

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050819\
 Data File : BM020201.D
 Acq On : 08 May 2019 18:57
 Operator : JU/SJ
 Sample : K2641-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

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

Manual Integrations
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 5/9/2019 6:45:31 PM

Quant Time: May 09 02:23:45 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	156410	20.00	ng	0.00
21) Naphthalene-d8	10.57	136	561524	20.00	ng	-0.01
39) Acenaphthene-d10	14.43	164	334195	20.00	ng	0.00
64) Phenanthrene-d10	17.17	188	749208	20.00	ng	0.00
76) Chrysene-d12	21.36	240	732057	20.00	ng	0.00
87) Perylene-d12	23.66	264	858297	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	1222484	127.76	ng	0.00
7) Phenol-d6	6.95	99	1727099	132.12	ng	0.00
23) Nitrobenzene-d5	8.95	82	1212935	85.28	ng	0.00
42) 2,4,6-Tribromophenol	15.92	330	708613	136.60	ng	0.00
45) 2-Fluorobiphenyl	13.04	172	2136886	78.67	ng	-0.01
79) Terphenyl-d14	19.80	244	2968397	70.73	ng	0.00
Target Compounds						
50) Dimethylphthalate	13.89	163	265640	9.352	ng	98
71) Phenanthrene	17.22	178	176744	4.274	ng	98
75) Fluoranthene	19.23	202	297677	5.689	ng	97
78) Pyrene	19.60	202	469297	9.548	ng	98
81) Benzo(a)anthracene	21.34	228	216586	4.219	ng	# 86
83) Chrysene	21.40	228	237089	4.762	ng	# 92
86) Indeno(1,2,3-cd)pyrene	25.98	276	128220	2.165	ng	# 100
88) Benzo(b)fluoranthene	22.96	252	195830m	3.455	ng	
90) Benzo(a)pyrene	23.55	252	184205	3.578	ng	# 88
92) Benzo(g,h,i)perylene	26.70	276	143607	2.825	ng	97

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

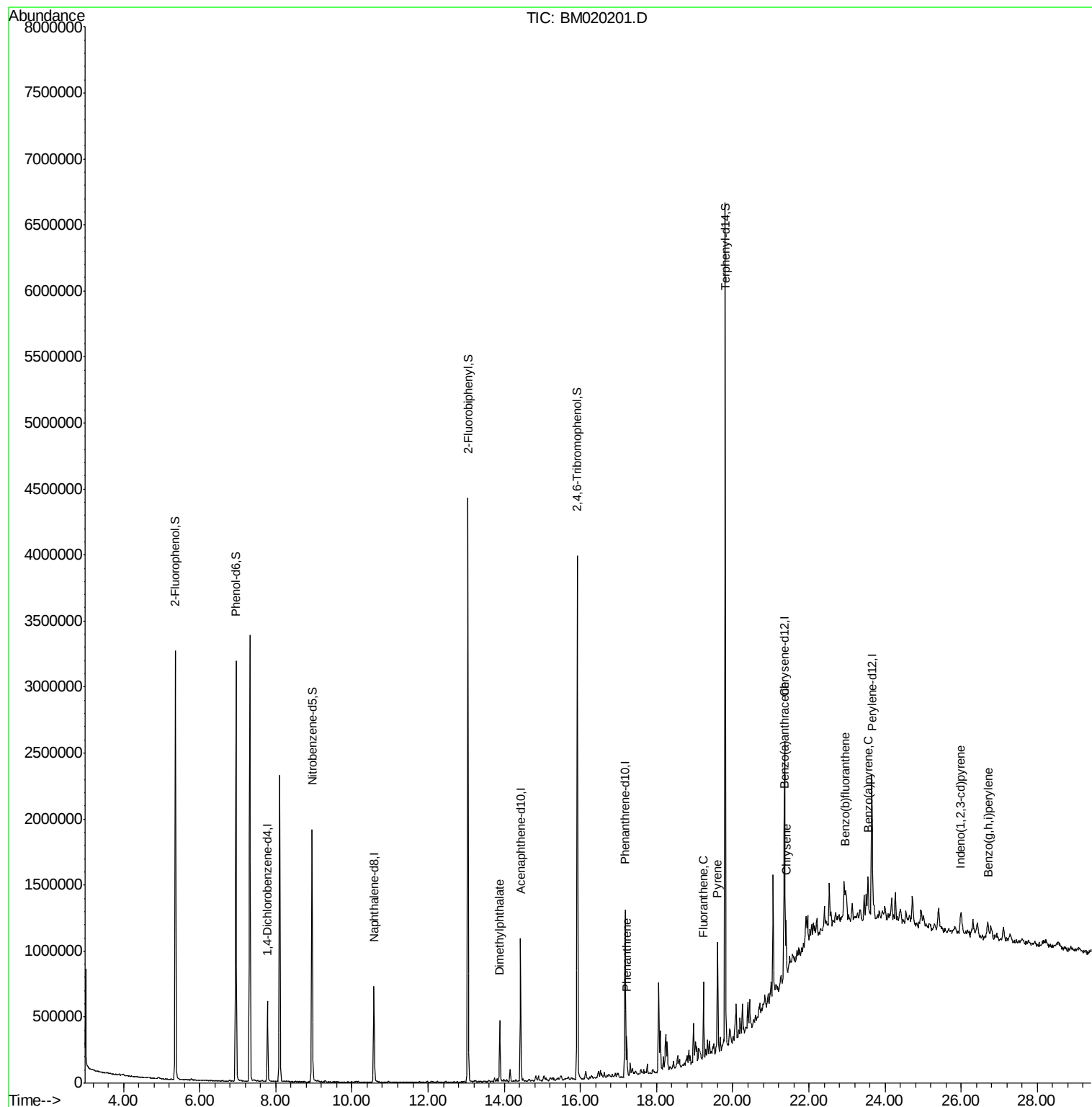
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050819\
Data File : BM020201.D
Acq On : 08 May 2019 18:57
Operator : JU/SJ
Sample : K2641-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

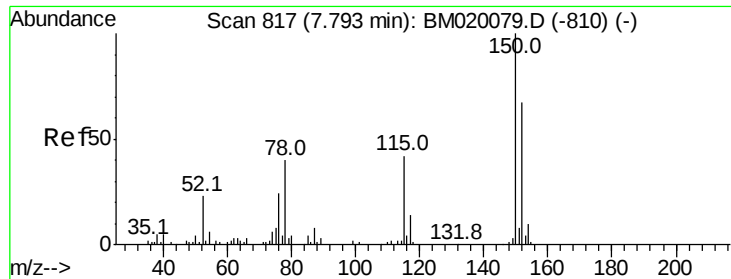
Instrument :
BNA_M
ClientSampleId :
CL-02-050719-A

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Quant Time: May 09 02:23:45 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





#1

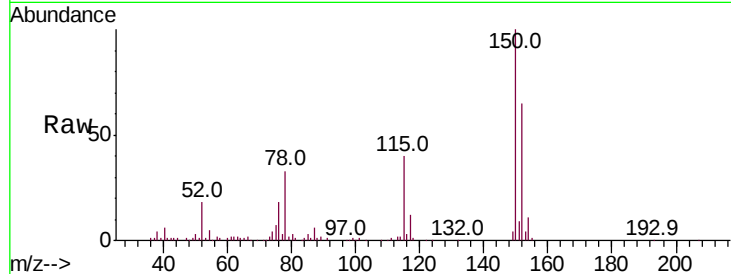
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.79 min Scan# 816
Delta R.T. -0.01 min
Lab File: BM020201.D
Acq: 08 May 2019 18:57

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.5	119.8	179.8
115	62.4	50.8	76.2

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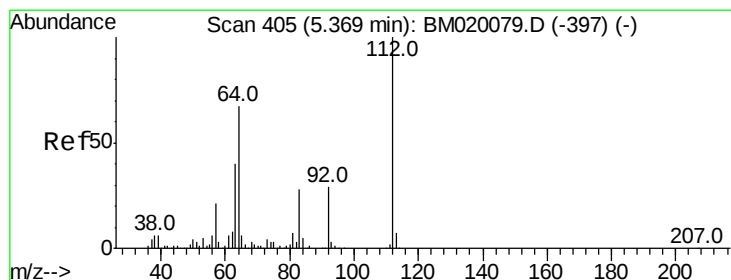
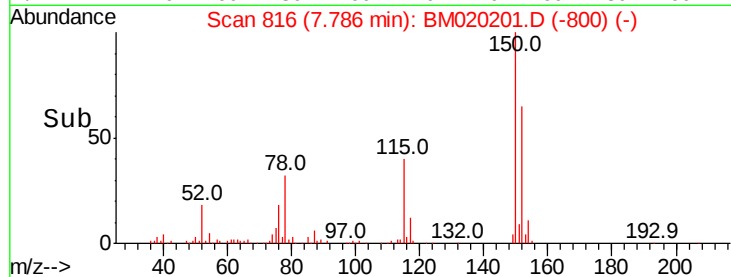
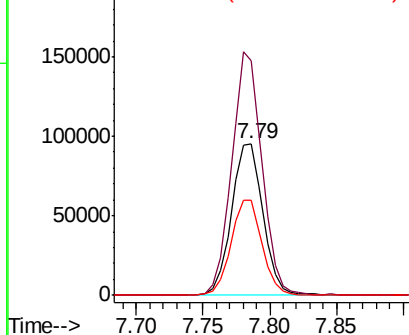


Abundance

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: 127.758 ng
RT: 5.36 min Scan# 404
Delta R.T. -0.01 min
Lab File: BM020201.D
Acq: 08 May 2019 18:57

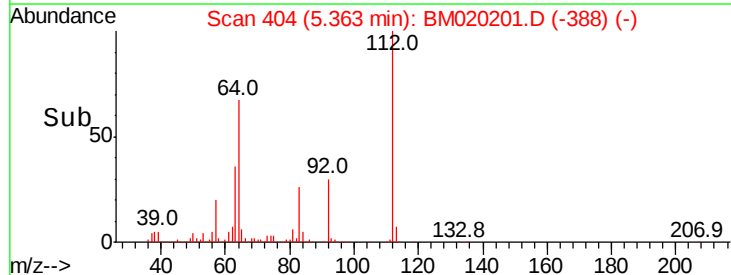
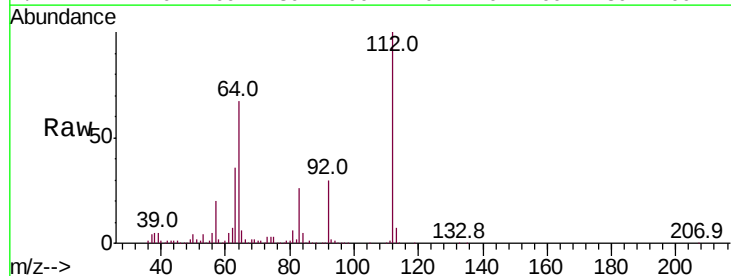
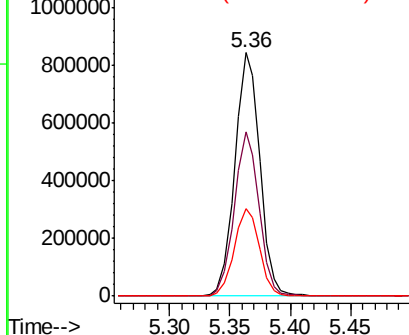
Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.3	53.8	80.6
63	35.9	32.3	48.5

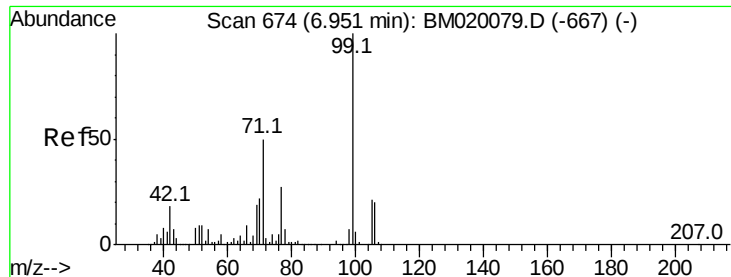
Abundance

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: 132.119 ng

RT: 6.95 min Scan# 674

Delta R.T. -0.00 min

Lab File: BM020201.D

Acq: 08 May 2019 18:57

Instrument :

BNA_M

ClientSampleId :

CL-02-050719-A

Tot Ion: 99 Resp: 1727099

Ion Ratio Lower Upper

99 100

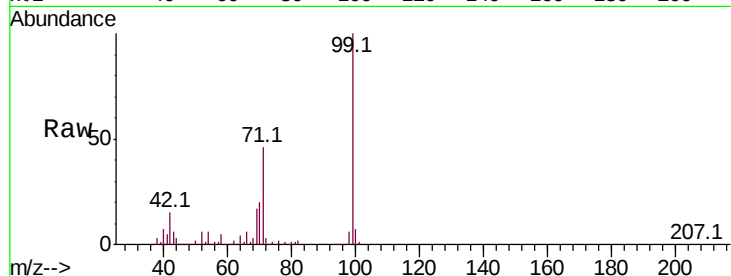
42 15.0 14.2 21.2

71 46.4 40.3 60.5

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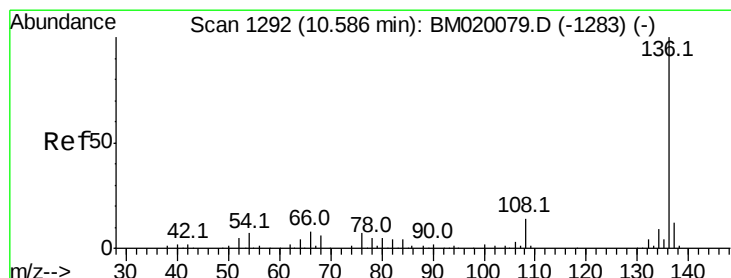
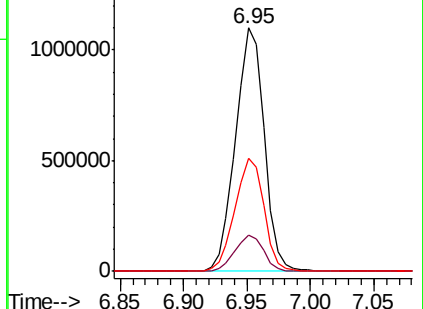
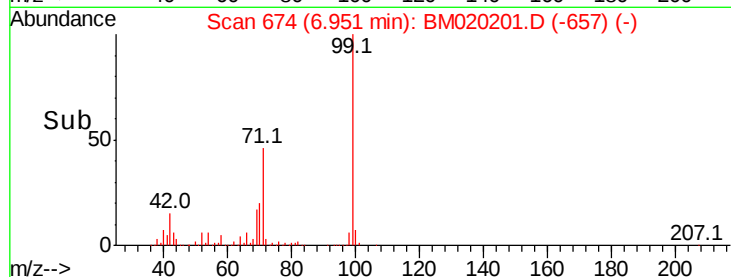
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Abundance Ion 99.00 (98.70 to 99.70): BM020079.D (-667) (-)

Ion 42.00 (41.70 to 42.70): BM020079.D (-667) (-)

Ion 71.00 (70.70 to 71.70): BM020079.D (-667) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.57 min Scan# 1290

Delta R.T. -0.01 min

Lab File: BM020201.D

Acq: 08 May 2019 18:57

Tgt Ion: 136 Resp: 561524

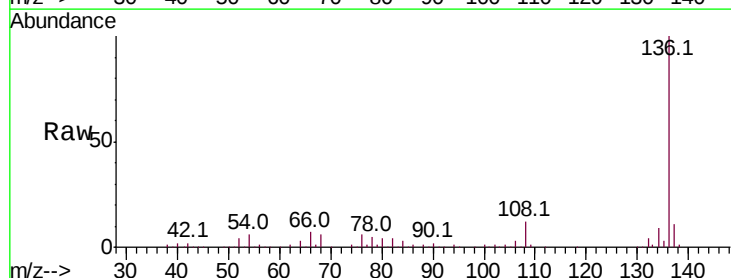
Ion Ratio Lower Upper

136 100

137 10.7 9.6 14.4

54 6.2 5.5 8.3

68 6.3 4.6 6.8

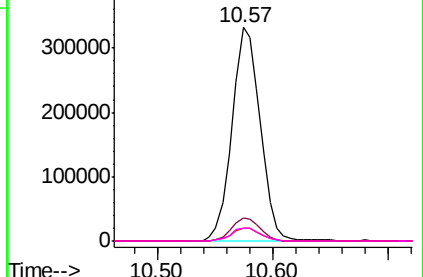
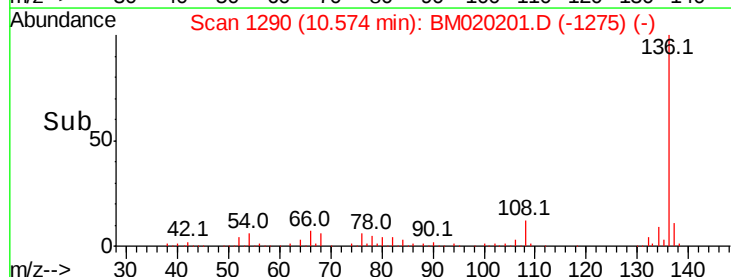


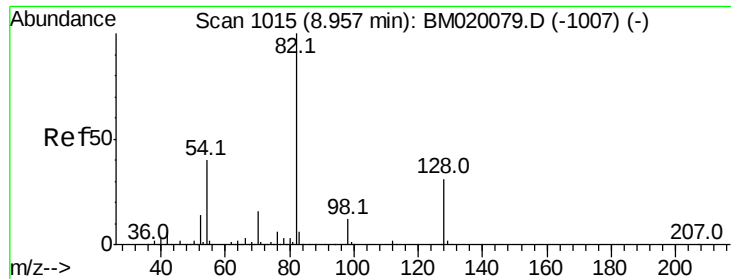
Abundance Ion 136.00 (135.70 to 136.70): BM020079.D (-1283) (-)

Ion 137.00 (136.70 to 137.70): BM020079.D (-1283) (-)

Ion 54.00 (53.70 to 54.70): BM020079.D (-1283) (-)

Ion 68.00 (67.70 to 68.70): BM020079.D (-1283) (-)





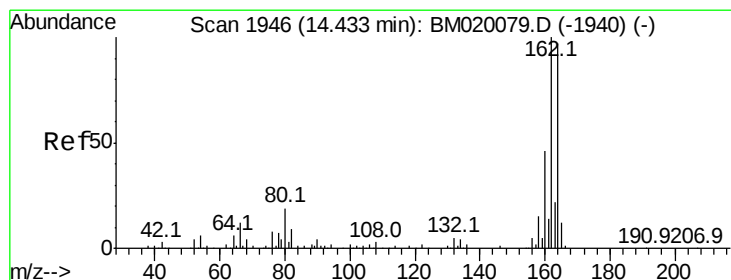
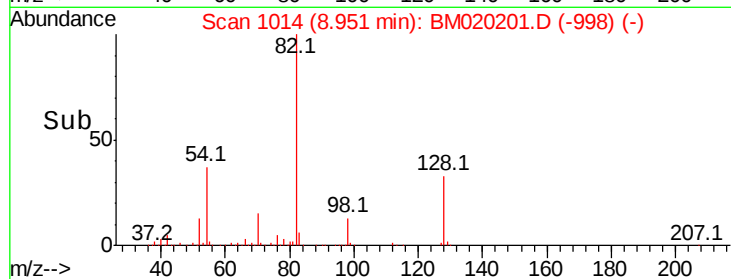
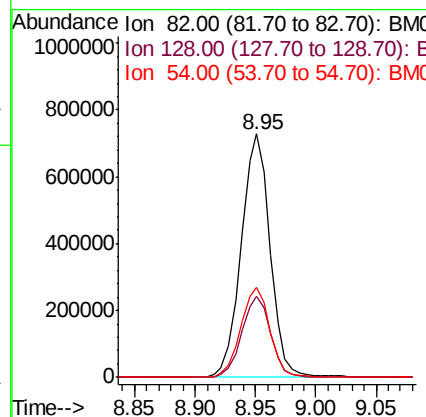
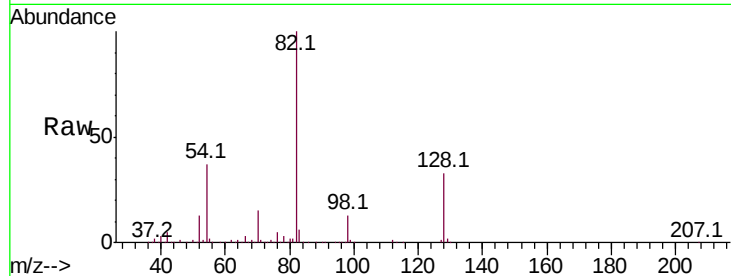
#23
 Nitrobenzene-d5
 Concen: 85.280 ng
 RT: 8.95 min Scan# 1014
 Delta R.T. -0.01 min
 Lab File: BM020201.D
 Acq: 08 May 2019 18:57

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

Tot Ion	Ratio	Lower	Upper
82	100		
128	33.3	25.2	37.8
54	37.1	31.9	47.9

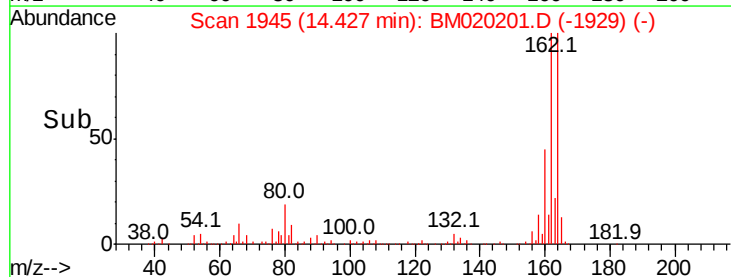
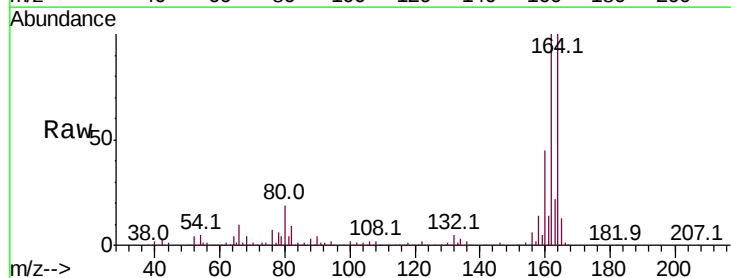
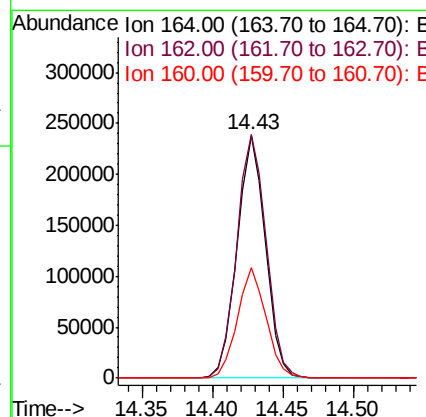
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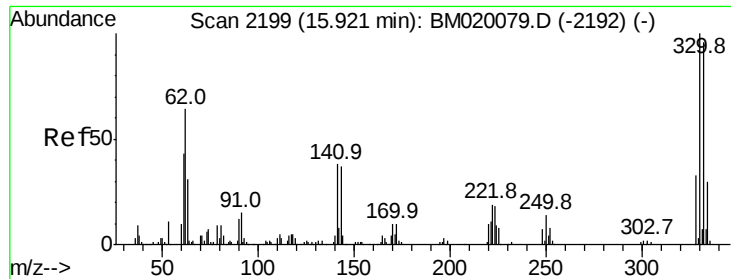
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.43 min Scan# 1945
 Delta R.T. -0.01 min
 Lab File: BM020201.D
 Acq: 08 May 2019 18:57

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.4	82.2	123.2
160	45.4	37.6	56.4





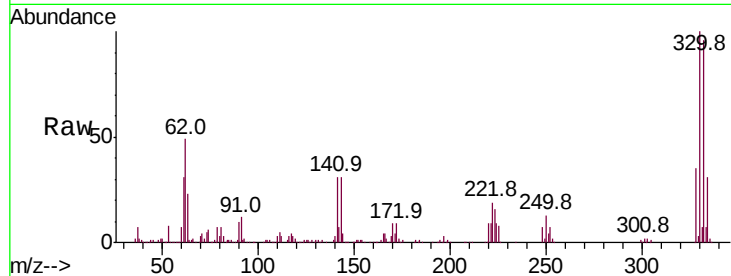
#42
 2,4,6-Tribromophenol
 Concen: 136.604 ng
 RT: 15.92 min Scan# 2199
 Delta R.T. -0.00 min
 Lab File: BM020201.D
 Acq: 08 May 2019 18:57

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

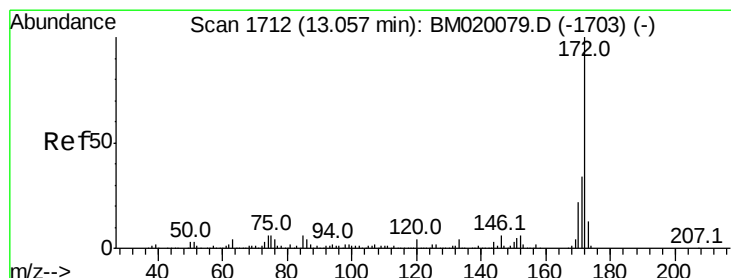
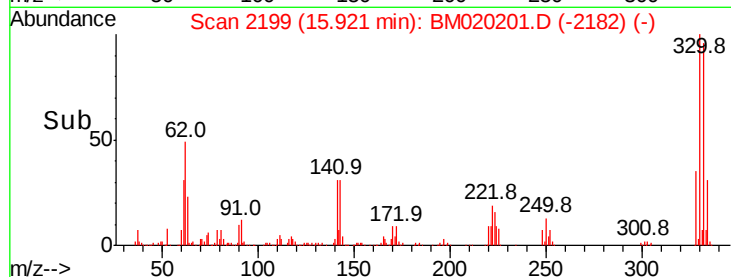
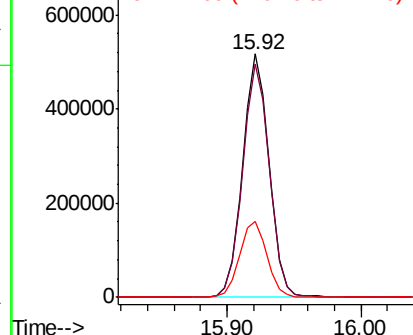
Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.7	76.8	115.2	
141	32.5	29.2	43.8	

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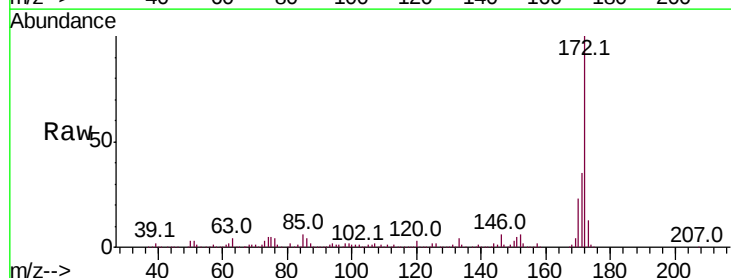


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

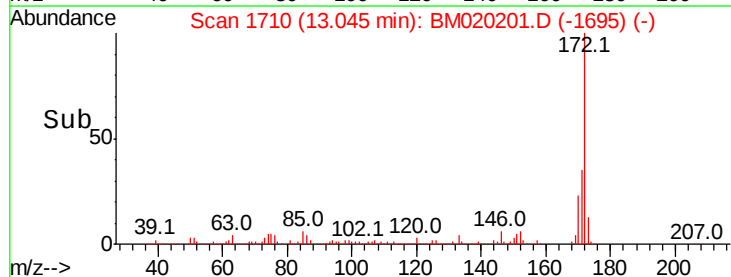
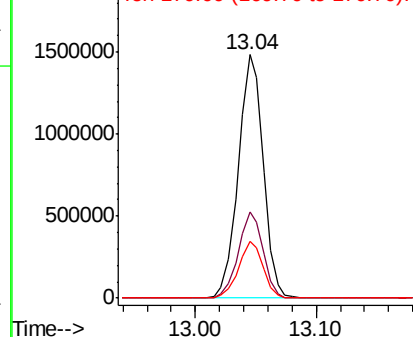


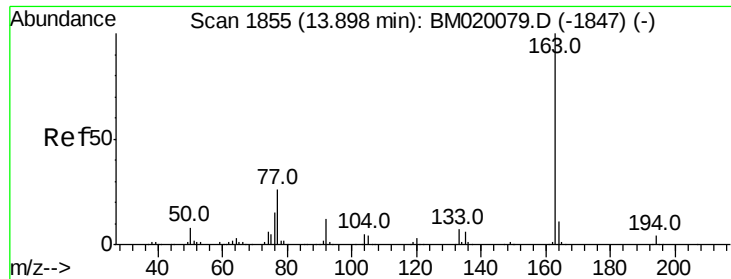
#45
 2-Fluorobiphenyl
 Concen: 78.671 ng
 RT: 13.04 min Scan# 1710
 Delta R.T. -0.01 min
 Lab File: BM020201.D
 Acq: 08 May 2019 18:57

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	35.4	27.3	40.9	
170	23.2	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





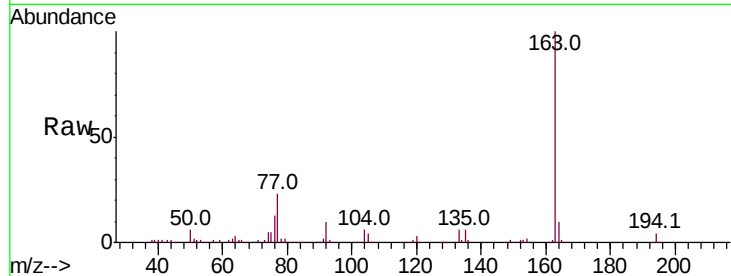
#50
Dimethylphthalate
Concen: 9.352 ng
RT: 13.89 min Scan# 1853
Delta R.T. -0.01 min
Lab File: BM020201.D
Acq: 08 May 2019 18:57

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

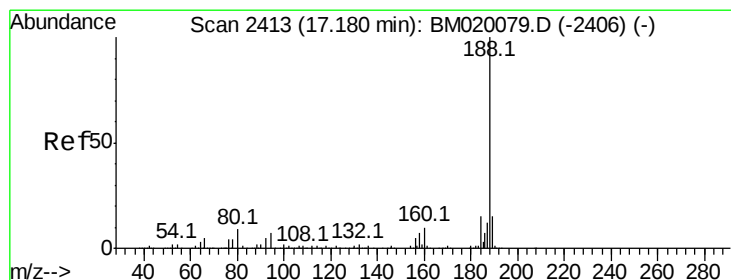
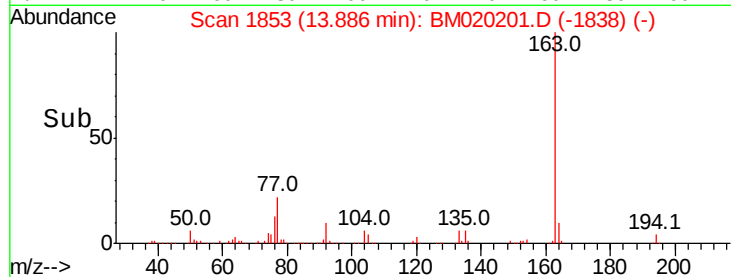
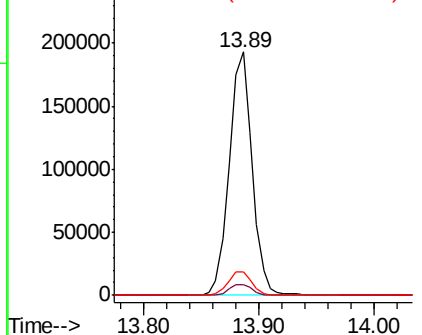
Tot Ion	163	Resp	265640
Ion Ratio	Lower	Upper	
163	100		
194	4.3	3.6	5.4
164	9.6	8.4	12.6

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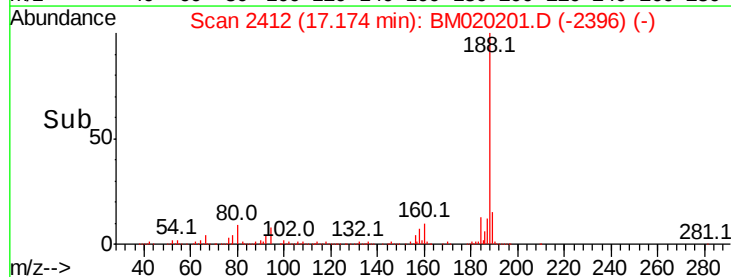
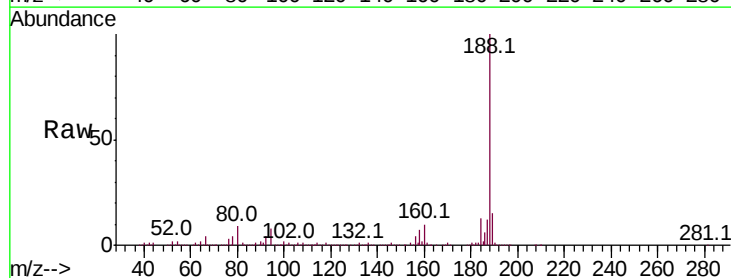
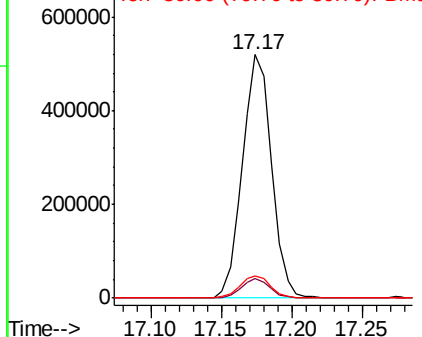
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

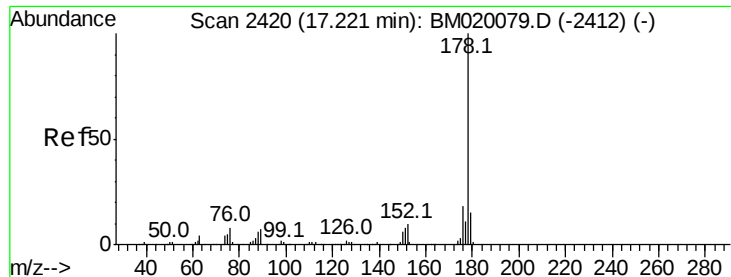


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.17 min Scan# 2412
Delta R.T. -0.01 min
Lab File: BM020201.D
Acq: 08 May 2019 18:57

Tgt Ion	188	Resp	749208
Ion Ratio	Lower	Upper	
188	100		
94	8.3	5.8	8.6
80	9.3	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





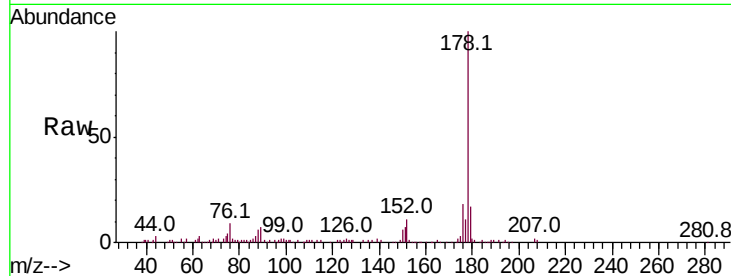
#71
Phenanthrene
Concen: 4.274 ng
RT: 17.22 min Scan# 2420
Delta R.T. -0.00 min
Lab File: BM020201.D
Acq: 08 May 2019 18:57

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

Tot Ion	Ratio	Lower	Upper
178	100		
176	17.8	14.6	21.8
179	16.6	12.4	18.6

Manual Integrations
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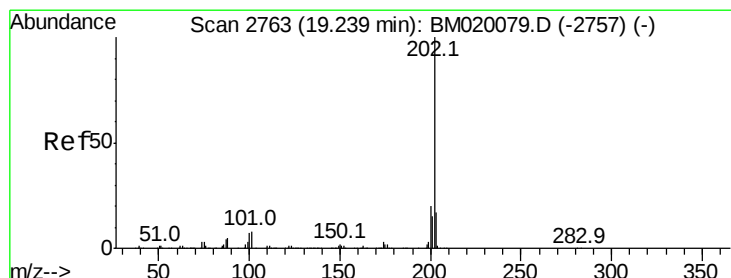
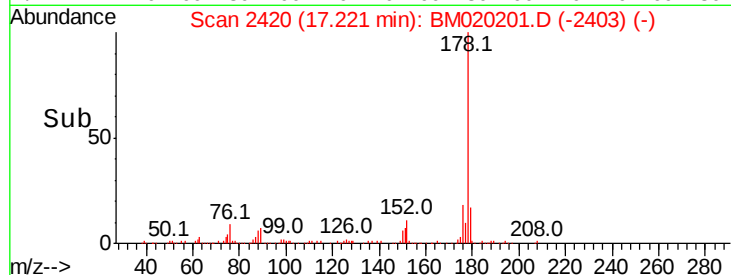
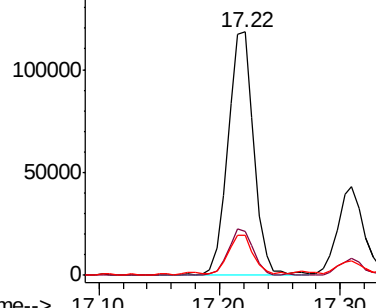


Abundance

Ion 178.00 (177.70 to 178.70): E

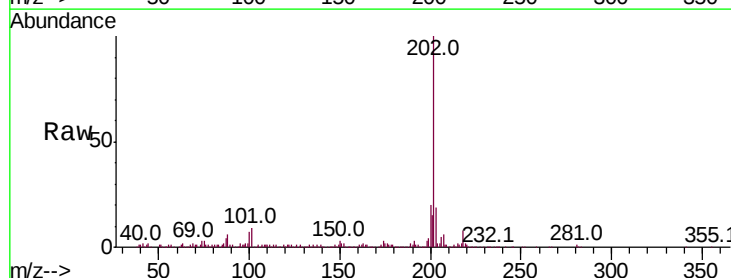
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#75
Fluoranthene
Concen: 5.689 ng
RT: 19.23 min Scan# 2762
Delta R.T. -0.01 min
Lab File: BM020201.D
Acq: 08 May 2019 18:57

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.0	0.0	28.4
203	18.9	0.0	37.4

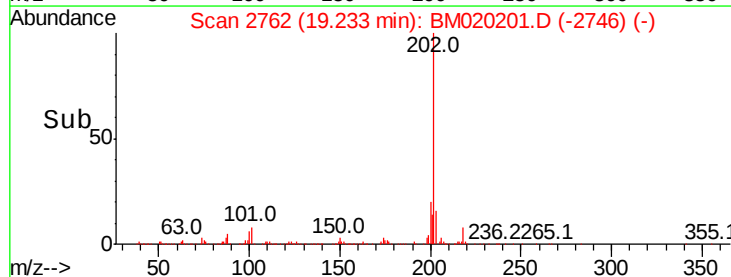
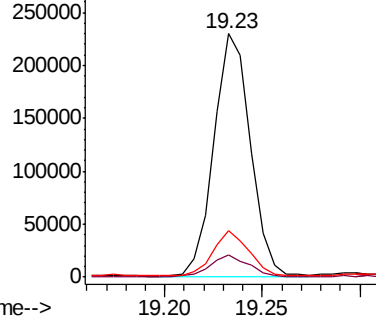


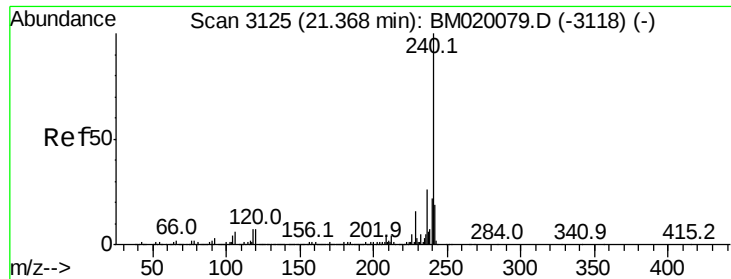
Abundance

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





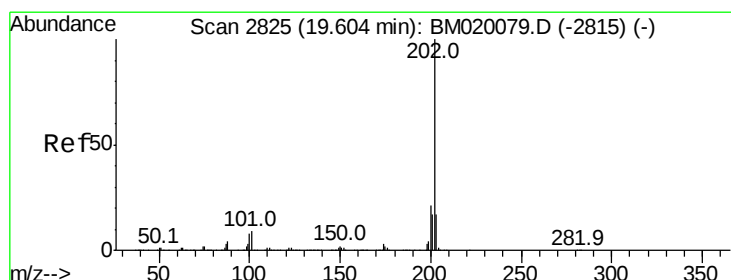
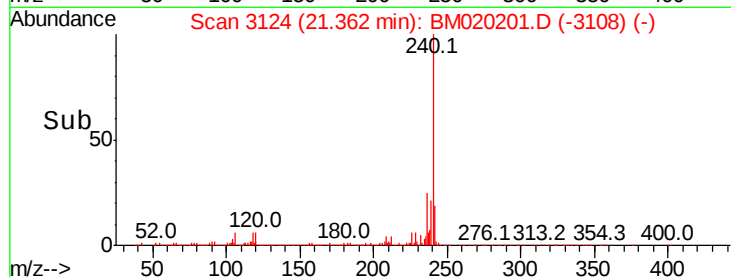
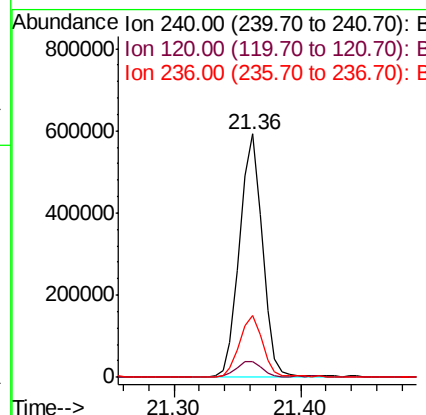
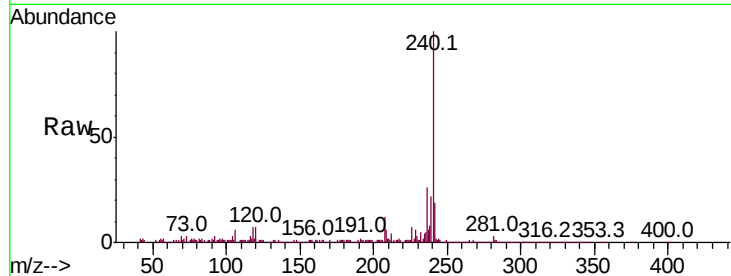
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.36 min Scan# 3124
Delta R.T. -0.01 min
Lab File: BM020201.D
Acq: 08 May 2019 18:57

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

Tot Ion	Ratio	Resp	Lower	Upper
240	100	732057		
120	6.6		5.6	8.4
236	25.6		20.9	31.3

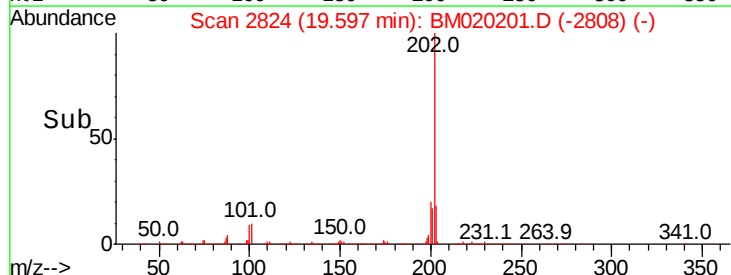
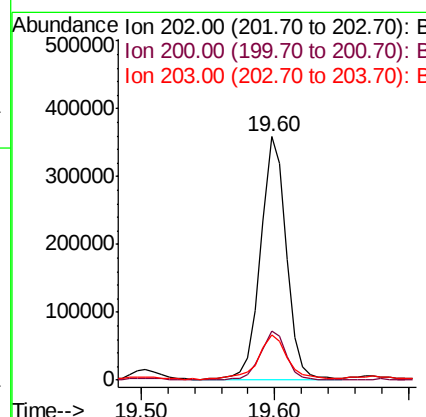
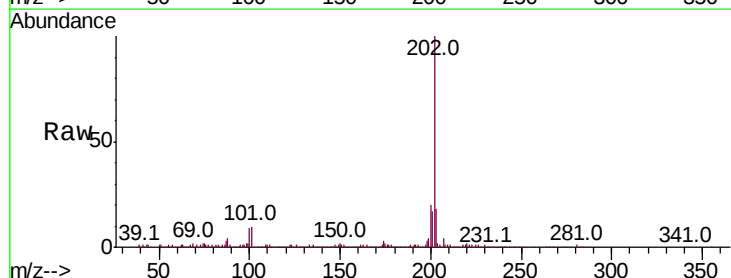
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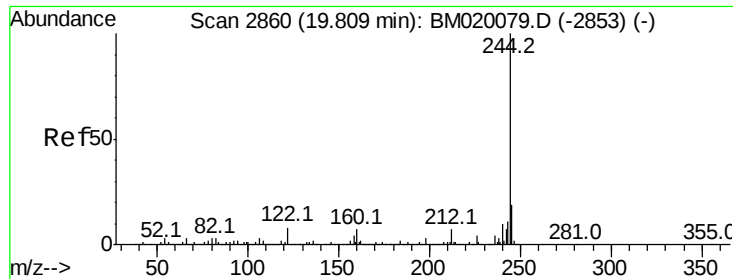
Sohil
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#78
Pyrene
Concen: 9.548 ng
RT: 19.60 min Scan# 2824
Delta R.T. -0.01 min
Lab File: BM020201.D
Acq: 08 May 2019 18:57

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	469297		
200	20.0		16.5	24.7
203	18.4		13.9	20.9





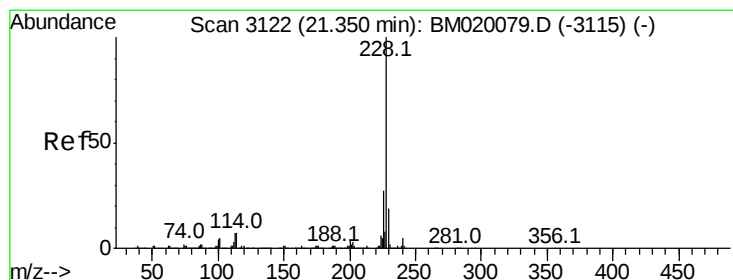
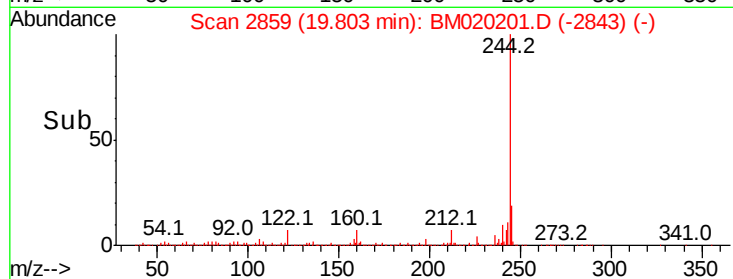
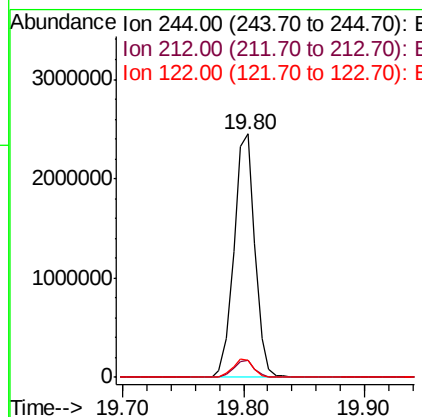
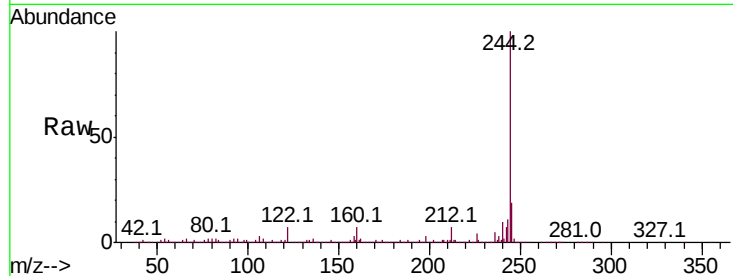
#79
 Terphenyl-d14
 Concen: 70.726 ng
 RT: 19.80 min Scan# 2859
 Delta R.T. -0.01 min
 Lab File: BM020201.D
 Acq: 08 May 2019 18:57

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

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.7	8.5
122	7.2	6.2	9.2

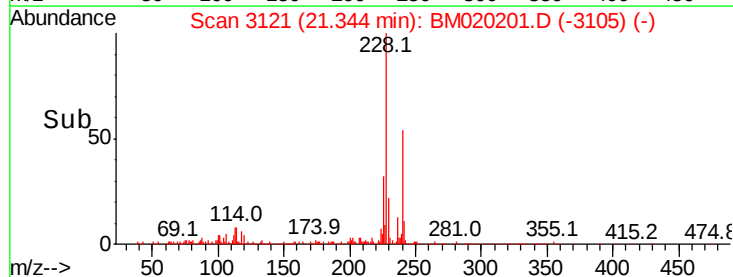
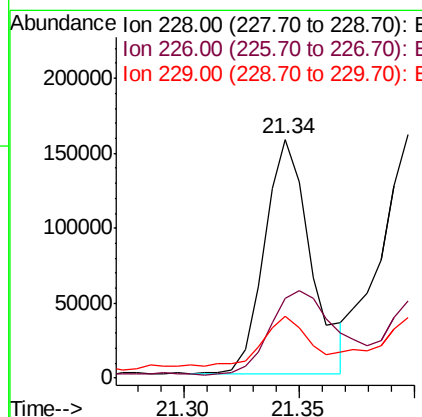
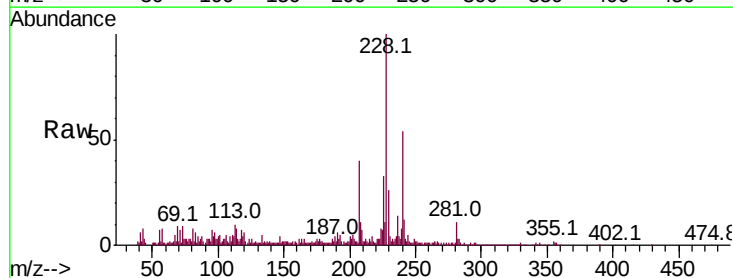
Manual Integrations
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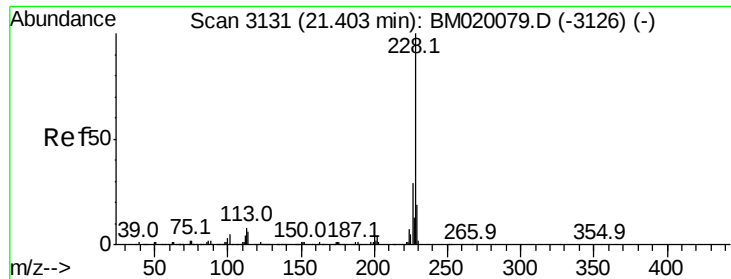
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#81
 Benzo(a)anthracene
 Concen: 4.219 ng
 RT: 21.34 min Scan# 3121
 Delta R.T. -0.01 min
 Lab File: BM020201.D
 Acq: 08 May 2019 18:57

Tgt Ion	Ratio	Lower	Upper
228	100		
226	33.5	21.3	31.9#
229	26.0	15.5	23.3#





#83

Chrysene

Concen: 4.762 ng

RT: 21.40 min Scan# 3130

Delta R.T. -0.01 min

Lab File: BM020201.D

Acq: 08 May 2019 18:57

Instrument :

BNA_M

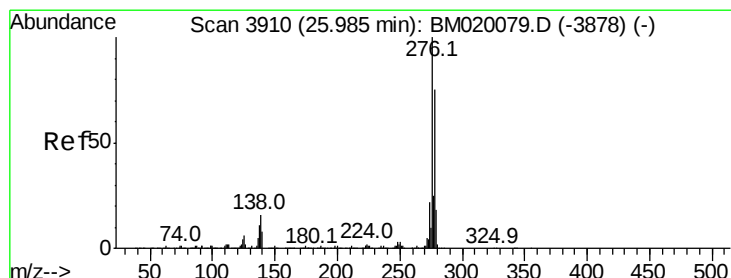
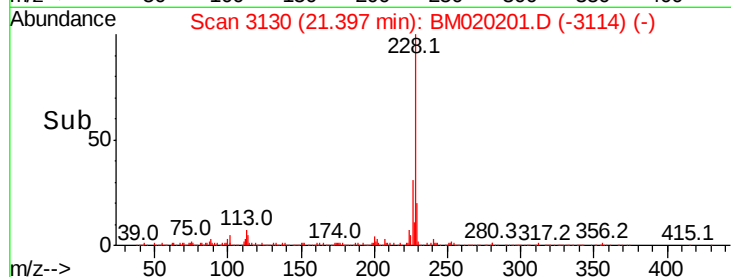
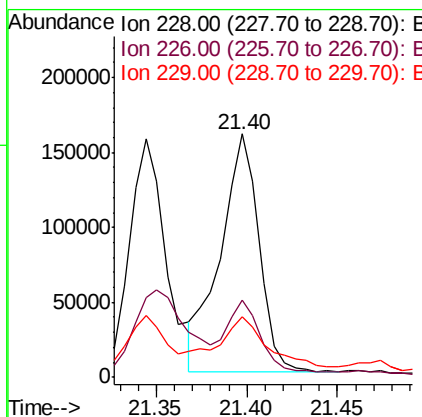
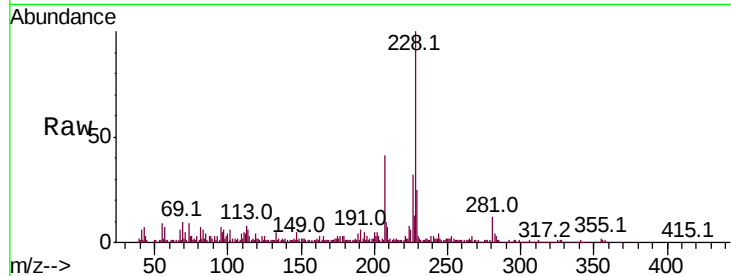
ClientSampleId :

CL-02-050719-A

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.8	23.0	34.6
229	25.0	15.5	23.3#

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#86

Indeno(1,2,3-cd)pyrene

Concen: 2.165 ng

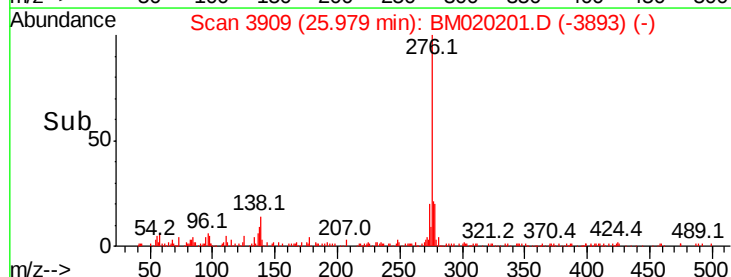
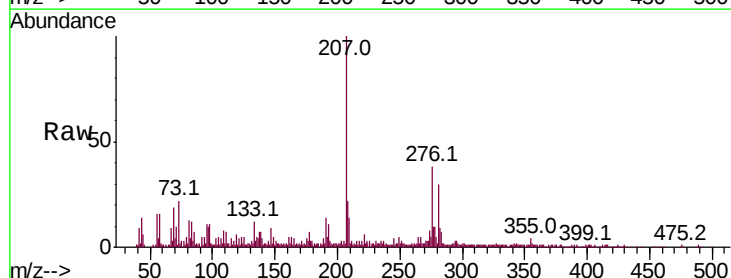
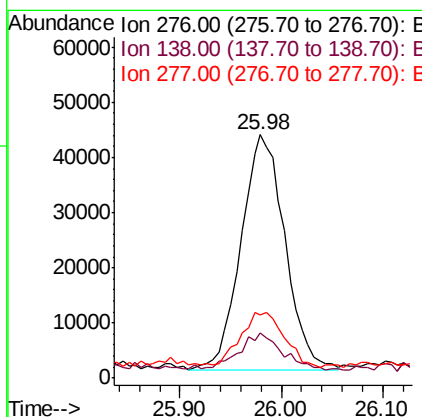
RT: 25.98 min Scan# 3909

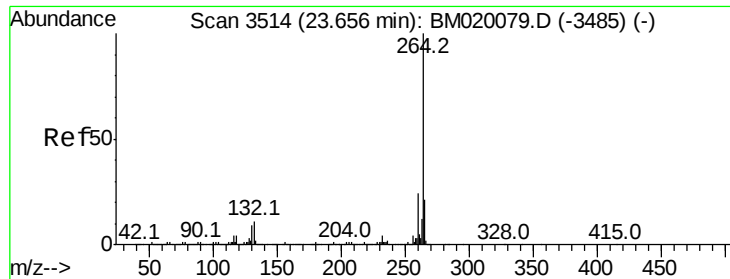
Delta R.T. -0.01 min

Lab File: BM020201.D

Acq: 08 May 2019 18:57

Tgt Ion	Ratio	Lower	Upper
276	100		
138	14.6	0.0	0.0#
277	22.9	0.0	0.0#





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.66 min Scan# 3514

Delta R.T. -0.00 min

Lab File: BM020201.D

Acq: 08 May 2019 18:57

Instrument :

BNA_M

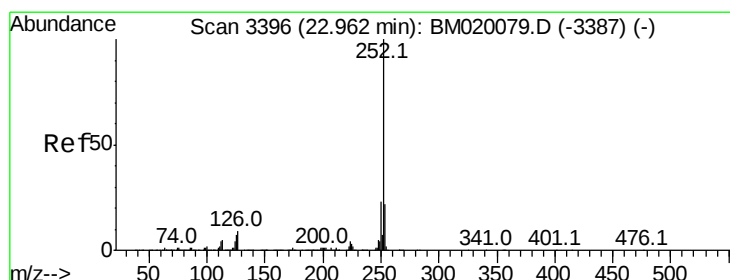
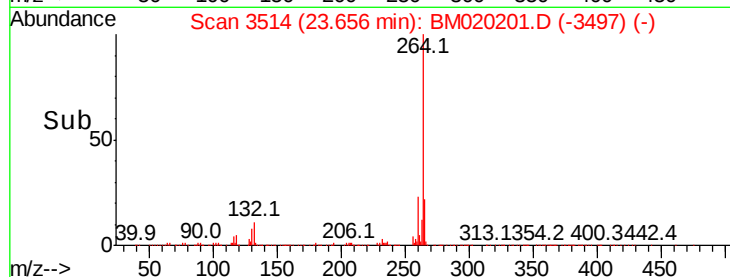
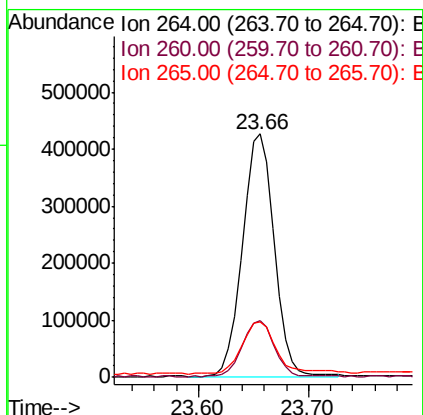
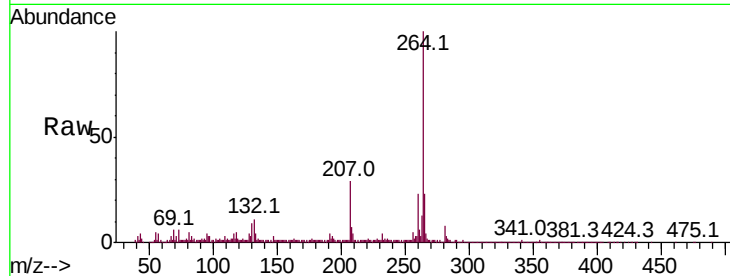
ClientSampleId :

CL-02-050719-A

Tot Ion:	264	Resp:	858297
Ion Ratio	Lower	Upper	
264	100		
260	23.4	19.2	28.8
265	23.0	16.9	25.3

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#88

Benzo(b)fluoranthene

Concen: 3.455 ng m

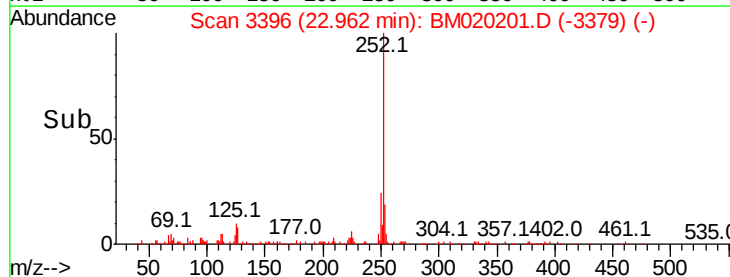
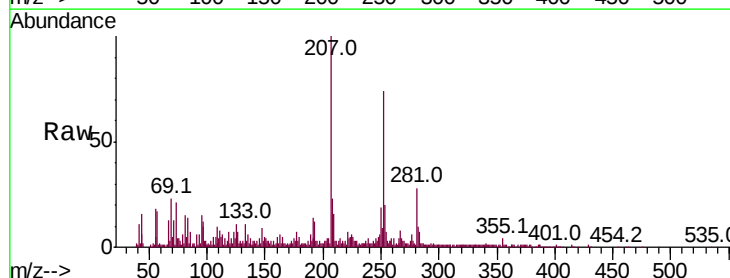
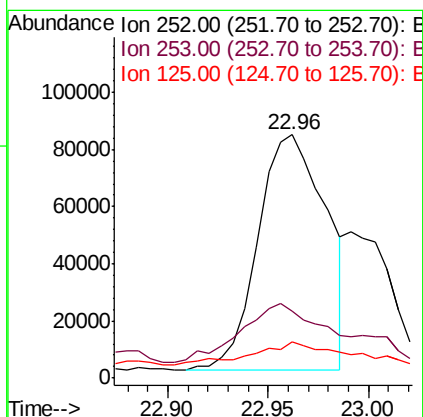
RT: 22.96 min Scan# 3396

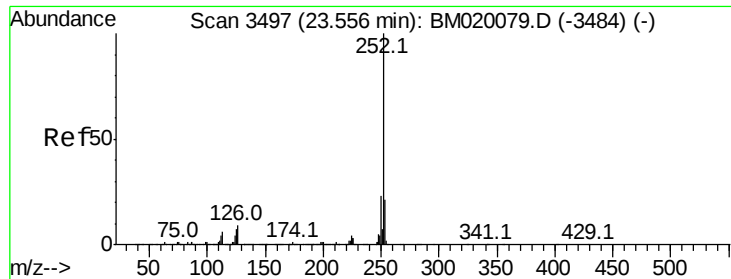
Delta R.T. -0.00 min

Lab File: BM020201.D

Acq: 08 May 2019 18:57

Tgt Ion:	252	Resp:	195830
Ion Ratio	Lower	Upper	
252	100		
253	27.6	17.5	26.3#
125	14.8	5.4	8.2#





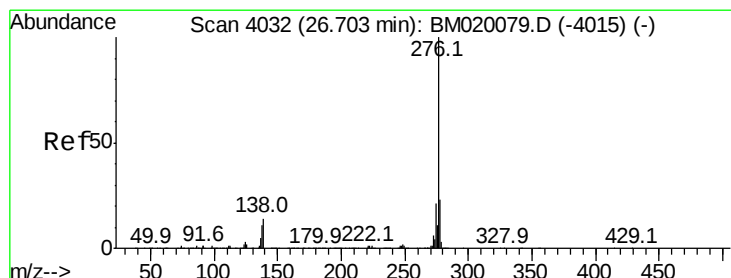
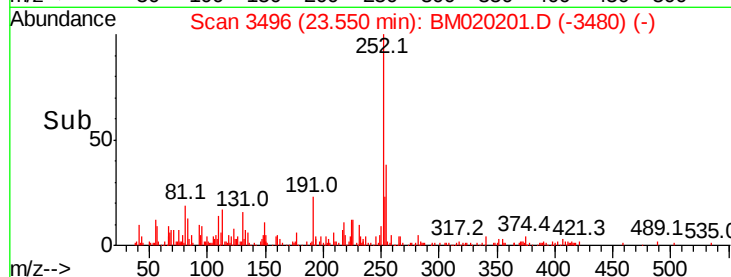
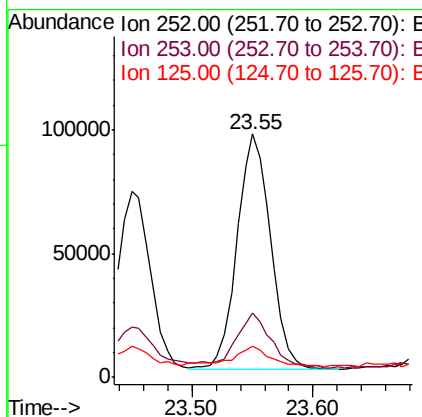
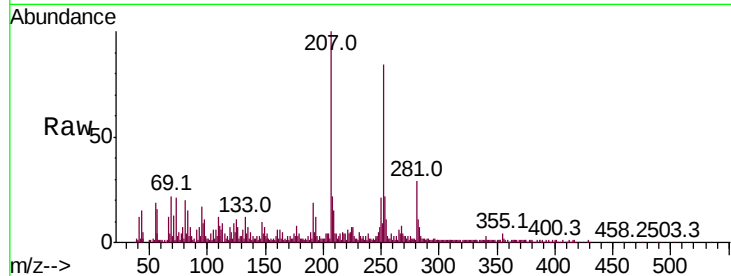
#90
Benzo(a)pyrene
Concen: 3.578 ng
RT: 23.55 min Scan# 3496
Delta R.T. -0.01 min
Lab File: BM020201.D
Acq: 08 May 2019 18:57

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

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.3	17.0	25.6#
125	12.7	5.5	8.3#

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 2.825 ng
RT: 26.70 min Scan# 4032
Delta R.T. -0.00 min
Lab File: BM020201.D
Acq: 08 May 2019 18:57

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.9	18.4	27.6
138	14.5	11.1	16.7

