

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082120\
 Data File : BM027178.D
 Acq On : 21 Aug 2020 20:16
 Operator : JU/CG
 Sample : L3720-07
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MP-081920-BD-0-2-COMP

Manual Integrations
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Sohil
 8/24/2020 1:48:38 PM

Quant Time: Aug 22 06:00:55 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082120.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 21 15:18:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	60578	20.00	ng	0.00
21) Naphthalene-d8	10.39	136	221055	20.00	ng	0.00
39) Acenaphthene-d10	14.25	164	151956	20.00	ng	0.00
64) Phenanthrene-d10	16.99	188	367391	20.00	ng	0.00
76) Chrysene-d12	21.19	240	629635	20.00	ng	0.00
86) Perylene-d12	23.38	264	770799	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	295308	95.03	ng	0.00
7) Phenol-d6	6.79	99	378229	88.65	ng	0.00
23) Nitrobenzene-d5	8.76	82	321585	60.02	ng	0.00
42) 2,4,6-Tribromophenol	15.74	330	190014	77.22	ng	0.00
45) 2-Fluorobiphenyl	12.87	172	563624	48.72	ng	0.00
79) Terphenyl-d14	19.64	244	1139873	33.82	ng	0.00
Target Compounds						
50) Dimethylphthalate	13.71	163	112359	9.108	ng	98
71) Phenanthrene	17.03	178	149190	7.305	ng	99
75) Fluoranthene	19.06	202	377917	14.813	ng	99
78) Pyrene	19.42	202	380816	9.940	ng	100
81) Benzo(a)anthracene	21.17	228	292032	7.158	ng	97
83) Chrysene	21.23	228	266054	6.714	ng	98
87) Indeno(1,2,3-cd)pyrene	25.55	276	193484	3.207	ng	99
88) Benzo(b)fluoranthene	22.73	252	404904m	7.878	ng	
89) Benzo(k)fluoranthene	22.77	252	127968m	2.543	ng	
90) Benzo(a)pyrene	23.28	252	306752	6.537	ng	98
92) Benzo(g,h,i)perylene	26.22	276	192652	3.983	ng	100

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

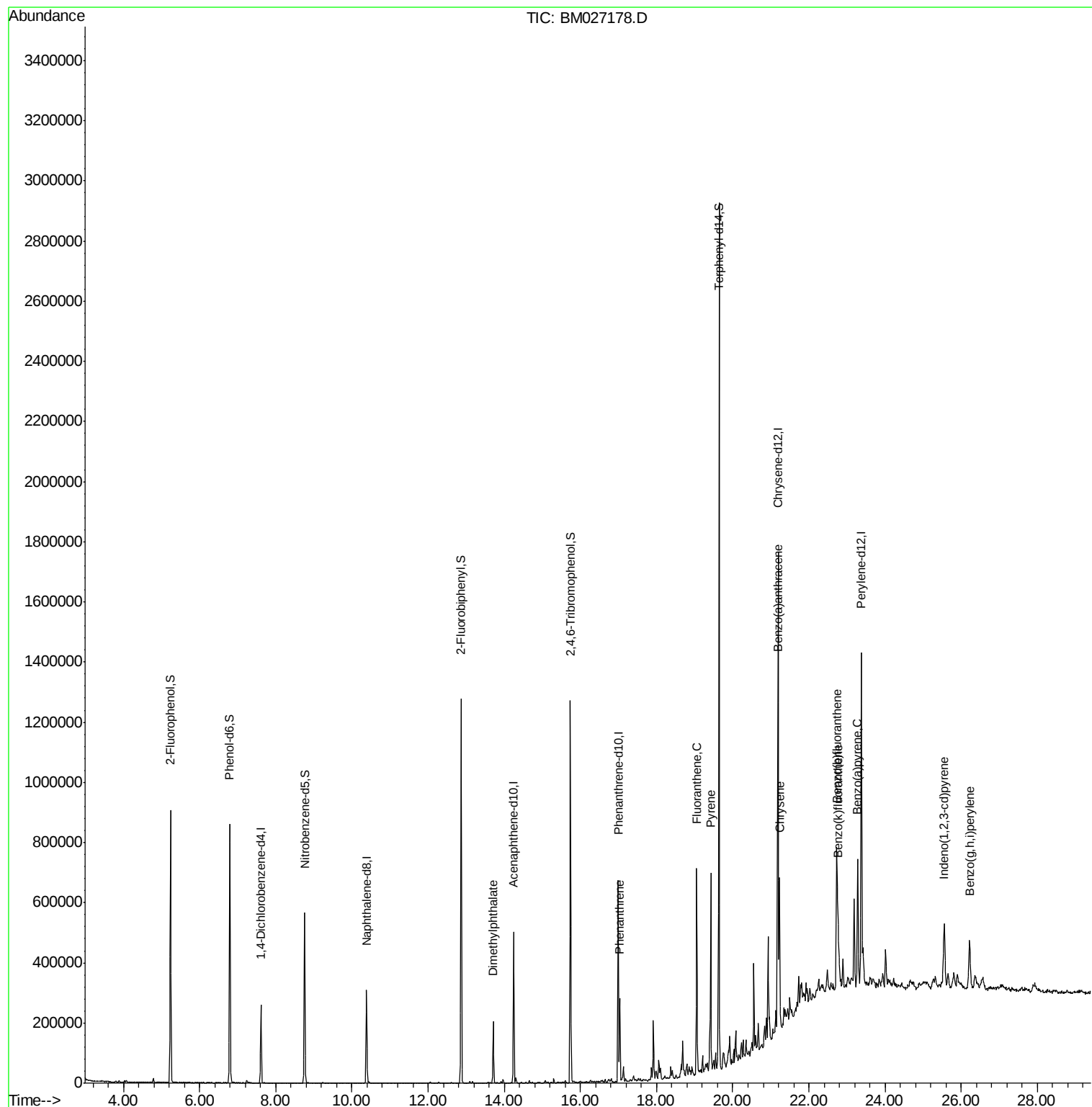
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082120\
Data File : BM027178.D
Acq On : 21 Aug 2020 20:16
Operator : JU/CG
Sample : L3720-07
Misc :
ALS Vial : 6 Sample Multiplier: 1

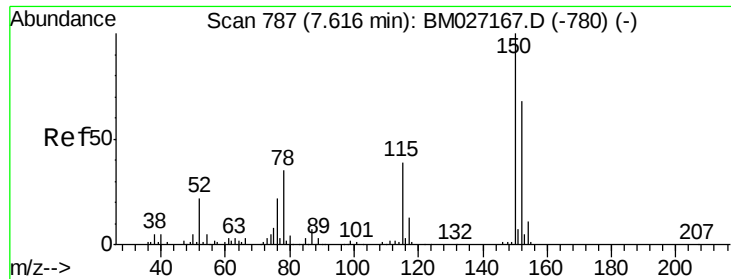
Instrument :
BNA_M
ClientSampleId :
MP-081920-BD-0-2-COMP

Manual Integrations
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Quant Time: Aug 22 06:00:55 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082120.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





#1

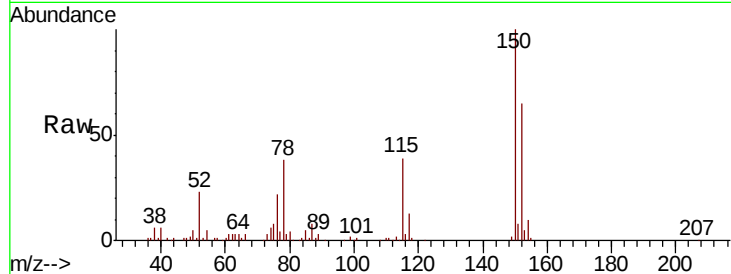
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.61 min Scan# 786
Delta R.T. -0.01 min
Lab File: BM027178.D
Acq: 21 Aug 2020 20:16

Instrument :
BNA_M
ClientSampleId :
MP-081920-BD-0-2-COMP

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.7	118.2	177.4
115	59.8	46.1	69.1

Manual Integrations
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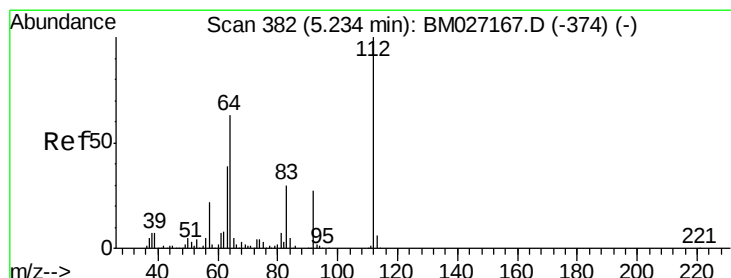
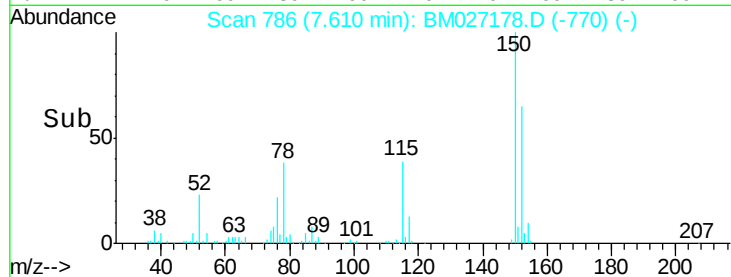
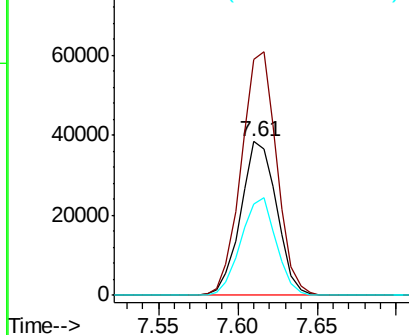


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

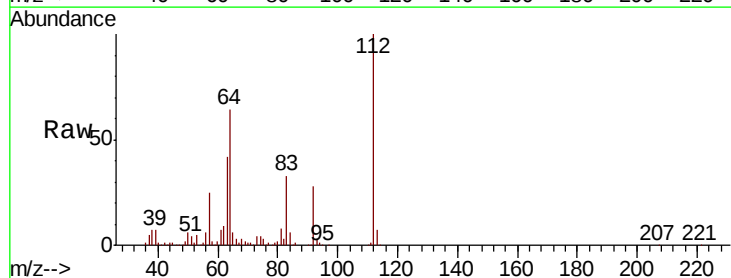
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 95.033 ng
RT: 5.23 min Scan# 382
Delta R.T. 0.00 min
Lab File: BM027178.D
Acq: 21 Aug 2020 20:16

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.7	50.0	75.0
63	41.6	31.6	47.4

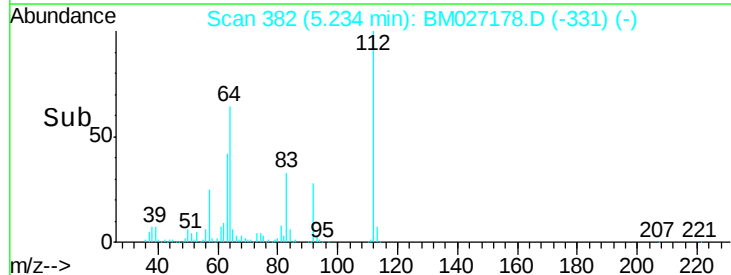
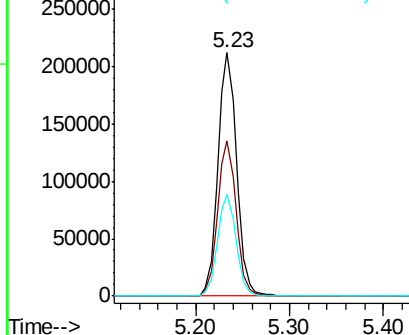


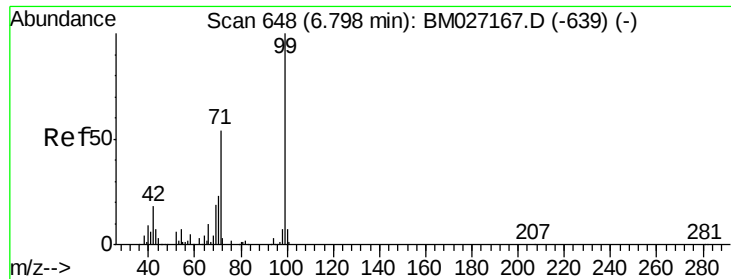
Abundance

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: 88.650 ng

RT: 6.79 min Scan# 647

Delta R.T. -0.01 min

Lab File: BM027178.D

Acq: 21 Aug 2020 20:16

Instrument :

BNA_M

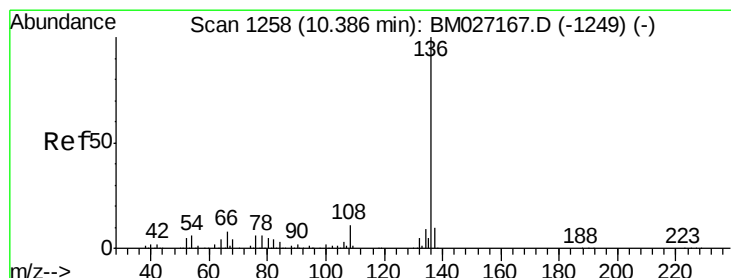
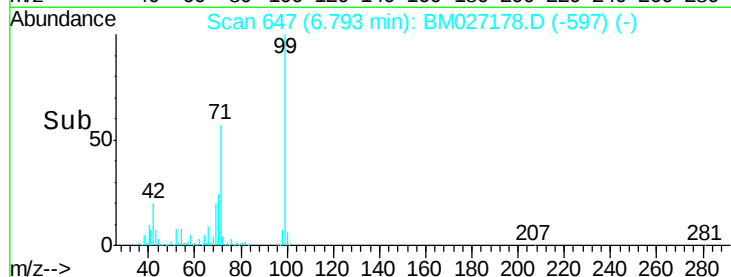
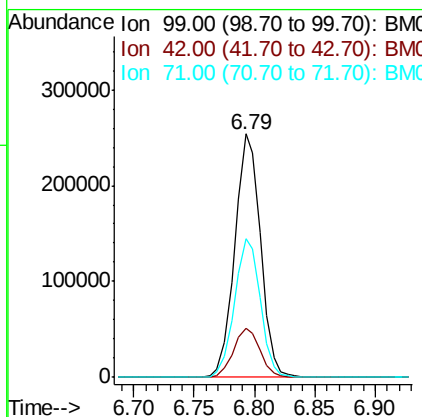
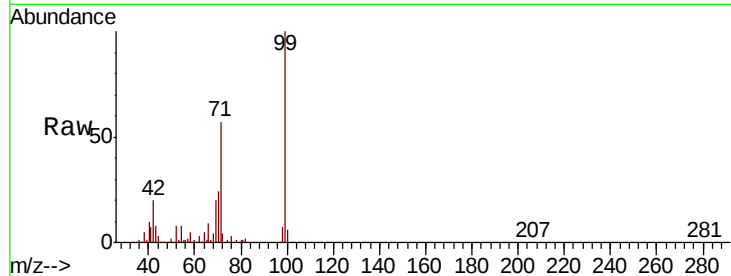
ClientSampleId :

MP-081920-BD-0-2-COMP

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		378229		
42	20.1	14.5	21.7		
71	56.9	43.0	64.4		

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#21

Naphthalene-d8

Concen: 20.000 ng

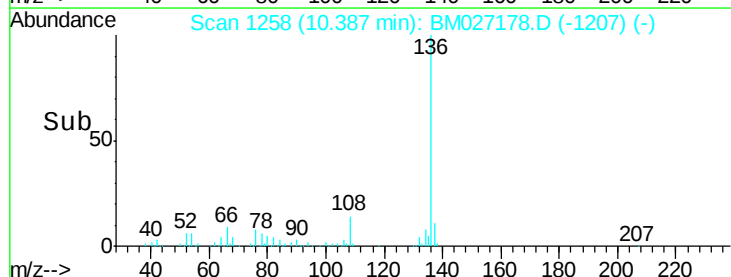
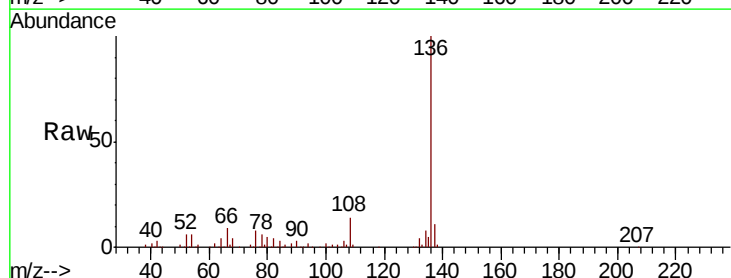
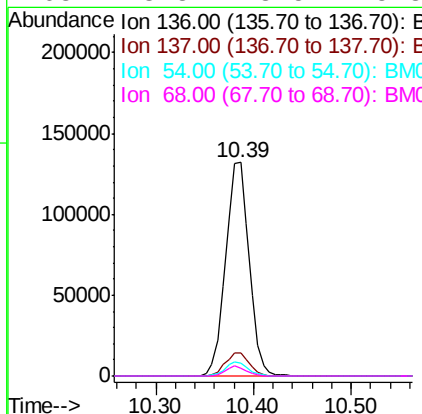
RT: 10.39 min Scan# 1258

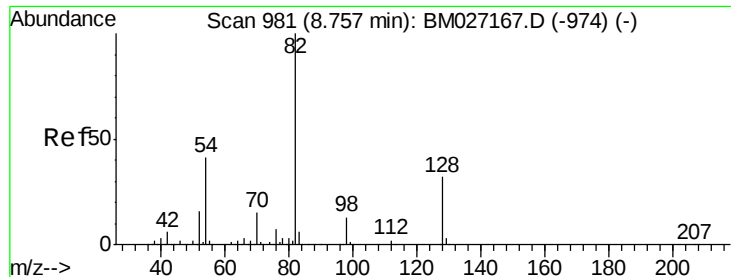
Delta R.T. 0.00 min

Lab File: BM027178.D

Acq: 21 Aug 2020 20:16

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		221055		
137	10.6	8.2	12.4		
54	6.2	4.8	7.2		
68	3.8	3.5	5.3		





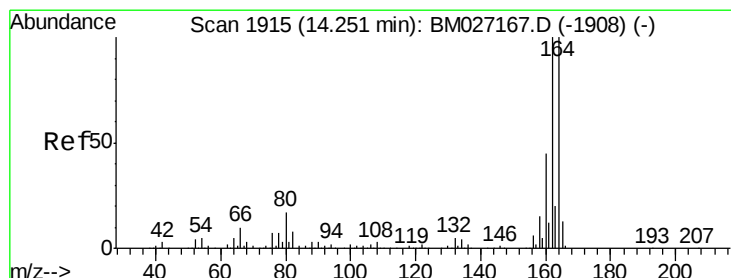
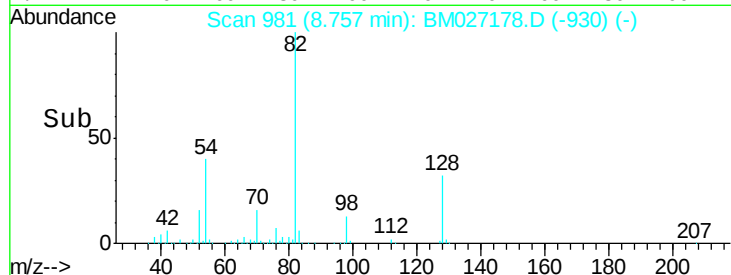
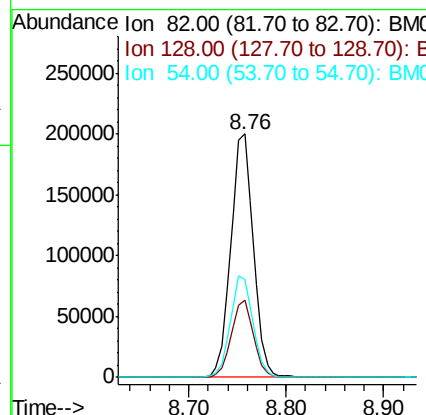
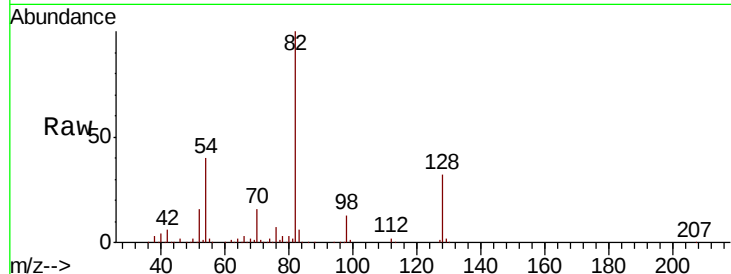
#23
Nitrobenzene-d5
Concen: 60.020 ng
RT: 8.76 min Scan# 981
Delta R.T. 0.00 min
Lab File: BM027178.D
Acq: 21 Aug 2020 20:16

Instrument :
BNA_M
ClientSampleId :
MP-081920-BD-0-2-COMP

Tot Ion	Ratio	Lower	Upper
82	100		
128	32.0	25.7	38.5
54	40.3	33.0	49.4

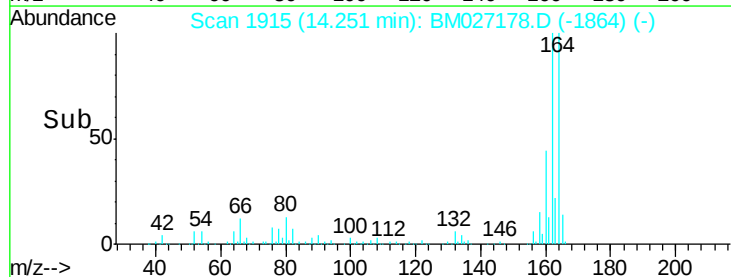
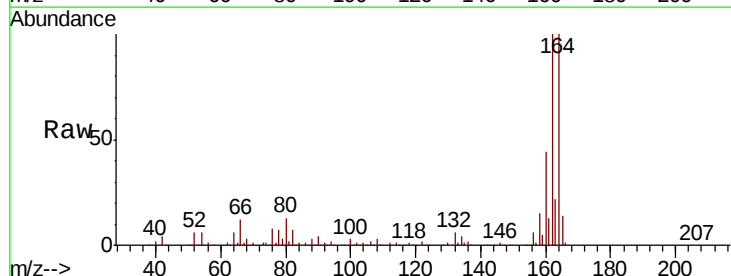
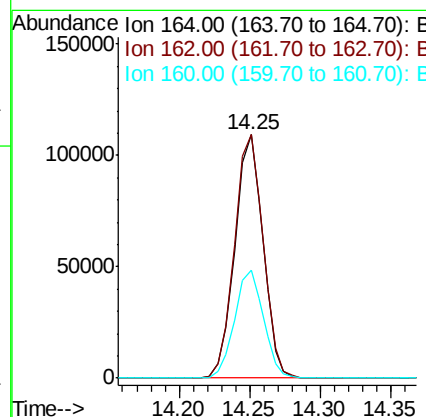
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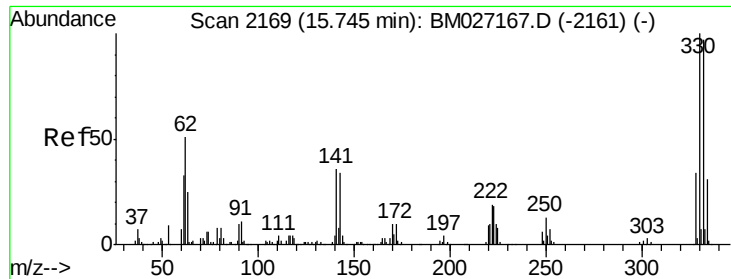
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.25 min Scan# 1915
Delta R.T. 0.00 min
Lab File: BM027178.D
Acq: 21 Aug 2020 20:16

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.9	80.2	120.4
160	44.3	36.3	54.5





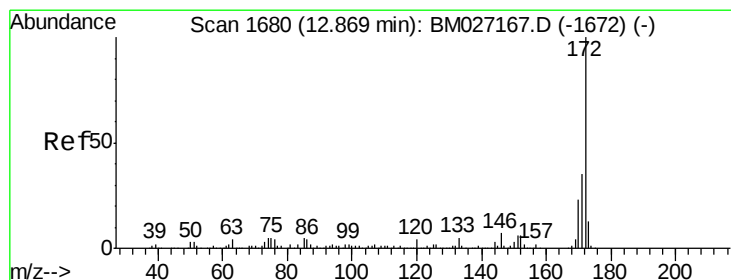
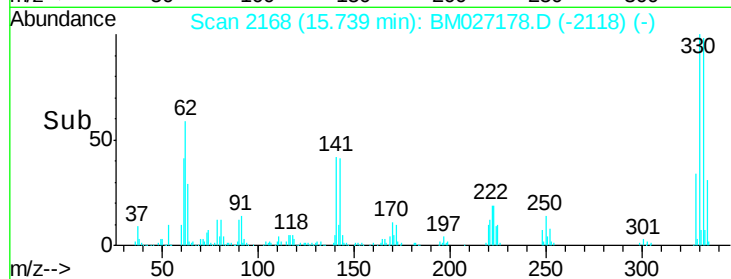
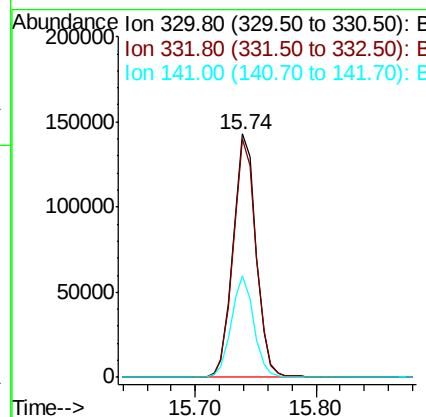
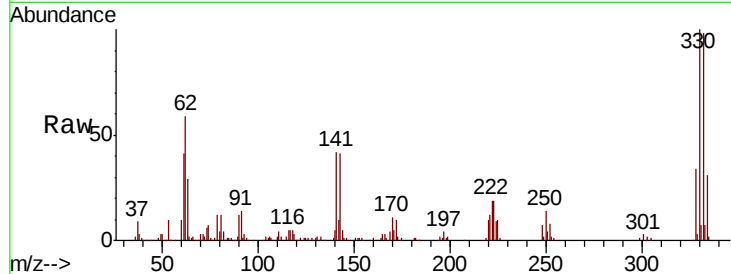
#42
 2,4,6-Tribromophenol
 Concen: 77.221 ng
 RT: 15.74 min Scan# 2168
 Delta R.T. -0.01 min
 Lab File: BM027178.D
 Acq: 21 Aug 2020 20:16

Instrument :
 BNA_M
 ClientSampleId :
 MP-081920-BD-0-2-COMP

Tot Ion	Ratio	Resp	Lower	Upper
330	100	190014		
332	97.8	77.2	115.8	
141	40.7	31.0	46.6	

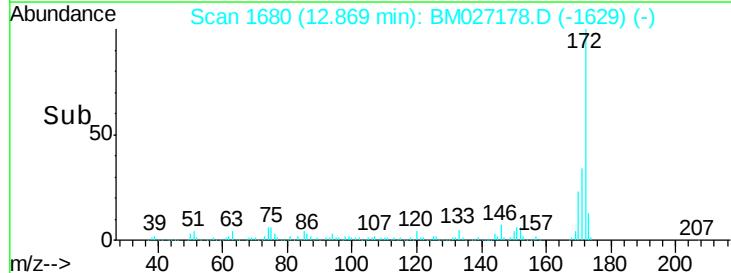
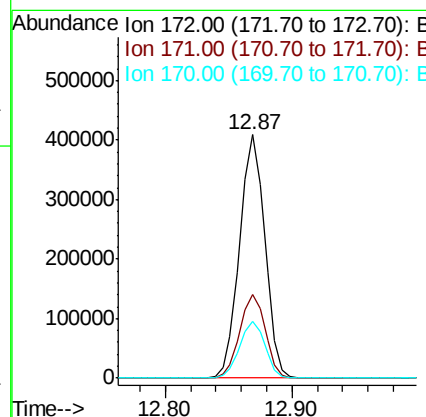
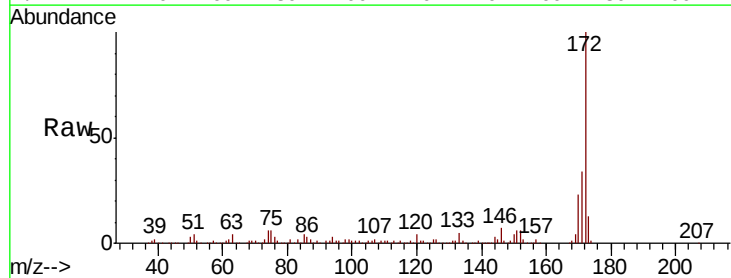
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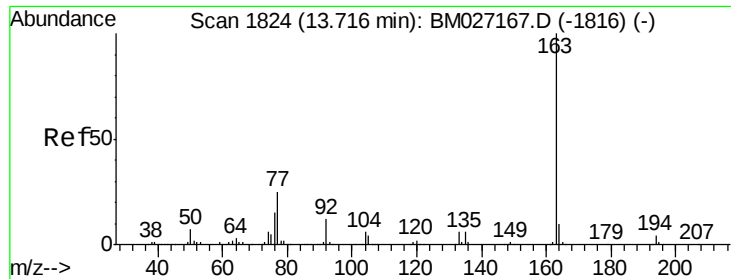
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#45
 2-Fluorobiphenyl
 Concen: 48.724 ng
 RT: 12.87 min Scan# 1680
 Delta R.T. 0.00 min
 Lab File: BM027178.D
 Acq: 21 Aug 2020 20:16

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	563624		
171	34.2	28.1	42.1	
170	23.2	18.6	28.0	





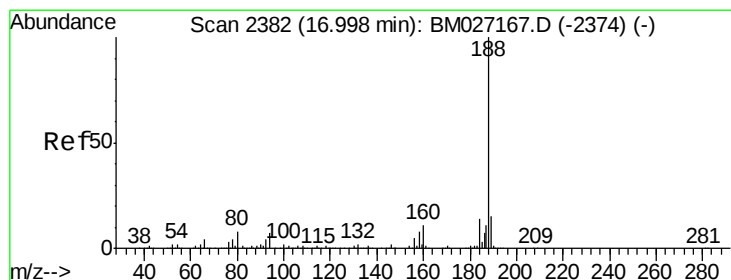
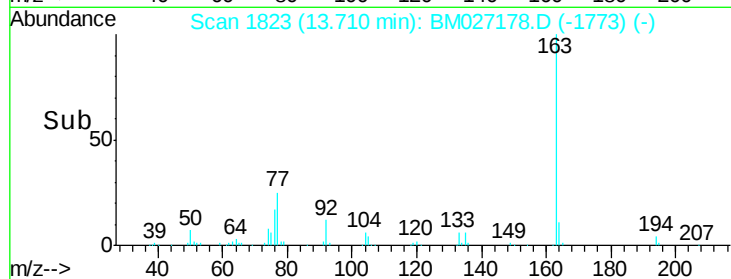
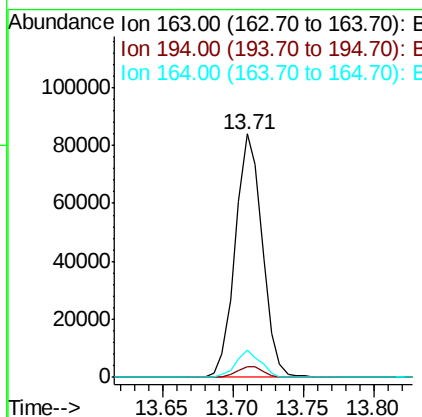
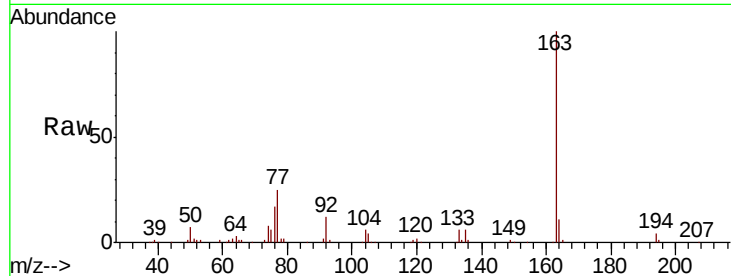
#50
Dimethylphthalate
Concen: 9.108 ng
RT: 13.71 min Scan# 1823
Delta R.T. -0.01 min
Lab File: BM027178.D
Acq: 21 Aug 2020 20:16

Instrument :
BNA_M
ClientSampleId :
MP-081920-BD-0-2-COMP

Tot Ion	Ratio	Resp	Lower	Upper
163	100	112359		
194	4.3	3.4	5.2	
164	11.1	8.2	12.2	

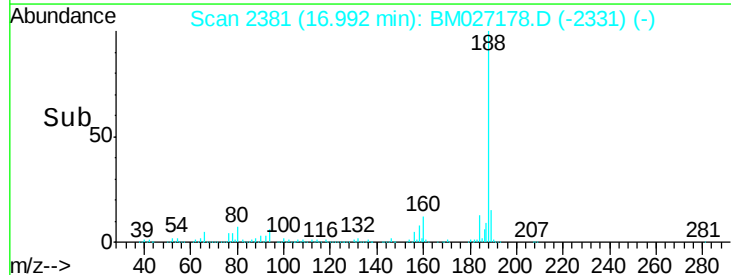
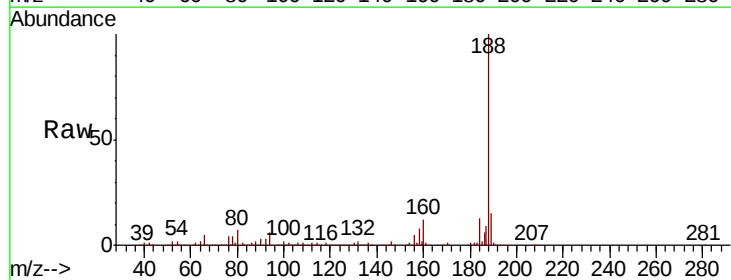
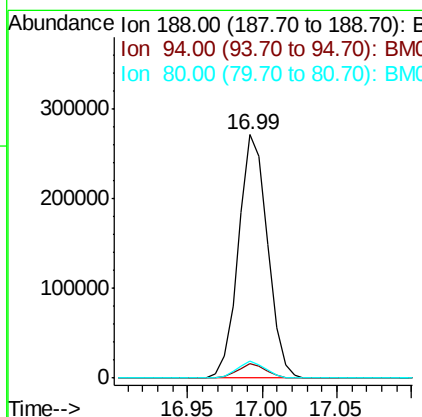
Manual Integrations
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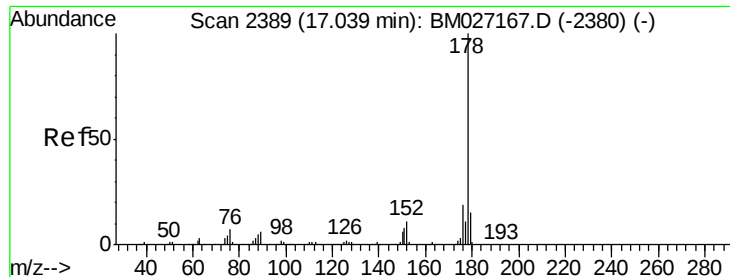
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.99 min Scan# 2381
Delta R.T. -0.01 min
Lab File: BM027178.D
Acq: 21 Aug 2020 20:16

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	367391		
94	5.7	5.5	8.3	
80	6.9	6.2	9.4	





#71

Phenanthrene

Concen: 7.305 ng

RT: 17.03 min Scan# 2388

Delta R.T. -0.01 min

Lab File: BM027178.D

Acq: 21 Aug 2020 20:16

Instrument :

BNA_M

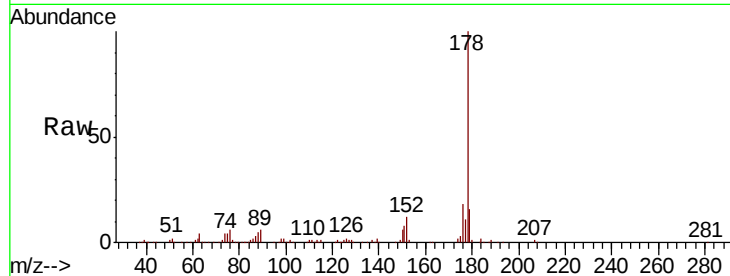
ClientSampleId :

MP-081920-BD-0-2-COMP

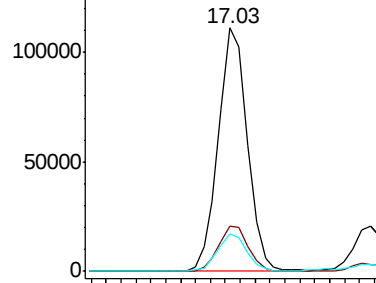
Tot Ion:178	Resp:	149190
Ion Ratio	Lower	Upper
178 100		
176 18.3	15.0	22.6
179 15.6	12.0	18.0

Manual Integrations
APPROVED

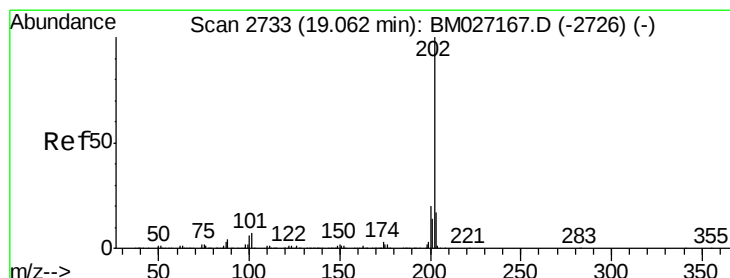
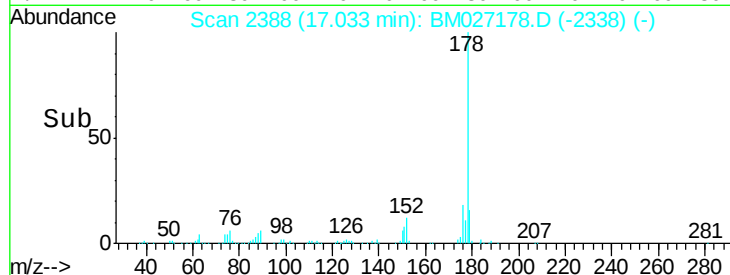
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Abundance Ion 178.00 (177.70 to 178.70): E
150000 Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



Time--> 16.95 17.00 17.05 17.10



#75

Fluoranthene

Concen: 14.813 ng

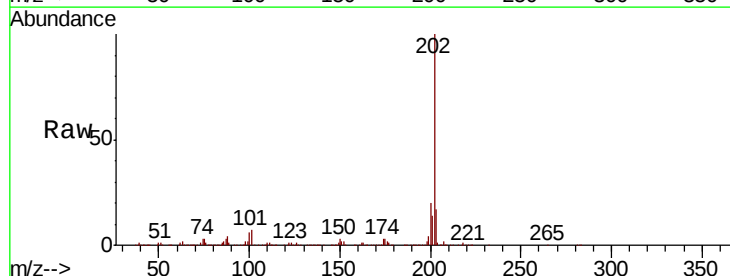
RT: 19.06 min Scan# 2732

Delta R.T. -0.01 min

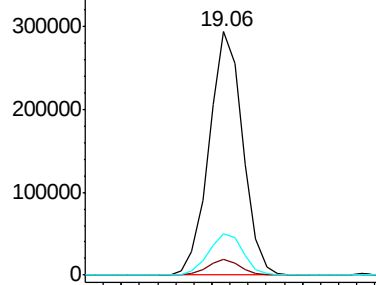
Lab File: BM027178.D

Acq: 21 Aug 2020 20:16

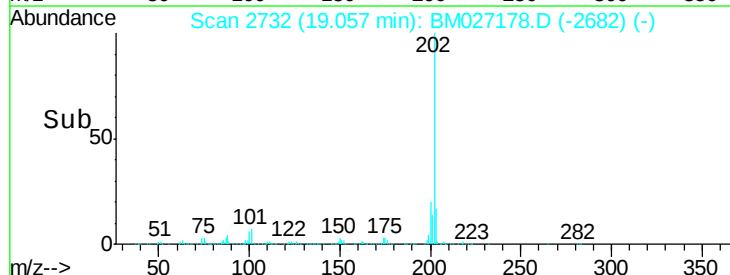
Tgt Ion:202	Resp:	377917
Ion Ratio	Lower	Upper
202 100		
101 6.5	0.0	27.2
203 17.0	0.0	37.1

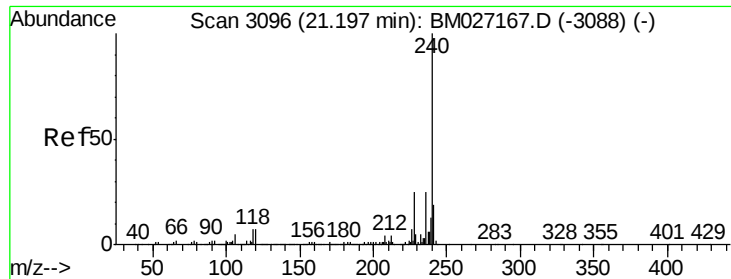


Abundance Ion 202.00 (201.70 to 202.70): E
400000 Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



Time--> 19.00 19.05 19.10





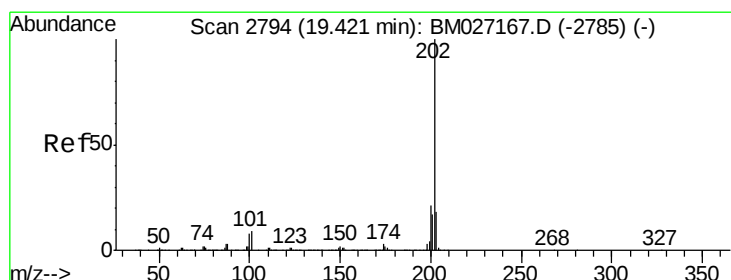
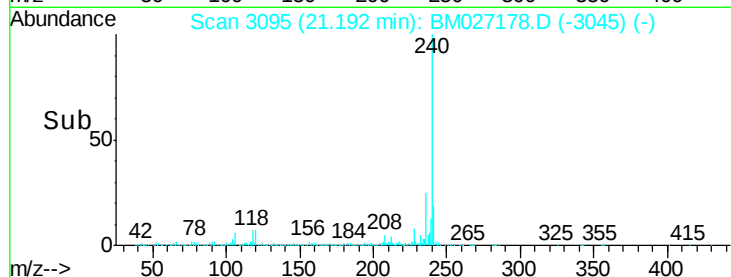
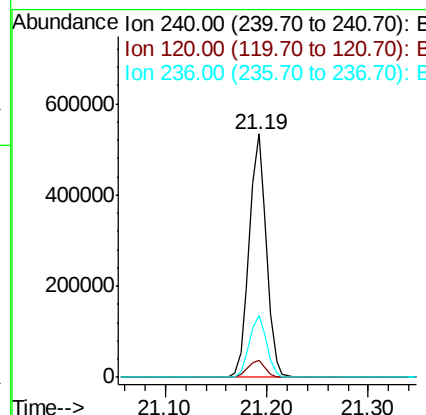
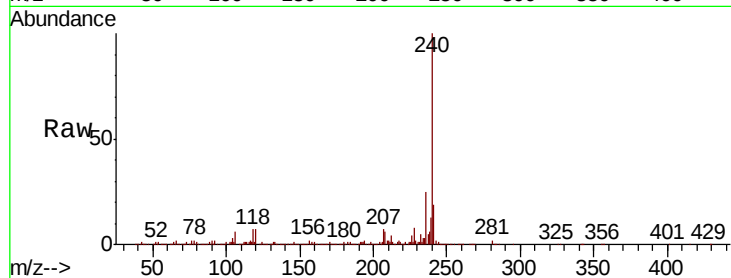
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.19 min Scan# 3095
Delta R.T. -0.01 min
Lab File: BM027178.D
Acq: 21 Aug 2020 20:16

Instrument :
BNA_M
ClientSampleId :
MP-081920-BD-0-2-COMP

Tot Ion	Ratio	Lower	Upper
240	100		
120	6.9	5.6	8.4
236	25.2	19.8	29.6

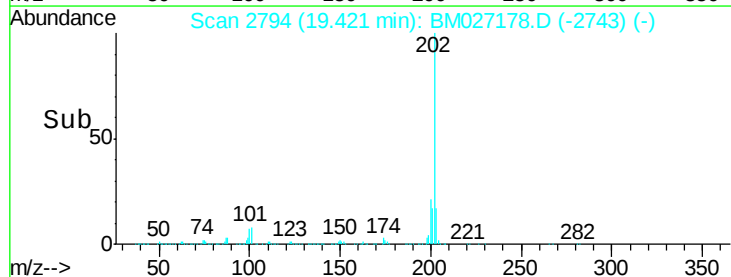
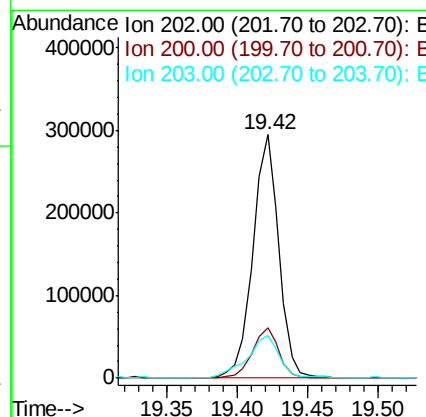
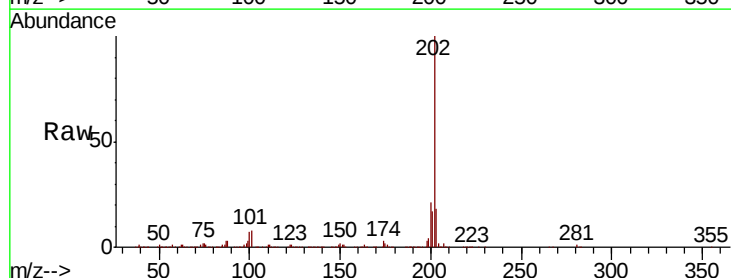
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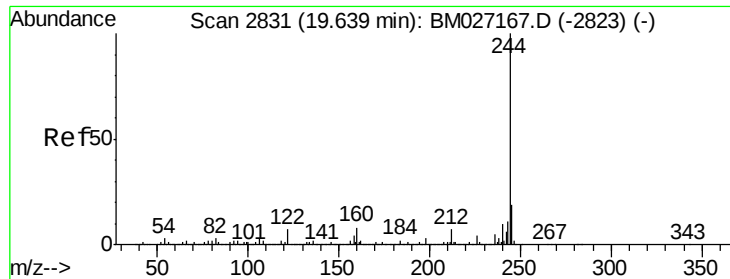
Sohil
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#78
Pyrene
Concen: 9.940 ng
RT: 19.42 min Scan# 2794
Delta R.T. 0.00 min
Lab File: BM027178.D
Acq: 21 Aug 2020 20:16

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.6	25.0
203	17.6	14.0	21.0





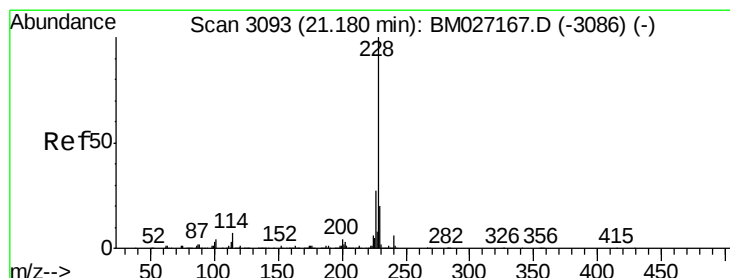
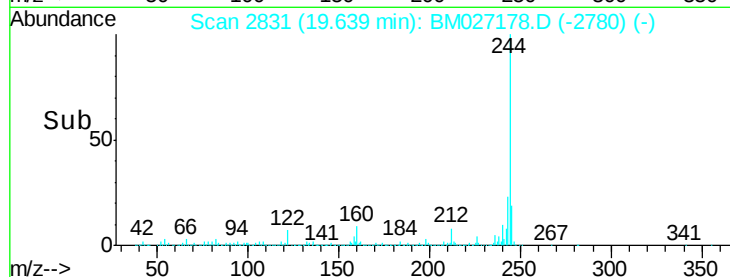
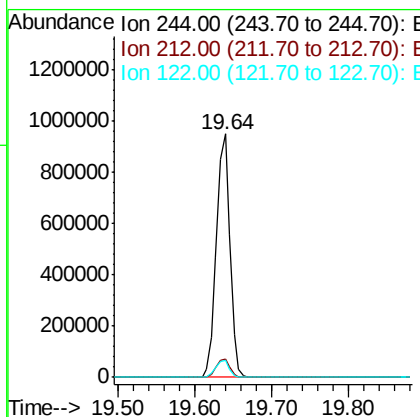
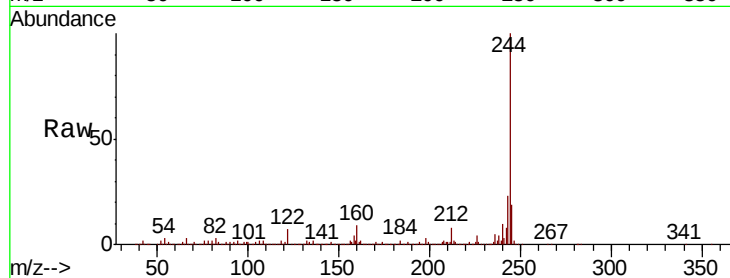
#79
 Terphenyl-d14
 Concen: 33.819 ng
 RT: 19.64 min Scan# 2831
 Delta R.T. 0.00 min
 Lab File: BM027178.D
 Acq: 21 Aug 2020 20:16

Instrument :
 BNA_M
 ClientSampleId :
 MP-081920-BD-0-2-COMP

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.7	5.8	8.8
122	6.8	5.8	8.8

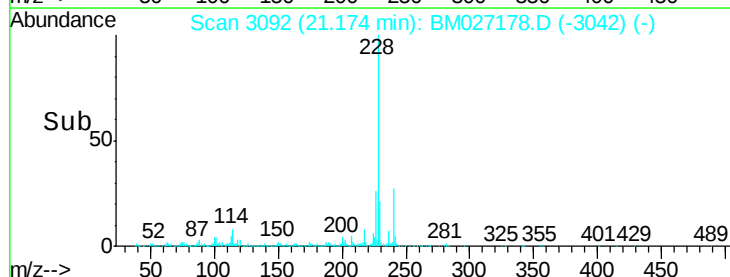
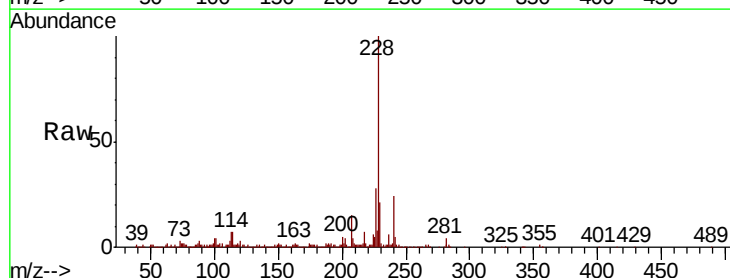
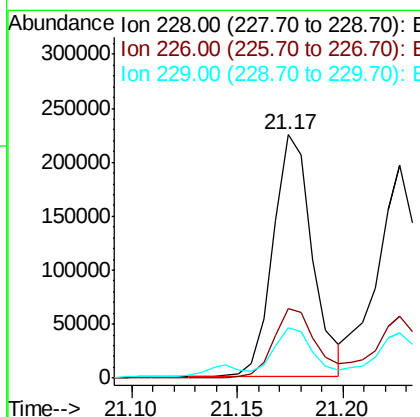
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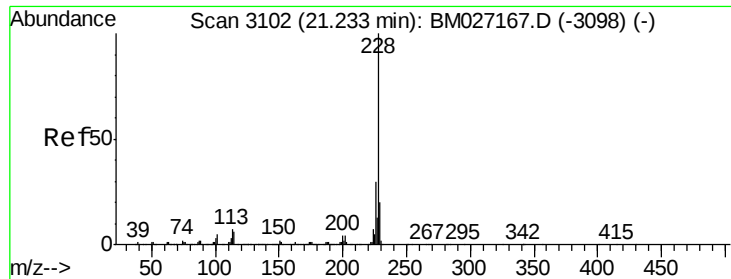
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#81
 Benzo(a)anthracene
 Concen: 7.158 ng
 RT: 21.17 min Scan# 3092
 Delta R.T. -0.01 min
 Lab File: BM027178.D
 Acq: 21 Aug 2020 20:16

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.4	21.4	32.2
229	20.8	15.8	23.6





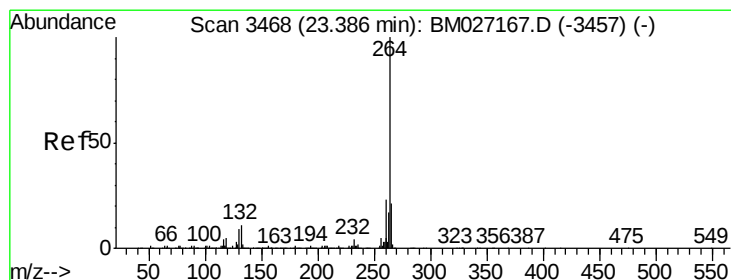
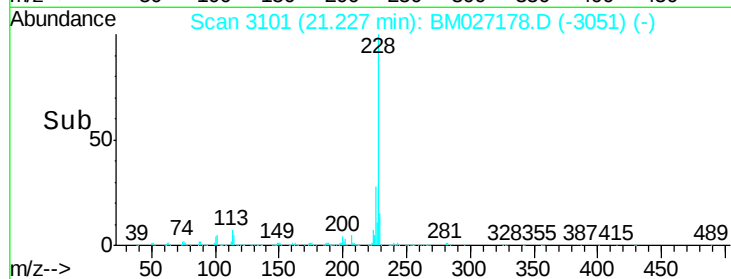
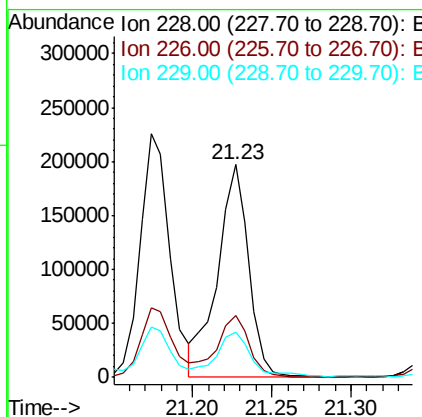
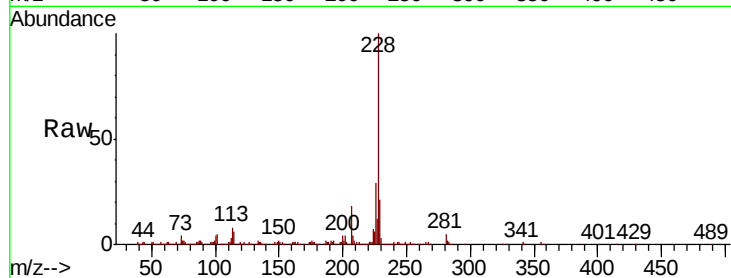
#83
Chrysene
Concen: 6.714 ng
RT: 21.23 min Scan# 3101
Delta R.T. -0.01 min
Lab File: BM027178.D
Acq: 21 Aug 2020 20:16

Instrument :
BNA_M
ClientSampleId :
MP-081920-BD-0-2-COMP

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.0	23.7	35.5
229	21.0	15.8	23.8

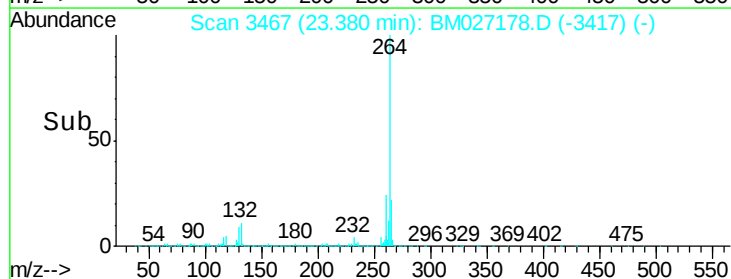
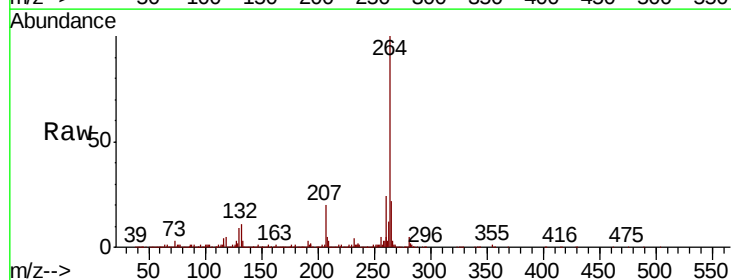
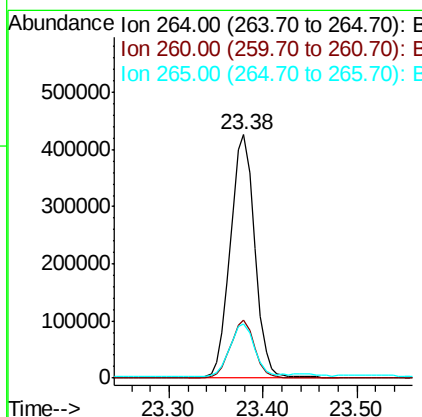
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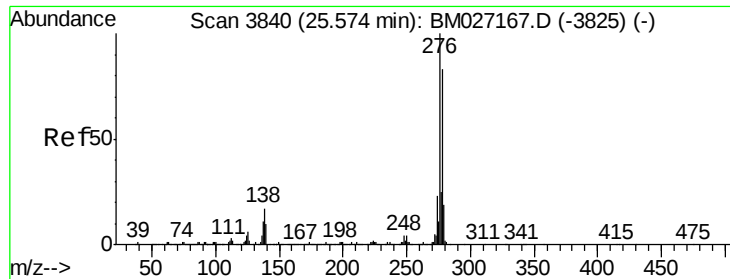
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#86
Perylene-d12
Concen: 20.000 ng
RT: 23.38 min Scan# 3467
Delta R.T. -0.01 min
Lab File: BM027178.D
Acq: 21 Aug 2020 20:16

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.8	28.2
265	22.3	17.5	26.3





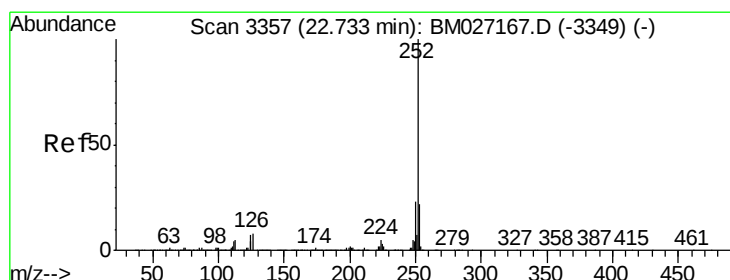
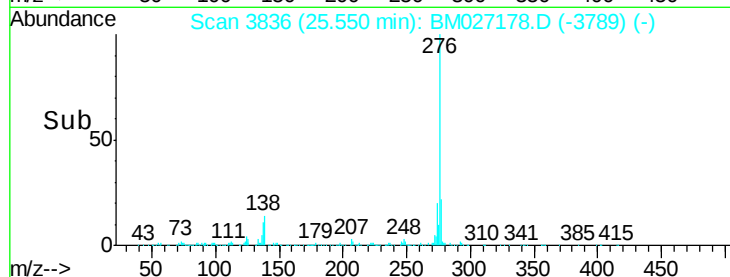
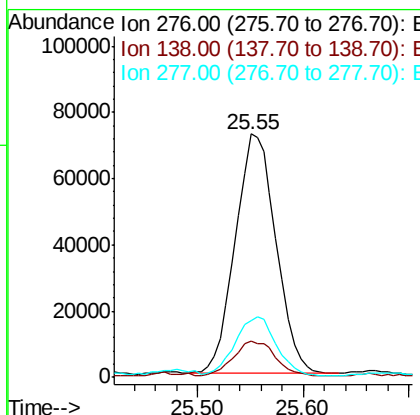
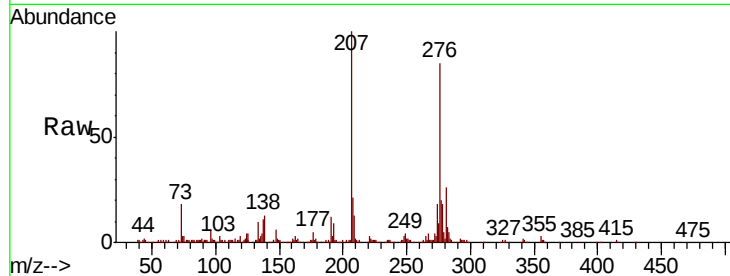
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 3.207 ng
 RT: 25.55 min Scan# 3836
 Delta R.T. -0.02 min
 Lab File: BM027178.D
 Acq: 21 Aug 2020 20:16

Instrument :
 BNA_M
 ClientSampleId :
 MP-081920-BD-0-2-COMP

Tot Ion:	276	Resp:	193484
Ion Ratio	Lower	Upper	
276	100		
138	16.0	13.3	19.9
277	25.4	20.0	30.0

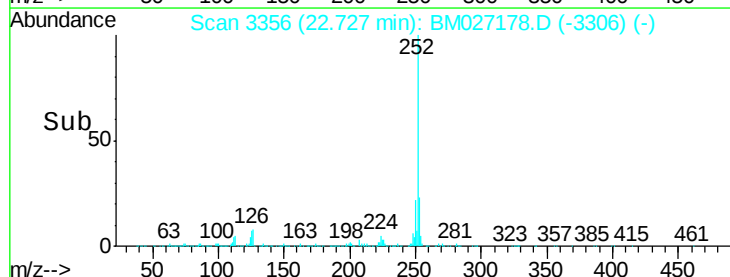
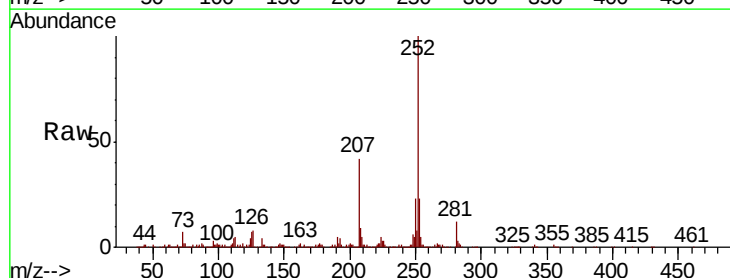
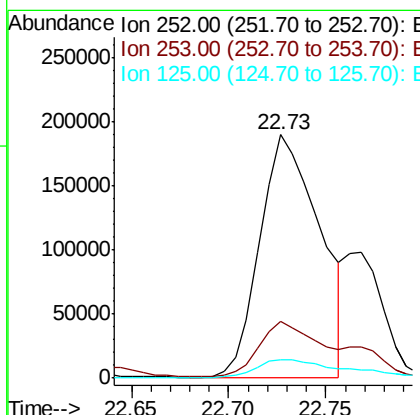
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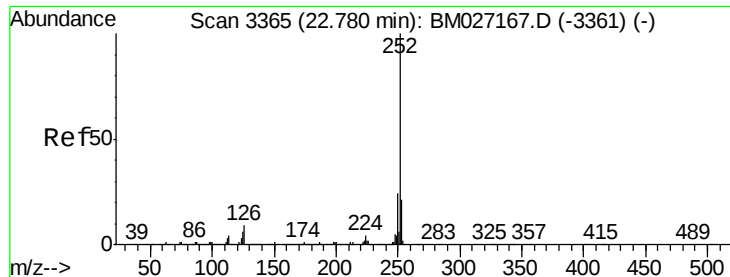
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#88
 Benzo(b)fluoranthene
 Concen: 7.878 ng m
 RT: 22.73 min Scan# 3356
 Delta R.T. -0.01 min
 Lab File: BM027178.D
 Acq: 21 Aug 2020 20:16

Tgt Ion:	252	Resp:	404904
Ion Ratio	Lower	Upper	
252	100		
253	23.2	17.7	26.5
125	7.3	5.4	8.0





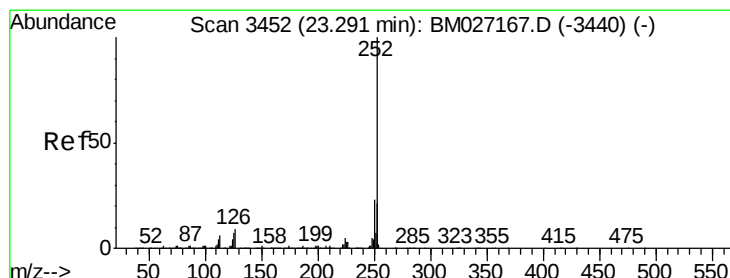
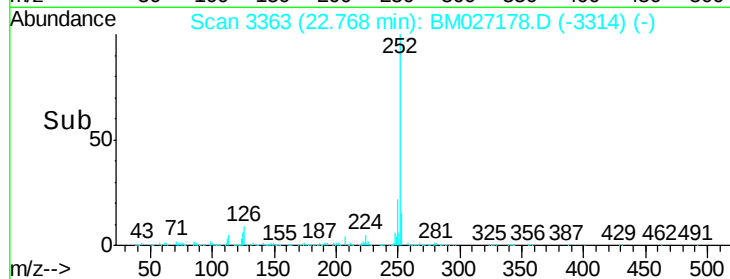
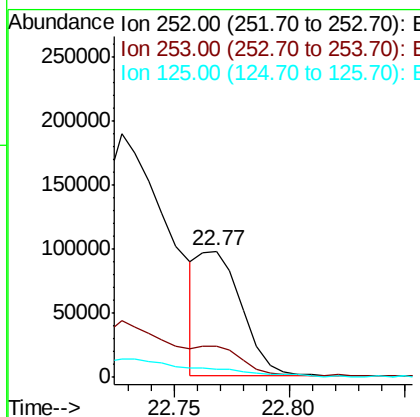
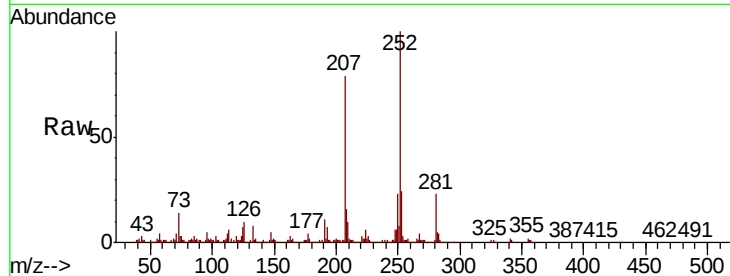
#89
Benzo(k)fluoranthene
Concen: 2.543 ng m
RT: 22.77 min Scan# 3363
Delta R.T. -0.01 min
Lab File: BM027178.D
Acq: 21 Aug 2020 20:16

Instrument :
BNA_M
ClientSampleId :
MP-081920-BD-0-2-COMP

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.5	17.4	26.0
125	6.6	5.3	7.9

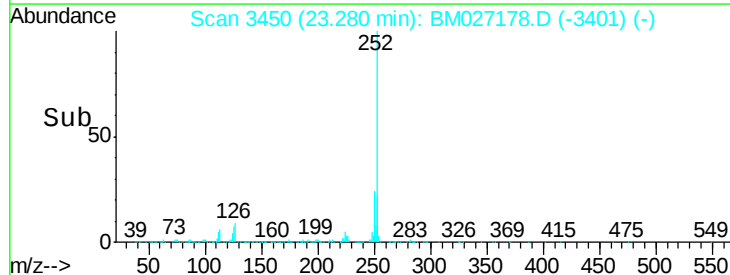
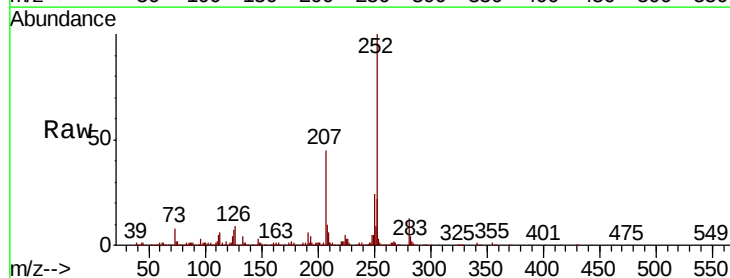
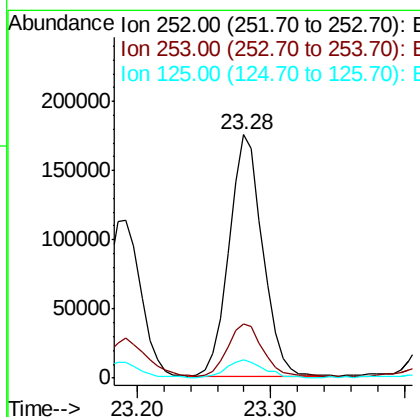
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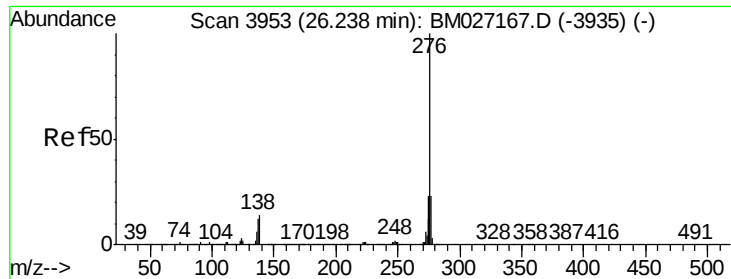
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#90
Benzo(a)pyrene
Concen: 6.537 ng
RT: 23.28 min Scan# 3450
Delta R.T. -0.01 min
Lab File: BM027178.D
Acq: 21 Aug 2020 20:16

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.1	25.7
125	7.4	5.8	8.6





#92
 Benzo(a,h,i)perylene
 Concen: 3.983 ng
 RT: 26.22 min Scan# 3950
 Delta R.T. -0.02 min
 Lab File: BM027178.D
 Acq: 21 Aug 2020 20:16

Instrument :
 BNA_M
 ClientSampleId :
 MP-081920-BD-0-2-COMP

Tot Ion:	276	Resp:	192652
Ion Ratio	Lower	Upper	
276	100		
277	23.1	18.6	28.0
138	13.9	11.4	17.0

Manual Integrations
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