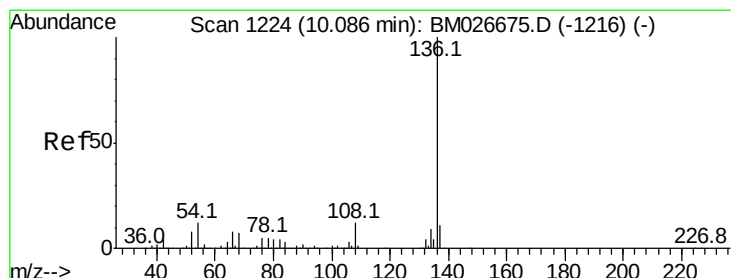
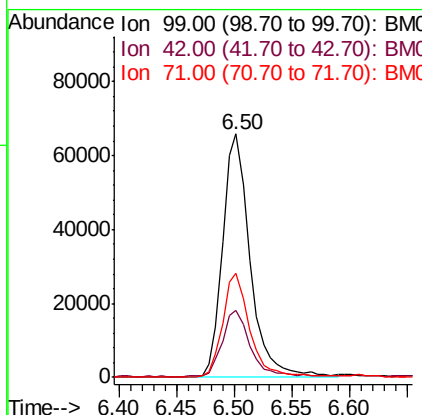
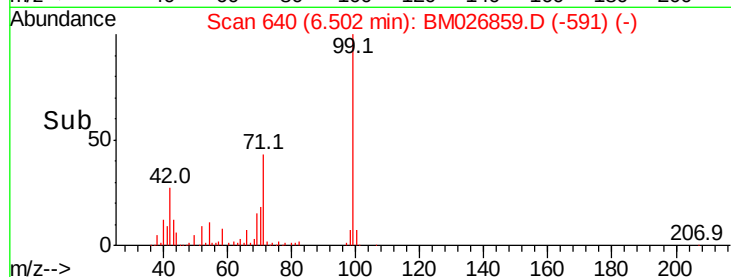
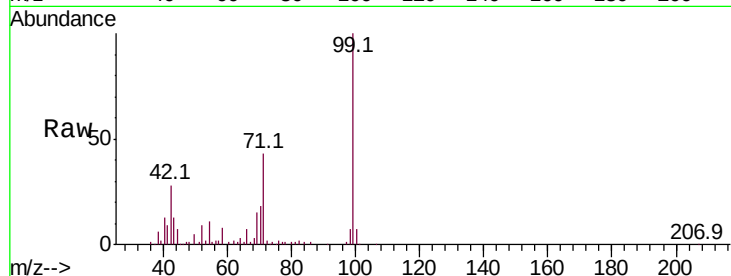
ClientSampled :

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Tot Ion:	99	Resp:	109472
Ion Ratio	Lower	Upper	
99	100		
42	27.7	21.7	32.5
71	42.6	33.2	49.8

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#21

Naphthalene-d8

Concen: 20.000 ng

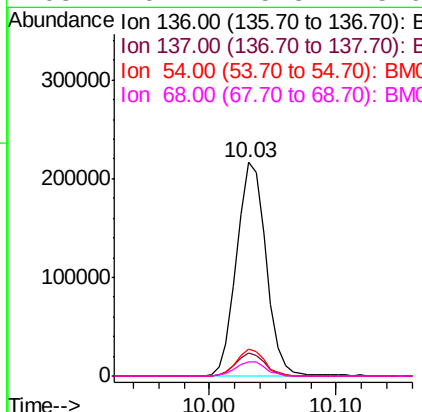
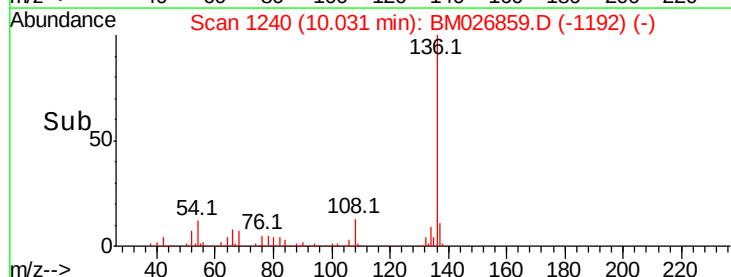
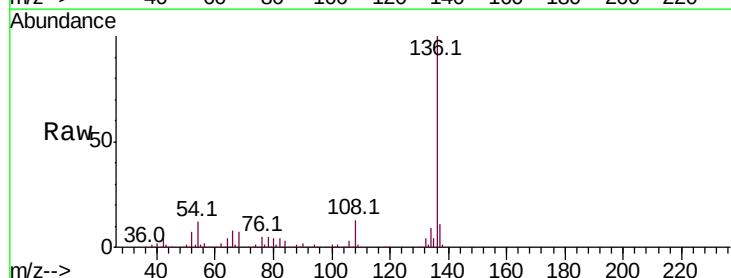
RT: 10.03 min Scan# 1240

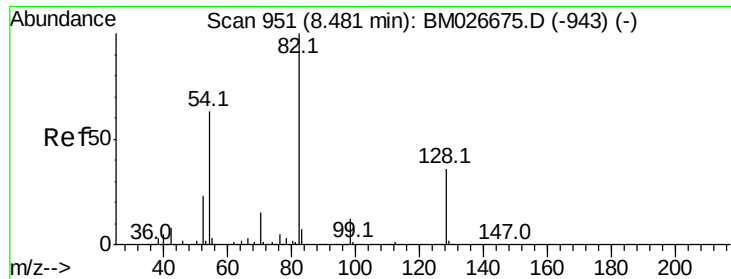
Delta R.T. -0.02 min

Lab File: BM026859.D

Acq: 23 Jul 2020 19:58

Tgt Ion:	136	Resp:	348712
Ion Ratio	Lower	Upper	
136	100		
137	10.8	8.6	12.8
54	12.3	9.8	14.6
68	6.7	5.8	8.6





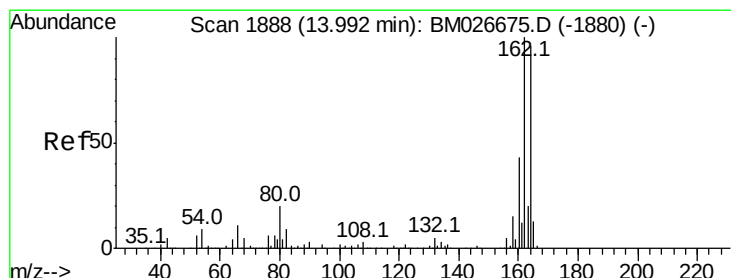
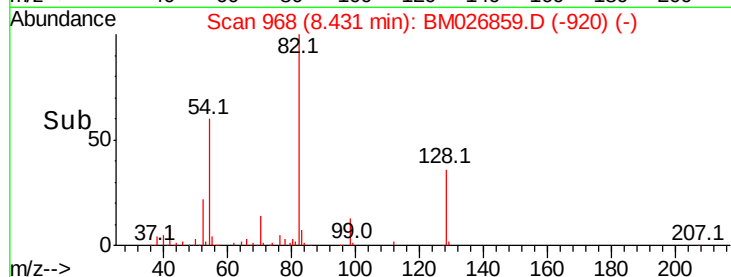
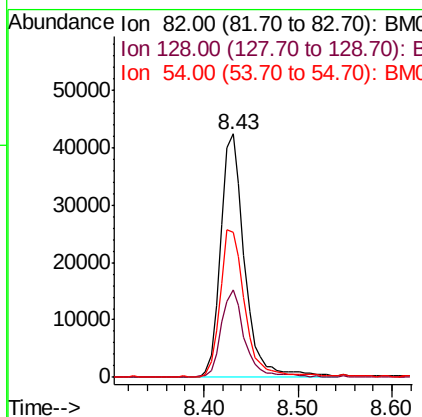
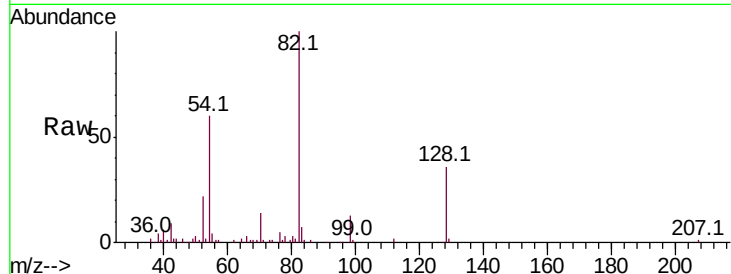
#23
Nitrobenzene-d5
Concen: 9.251 ng
RT: 8.43 min Scan# 968
Delta R.T. -0.02 min
Lab File: BM026859.D
Acq: 23 Jul 2020 19:58

Instrument :
BNA_M
ClientSampled :
ETGI-361

Tot Ion	Ratio	Lower	Upper
82	100		
128	36.2	29.1	43.7
54	59.7	50.2	75.4

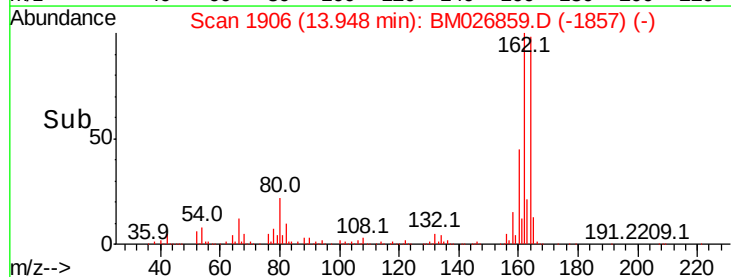
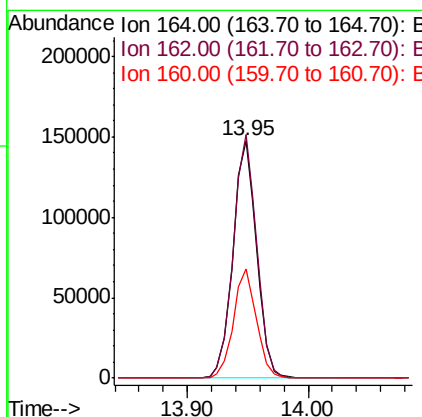
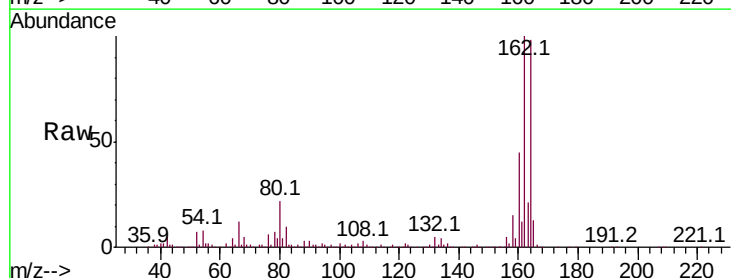
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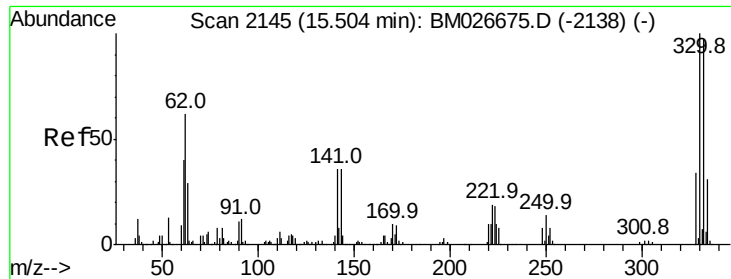
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.95 min Scan# 1906
Delta R.T. -0.01 min
Lab File: BM026859.D
Acq: 23 Jul 2020 19:58

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.5	83.7	125.5
160	46.1	36.2	54.2





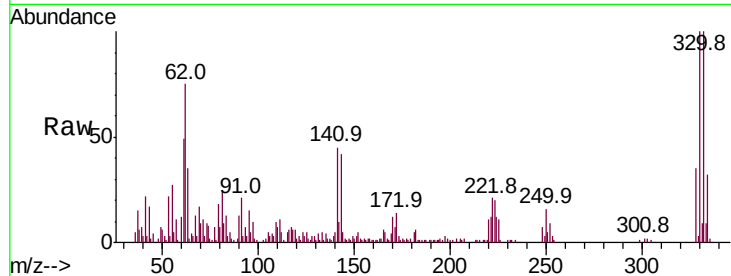
#42
 2,4,6-Tribromophenol
 Concen: 12.892 ng
 RT: 15.46 min Scan# 2163
 Delta R.T. -0.01 min
 Lab File: BM026859.D
 Acq: 23 Jul 2020 19:58

Instrument :
 BNA_M
 ClientSampleId :
 ETGI-361

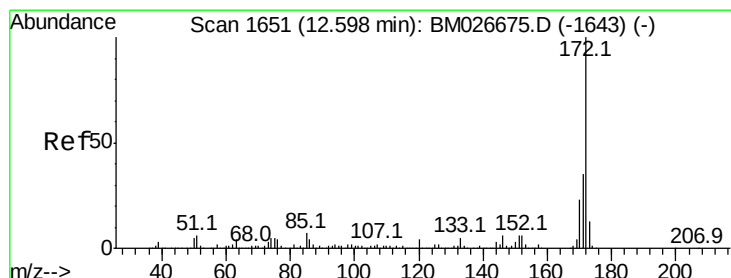
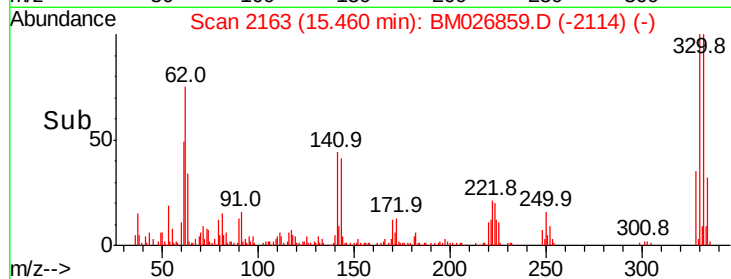
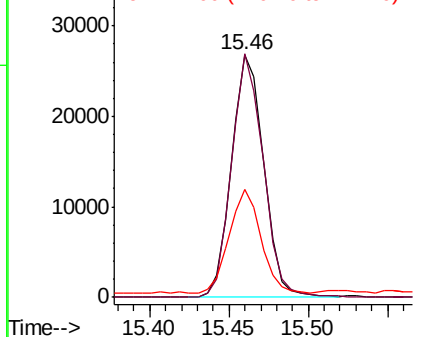
Tot Ion	Ratio	Lower	Upper
330	100		
332	98.3	77.5	116.3
141	42.0	32.4	48.6

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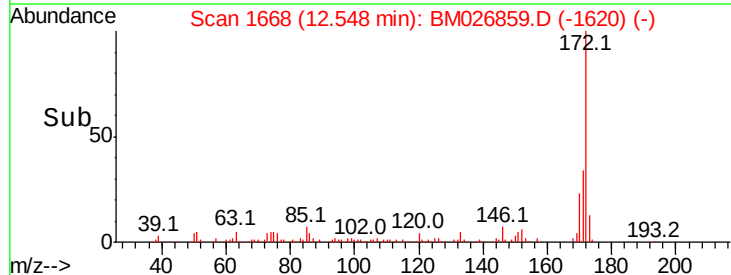
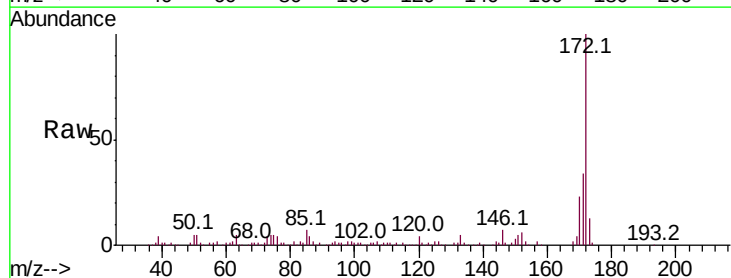
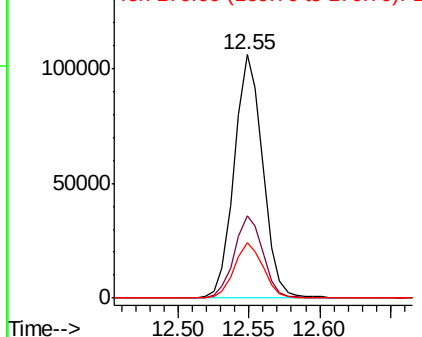
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

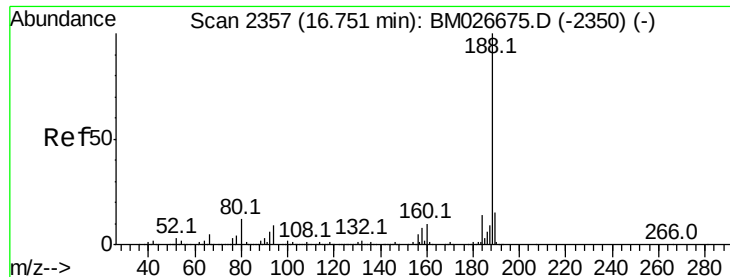


#45
 2-Fluorobiphenyl
 Concen: 9.863 ng
 RT: 12.55 min Scan# 1668
 Delta R.T. -0.02 min
 Lab File: BM026859.D
 Acq: 23 Jul 2020 19:58

Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.6	27.8	41.6
170	22.6	18.5	27.7

Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





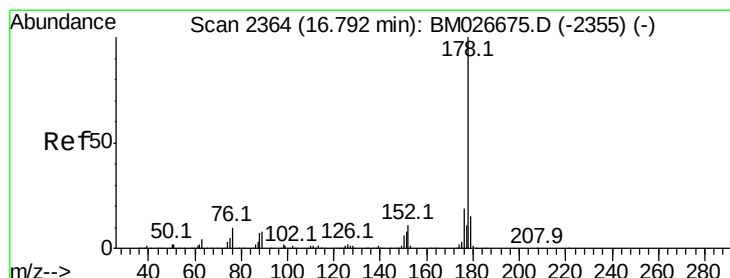
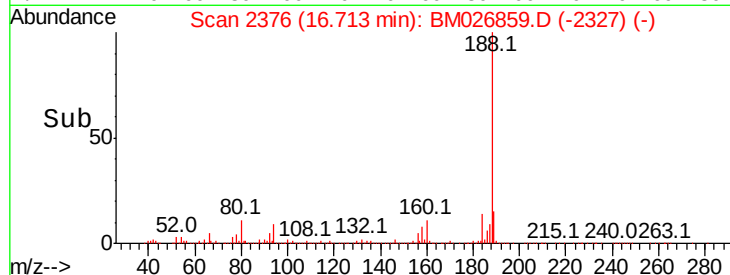
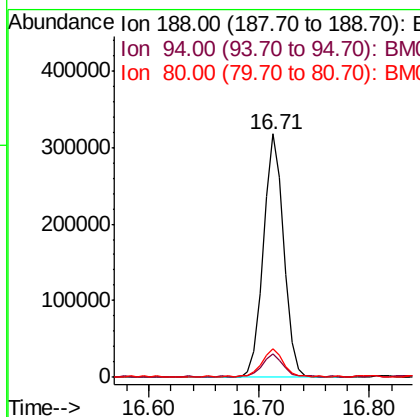
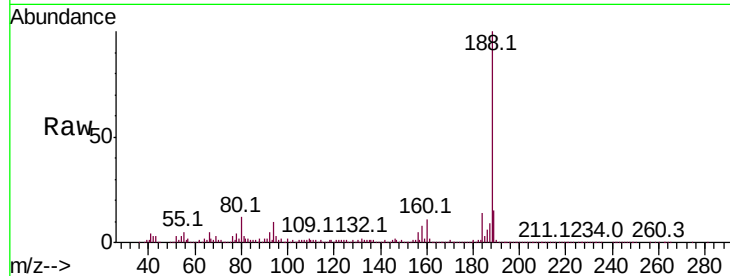
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.71 min Scan# 2376
Delta R.T. -0.01 min
Lab File: BM026859.D
Acq: 23 Jul 2020 19:58

Instrument :
BNA_M
ClientSampleId :
ETGI-361

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	9.5	7.4	11.0	
80	11.5	9.3	13.9	

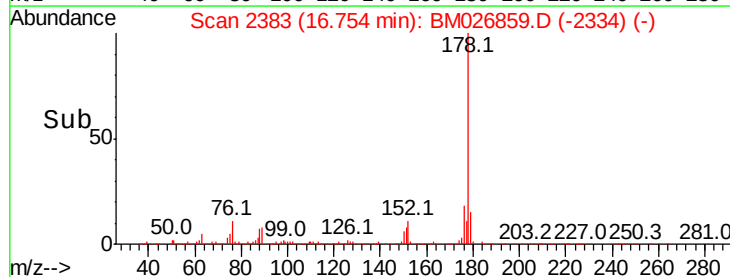
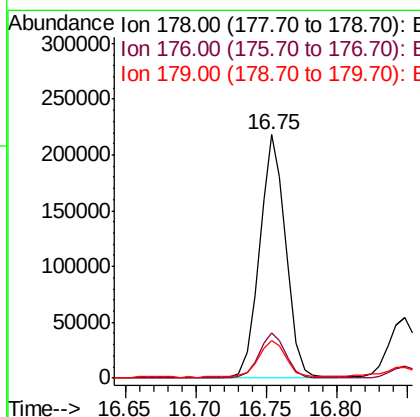
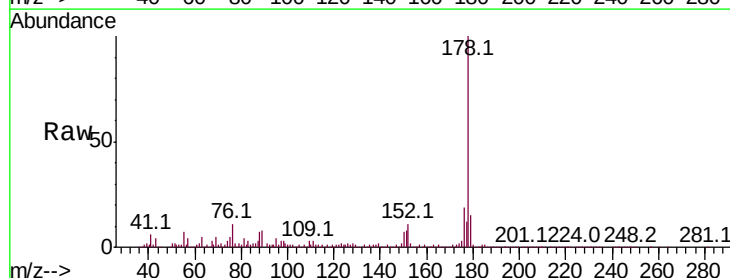
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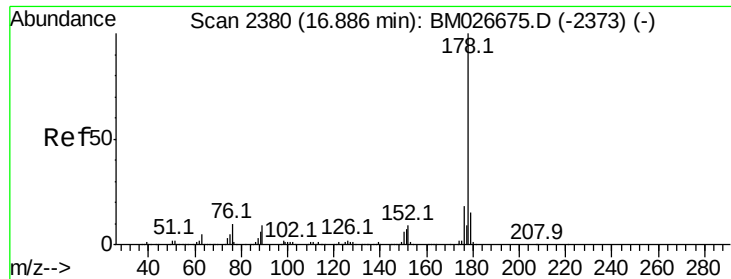
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#71
Phenanthrene
Concen: 11.638 ng
RT: 16.75 min Scan# 2383
Delta R.T. -0.01 min
Lab File: BM026859.D
Acq: 23 Jul 2020 19:58

Tgt Ion	Ratio	Resp	Lower	Upper
178	100			
176	18.7	15.0	22.6	
179	15.2	12.1	18.1	





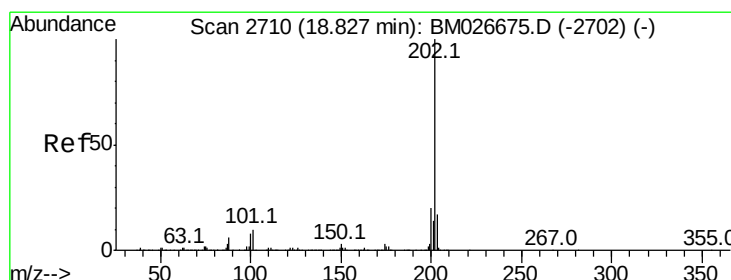
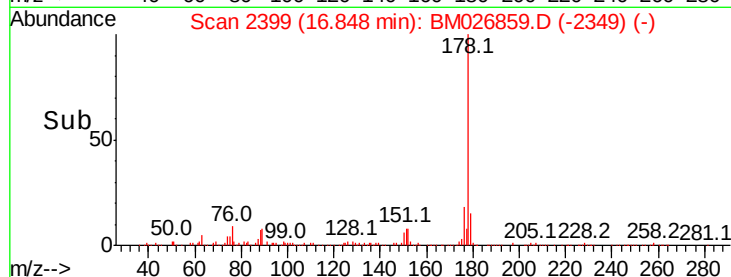
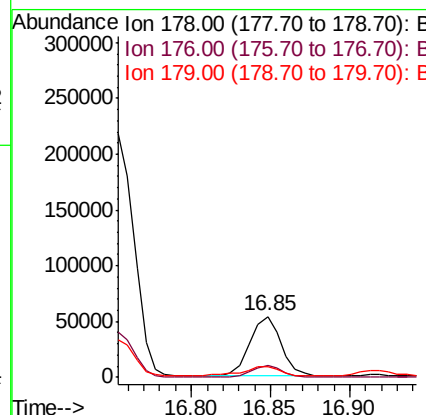
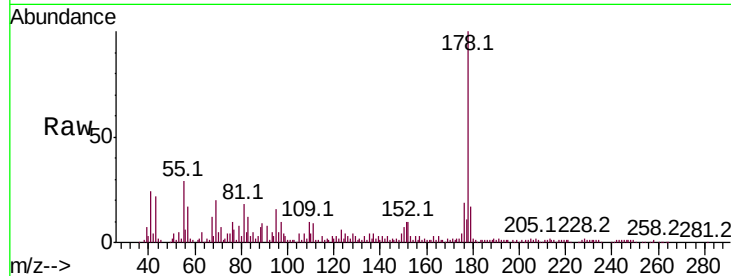
#72
 Anthracene
 Concen: 3.064 ng
 RT: 16.85 min Scan# 2399
 Delta R.T. -0.01 min
 Lab File: BM026859.D
 Acq: 23 Jul 2020 19:58

Instrument :
 BNA_M
 ClientSampled :
 ETGI-361

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.7	22.1
179	17.4	12.1	18.1

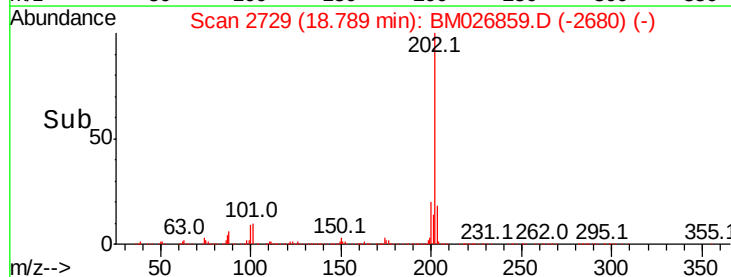
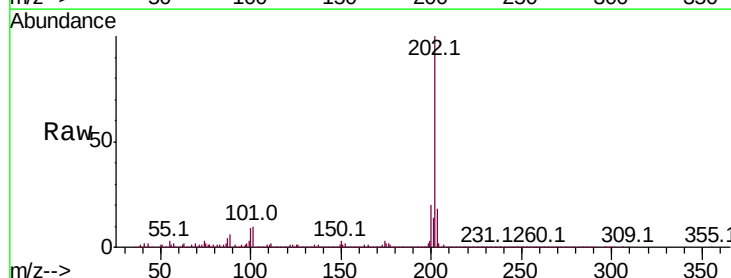
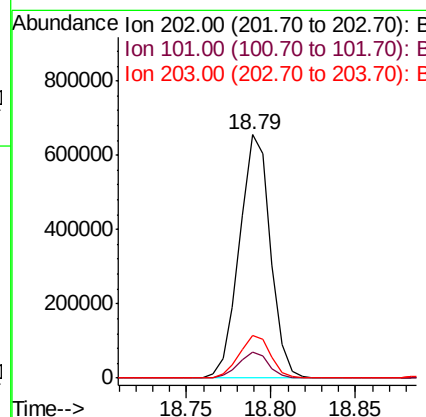
Manual Integrations
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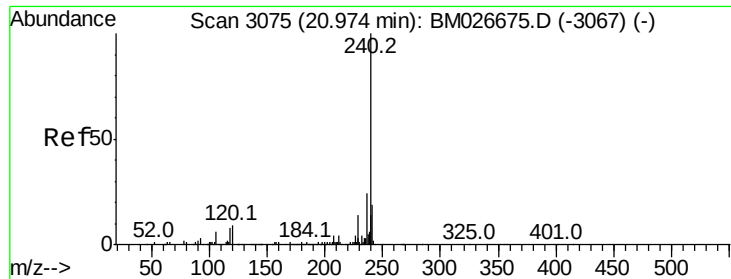
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#75
 Fluoranthene
 Concen: 27.986 ng
 RT: 18.79 min Scan# 2729
 Delta R.T. -0.01 min
 Lab File: BM026859.D
 Acq: 23 Jul 2020 19:58

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.5	0.0	30.1
203	17.7	0.0	37.2





#76

Chrysene-d12

Concen: 20.000 ng

RT: 20.94 min Scan# 3095

Delta R.T. -0.01 min

Lab File: BM026859.D

Acq: 23 Jul 2020 19:58

Instrument :

BNA_M

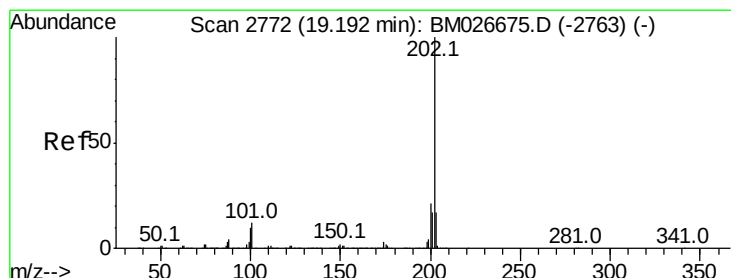
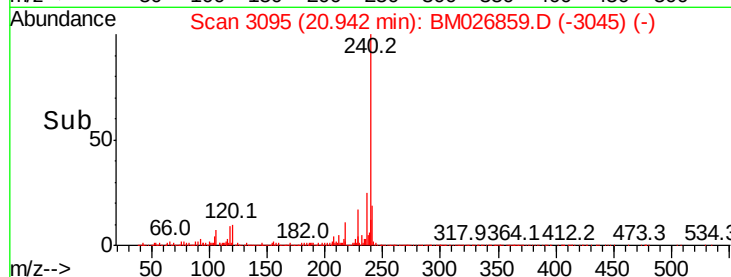
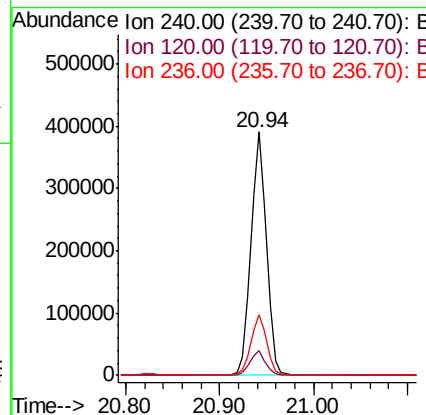
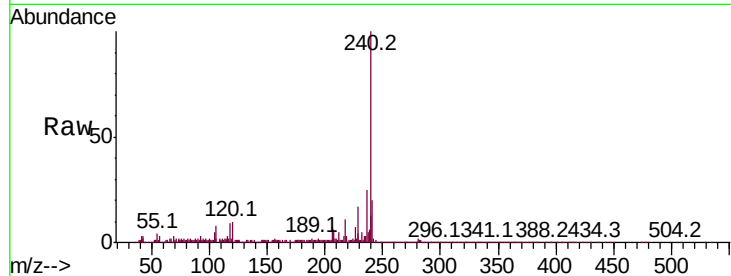
ClientSampled :

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Tot Ion:	240	Resp:	443596
Ion Ratio	Lower	Upper	
240	100		
120	10.1	7.3	10.9
236	25.1	19.4	29.2

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#78

Pyrene

Concen: 25.334 ng

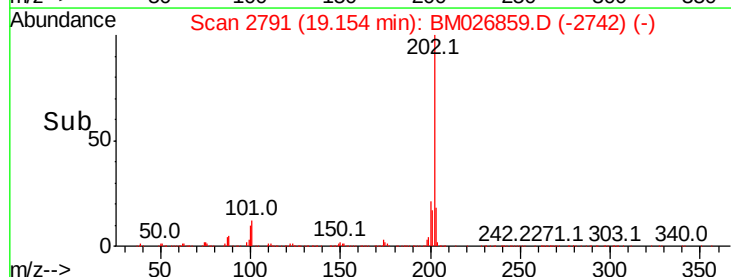
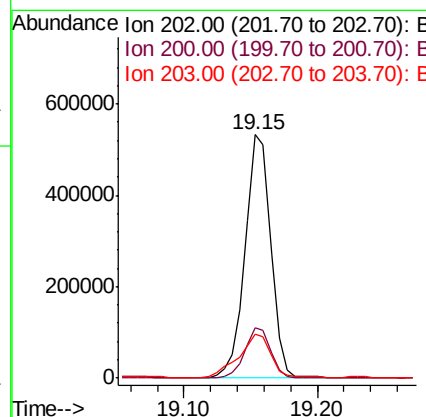
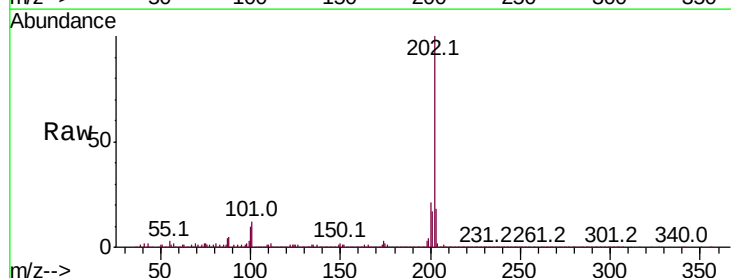
RT: 19.15 min Scan# 2791

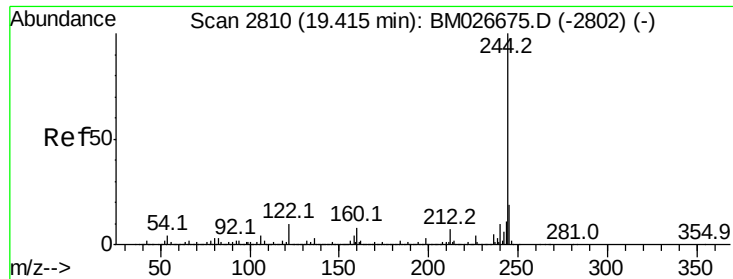
Delta R.T. -0.01 min

Lab File: BM026859.D

Acq: 23 Jul 2020 19:58

Tgt Ion:	202	Resp:	707926
Ion Ratio	Lower	Upper	
202	100		
200	20.5	16.6	24.8
203	18.1	13.7	20.5





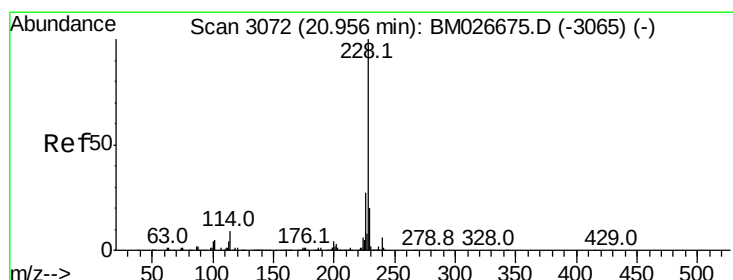
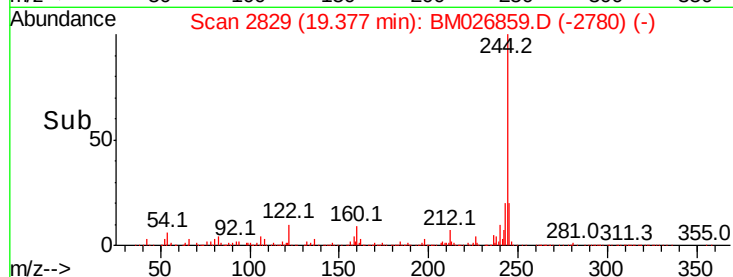
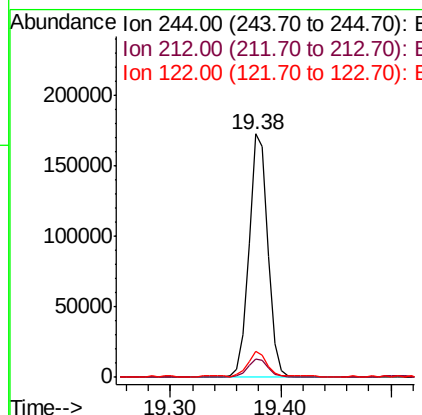
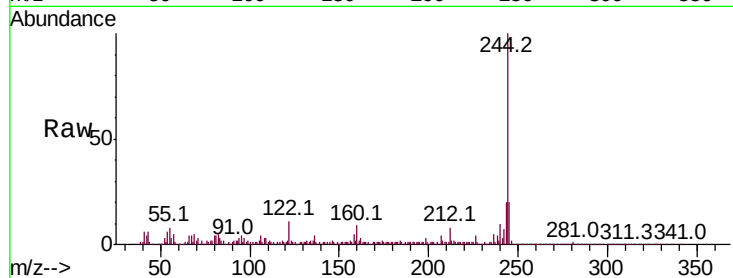
#79
 Terphenyl-d14
 Concen: 9.120 ng
 RT: 19.38 min Scan# 2829
 Delta R.T. -0.01 min
 Lab File: BM026859.D
 Acq: 23 Jul 2020 19:58

Instrument :
 BNA_M
 ClientSampleId :
 ETGI-361

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.9	8.9
122	10.7	8.2	12.4

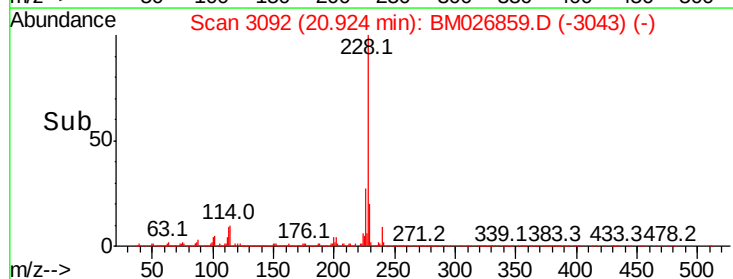
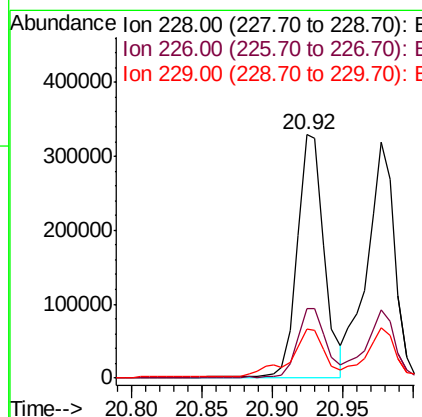
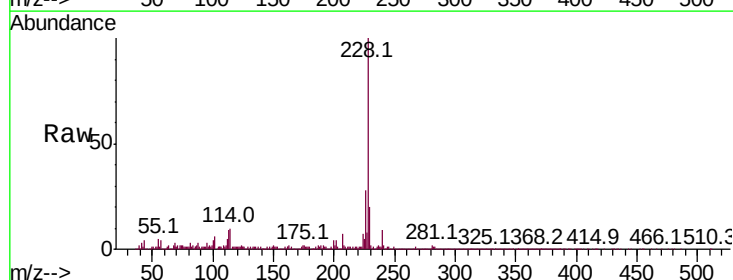
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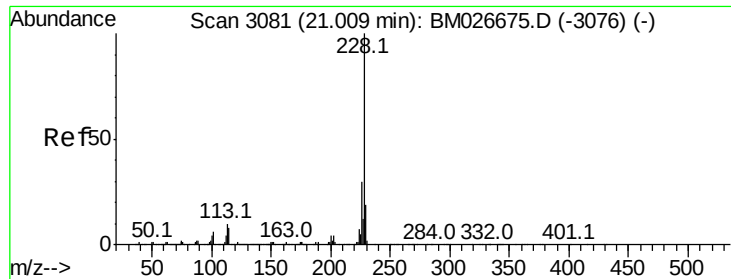
Sohil
 7/24/2020 12:16:29 PM



#81
 Benzo(a)anthracene
 Concen: 14.527 ng
 RT: 20.92 min Scan# 3092
 Delta R.T. -0.01 min
 Lab File: BM026859.D
 Acq: 23 Jul 2020 19:58

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.3	21.4	32.2
229	20.2	15.6	23.4





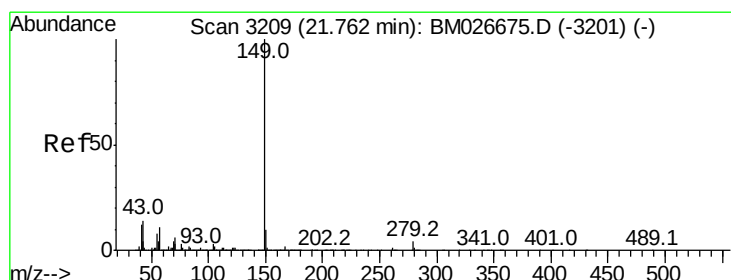
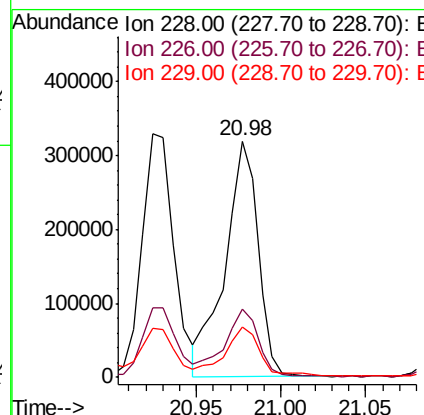
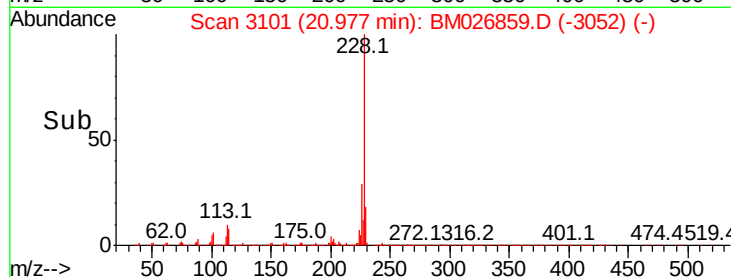
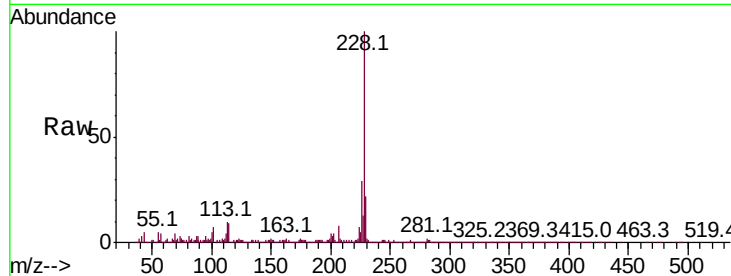
#83
Chrysene
Concen: 14.907 ng
RT: 20.98 min Scan# 3101
Delta R.T. -0.01 min
Lab File: BM026859.D
Acq: 23 Jul 2020 19:58

Instrument :
BNA_M
ClientSampled :
ETGI-361

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.9	23.7	35.5
229	21.6	15.4	23.0

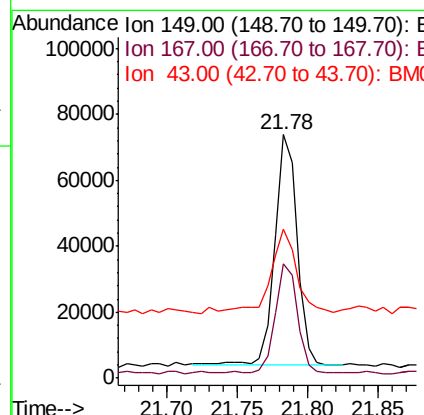
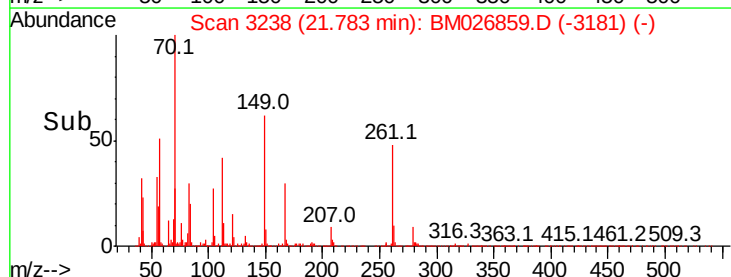
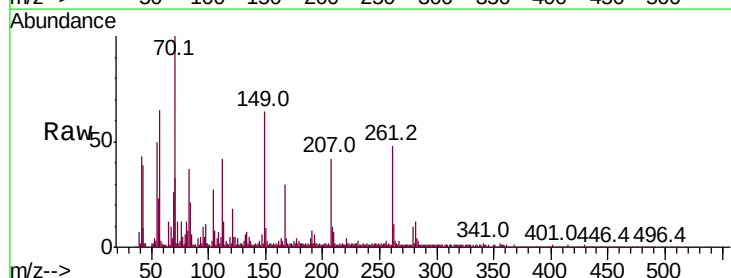
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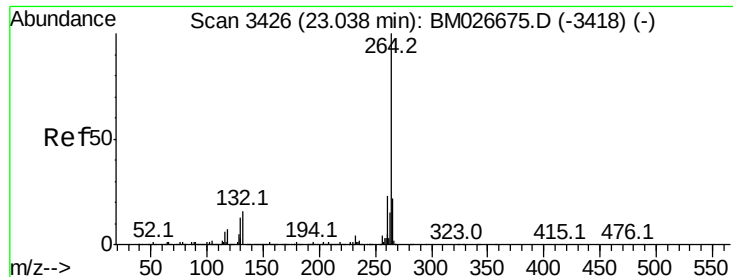
Sohil
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#85
Di-n-octyl phthalate
Concen: 2.242 ng
RT: 21.78 min Scan# 3238
Delta R.T. 0.04 min
Lab File: BM026859.D
Acq: 23 Jul 2020 19:58

Tgt Ion	Ratio	Lower	Upper
149	100		
167	47.9	1.3	1.9#
43	41.7	11.2	16.8#





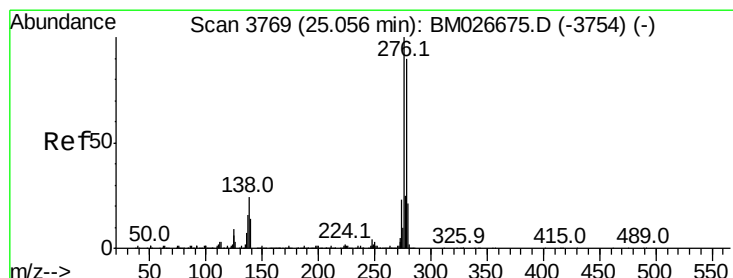
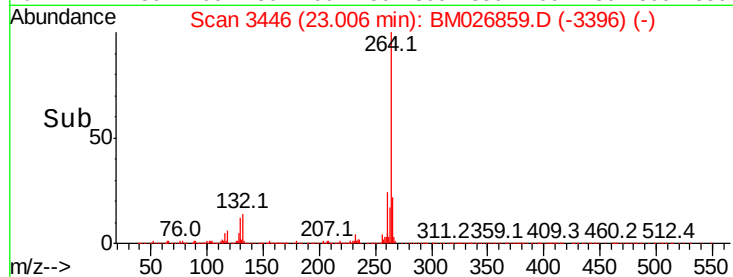
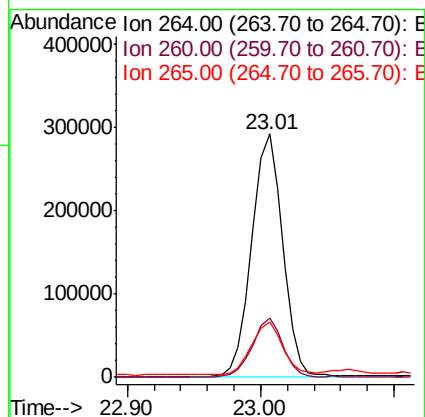
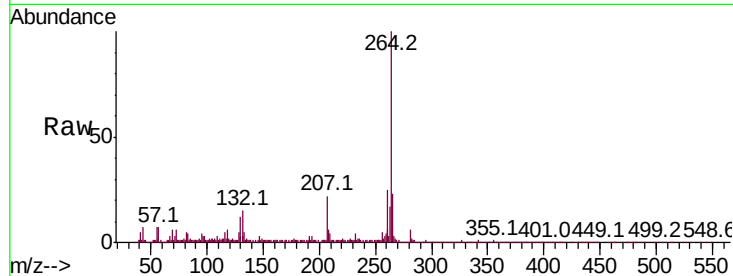
#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.01 min Scan# 3446
Delta R.T. -0.01 min
Lab File: BM026859.D
Acq: 23 Jul 2020 19:58

Instrument :
BNA_M
ClientSampleId :
ETGI-361

Tot Ion:	264	Resp:	464282
Ion Ratio	Lower	Upper	
264	100		
260	24.5	18.2	27.2
265	22.6	17.6	26.4

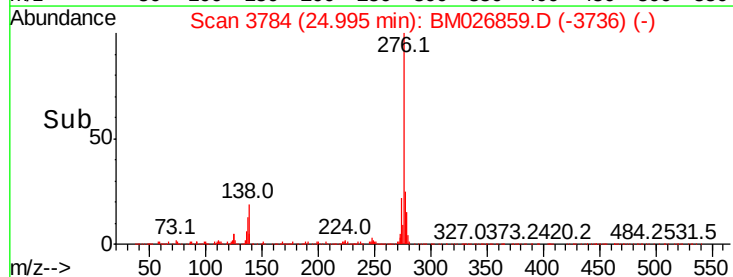
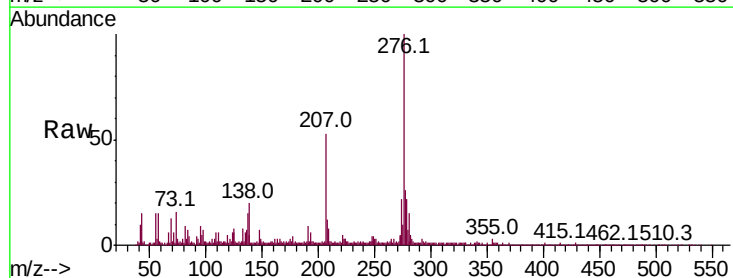
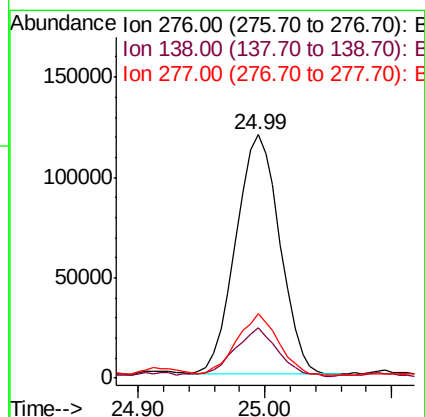
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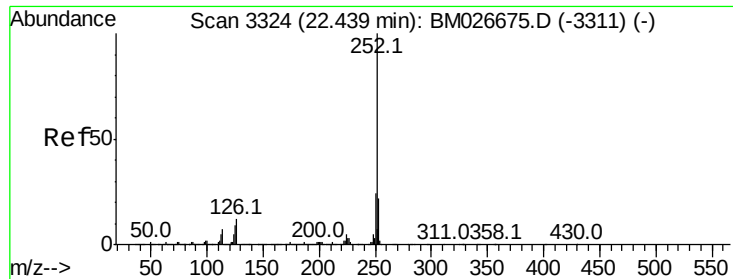
Sohil
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#87
Indeno(1,2,3-cd)pyrene
Concen: 8.711 ng
RT: 24.99 min Scan# 3784
Delta R.T. -0.02 min
Lab File: BM026859.D
Acq: 23 Jul 2020 19:58

Tgt Ion:	276	Resp:	287906
Ion Ratio	Lower	Upper	
276	100		
138	19.5	18.4	27.6
277	24.8	20.0	30.0





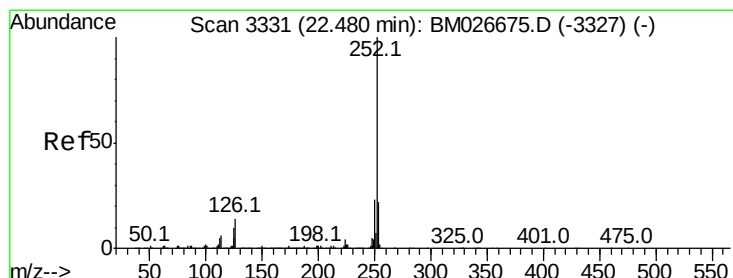
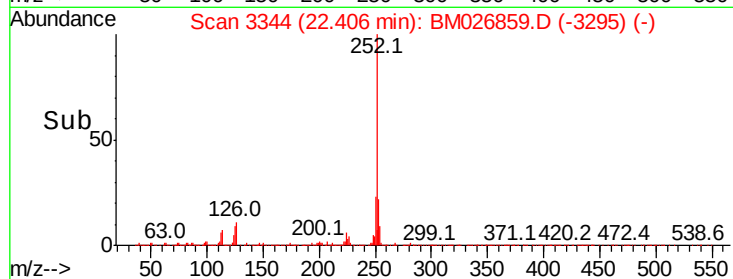
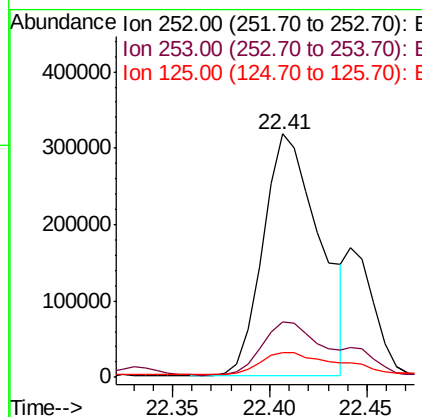
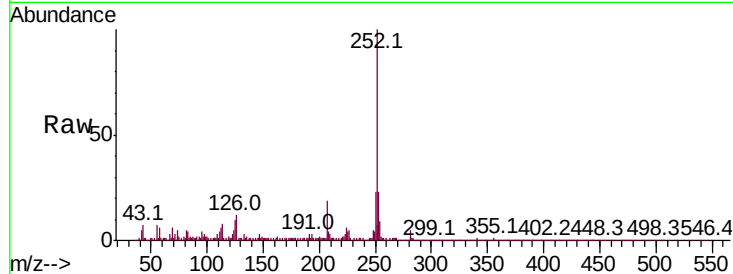
#88
Benzo(b)fluoranthene
Concen: 20.932 ng m
RT: 22.41 min Scan# 3344
Delta R.T. -0.01 min
Lab File: BM026859.D
Acq: 23 Jul 2020 19:58

Instrument :
BNA_M
ClientSampleId :
ETGI-361

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.5	26.3
125	10.1	7.5	11.3

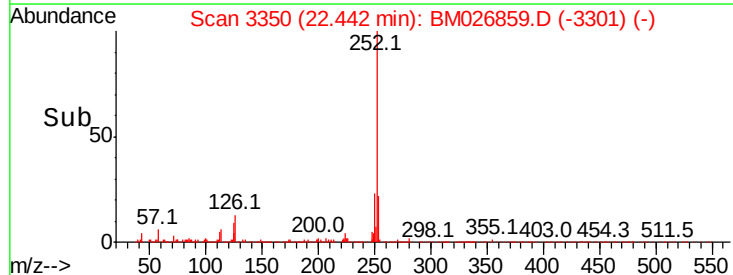
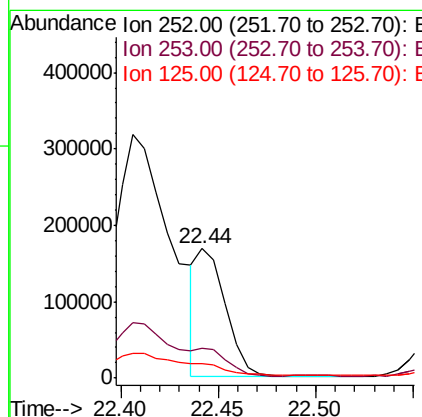
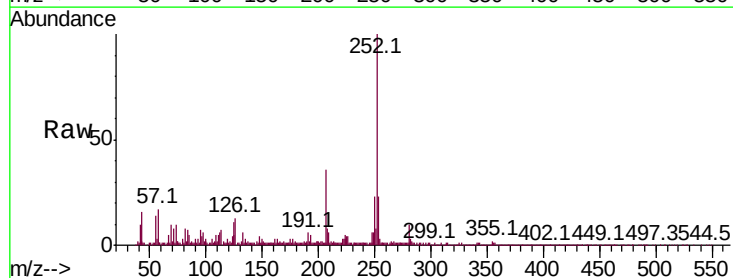
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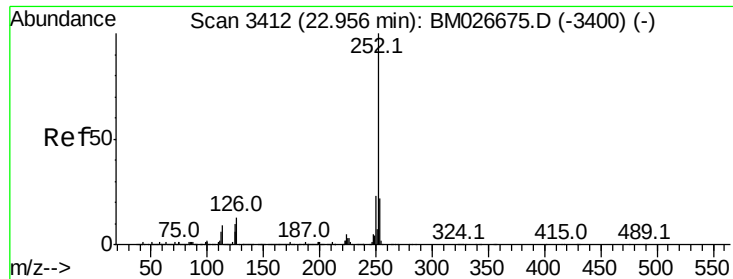
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#89
Benzo(k)fluoranthene
Concen: 5.610 ng m
RT: 22.44 min Scan# 3350
Delta R.T. -0.01 min
Lab File: BM026859.D
Acq: 23 Jul 2020 19:58

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.5	26.3
125	11.1	7.8	11.8





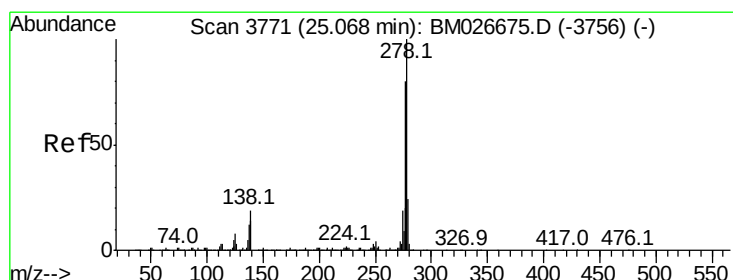
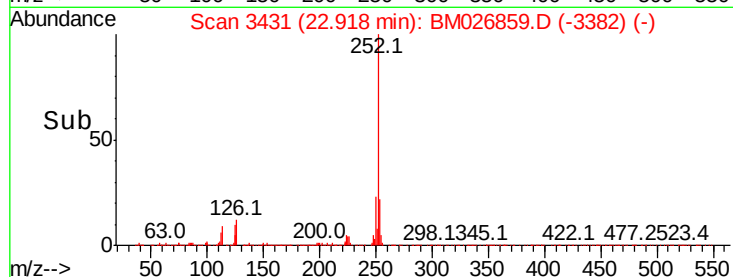
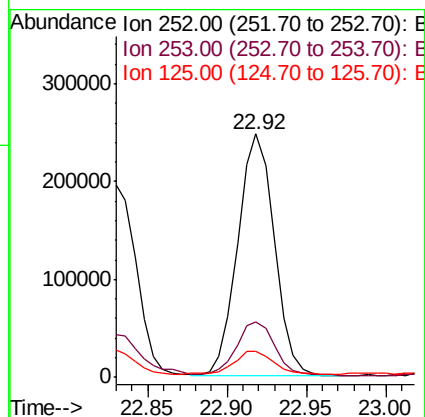
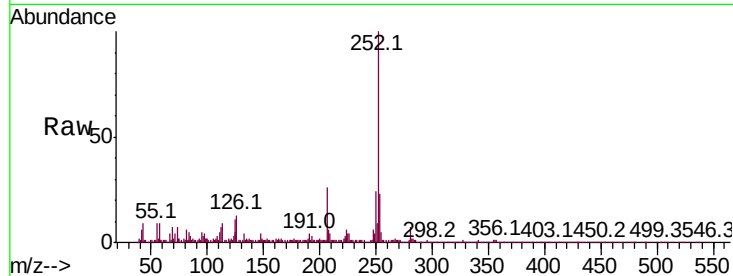
#90
Benzo(a)pyrene
Concen: 13.982 ng
RT: 22.92 min Scan# 3431
Delta R.T. -0.01 min
Lab File: BM026859.D
Acq: 23 Jul 2020 19:58

Instrument :
BNA_M
ClientSampleId :
ETGI-361

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.4	26.2
125	10.7	8.2	12.4

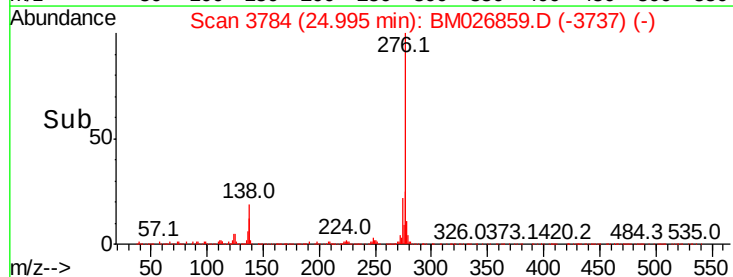
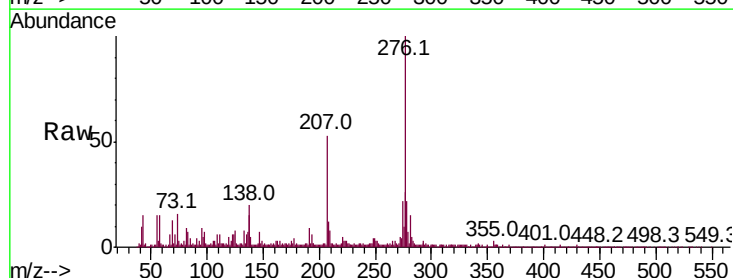
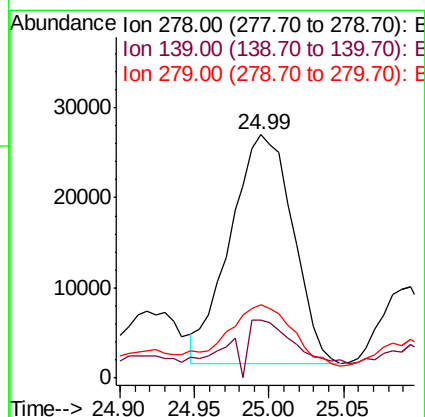
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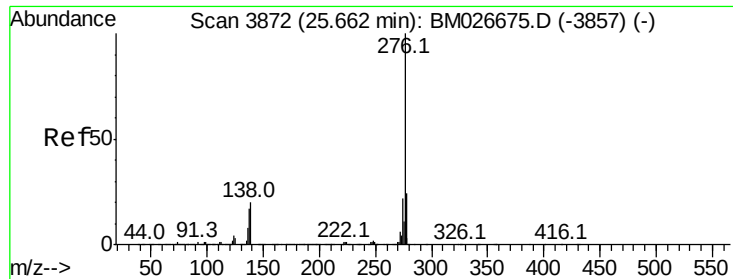
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#91
Dibenzo(a,h)anthracene
Concen: 2.655 ng
RT: 24.99 min Scan# 3784
Delta R.T. -0.02 min
Lab File: BM026859.D
Acq: 23 Jul 2020 19:58

Tgt Ion	Ratio	Lower	Upper
278	100		
139	24.0	11.2	16.8#
279	30.0	19.0	28.4#





#92
 Benzo(a,h,i)perylene
 Concen: 11.035 ng
 RT: 25.60 min Scan# 3887
 Delta R.T. -0.01 min
 Lab File: BM026859.D
 Acq: 23 Jul 2020 19:58

Instrument :
 BNA_M
 ClientSampleId :
 ETGI-361

Tot Ion	Ratio	Resp Lower	Upper
276	100		
277	24.6	19.1	28.7
138	19.7	15.8	23.8

Manual Integrations
 APPROVED

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 7/24/2020 12:16:29 PM

