

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082120\
 Data File : BM027191.D
 Acq On : 22 Aug 2020 04:07
 Operator : JU/CG
 Sample : L3720-05
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MP-081920-B11-0-2-COMP

Manual Integrations
 APPROVED

Sohil
 8/24/2020 1:48:43 PM

Quant Time: Aug 22 07:30:43 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	128901	20.00	ng	0.00
21) Naphthalene-d8	10.38	136	466084	20.00	ng	0.00
39) Acenaphthene-d10	14.25	164	296473	20.00	ng	0.00
64) Phenanthrene-d10	16.99	188	657243	20.00	ng	0.00
76) Chrysene-d12	21.19	240	739481	20.00	ng	0.00
86) Perylene-d12	23.37	264	798049	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	589808	89.20	ng	0.00
7) Phenol-d6	6.80	99	790703	87.10	ng	0.00
23) Nitrobenzene-d5	8.75	82	617109	54.63	ng	0.00
42) 2,4,6-Tribromophenol	15.74	330	352952	73.52	ng	0.00
45) 2-Fluorobiphenyl	12.87	172	1179823	52.28	ng	0.00
79) Terphenyl-d14	19.63	244	1809796	45.72	ng	0.00
Target Compounds						
50) Dimethylphthalate	13.71	163	210244	8.735	ng	99
71) Phenanthrene	17.03	178	545154	14.921	ng	100
72) Anthracene	17.13	178	107613	3.081	ng	99
75) Fluoranthene	19.06	202	911279	19.967	ng	99
78) Pyrene	19.42	202	913010	20.291	ng	99
81) Benzo(a)anthracene	21.17	228	511749	10.680	ng	97
83) Chrysene	21.23	228	458579	9.854	ng	98
87) Indeno(1,2,3-cd)pyrene	25.56	276	287265	4.599	ng	98
88) Benzo(b)fluoranthene	22.73	252	605445	11.377	ng	99
89) Benzo(k)fluoranthene	22.76	252	171244m	3.287	ng	
90) Benzo(a)pyrene	23.28	252	454728	9.360	ng	96
92) Benzo(a,h,i)perylene	26.21	276	278544	5.562	ng	98

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

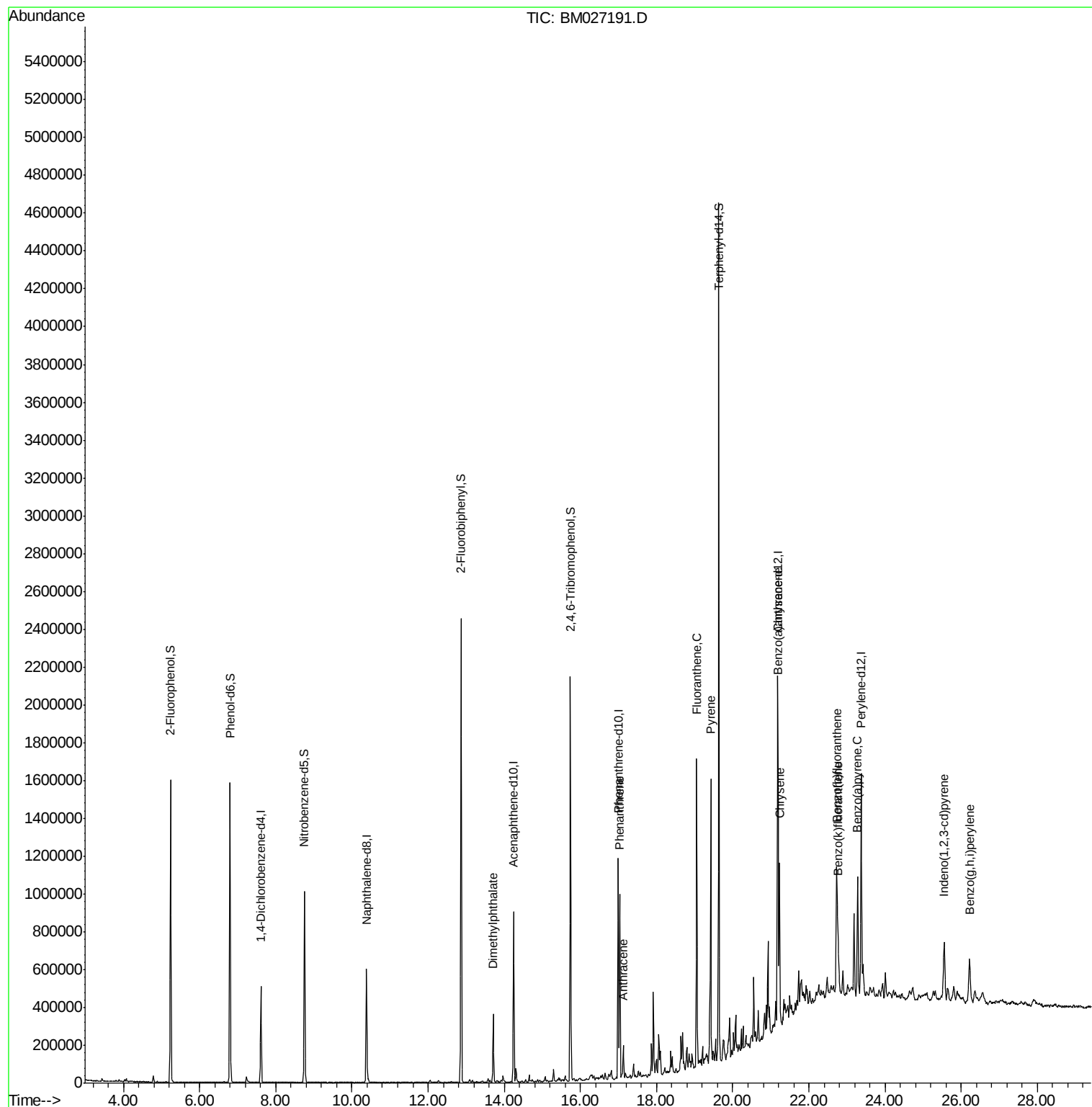
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082120\
Data File : BM027191.D
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ALS Vial : 19 Sample Multiplier: 1

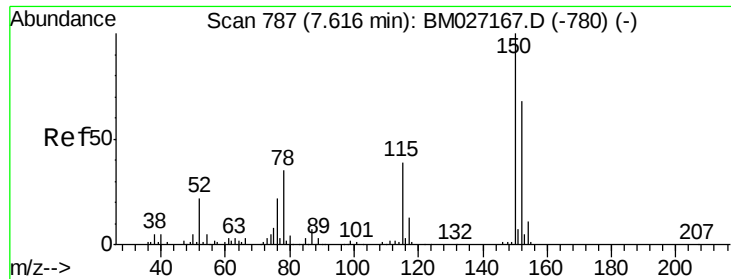
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082120.M
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#1

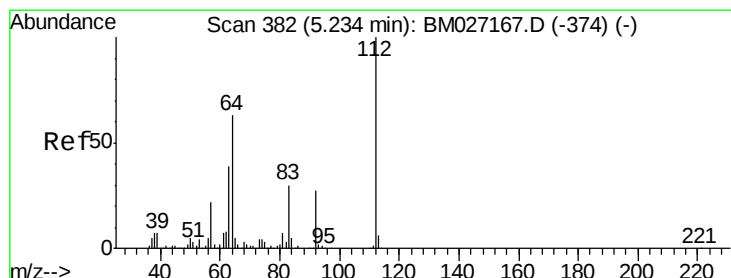
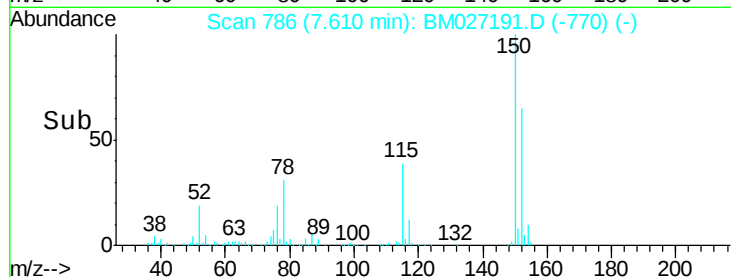
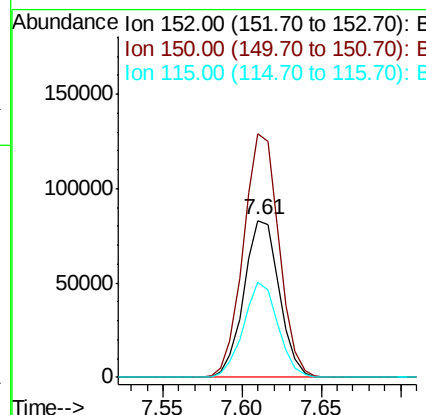
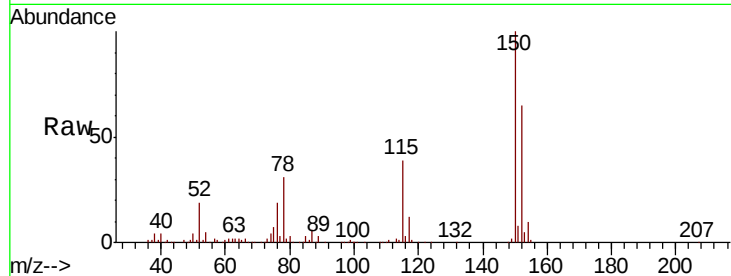
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.61 min Scan# 786
Delta R.T. -0.01 min
Lab File: BM027191.D
Acq: 22 Aug 2020 04:07

Instrument :
BNA_M
ClientSampleId :
MP-081920-B11-0-2-COMP

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.0	118.2	177.4
115	60.4	46.1	69.1

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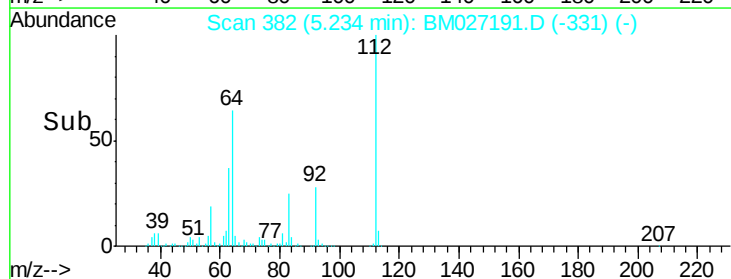
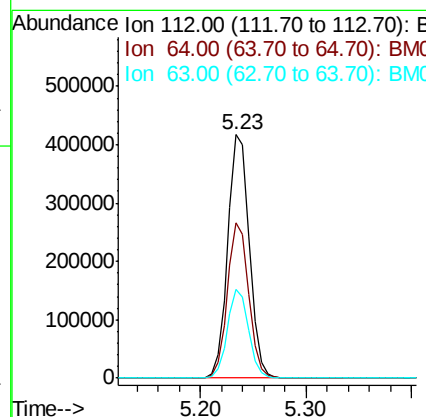
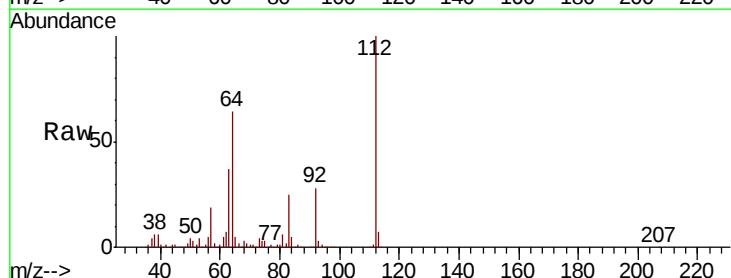
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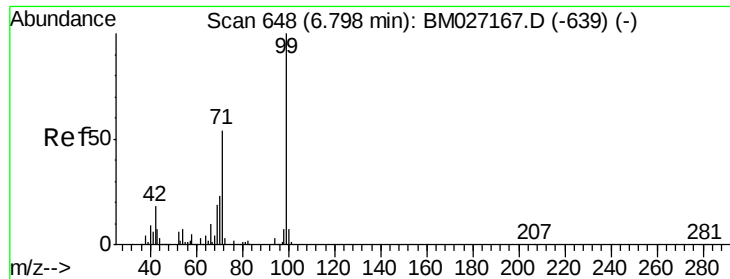


#5

2-Fluorophenol
Concen: 89.200 ng
RT: 5.23 min Scan# 382
Delta R.T. -0.00 min
Lab File: BM027191.D
Acq: 22 Aug 2020 04:07

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.7	50.0	75.0
63	36.6	31.6	47.4





#7

Phenol-d6

Concen: 87.096 ng

RT: 6.80 min Scan# 648

Delta R.T. -0.00 min

Lab File: BM027191.D

Acq: 22 Aug 2020 04:07

Instrument :

BNA_M

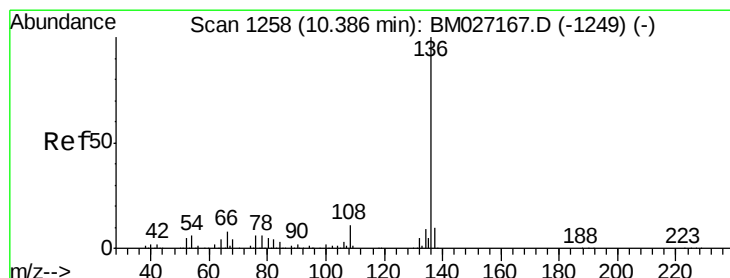
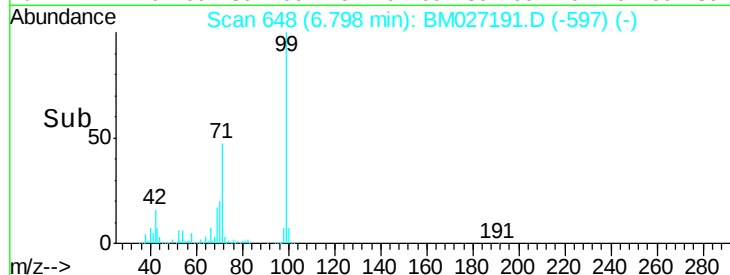
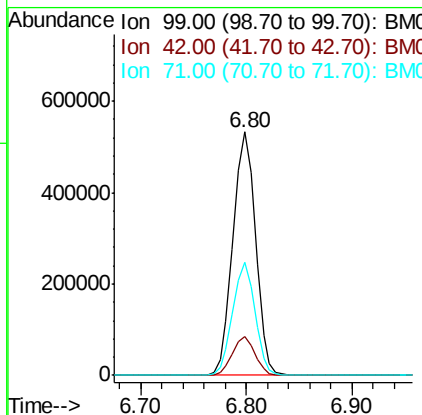
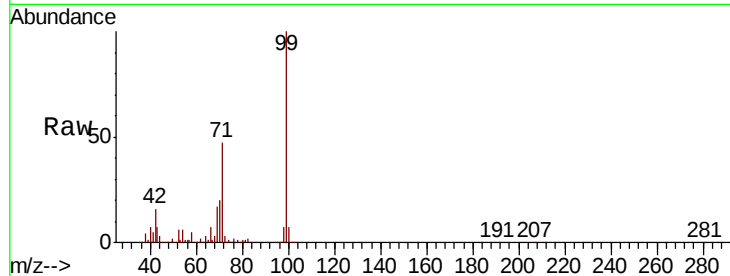
ClientSampleId :

MP-081920-B11-0-2-COMP

Tot Ion:	99	Resp:	790703
Ion Ratio	Lower	Upper	
99	100		
42	16.0	14.5	21.7
71	46.7	43.0	64.4

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#21

Naphthalene-d8

Concen: 20.000 ng

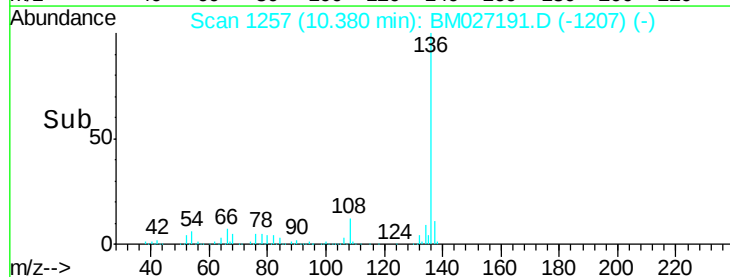
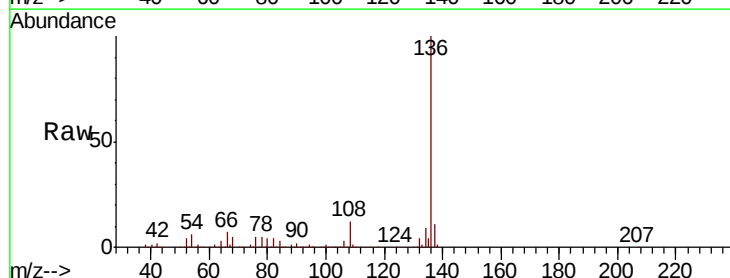
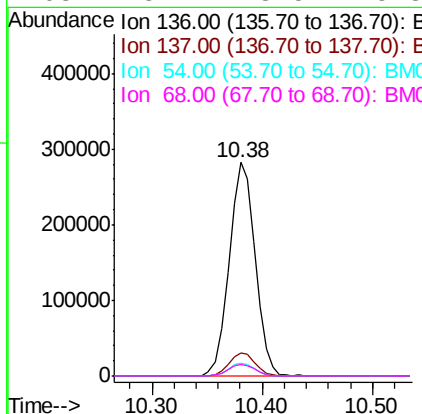
RT: 10.38 min Scan# 1257

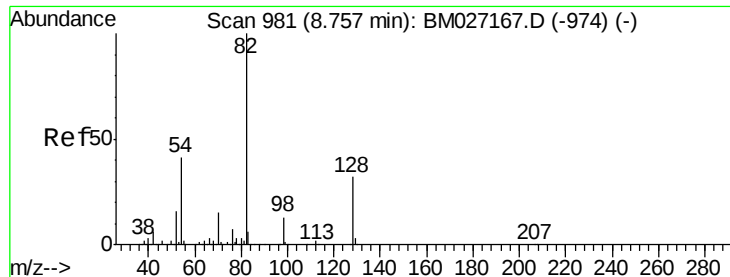
Delta R.T. -0.01 min

Lab File: BM027191.D

Acq: 22 Aug 2020 04:07

Tgt Ion:	136	Resp:	466084
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.2	12.4
54	6.1	4.8	7.2
68	5.2	3.5	5.3





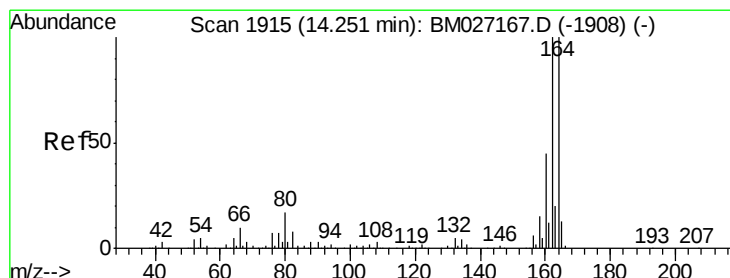
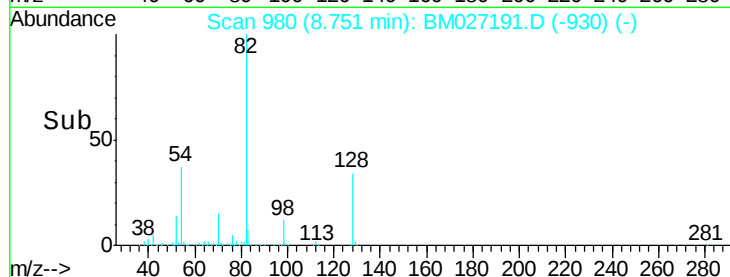
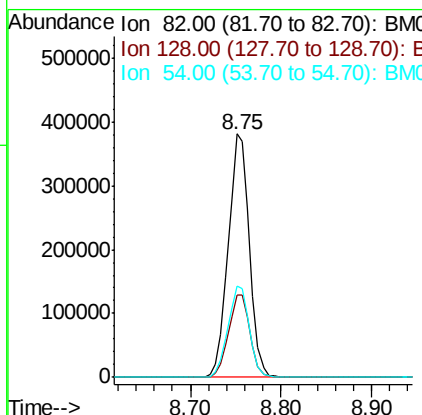
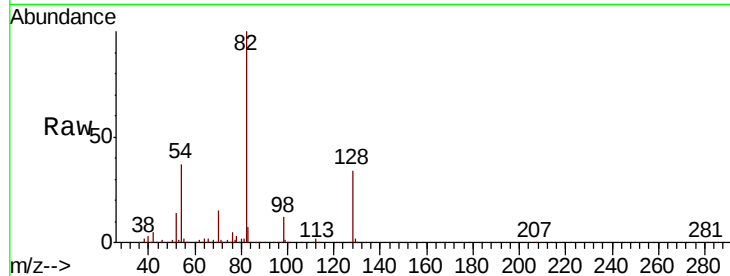
#23
 Nitrobenzene-d5
 Concen: 54.626 ng
 RT: 8.75 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: BM027191.D
 Acq: 22 Aug 2020 04:07

Instrument :
 BNA_M
 ClientSampleId :
 MP-081920-B11-0-2-COMP

Tot Ion	82	Resp	617109
Ion	Ratio	Lower	Upper
82	100		
128	33.8	25.7	38.5
54	37.3	33.0	49.4

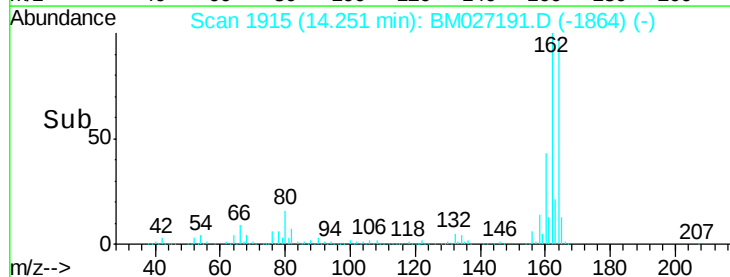
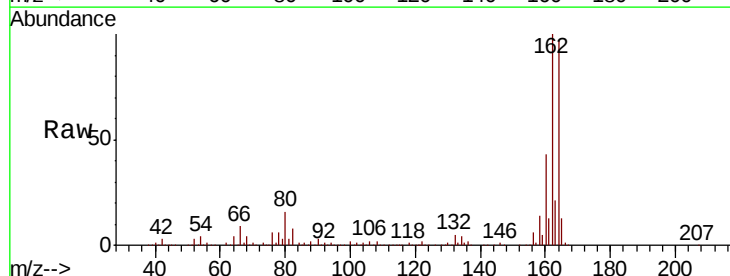
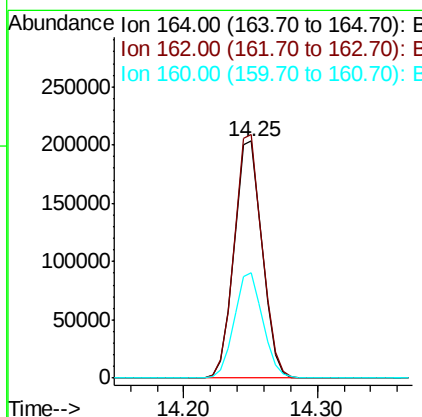
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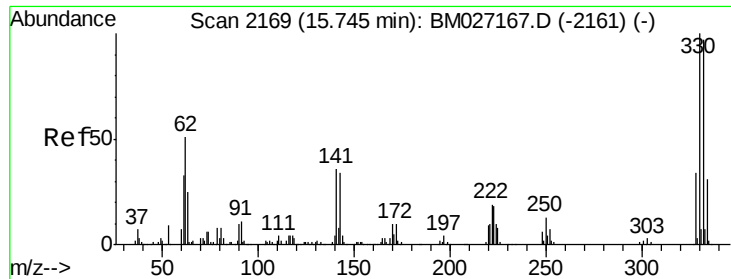
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.25 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: BM027191.D
 Acq: 22 Aug 2020 04:07

Tgt Ion	164	Resp	296473
Ion	Ratio	Lower	Upper
164	100		
162	102.7	80.2	120.4
160	44.3	36.3	54.5





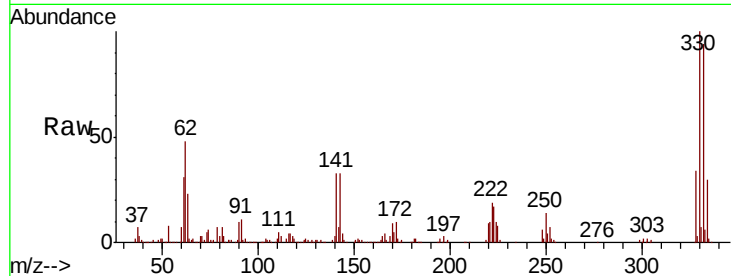
#42
 2,4,6-Tribromophenol
 Concen: 73.518 ng
 RT: 15.74 min Scan# 2168
 Delta R.T. -0.01 min
 Lab File: BM027191.D
 Acq: 22 Aug 2020 04:07

Instrument :
 BNA_M
 ClientSampleId :
 MP-081920-B11-0-2-COMP

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.8	77.2	115.8	
141	34.3	31.0	46.6	

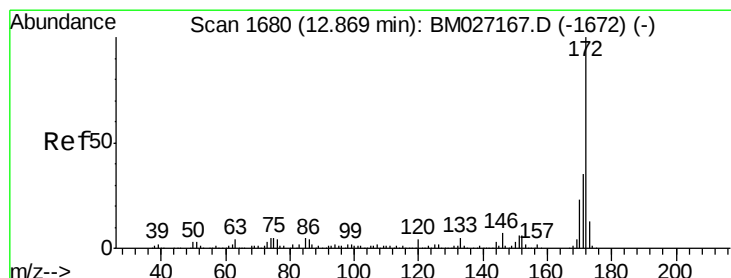
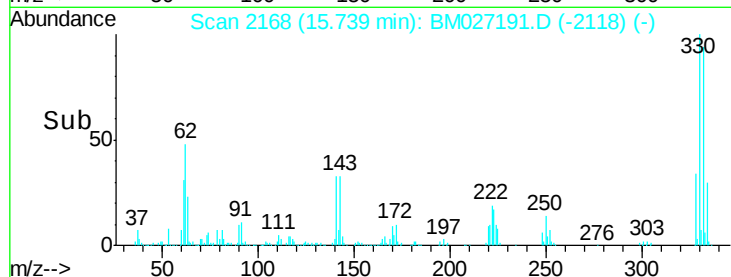
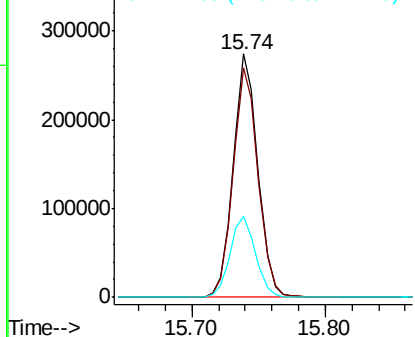
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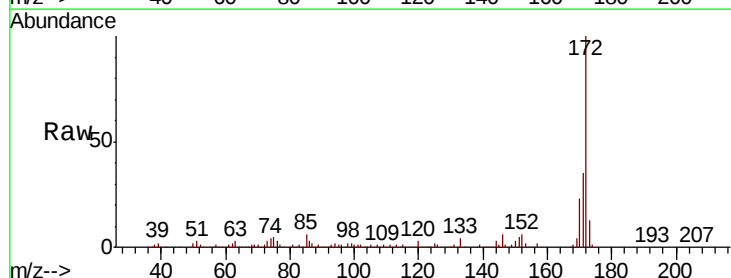
Abundance

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



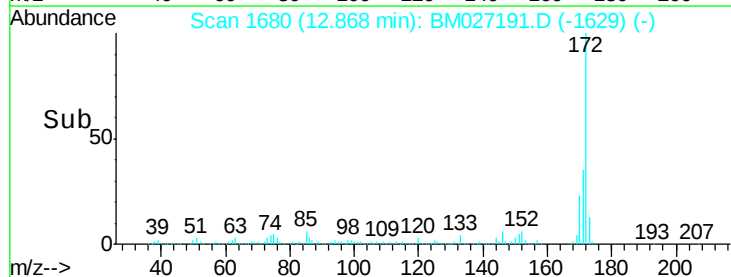
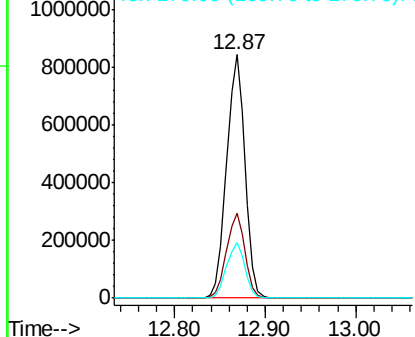
#45
 2-Fluorobiphenyl
 Concen: 52.276 ng
 RT: 12.87 min Scan# 1680
 Delta R.T. -0.00 min
 Lab File: BM027191.D
 Acq: 22 Aug 2020 04:07

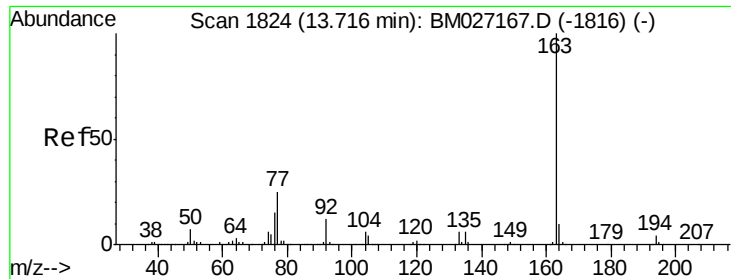
Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	35.1	28.1	42.1	
170	22.6	18.6	28.0	



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





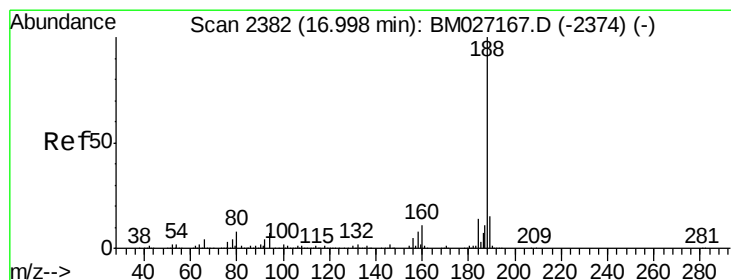
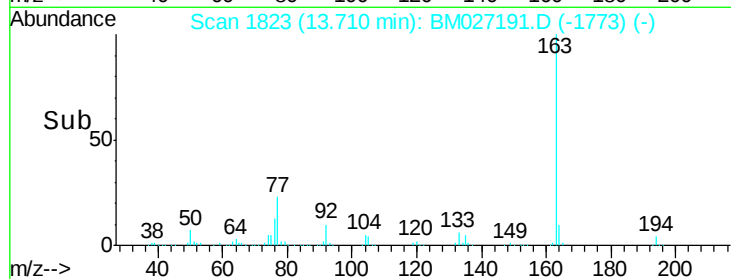
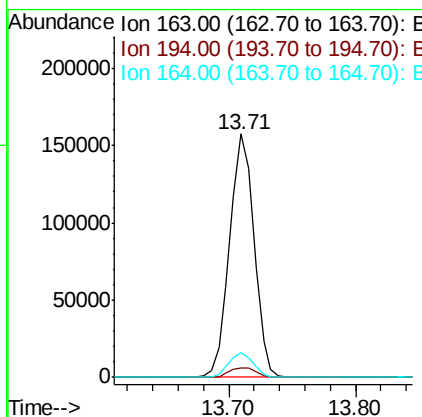
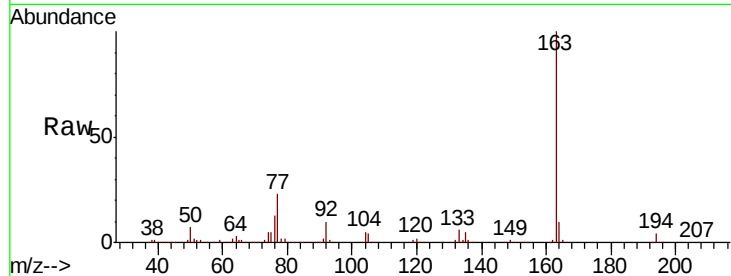
#50
Dimethylphthalate
Concen: 8.735 ng
RT: 13.71 min Scan# 1823
Delta R.T. -0.01 min
Lab File: BM027191.D
Acq: 22 Aug 2020 04:07

Instrument :
BNA_M
ClientSampleId :
MP-081920-B11-0-2-COMP

Tot Ion	Ratio	Resp	Lower	Upper
163	100	210244		
194	3.8		3.4	5.2
164	10.1		8.2	12.2

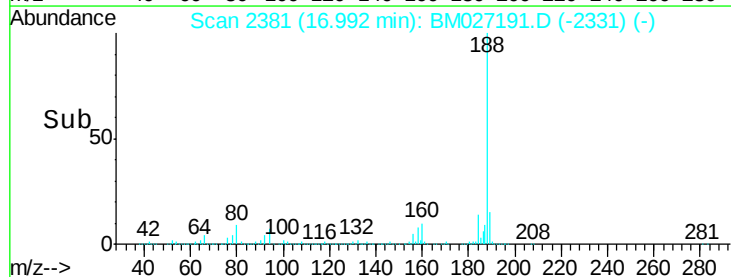
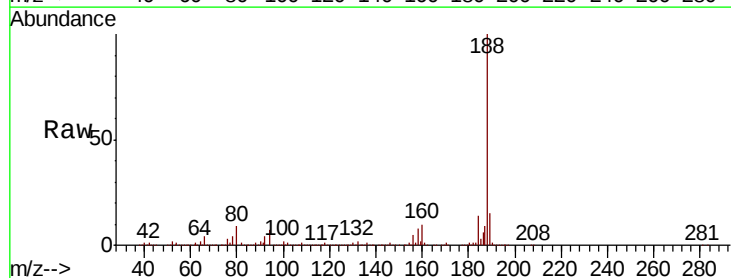
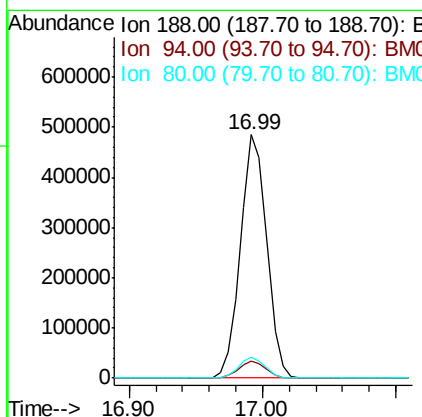
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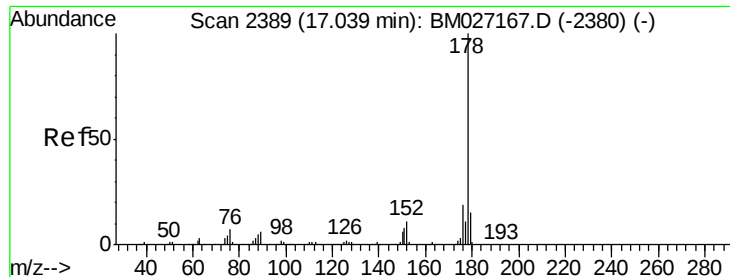
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.99 min Scan# 2381
Delta R.T. -0.01 min
Lab File: BM027191.D
Acq: 22 Aug 2020 04:07

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	657243		
94	6.8		5.5	8.3
80	8.6		6.2	9.4





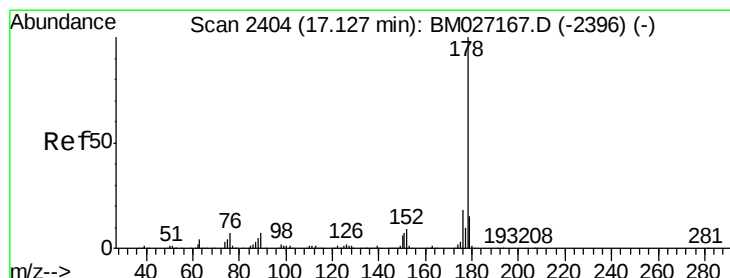
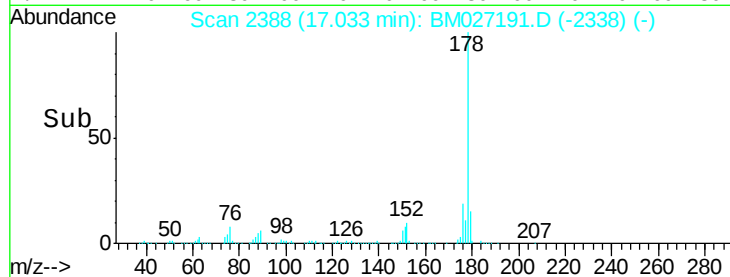
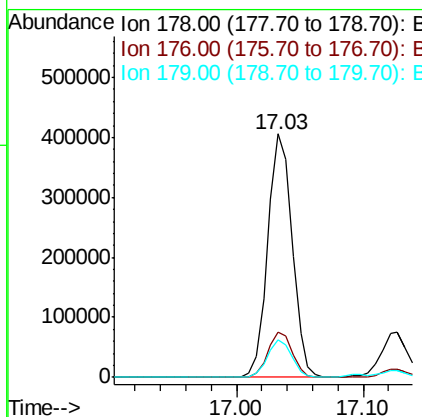
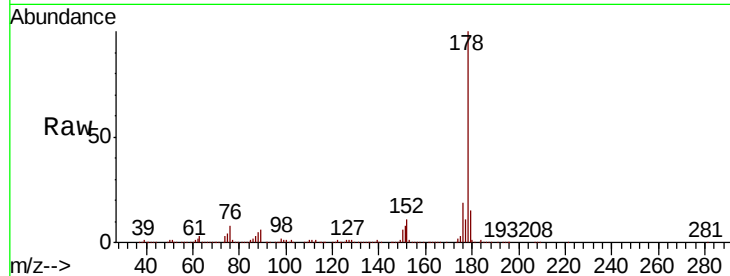
#71
Phenanthrene
Concen: 14.921 ng
RT: 17.03 min Scan# 2388
Delta R.T. -0.01 min
Lab File: BM027191.D
Acq: 22 Aug 2020 04:07

Instrument :
BNA_M
ClientSampleId :
MP-081920-B11-0-2-COMP

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.0	22.6
179	15.4	12.0	18.0

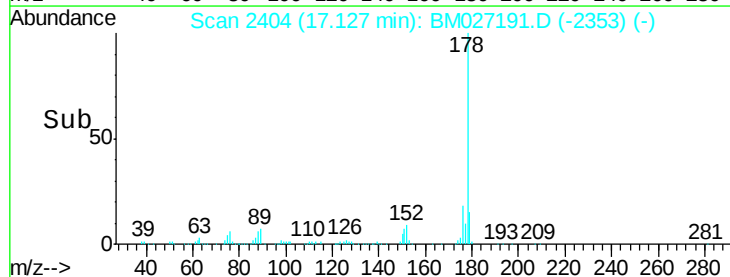
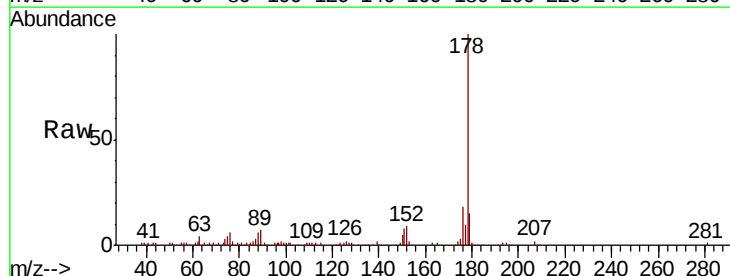
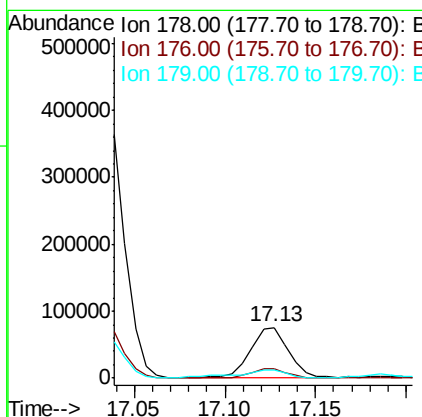
Manual Integrations
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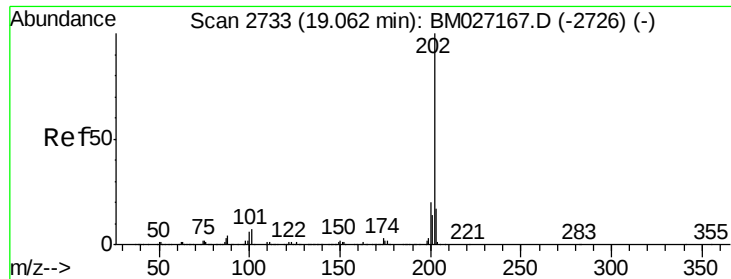
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#72
Anthracene
Concen: 3.081 ng
RT: 17.13 min Scan# 2404
Delta R.T. -0.00 min
Lab File: BM027191.D
Acq: 22 Aug 2020 04:07

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.1	14.7	22.1
179	15.4	11.9	17.9





#75

Fluoranthene

Concen: 19.967 ng

RT: 19.06 min Scan# 2732

Delta R.T. -0.01 min

Lab File: BM027191.D

Acq: 22 Aug 2020 04:07

Instrument :

BNA_M

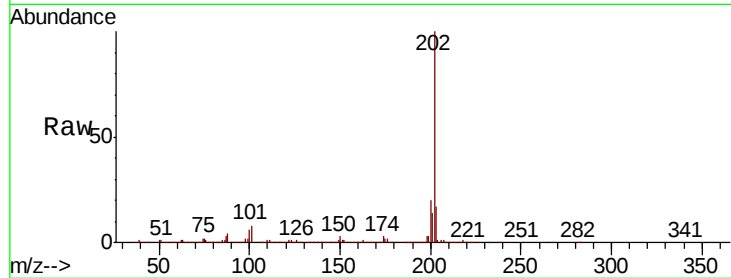
ClientSampleId :

MP-081920-B11-0-2-COMP

Tot Ion	Ratio	Resp	Lower	Upper
202	100	911279		
101	7.9	0.0	27.2	
203	17.3	0.0	37.1	

Manual Integrations
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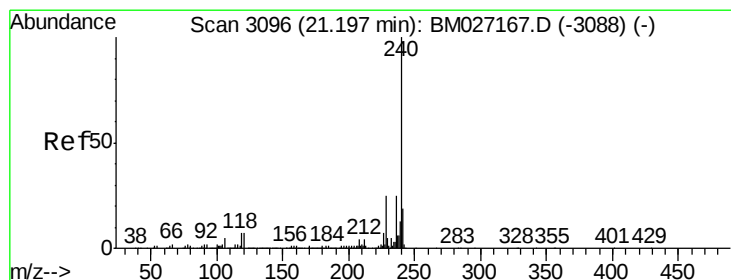
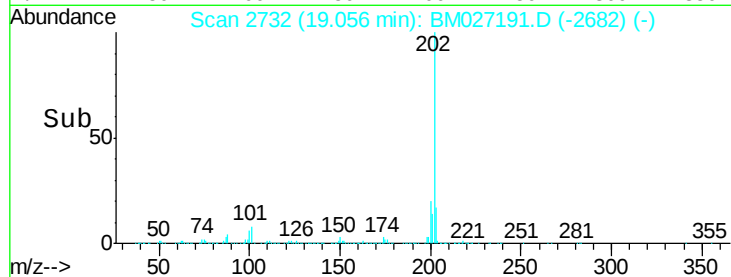
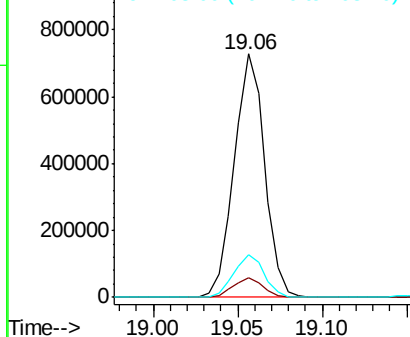


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

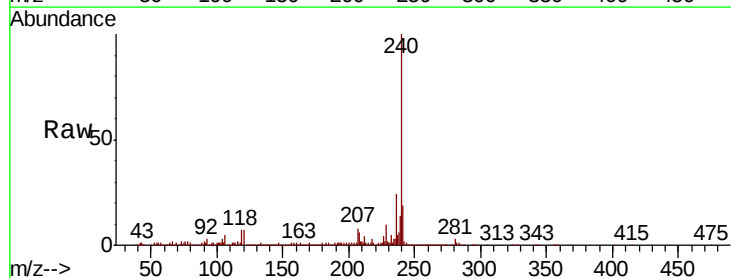
RT: 21.19 min Scan# 3095

Delta R.T. -0.01 min

Lab File: BM027191.D

Acq: 22 Aug 2020 04:07

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	739481		
120	7.0	5.6	8.4	
236	24.3	19.8	29.6	

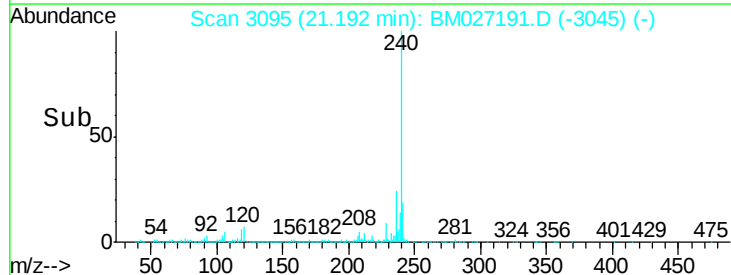
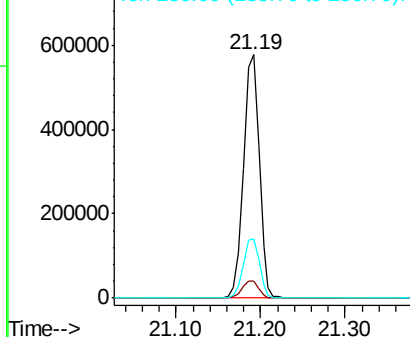


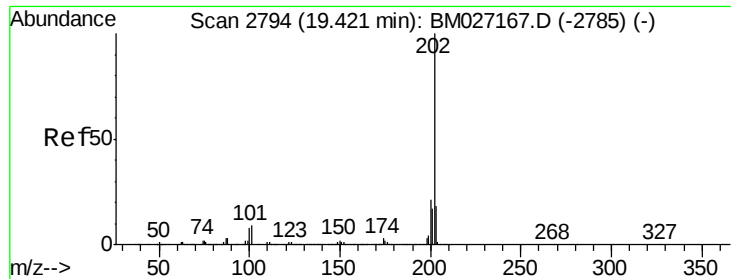
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





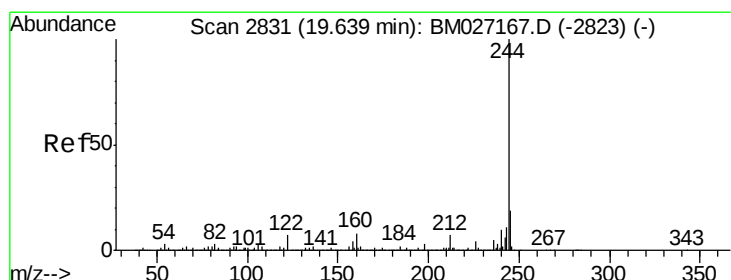
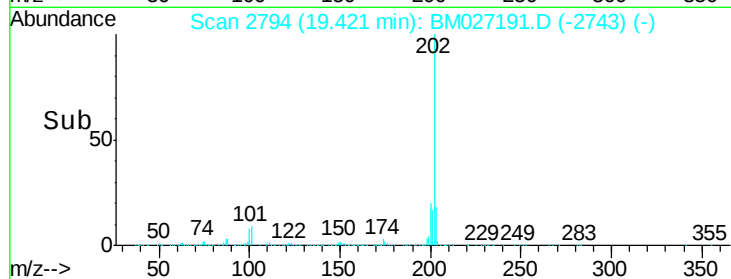
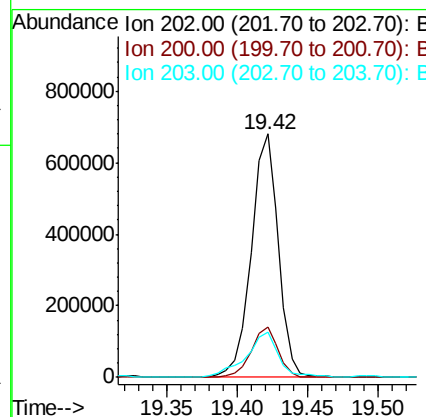
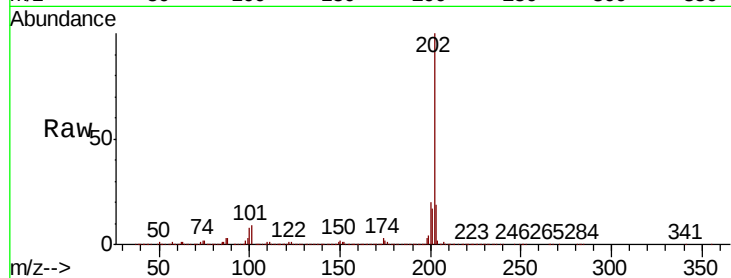
#78
Pvrene
Concen: 20.291 ng
RT: 19.42 min Scan# 2794
Delta R.T. -0.00 min
Lab File: BM027191.D
Acq: 22 Aug 2020 04:07

Instrument :
BNA_M
ClientSampleId :
MP-081920-B11-0-2-COMP

Tot Ion	Ratio	Resp	Lower	Upper
202	100			
200	20.4	16.6	25.0	
203	18.5	14.0	21.0	

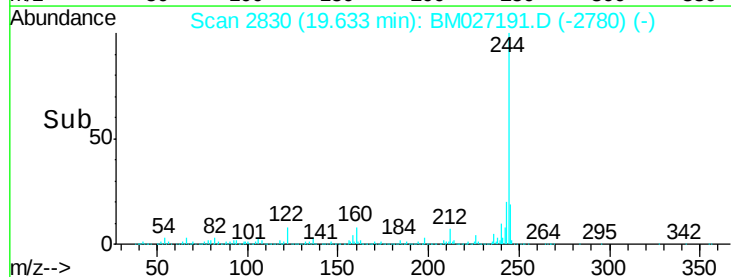
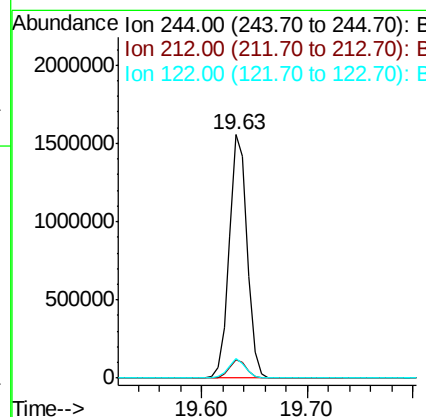
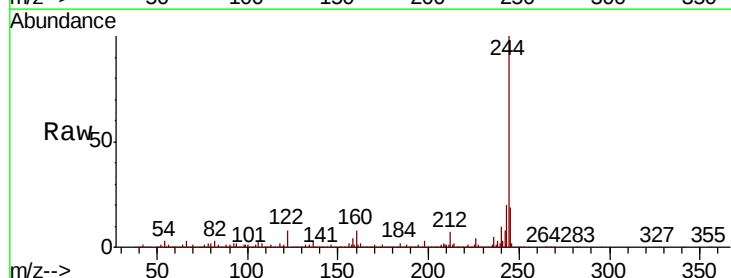
Manual Integrations
APPROVED

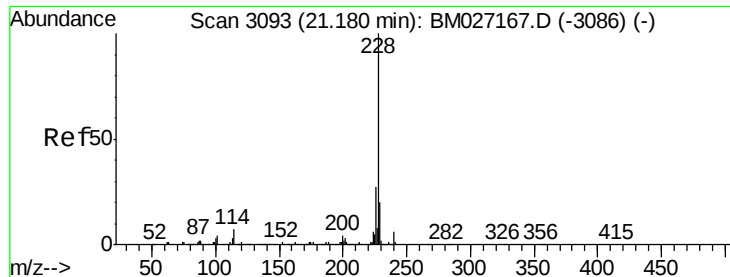
Sohil
8/24/2020 1:48:43 PM



#79
Terphenyl-d14
Concen: 45.719 ng
RT: 19.63 min Scan# 2830
Delta R.T. -0.01 min
Lab File: BM027191.D
Acq: 22 Aug 2020 04:07

Tgt Ion	Ratio	Resp	Lower	Upper
244	100			
212	7.3	5.8	8.8	
122	8.0	5.8	8.8	





#81

Benzo(a)anthracene

Concen: 10.680 ng

RT: 21.17 min Scan# 3092

Delta R.T. -0.01 min

Lab File: BM027191.D

Acq: 22 Aug 2020 04:07

Instrument :

BNA_M

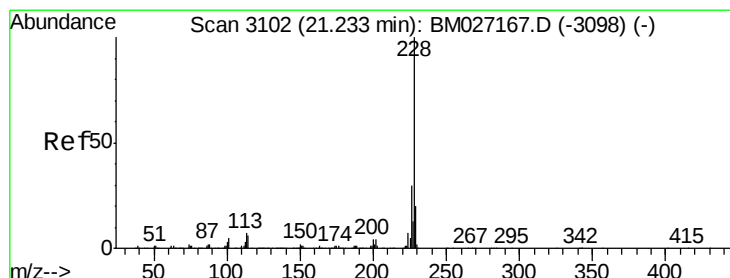
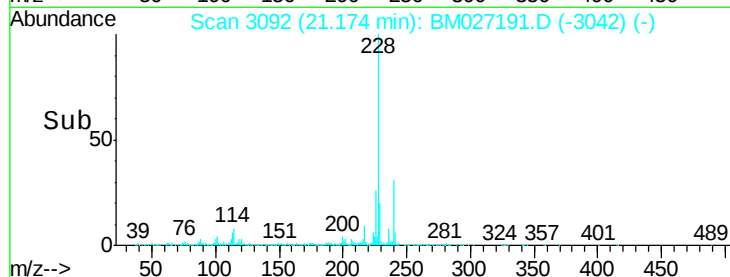
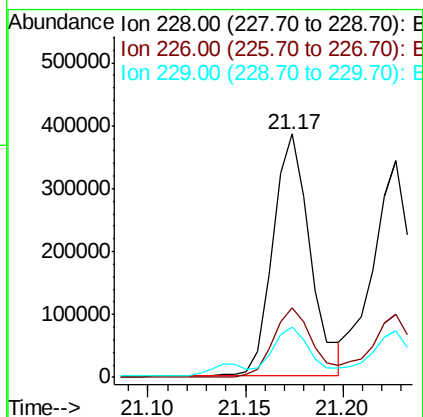
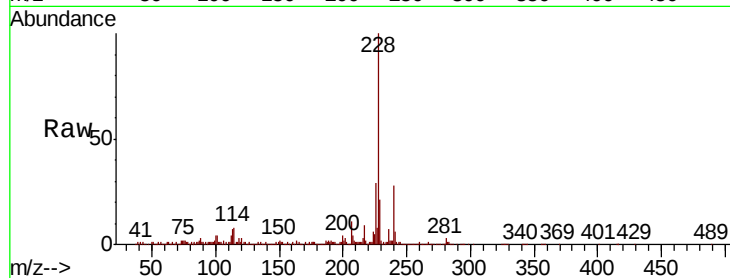
ClientSampleId :

MP-081920-B11-0-2-COMP

Tot Ion:	228	Resp:	511749
Ion	Ratio	Lower	Upper
228	100		
226	28.7	21.4	32.2
229	20.6	15.8	23.6

Manual Integrations
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#83

Chrysene

Concen: 9.854 ng

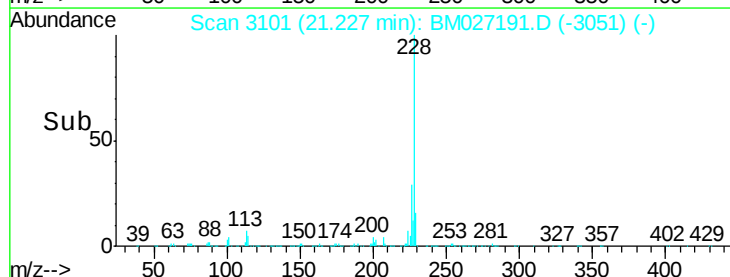
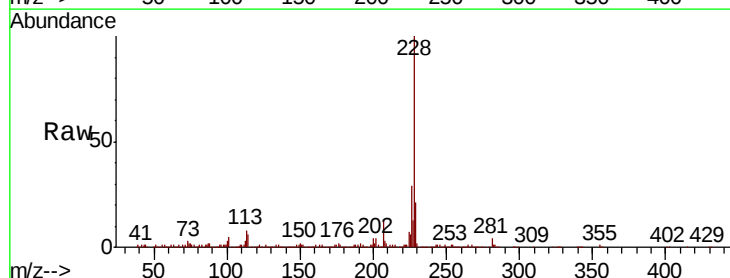
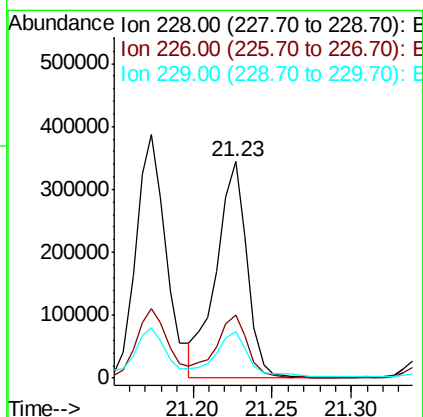
RT: 21.23 min Scan# 3101

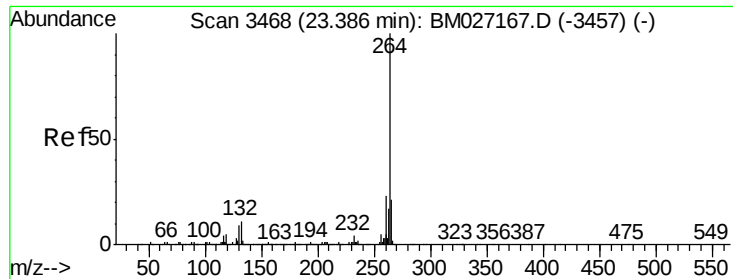
Delta R.T. -0.01 min

Lab File: BM027191.D

Acq: 22 Aug 2020 04:07

Tgt Ion:	228	Resp:	458579
Ion	Ratio	Lower	Upper
228	100		
226	29.3	23.7	35.5
229	21.3	15.8	23.8





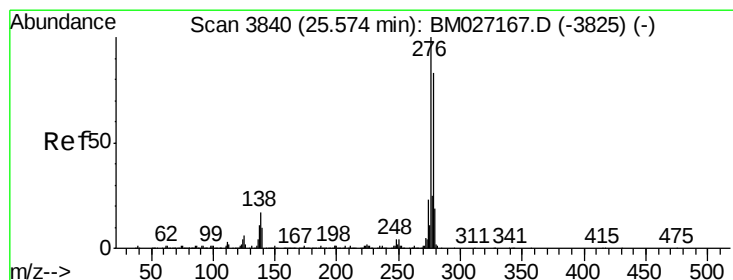
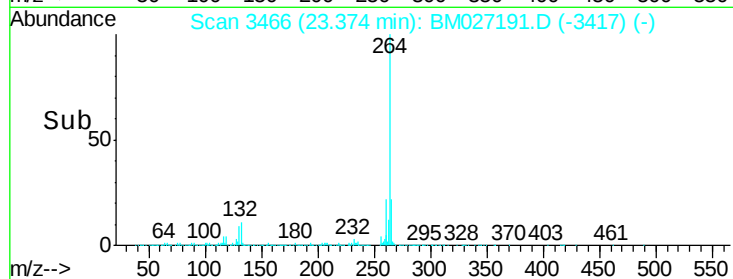
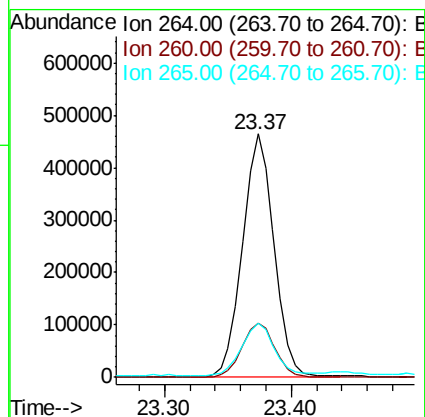
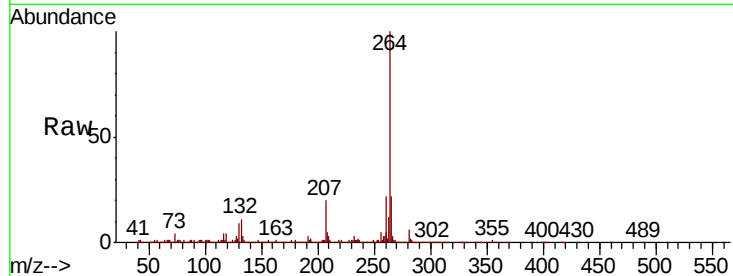
#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.37 min Scan# 3466
Delta R.T. -0.01 min
Lab File: BM027191.D
Acq: 22 Aug 2020 04:07

Instrument :
BNA_M
ClientSampleId :
MP-081920-B11-0-2-COMP

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.3	18.8	28.2
265	22.1	17.5	26.3

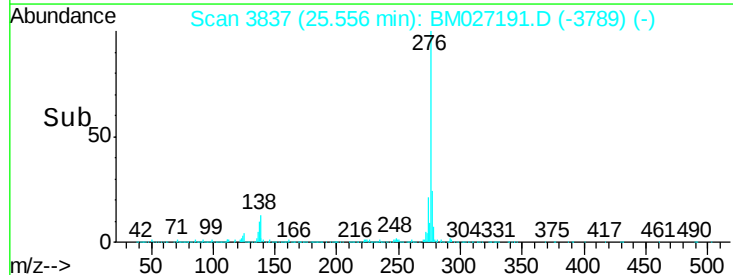
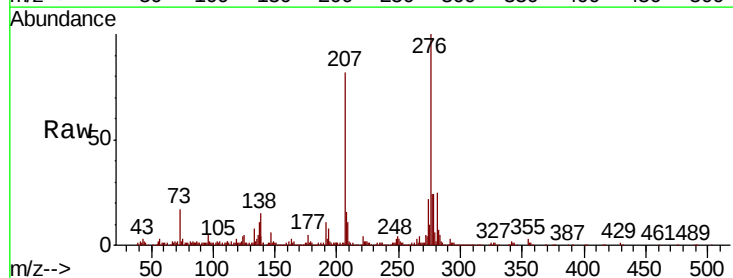
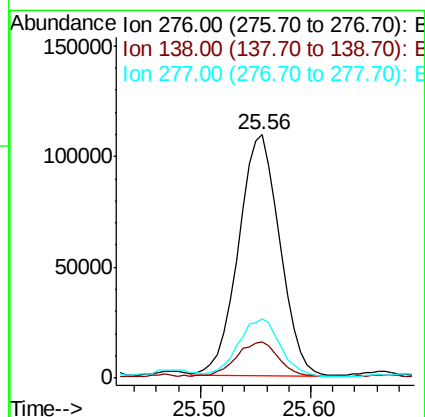
Manual Integrations
APPROVED

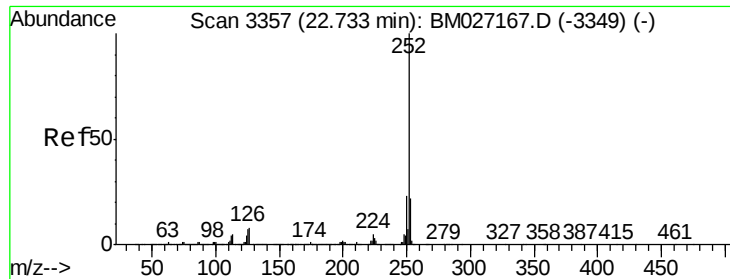
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#87
Indeno(1,2,3-cd)pyrene
Concen: 4.599 ng
RT: 25.56 min Scan# 3837
Delta R.T. -0.02 min
Lab File: BM027191.D
Acq: 22 Aug 2020 04:07

Tgt Ion	Ratio	Lower	Upper
276	100		
138	15.1	13.3	19.9
277	24.7	20.0	30.0





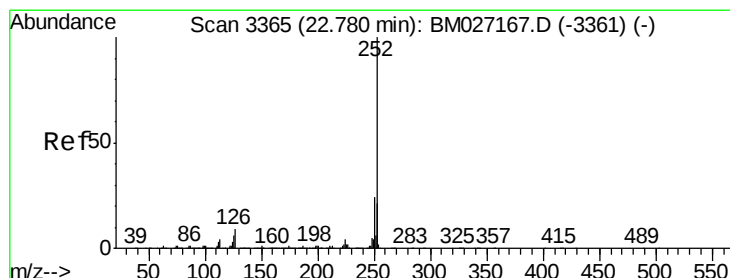
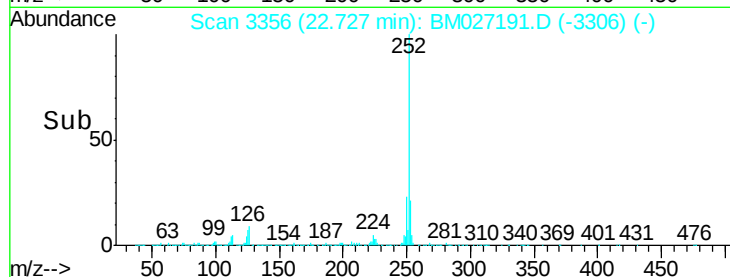
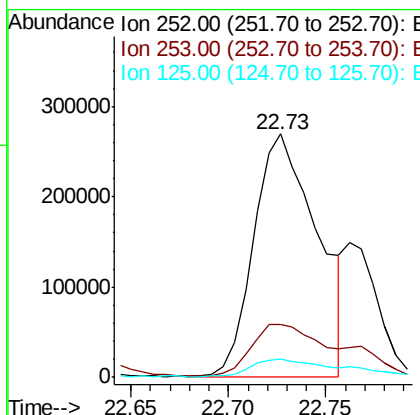
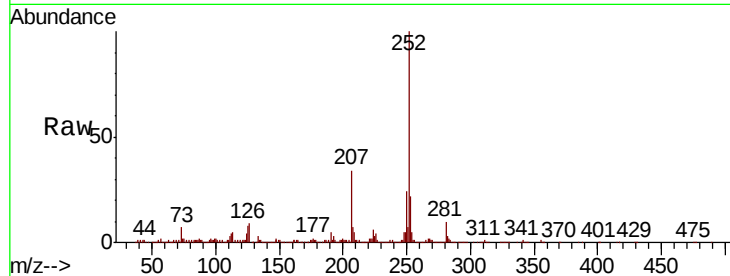
#88
Benzo(b)fluoranthene
Concen: 11.377 ng
RT: 22.73 min Scan# 3356
Delta R.T. -0.01 min
Lab File: BM027191.D
Acq: 22 Aug 2020 04:07

Instrument :
BNA_M
ClientSampleId :
MP-081920-B11-0-2-COMP

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.7	26.5
125	7.6	5.4	8.0

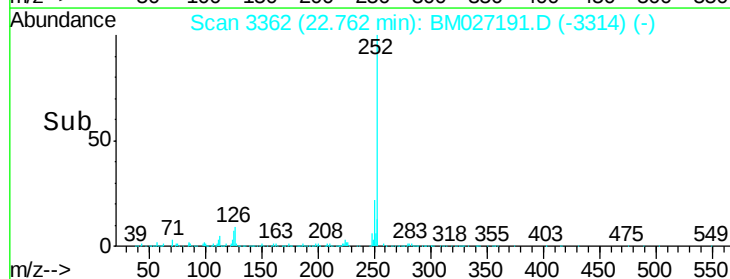
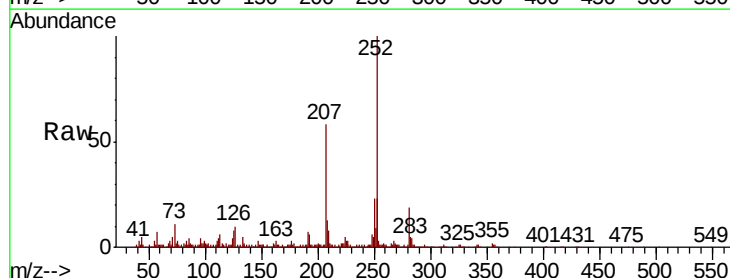
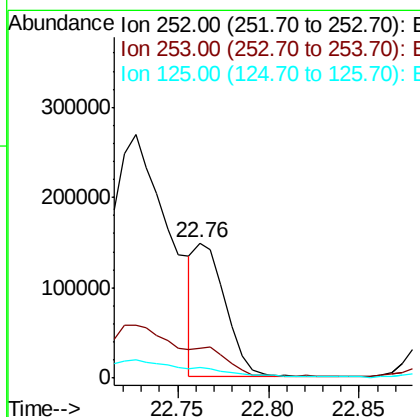
Manual Integrations
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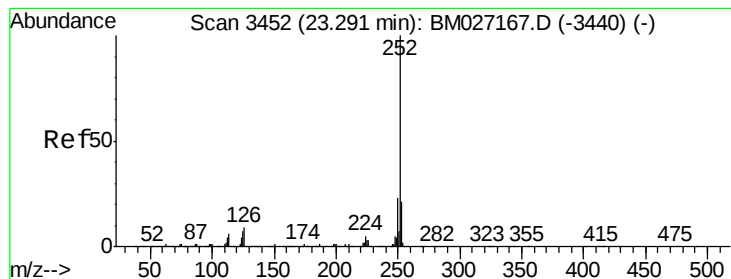
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#89
Benzo(k)fluoranthene
Concen: 3.287 ng m
RT: 22.76 min Scan# 3362
Delta R.T. -0.02 min
Lab File: BM027191.D
Acq: 22 Aug 2020 04:07

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.4	26.0
125	8.1	5.3	7.9#





#90

Benzo(a)pyrene

Concen: 9.360 ng

RT: 23.28 min Scan# 3450

Delta R.T. -0.01 min

Lab File: BM027191.D

Acq: 22 Aug 2020 04:07

Instrument :

BNA_M

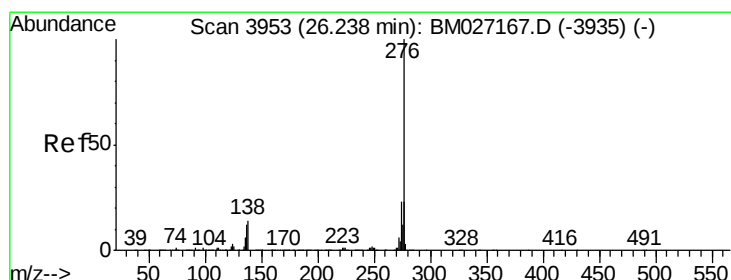
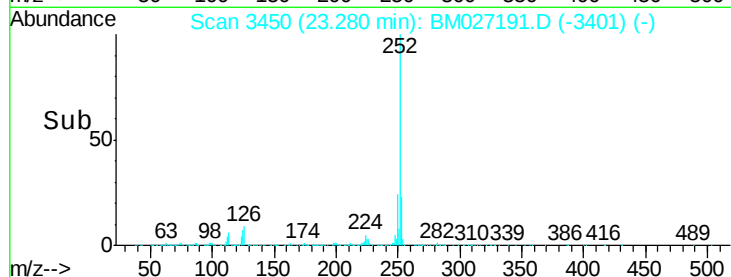
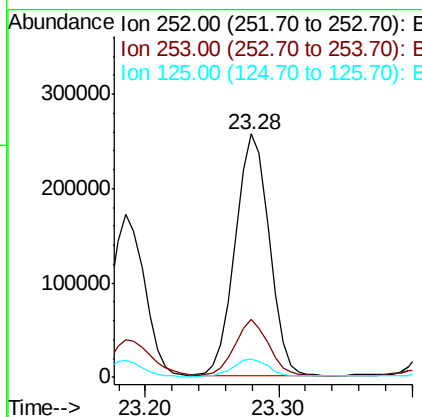
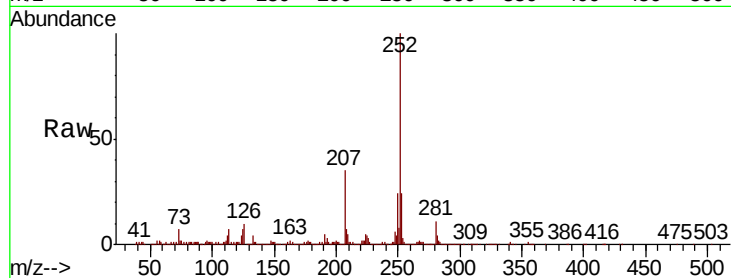
ClientSampleId :

MP-081920-B11-0-2-COMP

Tot Ion:	252	Resp:	454728
Ion Ratio	Lower	Upper	
252	100		
253	23.6	17.1	25.7
125	7.4	5.8	8.6

Manual Integrations
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#92

Benzo(g,h,i)perylene

Concen: 5.562 ng

RT: 26.21 min Scan# 3949

Delta R.T. -0.02 min

Lab File: BM027191.D

Acq: 22 Aug 2020 04:07

Tgt Ion:	276	Resp:	278544
Ion Ratio	Lower	Upper	
276	100		
277	24.1	18.6	28.0
138	15.4	11.4	17.0

