

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050819\
 Data File : BM020205.D
 Acq On : 08 May 2019 21:23
 Operator : JU/SJ
 Sample : K2641-03 2X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CL-02-050719-B

Manual Integrations
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 5/9/2019 6:45:37 PM

Quant Time: May 09 03:31:14 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM043019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 01 03:58:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	159092	20.00	ng	0.00
21) Naphthalene-d8	10.58	136	573433	20.00	ng	0.00
39) Acenaphthene-d10	14.43	164	336740	20.00	ng	0.00
64) Phenanthrene-d10	17.18	188	776437	20.00	ng	0.00
76) Chrysene-d12	21.37	240	820518	20.00	ng	0.00
87) Perylene-d12	23.66	264	965865	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	522077	53.64	ng	0.00
7) Phenol-d6	6.95	99	707074	53.18	ng	0.00
23) Nitrobenzene-d5	8.95	82	494536	34.05	ng	0.00
42) 2,4,6-Tribromophenol	15.92	330	287558	55.02	ng	0.00
45) 2-Fluorobiphenyl	13.04	172	865753	31.63	ng	-0.01
79) Terphenyl-d14	19.80	244	1298109	27.59	ng	0.00
Target Compounds						
50) Dimethylphthalate	13.89	163	91759	3.206	ng	98
71) Phenanthrene	17.22	178	364941	8.515	ng	99
72) Anthracene	17.31	178	114711	2.677	ng	99
75) Fluoranthene	19.24	202	852911	15.728	ng	99
78) Pyrene	19.60	202	742862	13.485	ng	99
81) Benzo(a)anthracene	21.35	228	458703	7.972	ng	96
83) Chrysene	21.40	228	375116	6.722	ng	96
86) Indeno(1,2,3-cd)pyrene	25.99	276	276117	4.160	ng	# 100
88) Benzo(b)fluoranthene	22.96	252	569350	8.927	ng	# 93
89) Benzo(k)fluoranthene	23.00	252	168024m	2.888	ng	
90) Benzo(a)pyrene	23.56	252	404653	6.985	ng	# 93
92) Benzo(a,h,i)perylene	26.71	276	263027	4.598	ng	93

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

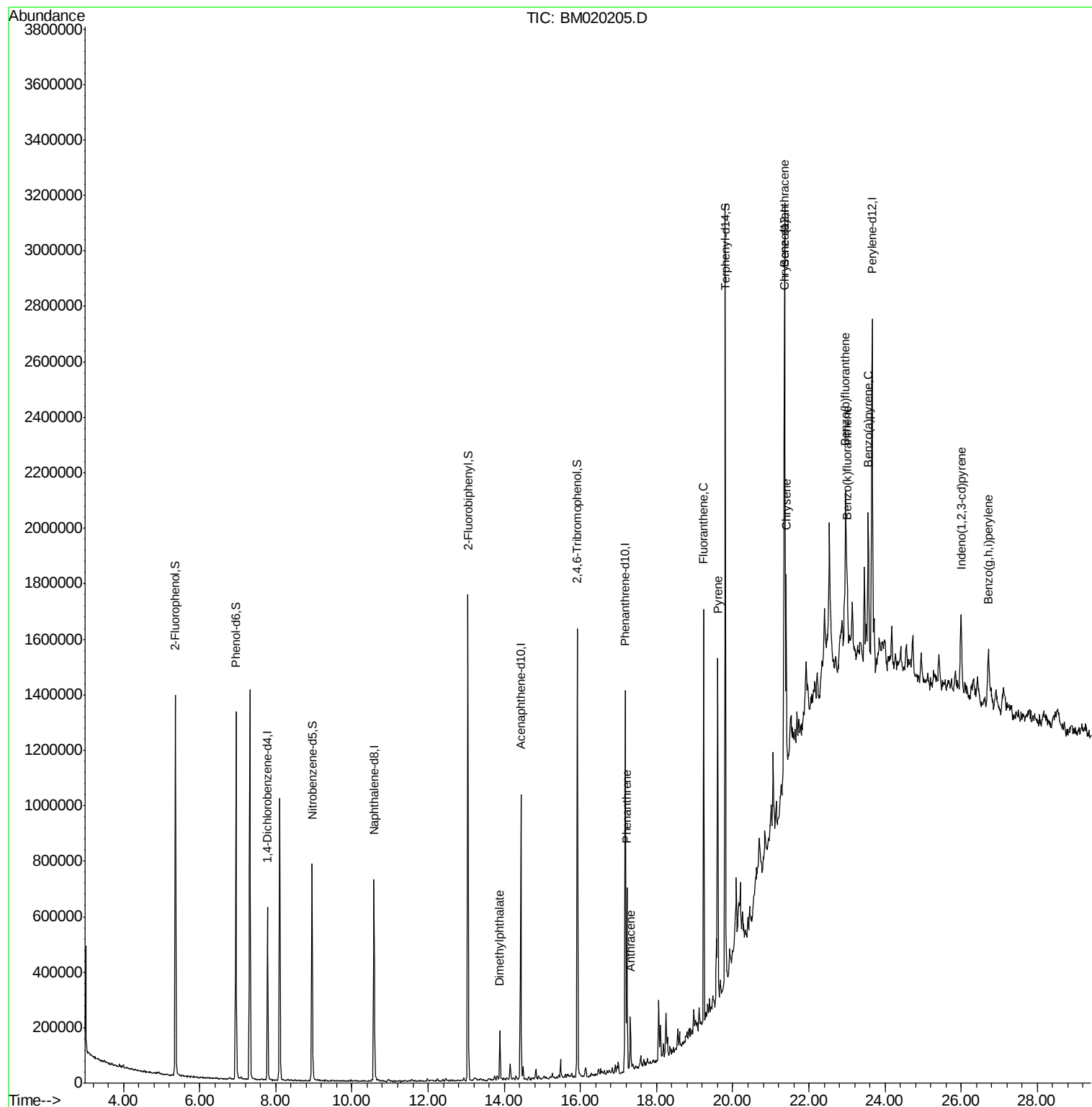
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050819\
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ALS Vial : 15 Sample Multiplier: 1

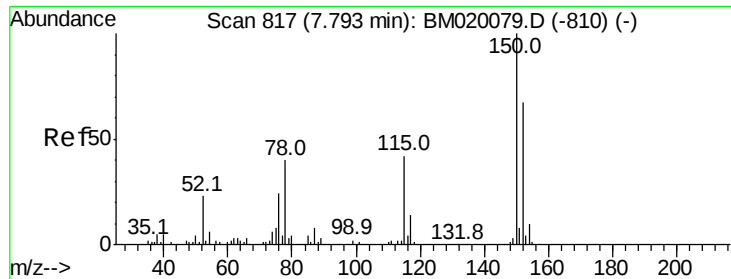
Instrument :
BNA_M
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CL-02-050719-B

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM043019.M
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#1

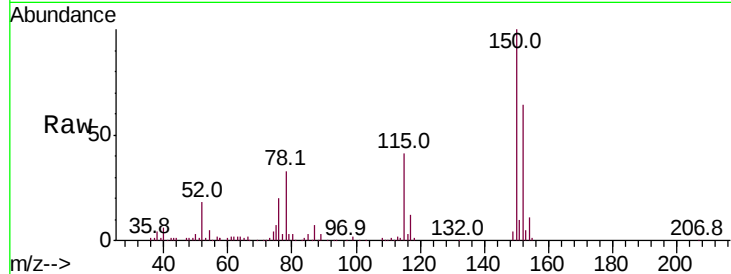
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.79 min Scan# 816
Delta R.T. -0.01 min
Lab File: BM020205.D
Acq: 08 May 2019 21:23

Instrument :
BNA_M
ClientSampleId :
CL-02-050719-B

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.9	119.8	179.8
115	63.6	50.8	76.2

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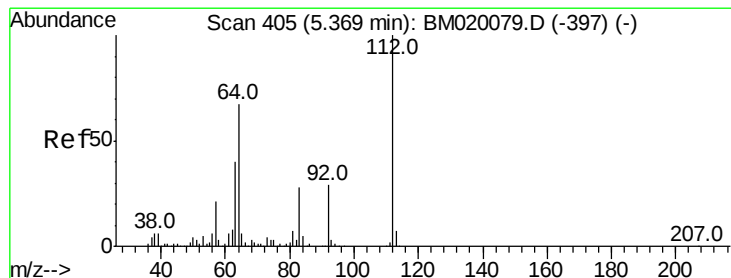
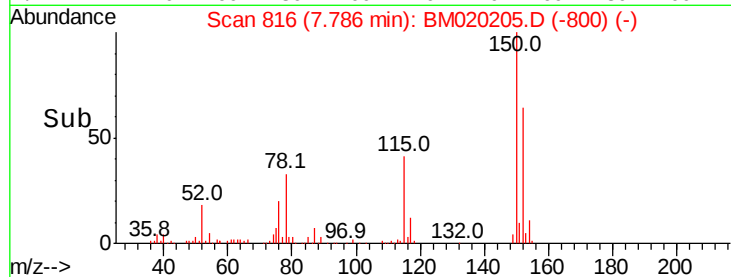
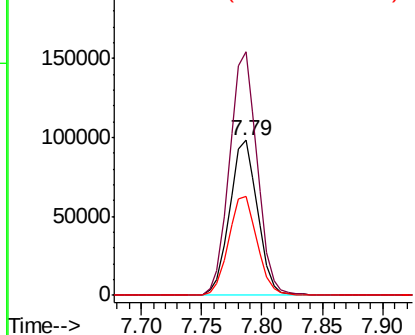


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

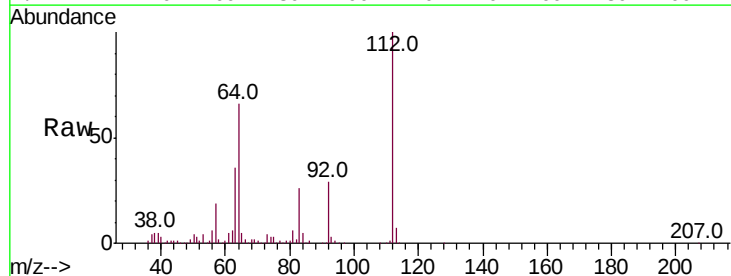
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 53.641 ng
RT: 5.36 min Scan# 404
Delta R.T. -0.01 min
Lab File: BM020205.D
Acq: 08 May 2019 21:23

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.7	53.8	80.6
63	36.3	32.3	48.5

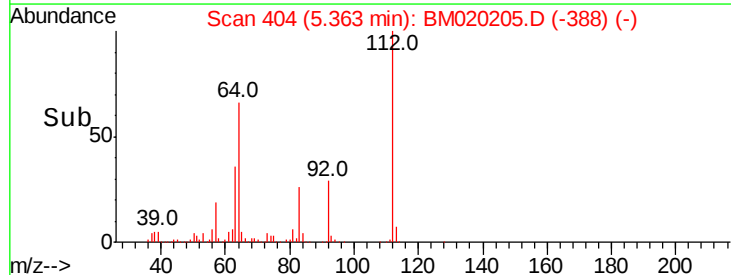
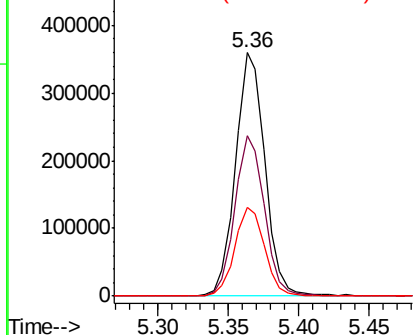


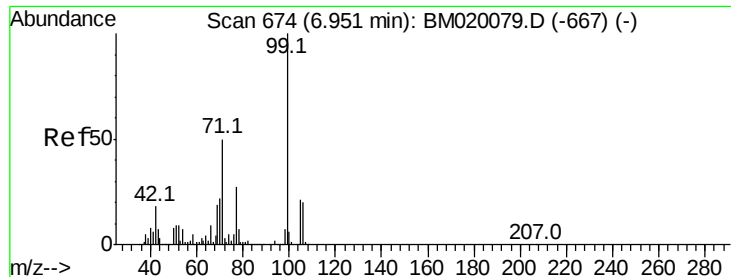
Abundance

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: 53.178 ng

RT: 6.95 min Scan# 674

Delta R.T. -0.00 min

Lab File: BM020205.D

Acq: 08 May 2019 21:23

Instrument :

BNA_M

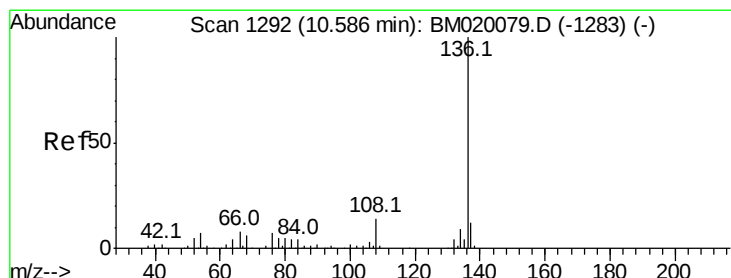
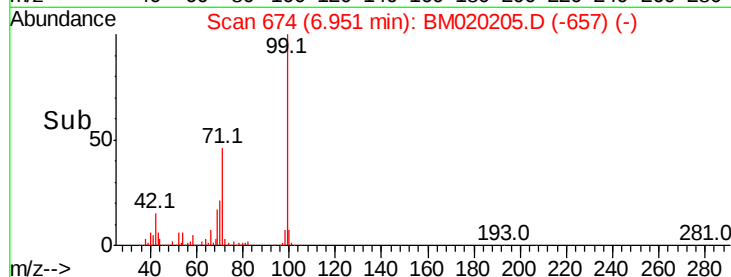
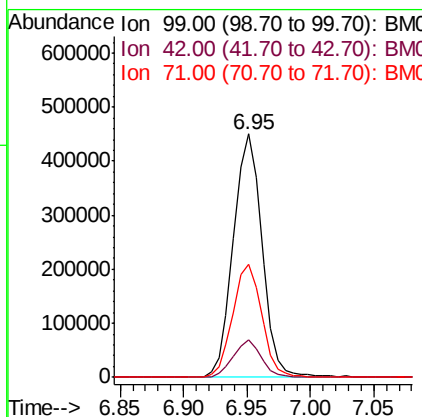
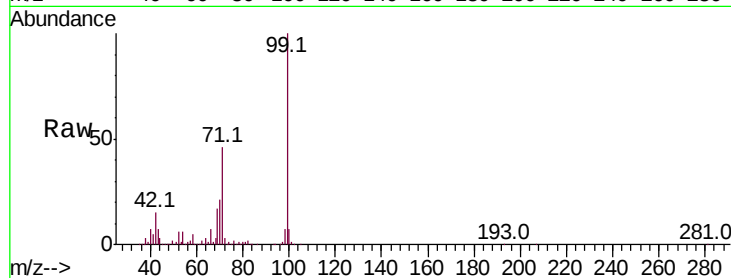
ClientSampleId :

CL-02-050719-B

Tot Ion:	99	Resp:	707074
Ion Ratio	Lower	Upper	
99	100		
42	15.2	14.2	21.2
71	46.4	40.3	60.5

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#21

Naphthalene-d8

Concen: 20.000 ng

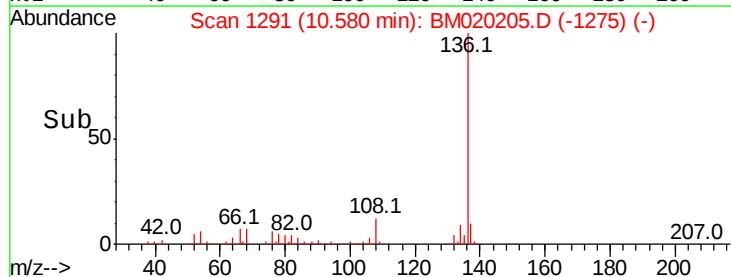
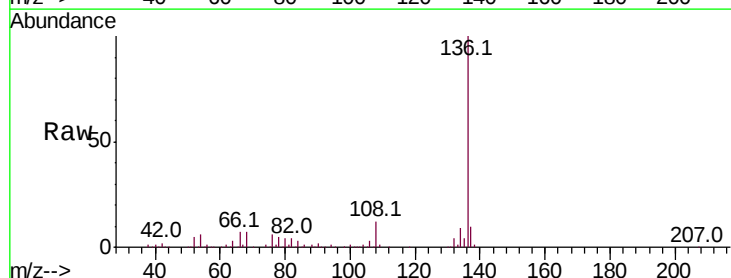
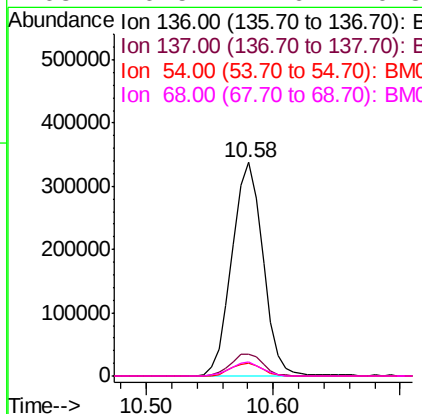
RT: 10.58 min Scan# 1291

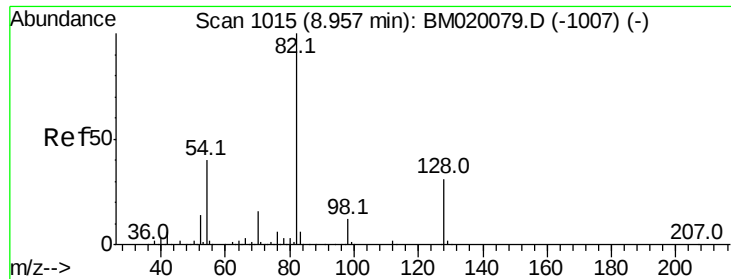
Delta R.T. -0.01 min

Lab File: BM020205.D

Acq: 08 May 2019 21:23

Tgt Ion:	136	Resp:	573433
Ion Ratio	Lower	Upper	
136	100		
137	10.5	9.6	14.4
54	6.0	5.5	8.3
68	6.5	4.6	6.8





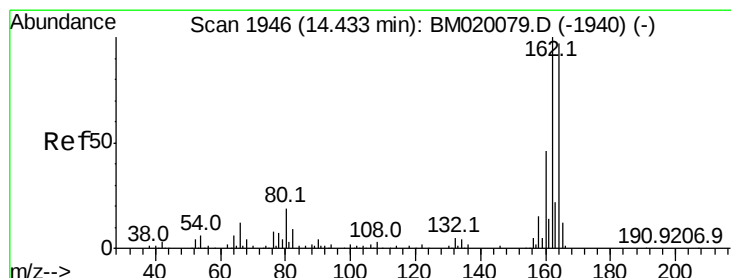
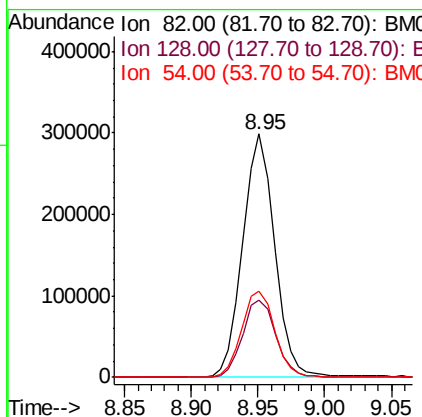
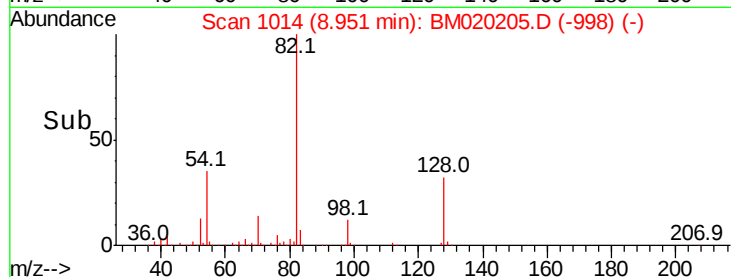
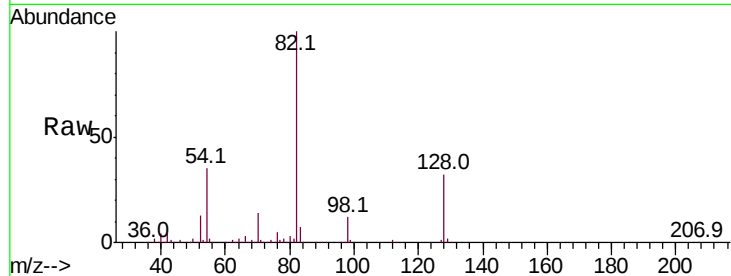
#23
Nitrobenzene-d5
Concen: 34.048 ng
RT: 8.95 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BM020205.D
Acq: 08 May 2019 21:23

Instrument :
BNA_M
ClientSampleId :
CL-02-050719-B

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	31.9	25.2	37.8	
54	35.5	31.9	47.9	

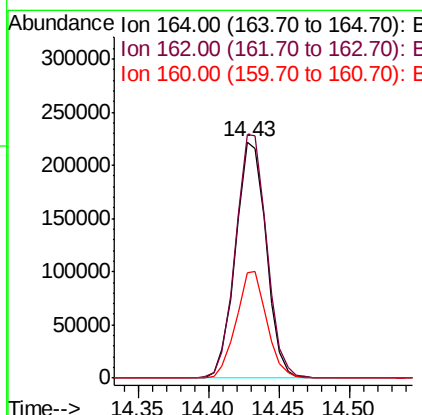
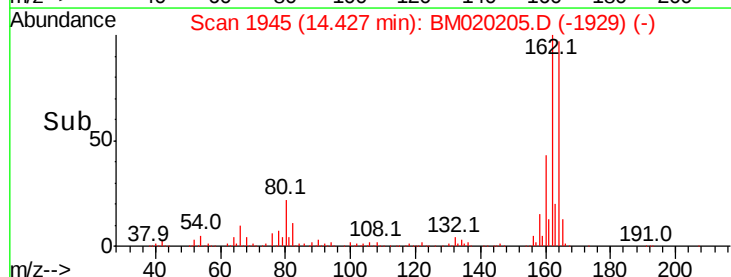
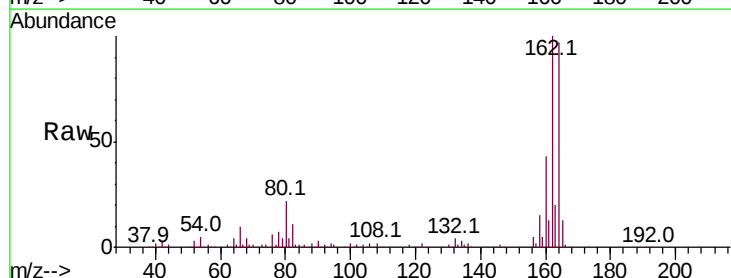
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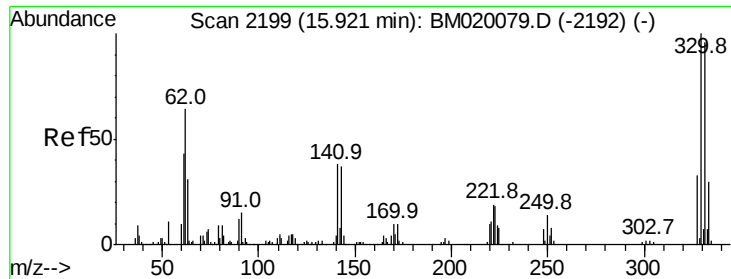
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.43 min Scan# 1945
Delta R.T. -0.01 min
Lab File: BM020205.D
Acq: 08 May 2019 21:23

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	103.0	82.2	123.2	
160	44.4	37.6	56.4	





#42

2,4,6-Tribromophenol

Concen: 55.016 ng

RT: 15.92 min Scan# 2199

Delta R.T. -0.00 min

Lab File: BM020205.D

Acq: 08 May 2019 21:23

Instrument :

BNA_M

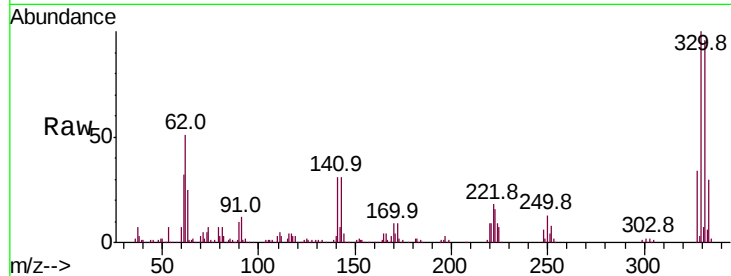
ClientSampleId :

CL-02-050719-B

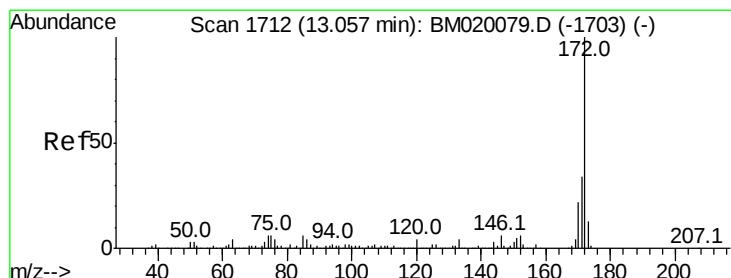
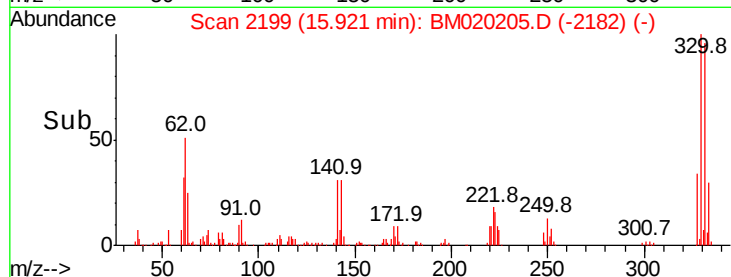
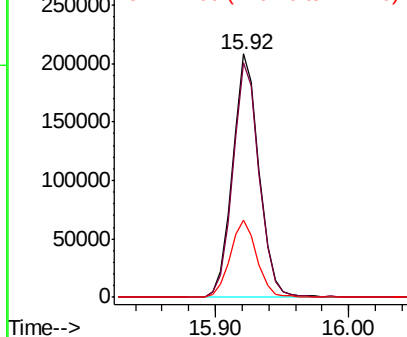
Tot Ion:	330	Resp:	287558
Ion Ratio	Lower	Upper	
330	100		
332	96.2	76.8	115.2
141	32.4	29.2	43.8

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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: 31.632 ng

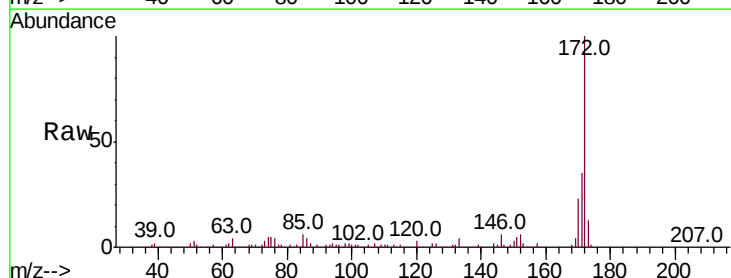
RT: 13.04 min Scan# 1710

Delta R.T. -0.01 min

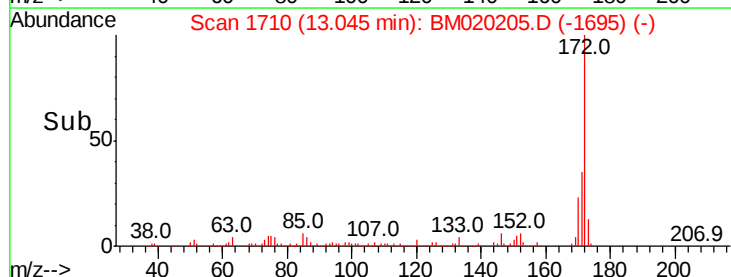
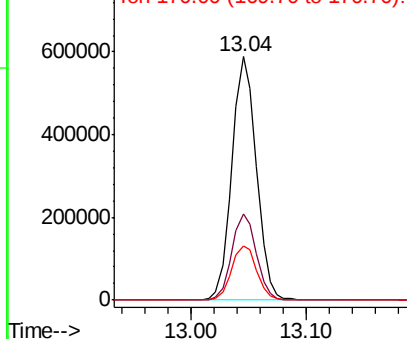
Lab File: BM020205.D

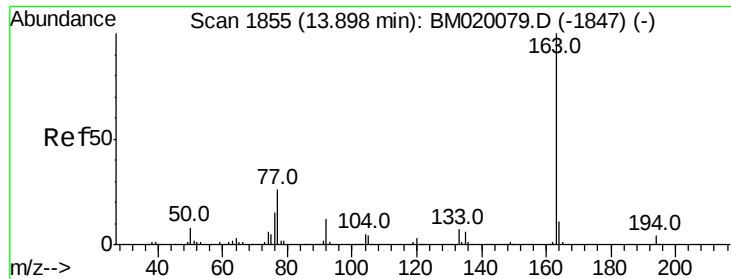
Acq: 08 May 2019 21:23

Tgt Ion:	172	Resp:	865753
Ion Ratio	Lower	Upper	
172	100		
171	35.3	27.3	40.9
170	22.5	17.9	26.9



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





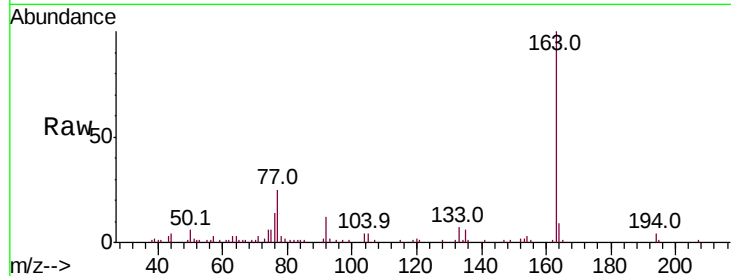
#50
Dimethylphthalate
Concen: 3.206 ng
RT: 13.89 min Scan# 1853
Delta R.T. -0.01 min
Lab File: BM020205.D
Acq: 08 May 2019 21:23

Instrument :
BNA_M
ClientSampleId :
CL-02-050719-B

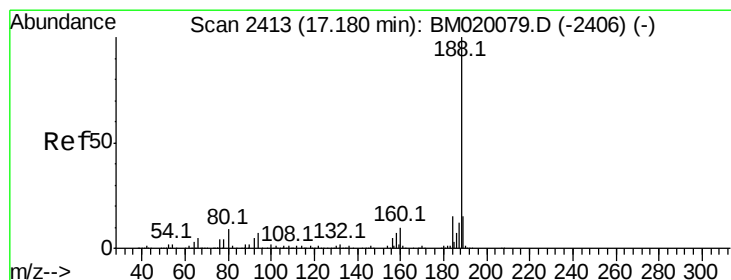
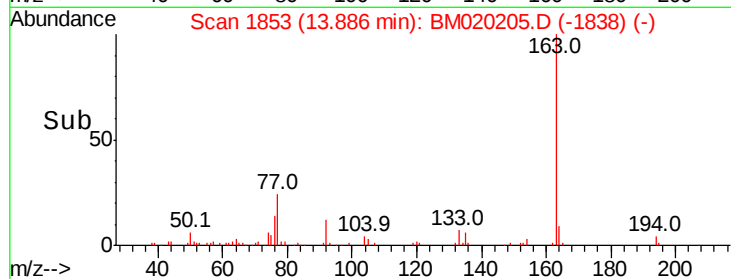
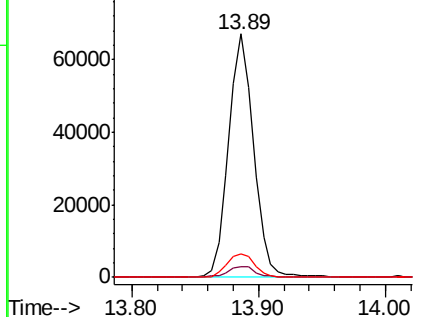
Tot Ion:	163	Resp:	91759
Ion Ratio	Lower	Upper	
163	100		
194	4.3	3.6	5.4
164	9.4	8.4	12.6

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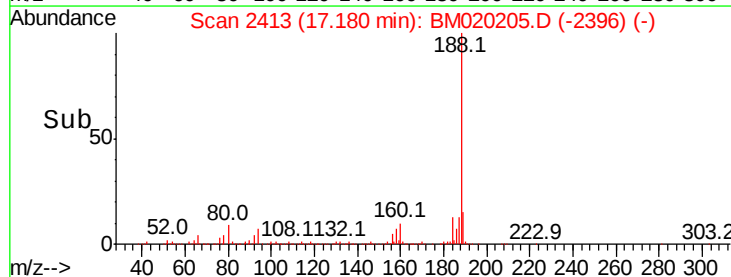
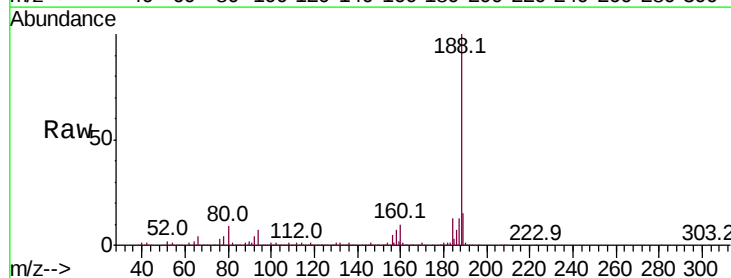
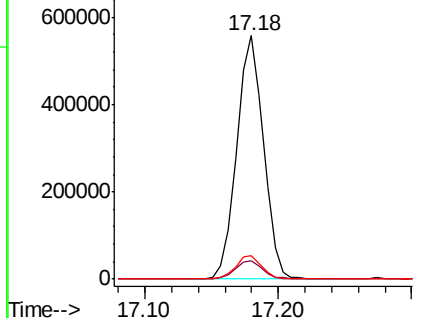
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

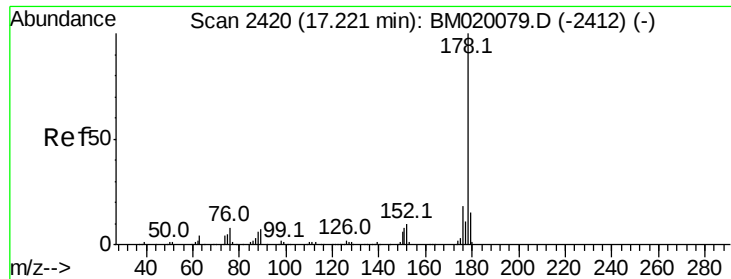


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.18 min Scan# 2413
Delta R.T. -0.00 min
Lab File: BM020205.D
Acq: 08 May 2019 21:23

Tgt Ion:	188	Resp:	776437
Ion Ratio	Lower	Upper	
188	100		
94	7.5	5.8	8.6
80	9.5	7.4	11.2

Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM0
Ion 80.00 (79.70 to 80.70): BM0





#71

Phenanthrene

Concen: 8.515 ng

RT: 17.22 min Scan# 2420

Delta R.T. -0.00 min

Lab File: BM020205.D

Acq: 08 May 2019 21:23

Instrument :

BNA_M

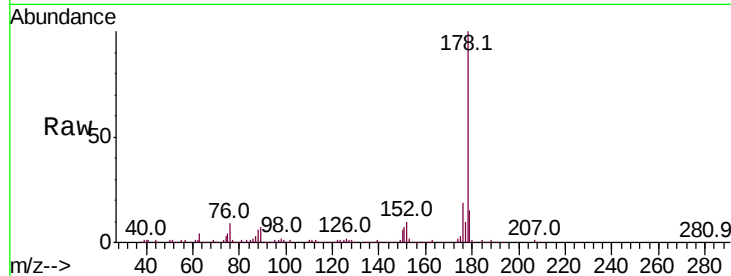
ClientSampleId :

CL-02-050719-B

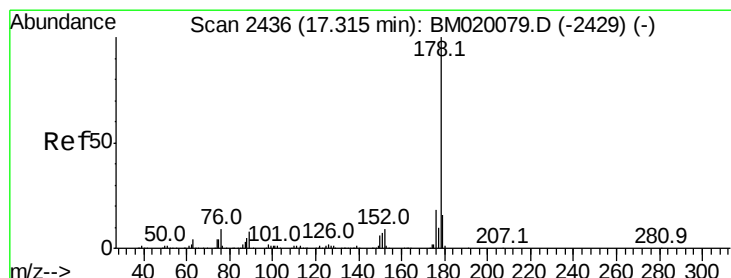
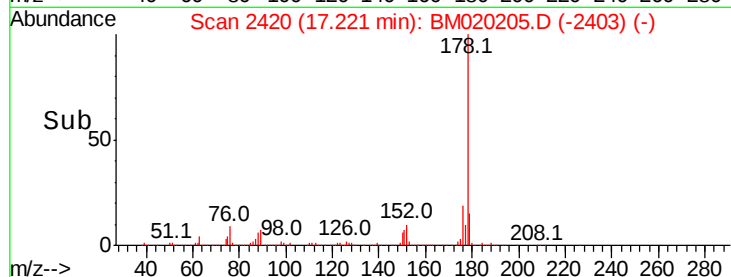
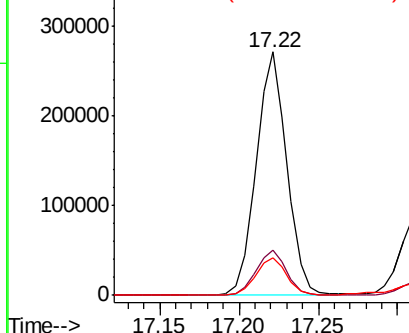
Tot Ion:	178	Resp:	364941
Ion Ratio	Lower	Upper	
178	100		
176	18.8	14.6	21.8
179	15.4	12.4	18.6

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



#72

Anthracene

Concen: 2.677 ng

RT: 17.31 min Scan# 2435

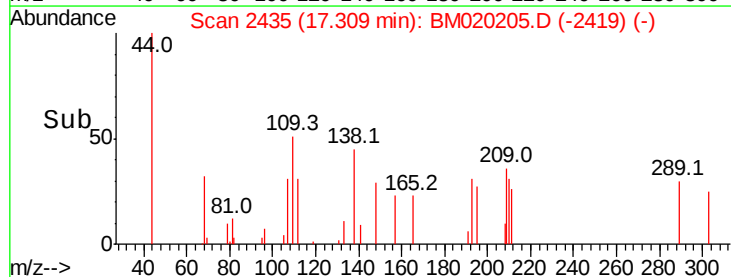
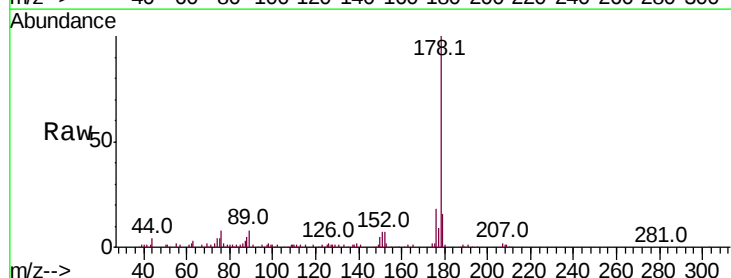
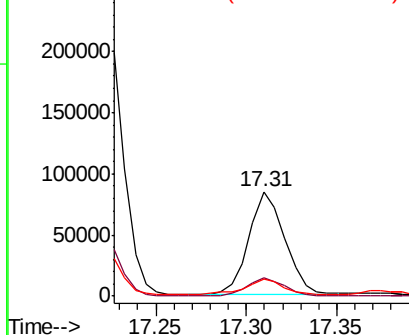
Delta R.T. -0.01 min

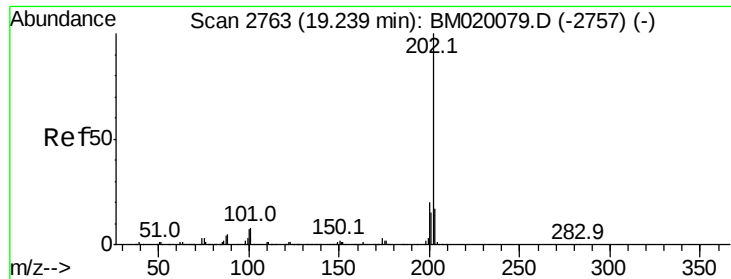
Lab File: BM020205.D

Acq: 08 May 2019 21:23

Tgt Ion:	178	Resp:	114711
Ion Ratio	Lower	Upper	
178	100		
176	17.7	14.6	22.0
179	16.1	12.4	18.6

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





#75

Fluoranthene

Concen: 15.728 ng

RT: 19.24 min Scan# 2763

Delta R.T. -0.00 min

Lab File: BM020205.D

Acq: 08 May 2019 21:23

Instrument :

BNA_M

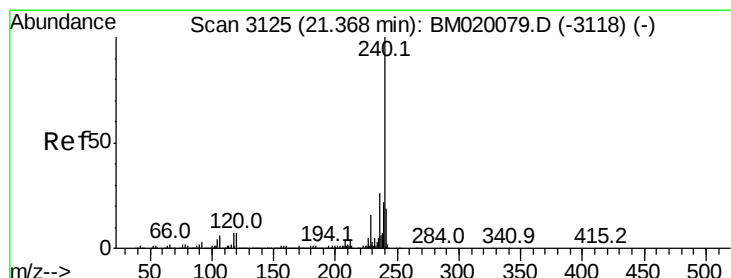
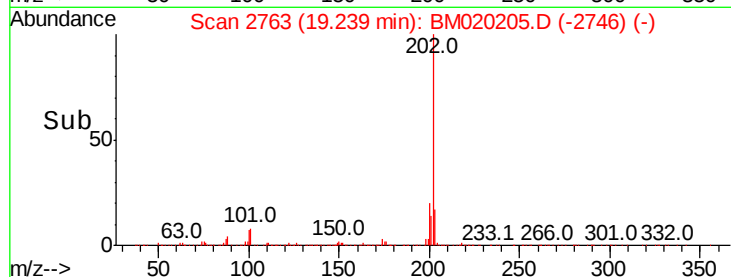
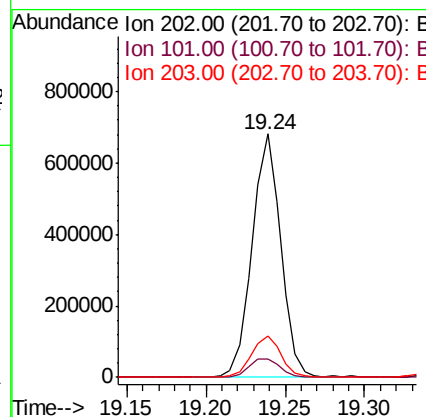
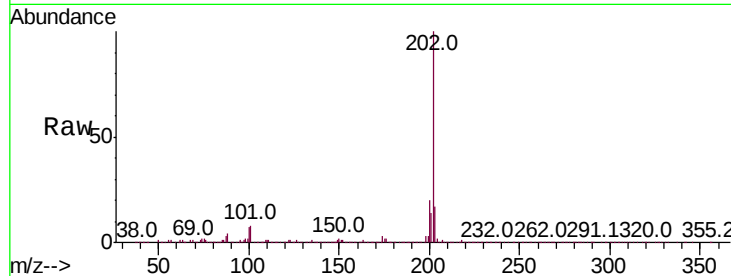
ClientSampleId :

CL-02-050719-B

Tot Ion:	202	Resp:	852911
Ion Ratio	Lower	Upper	
202	100		
101	7.8	0.0	28.4
203	17.1	0.0	37.4

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

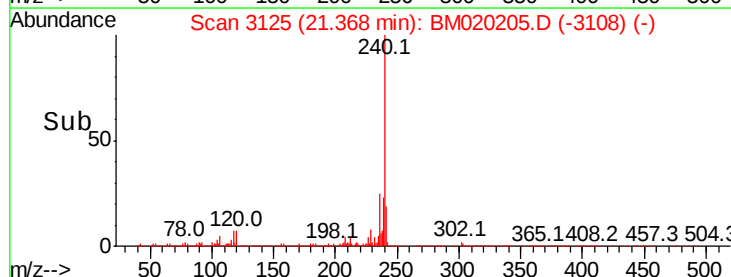
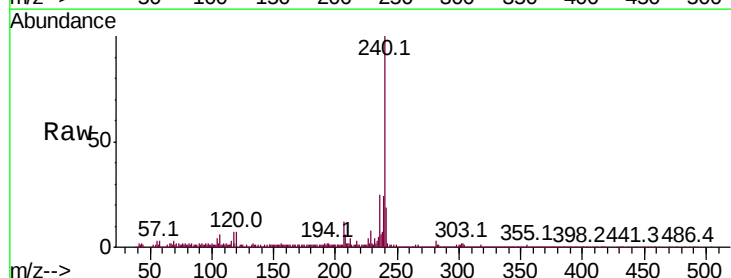
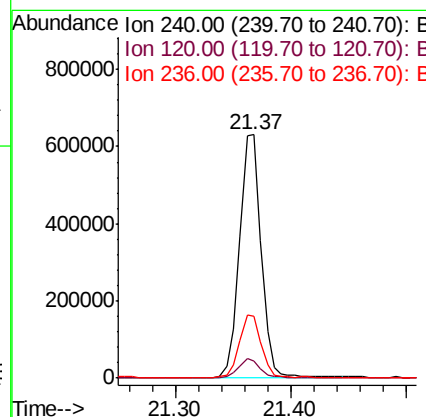
RT: 21.37 min Scan# 3125

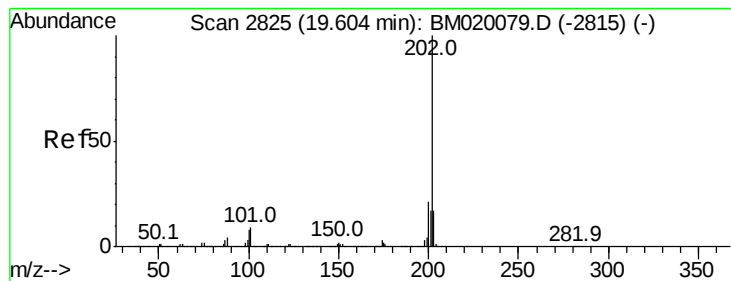
Delta R.T. -0.00 min

Lab File: BM020205.D

Acq: 08 May 2019 21:23

Tgt Ion:	240	Resp:	820518
Ion Ratio	Lower	Upper	
240	100		
120	7.2	5.6	8.4
236	25.5	20.9	31.3





#78

Pvrene

Concen: 13.485 ng

RT: 19.60 min Scan# 2825

Delta R.T. -0.00 min

Lab File: BM020205.D

Acq: 08 May 2019 21:23

Instrument :

BNA_M

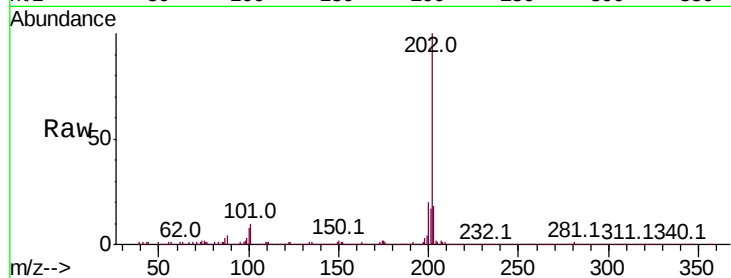
ClientSampleId :

CL-02-050719-B

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	20.3	16.5	24.7
203	17.6	13.9	20.9

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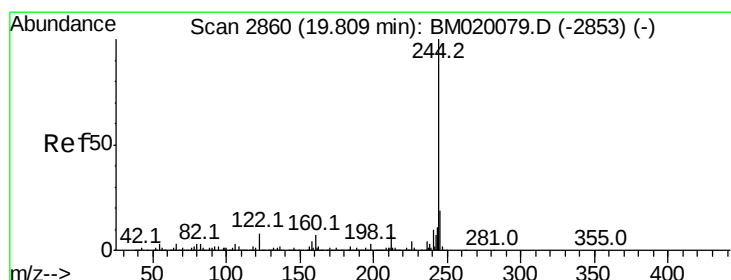
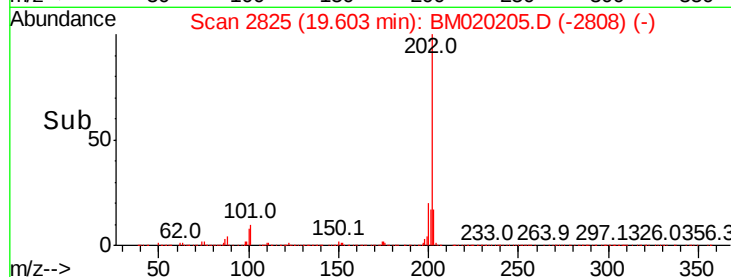
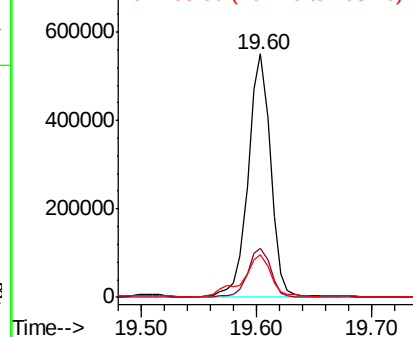


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#79

Terphenyl-d14

Concen: 27.595 ng

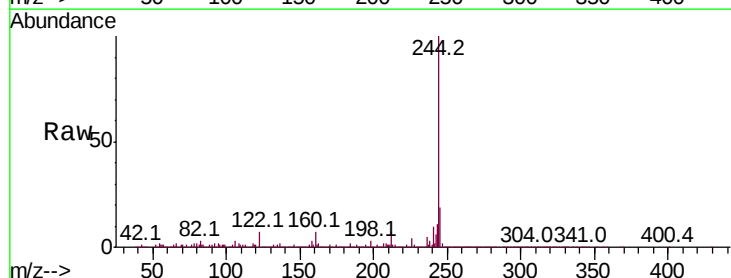
RT: 19.80 min Scan# 2859

Delta R.T. -0.01 min

Lab File: BM020205.D

Acq: 08 May 2019 21:23

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.0	5.7	8.5
122	7.4	6.2	9.2

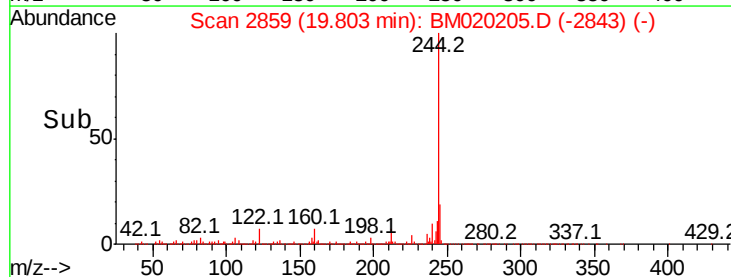
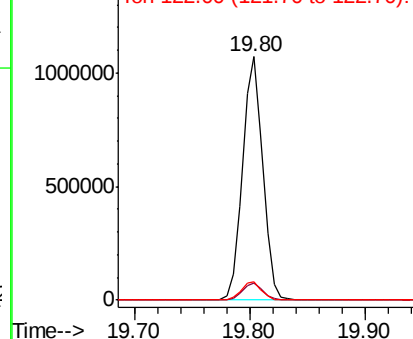


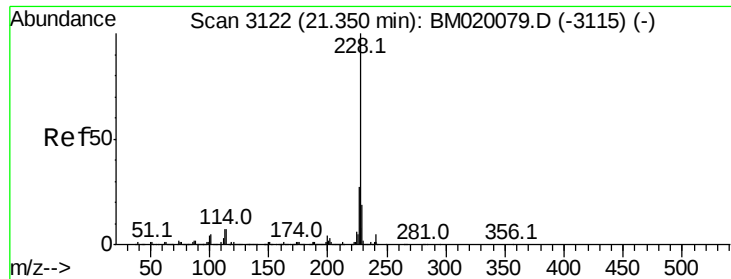
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#81

Benzo(a)anthracene

Concen: 7.972 ng

RT: 21.35 min Scan# 3122

Delta R.T. -0.00 min

Lab File: BM020205.D

Acq: 08 May 2019 21:23

Instrument :

BNA_M

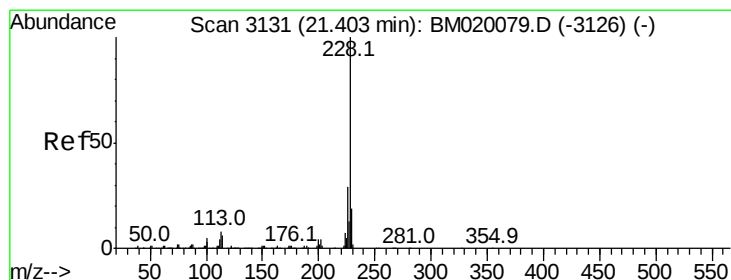
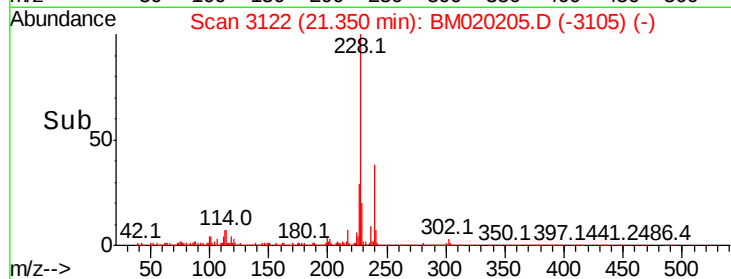
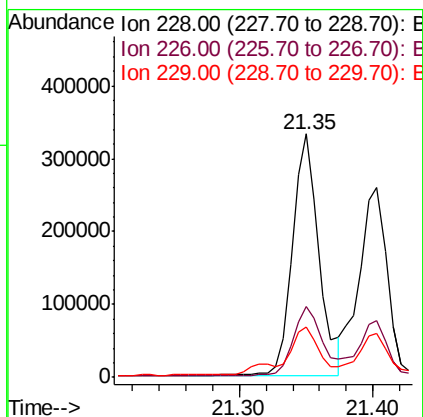
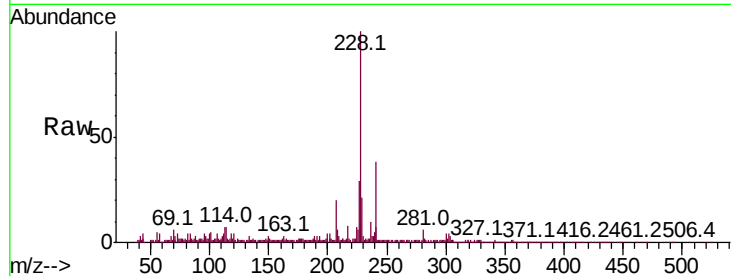
ClientSampleId :

CL-02-050719-B

Tot Ion:	228	Resp:	458703
Ion Ratio	Lower	Upper	
228	100		
226	29.3	21.3	31.9
229	20.8	15.5	23.3

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#83

Chrysene

Concen: 6.722 ng

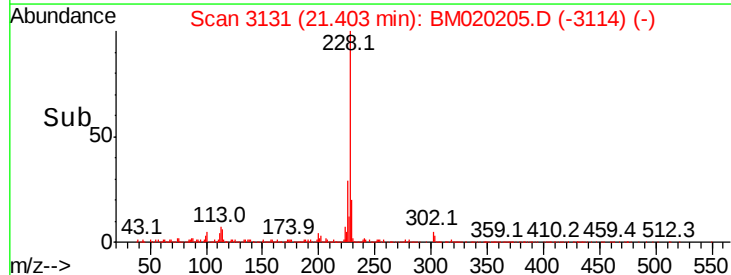
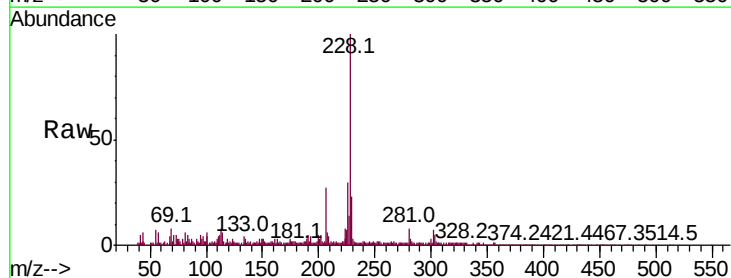
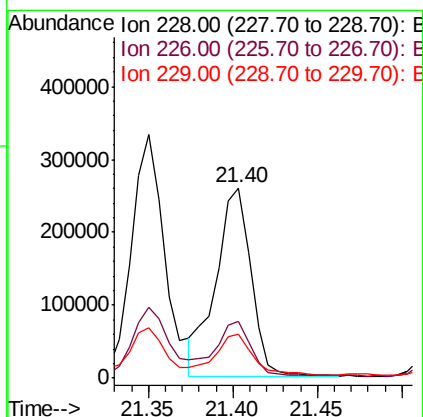
RT: 21.40 min Scan# 3131

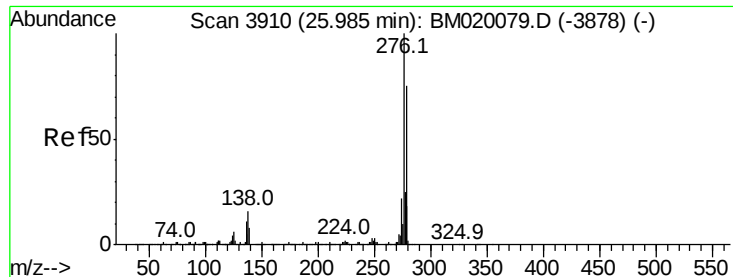
Delta R.T. -0.00 min

Lab File: BM020205.D

Acq: 08 May 2019 21:23

Tgt Ion:	228	Resp:	375116
Ion Ratio	Lower	Upper	
228	100		
226	29.8	23.0	34.6
229	23.0	15.5	23.3





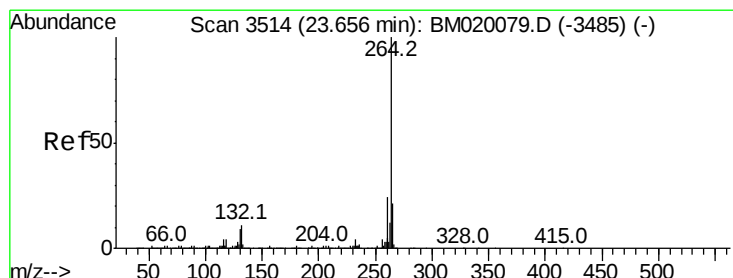
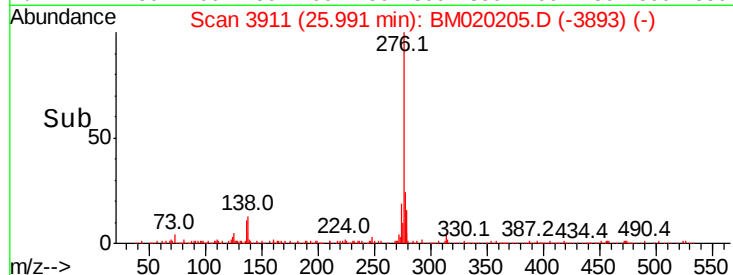
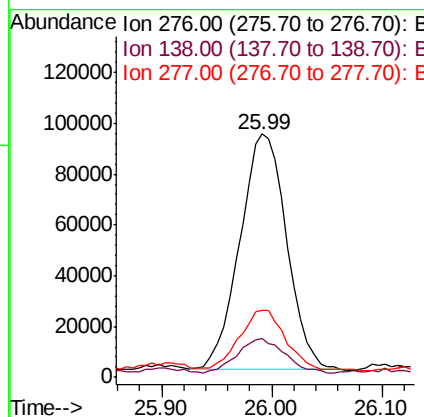
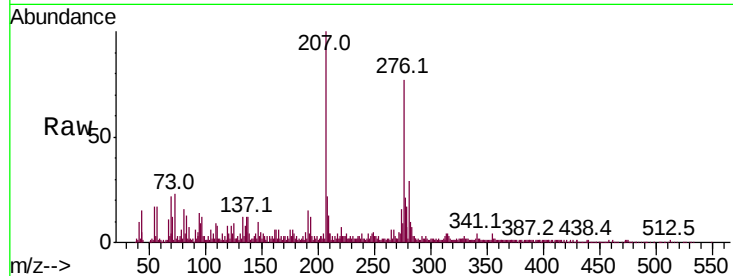
#86
Indeno(1,2,3-cd)pyrene
Concen: 4.160 ng
RT: 25.99 min Scan# 3911
Delta R.T. 0.01 min
Lab File: BM020205.D
Acq: 08 May 2019 21:23

Instrument :
BNA_M
ClientSampleId :
CL-02-050719-B

Tot Ion	Ratio	Resp Lower	Upper
276	100		
138	14.6	0.0	0.0#
277	24.1	0.0	0.0#

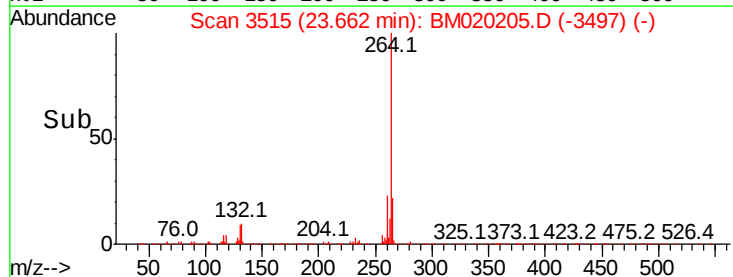
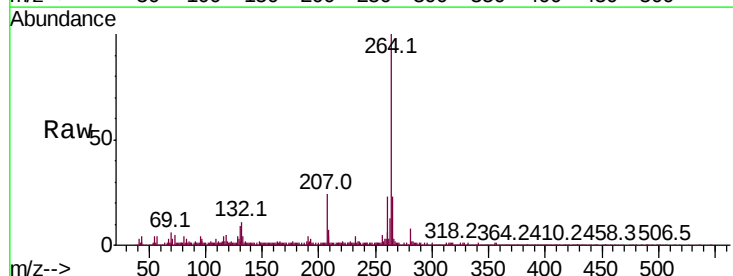
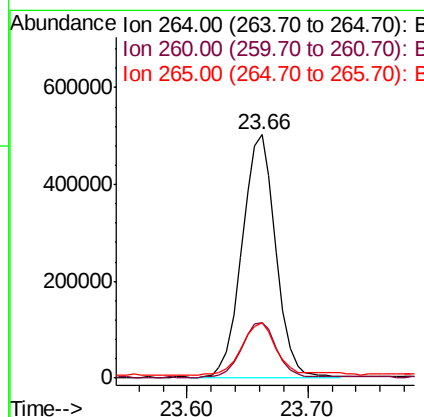
Manual Integrations
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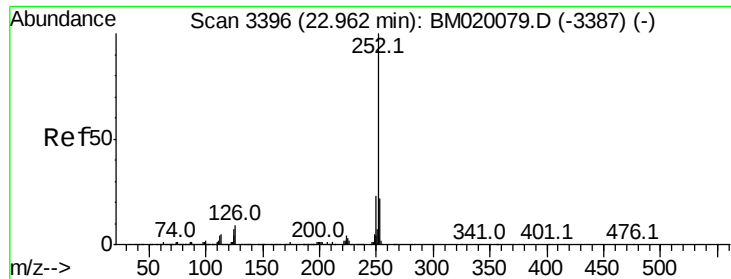
Sohil
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#87
Perylene-d12
Concen: 20.000 ng
RT: 23.66 min Scan# 3515
Delta R.T. 0.01 min
Lab File: BM020205.D
Acq: 08 May 2019 21:23

Tgt Ion	Ratio	Resp Lower	Upper
264	100		
260	23.0	19.2	28.8
265	23.0	16.9	25.3





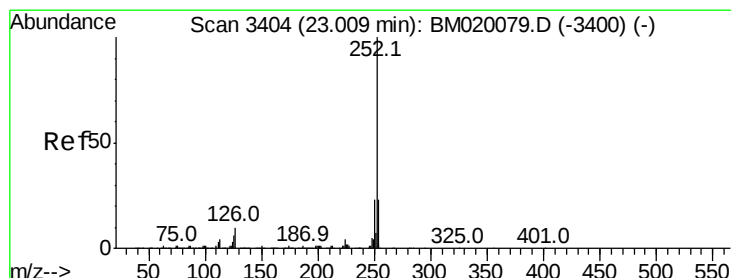
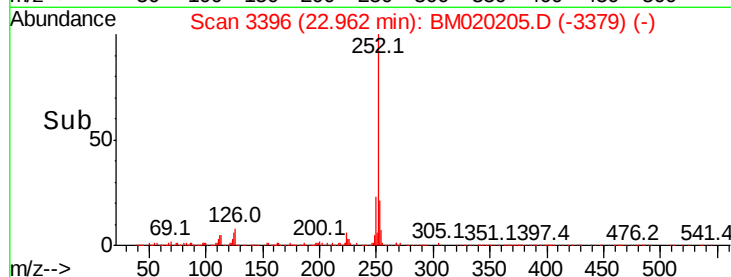
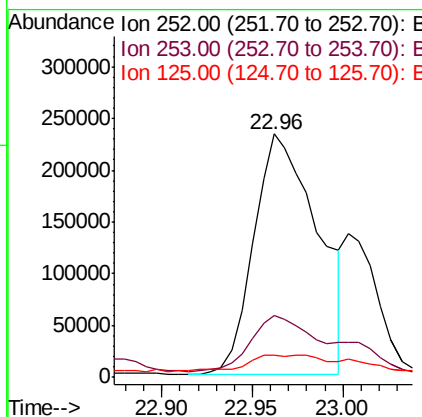
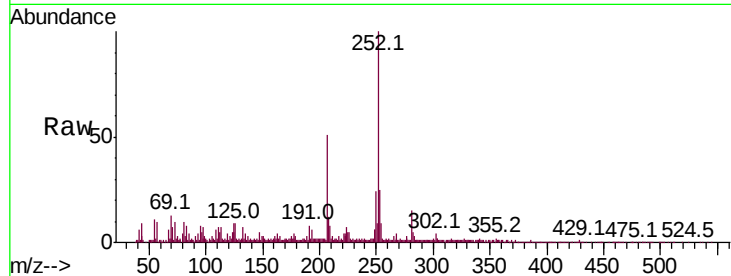
#88
Benzo(b)fluoranthene
Concen: 8.927 ng
RT: 22.96 min Scan# 3396
Delta R.T. -0.00 min
Lab File: BM020205.D
Acq: 08 May 2019 21:23

Instrument :
BNA_M
ClientSampleId :
CL-02-050719-B

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.3	17.5	26.3
125	9.3	5.4	8.2

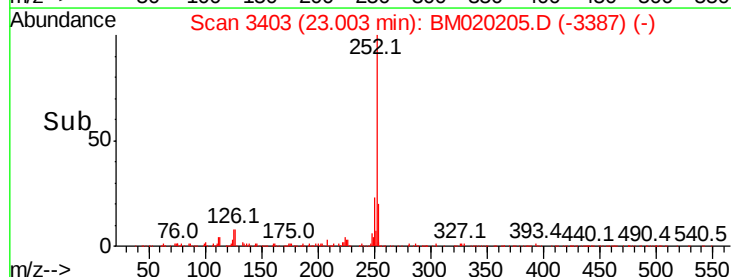
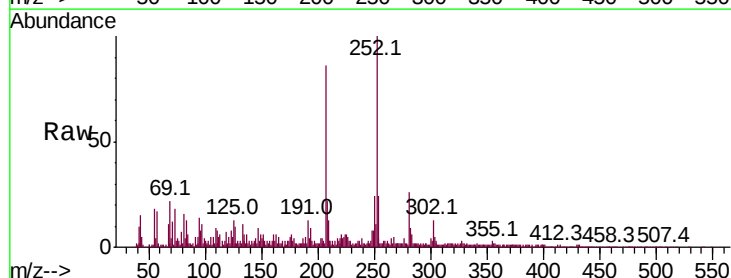
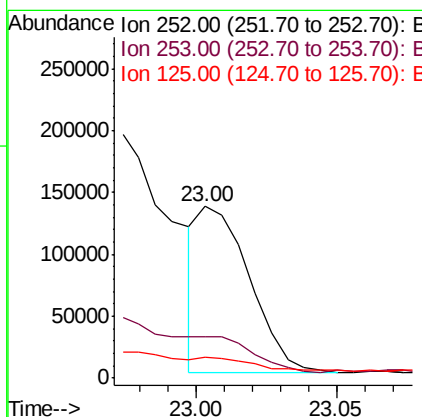
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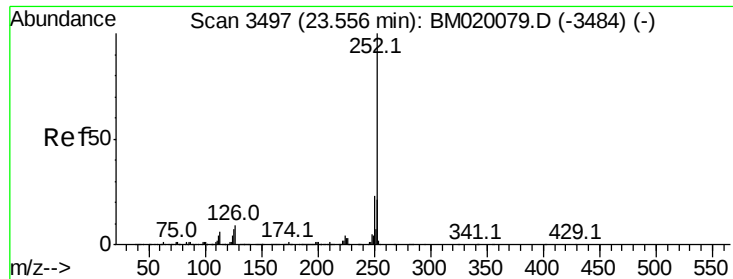
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#89
Benzo(k)fluoranthene
Concen: 2.888 ng m
RT: 23.00 min Scan# 3403
Delta R.T. -0.01 min
Lab File: BM020205.D
Acq: 08 May 2019 21:23

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.8	26.8
125	12.5	5.4	8.0





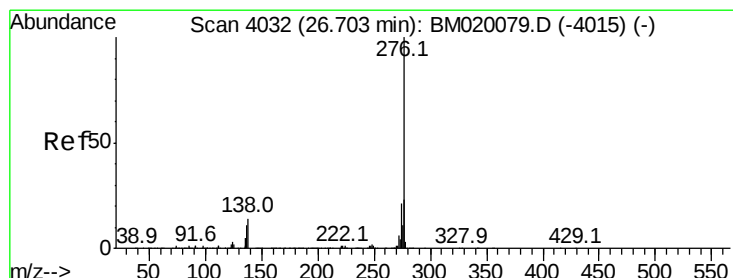
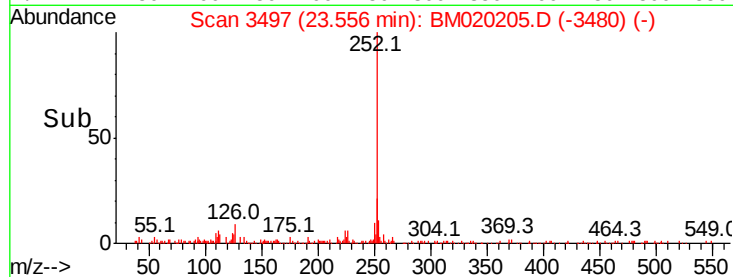
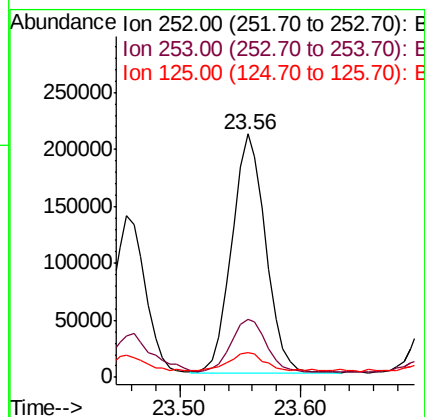
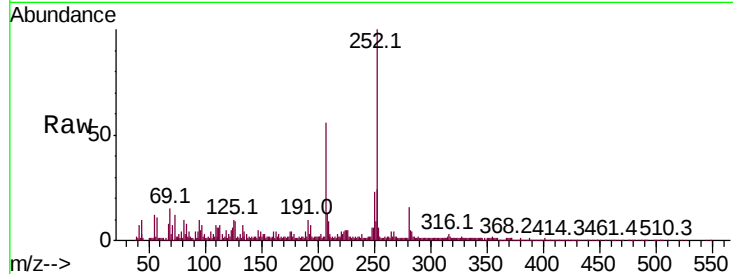
#90
Benzo(a)pyrene
Concen: 6.985 ng
RT: 23.56 min Scan# 3497
Delta R.T. -0.00 min
Lab File: BM020205.D
Acq: 08 May 2019 21:23

Instrument :
BNA_M
ClientSampleId :
CL-02-050719-B

Tot Ion	Ratio	Resp	Lower	Upper
252	100			
253	23.9	17.0	25.6	
125	10.1	5.5	8.3	

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 4.598 ng
RT: 26.71 min Scan# 4033
Delta R.T. 0.01 min
Lab File: BM020205.D
Acq: 08 May 2019 21:23

Tgt Ion	Ratio	Resp	Lower	Upper
276	100			
277	27.0	18.4	27.6	
138	15.4	11.1	16.7	

