

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050719\
 Data File : BM020186.D
 Acq On : 08 May 2019 04:00
 Operator : JU/SJ
 Sample : K2672-20
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SB-10-COMP

Manual Integrations
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 5/9/2019 6:44:38 PM

Quant Time: May 08 07:03:20 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	140423	20.00	ng	0.00
21) Naphthalene-d8	10.59	136	485255	20.00	ng	0.00
39) Acenaphthene-d10	14.44	164	290740	20.00	ng	0.00
64) Phenanthrene-d10	17.19	188	680129	20.00	ng	0.00
76) Chrysene-d12	21.37	240	731646	20.00	ng	0.00
87) Perylene-d12	23.66	264	873623	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	1482638	172.59	ng	0.00
7) Phenol-d6	6.97	99	2040920	173.90	ng	0.02
23) Nitrobenzene-d5	8.96	82	1369738	111.44	ng	0.00
42) 2,4,6-Tribromophenol	15.93	330	905929	200.75	ng	0.01
45) 2-Fluorobiphenyl	13.06	172	2320623	98.21	ng	0.00
79) Terphenyl-d14	19.81	244	3771016	89.90	ng	0.00
Target Compounds						
50) Dimethylphthalate	13.89	163	394248	15.955	ng	99
71) Phenanthrene	17.23	178	232804	6.201	ng	99
75) Fluoranthene	19.24	202	527553	11.106	ng	98
78) Pyrene	19.61	202	502066	10.221	ng	98
81) Benzo(a)anthracene	21.35	228	324852	6.331	ng	92
83) Chrysene	21.40	228	301273m	6.054	ng	
86) Indeno(1,2,3-cd)pyrene	26.00	276	285576	4.825	ng	# 100
88) Benzo(b)fluoranthene	22.97	252	530657m	9.199	ng	
89) Benzo(k)fluoranthene	23.01	252	148262m	2.817	ng	
90) Benzo(a)pyrene	23.56	252	381665	7.284	ng	# 87
92) Benzo(g,h,i)perylene	26.72	276	286069m	5.529	ng	

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

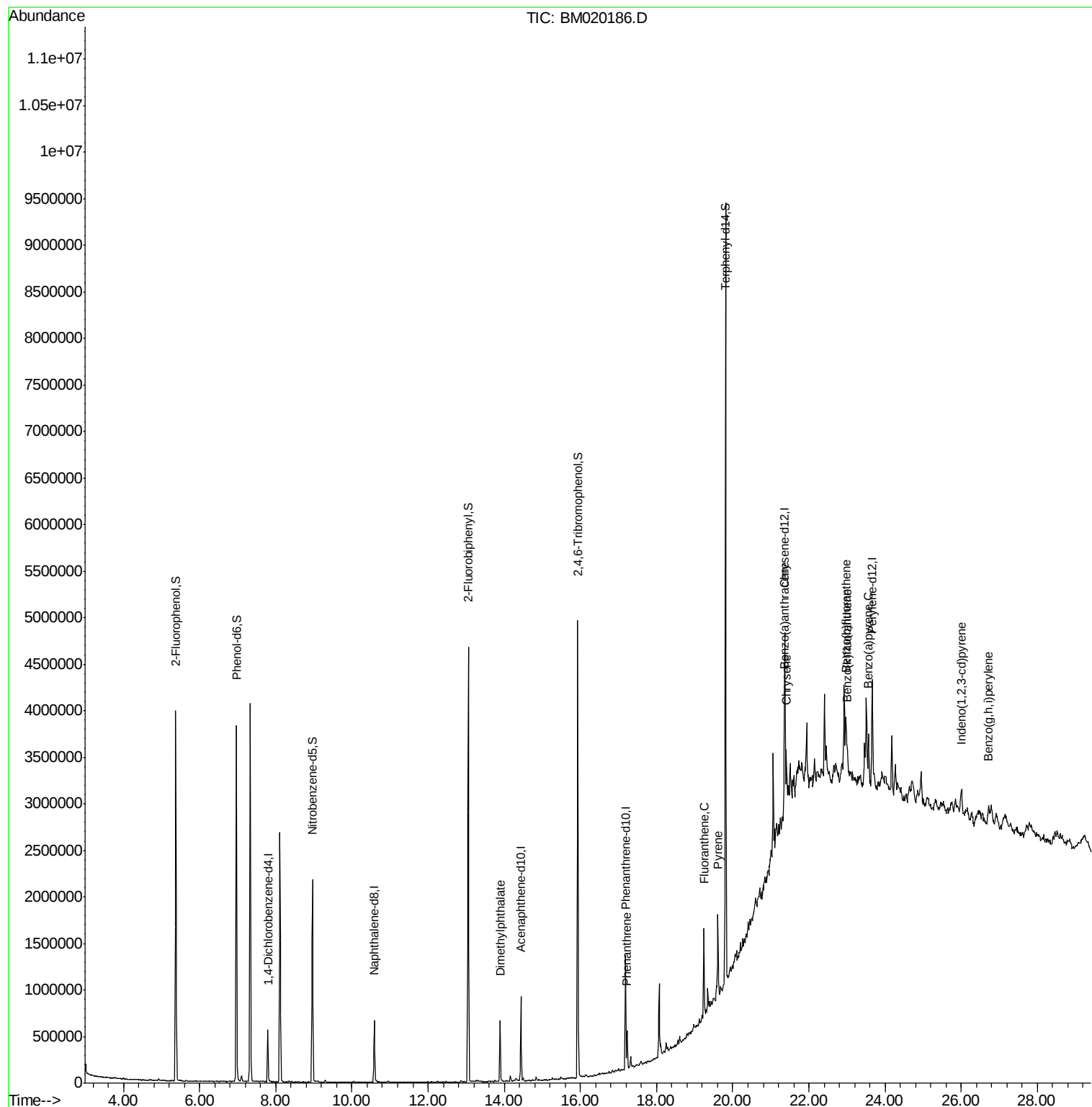
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050719\
Data File : BM020186.D
Acq On : 08 May 2019 04:00
Operator : JU/SJ
Sample : K2672-20
Misc :
ALS Vial : 20 Sample Multiplier: 1

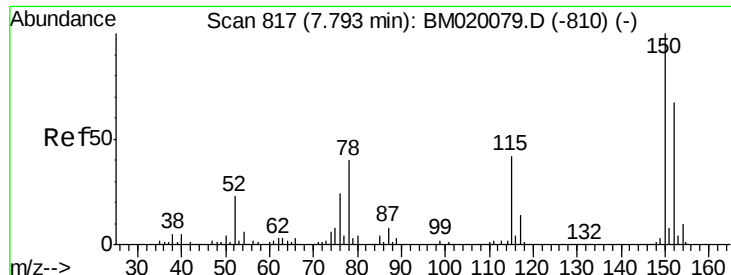
Instrument :
BNA_M
ClientSampleId :
SB-10-COMP

Quant Time: May 08 07:03:20 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

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#1

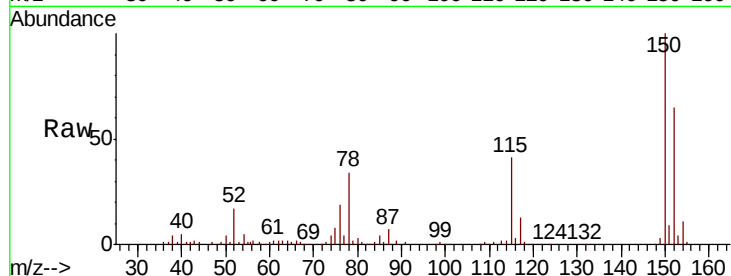
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.79 min Scan# 817
Delta R.T. -0.00 min
Lab File: BM020186.D
Acq: 08 May 2019 04:00

Instrument :
BNA_M
ClientSampleId :
SB-10-COMP

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.3	119.8	179.8
115	63.0	50.8	76.2

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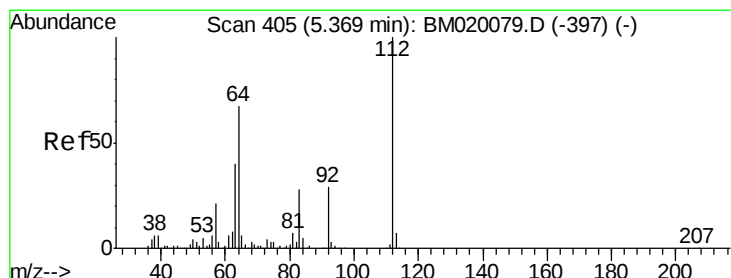
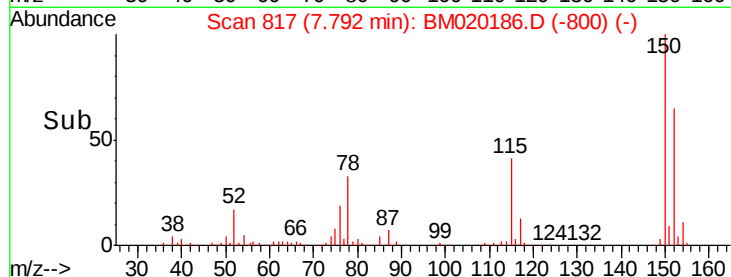
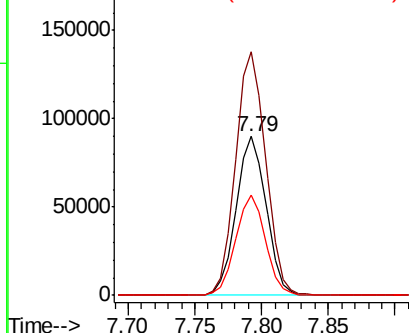


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

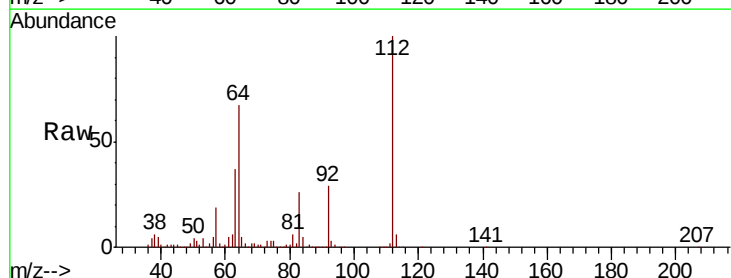
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 172.586 ng
RT: 5.37 min Scan# 406
Delta R.T. 0.01 min
Lab File: BM020186.D
Acq: 08 May 2019 04:00

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.6	53.8	80.6
63	36.7	32.3	48.5

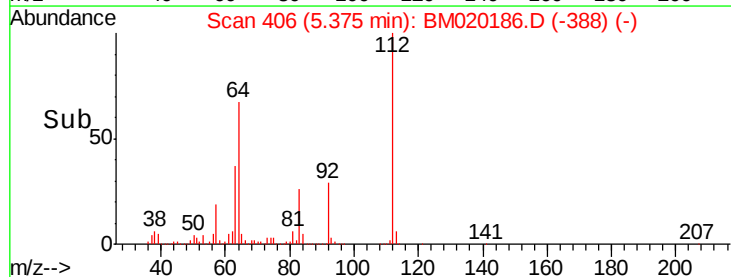
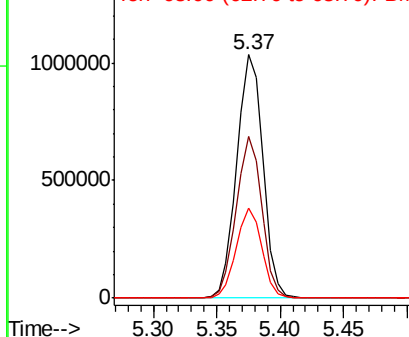


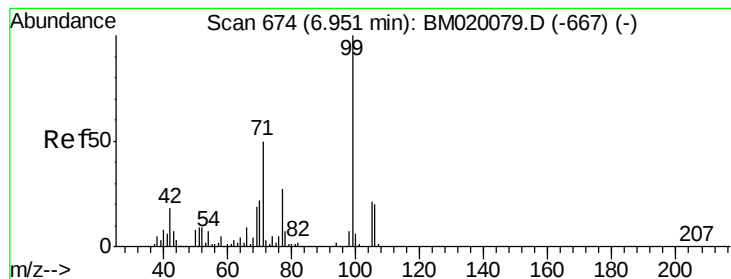
Abundance

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: 173.901 ng

RT: 6.97 min Scan# 677

Delta R.T. 0.02 min

Lab File: BM020186.D

Acq: 08 May 2019 04:00

Instrument :

BNA_M

ClientSampleId :

SB-10-COMP

Tot Ion: 99 Resp: 2040920

Ion Ratio Lower Upper

99 100

42 14.2 14.2 21.2

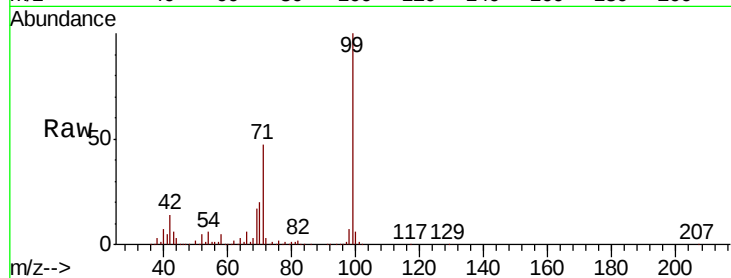
71 46.6 40.3 60.5

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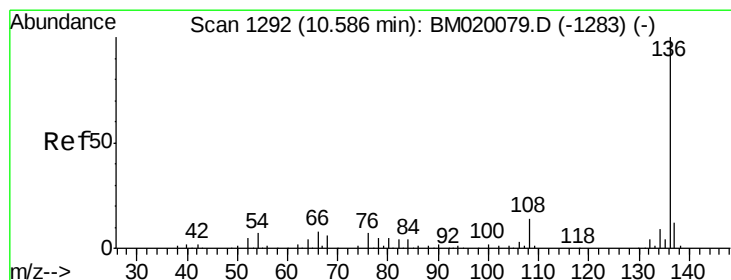
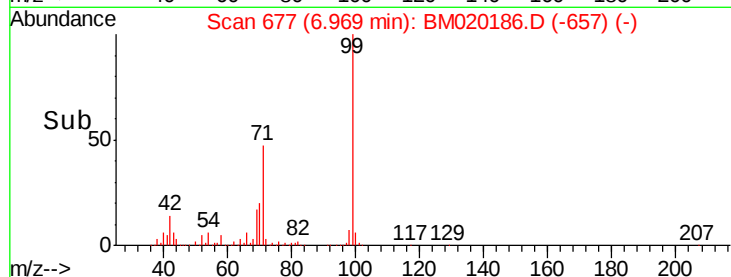
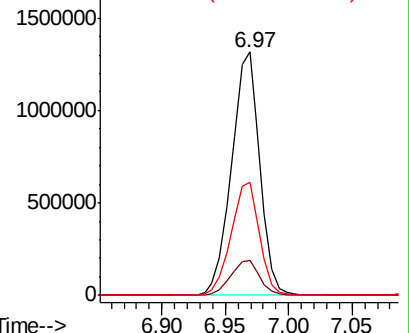
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Abundance Ion 99.00 (98.70 to 99.70): BM020079.D (-667) (-)

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: 10.59 min Scan# 1292

Delta R.T. -0.00 min

Lab File: BM020186.D

Acq: 08 May 2019 04:00

Tgt Ion: 136 Resp: 485255

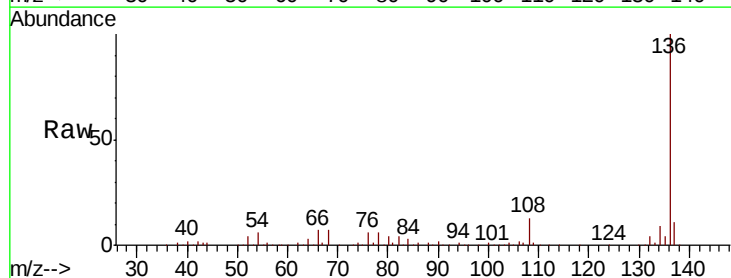
Ion Ratio Lower Upper

136 100

137 10.9 9.6 14.4

54 5.9 5.5 8.3

68 7.0 4.6 6.8#

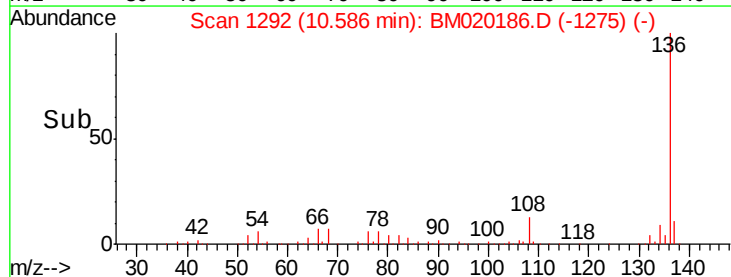
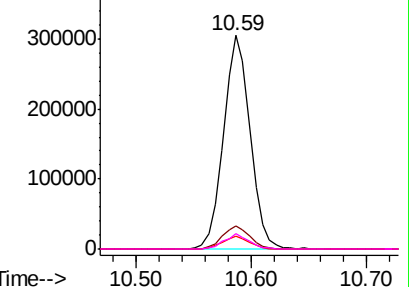


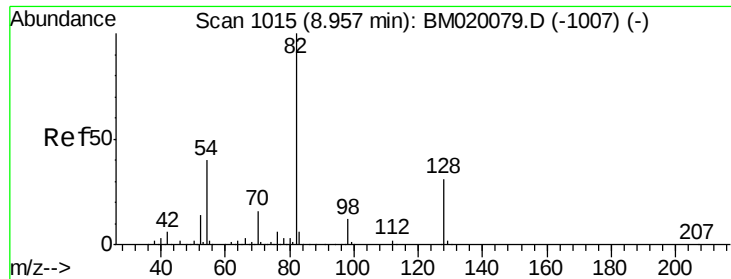
Abundance Ion 136.00 (135.70 to 136.70): BM020079.D (-1283) (-)

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) (-)





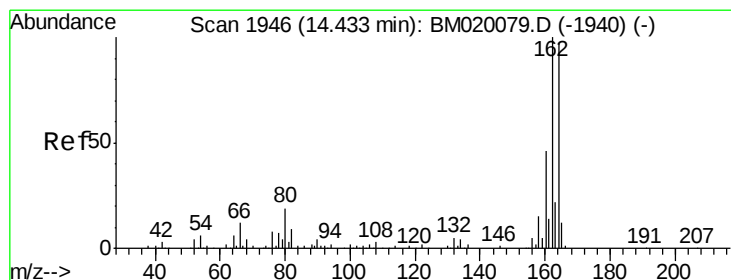
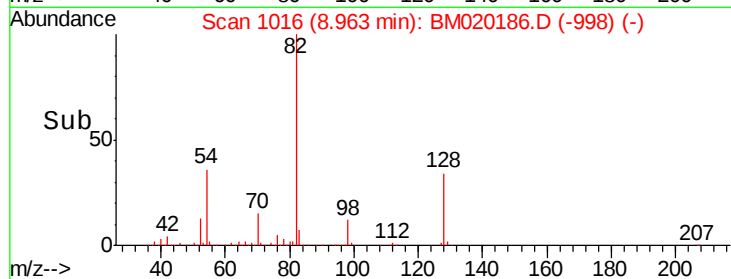
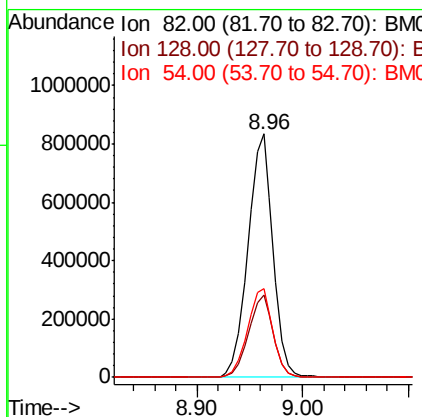
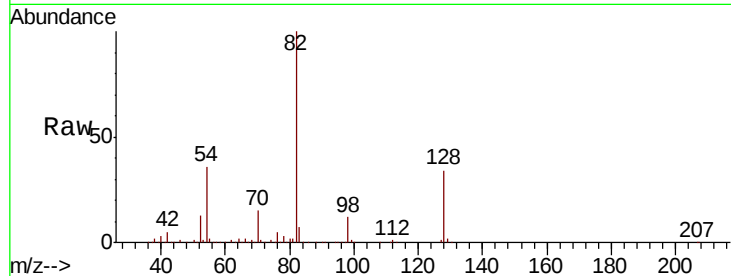
#23
 Nitrobenzene-d5
 Concen: 111.441 ng
 RT: 8.96 min Scan# 1016
 Delta R.T. 0.01 min
 Lab File: BM020186.D
 Acq: 08 May 2019 04:00

Instrument :
 BNA_M
 ClientSampleId :
 SB-10-COMP

Tot Ion	Ratio	Lower	Upper
82	100		
128	33.8	25.2	37.8
54	36.2	31.9	47.9

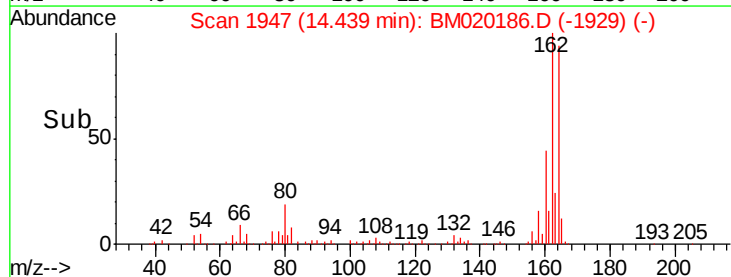
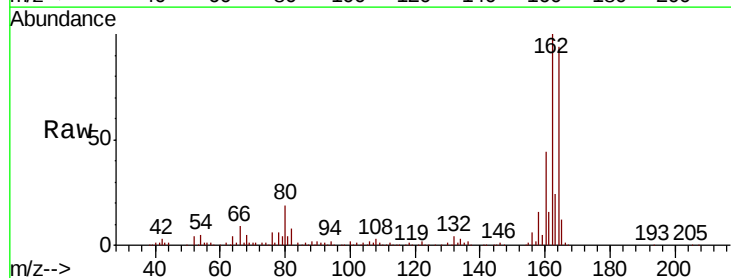
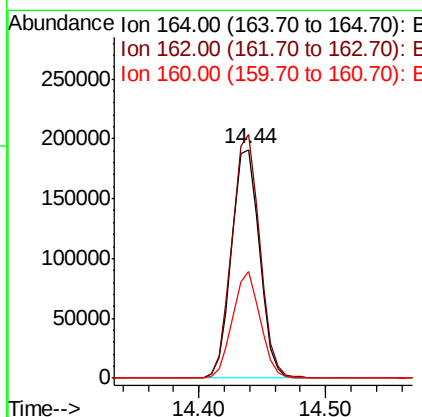
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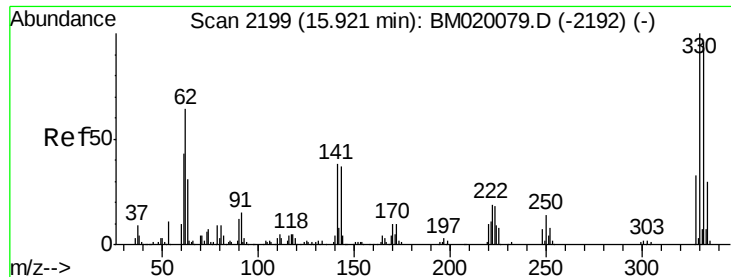
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.44 min Scan# 1947
 Delta R.T. 0.01 min
 Lab File: BM020186.D
 Acq: 08 May 2019 04:00

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.5	82.2	123.2
160	46.5	37.6	56.4





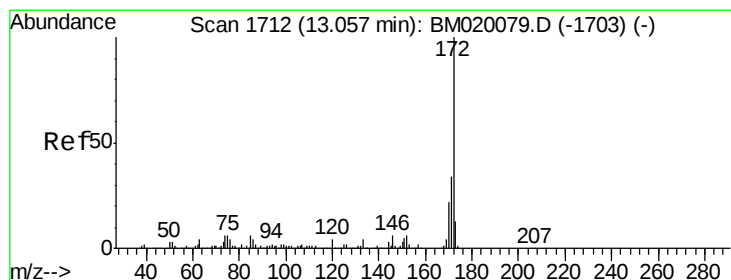
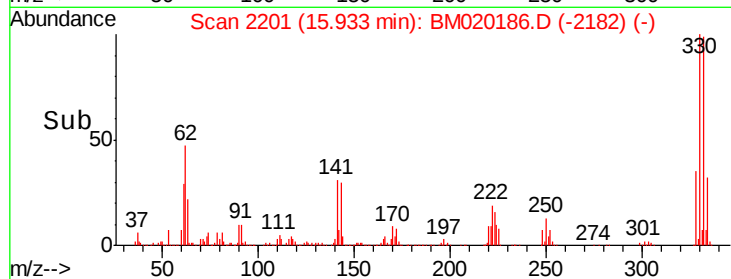
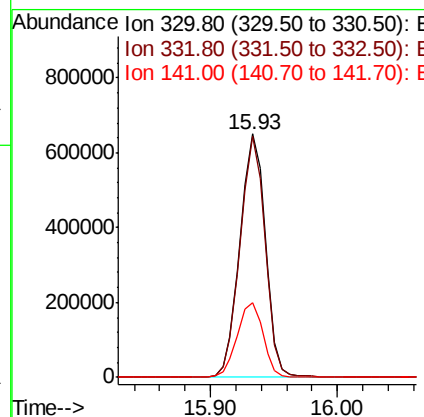
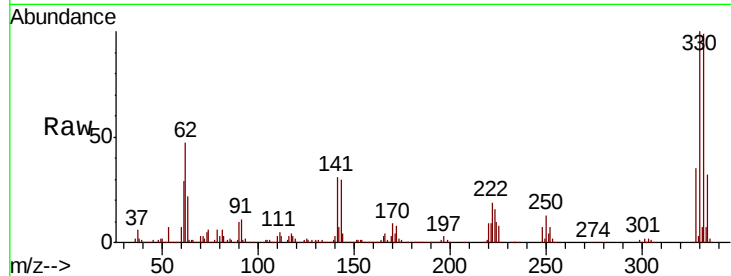
#42
 2,4,6-Tribromophenol
 Concen: 200.745 ng
 RT: 15.93 min Scan# 2201
 Delta R.T. 0.01 min
 Lab File: BM020186.D
 Acq: 08 May 2019 04:00

Instrument :
 BNA_M
 ClientSampleId :
 SB-10-COMP

Tot Ion	Ratio	Resp	Lower	Upper
330	100	905929		
332	97.0		76.8	115.2
141	31.4		29.2	43.8

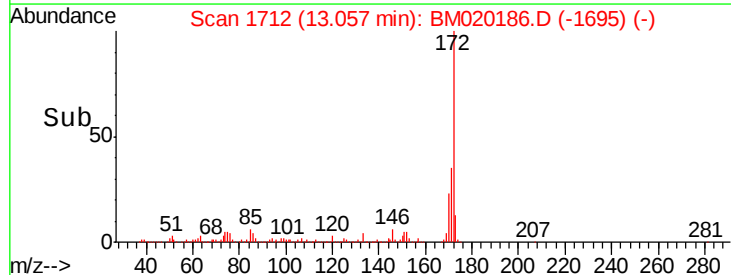
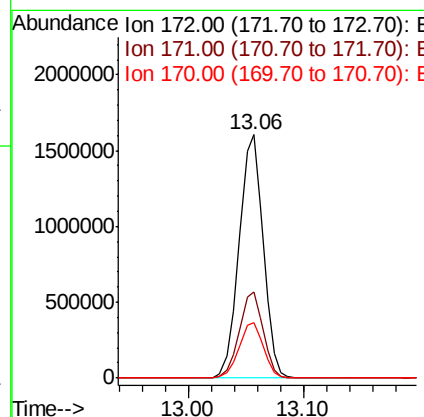
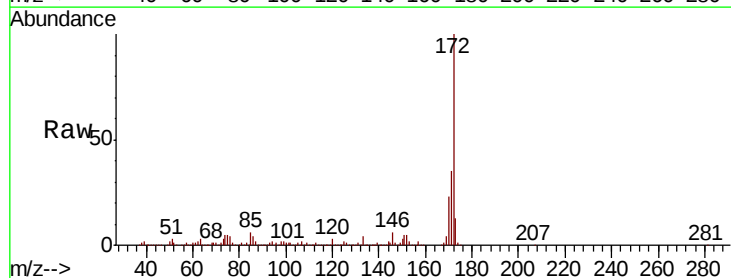
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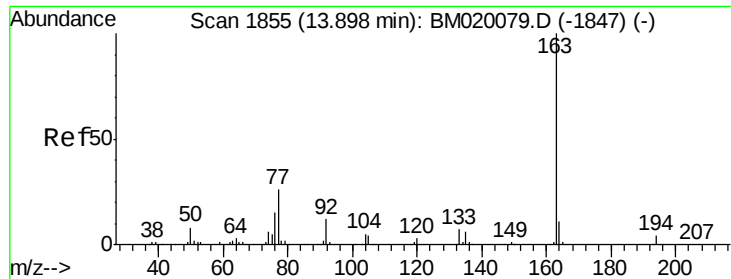
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#45
 2-Fluorobiphenyl
 Concen: 98.205 ng
 RT: 13.06 min Scan# 1712
 Delta R.T. -0.00 min
 Lab File: BM020186.D
 Acq: 08 May 2019 04:00

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	2320623		
171	35.4		27.3	40.9
170	23.0		17.9	26.9





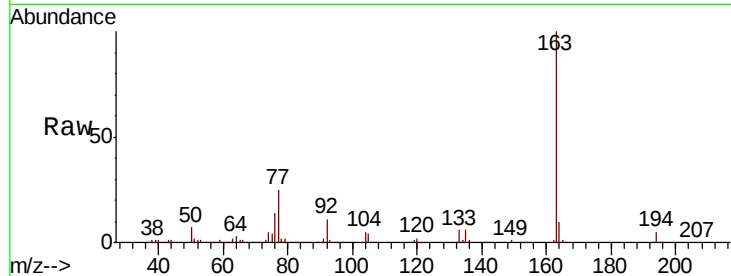
#50
Dimethylphthalate
Concen: 15.955 ng
RT: 13.89 min Scan# 1854
Delta R.T. -0.01 min
Lab File: BM020186.D
Acq: 08 May 2019 04:00

Instrument :
BNA_M
ClientSampleId :
SB-10-COMP

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.9	3.6	5.4
164	10.0	8.4	12.6

Manual Integrations
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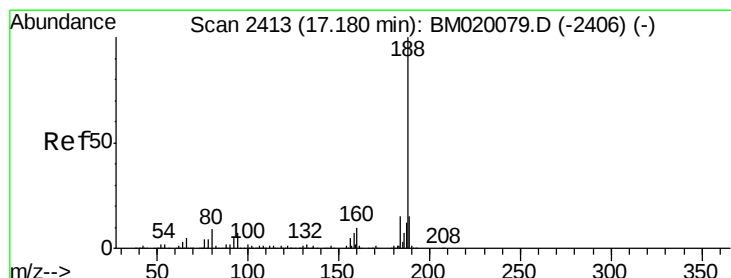
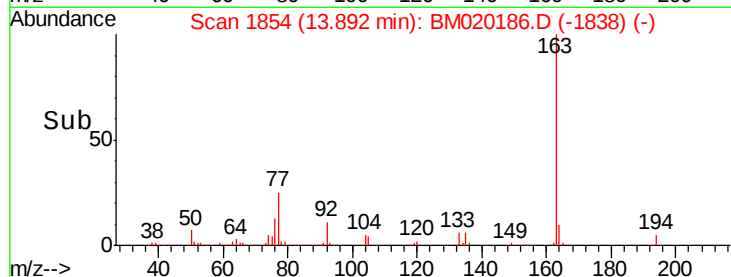
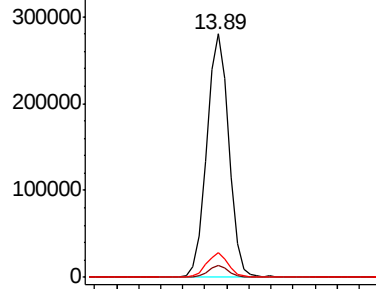


Abundance

Ion 163.00 (162.70 to 163.70): E

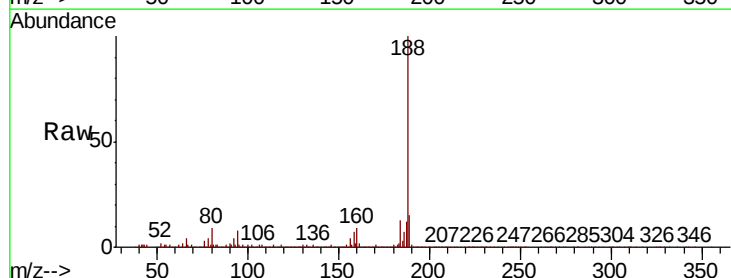
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.19 min Scan# 2414
Delta R.T. 0.01 min
Lab File: BM020186.D
Acq: 08 May 2019 04:00

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.9	5.8	8.6
80	9.1	7.4	11.2

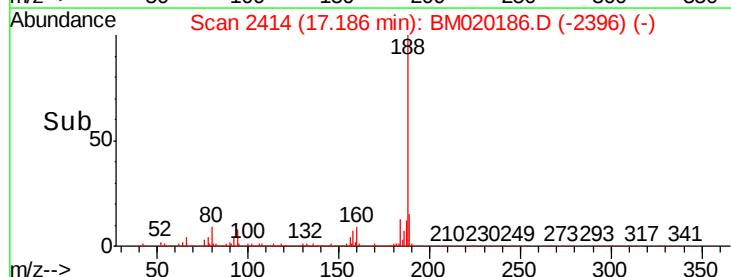
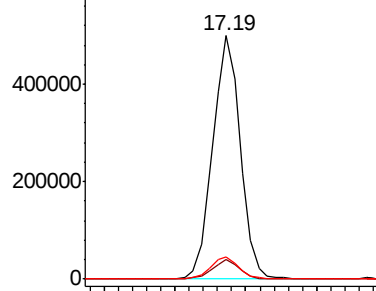


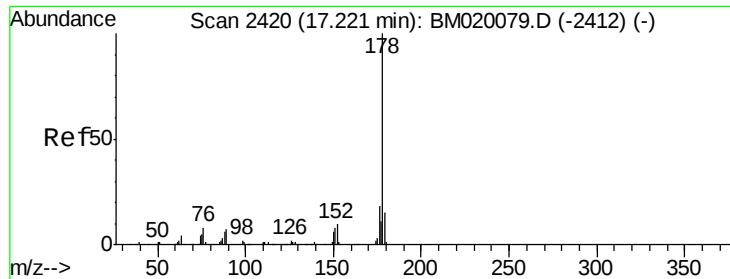
Abundance

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





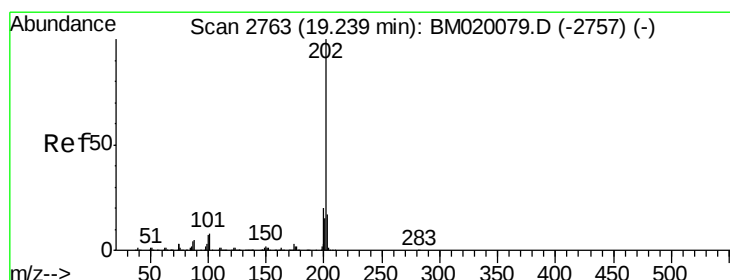
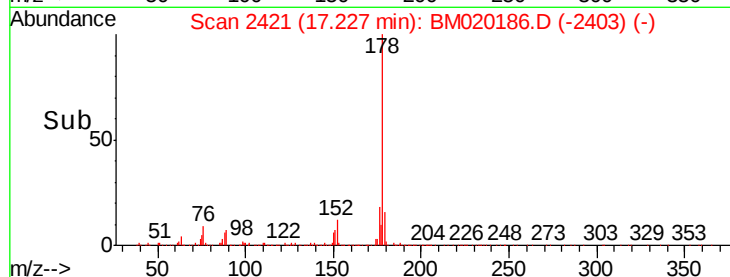
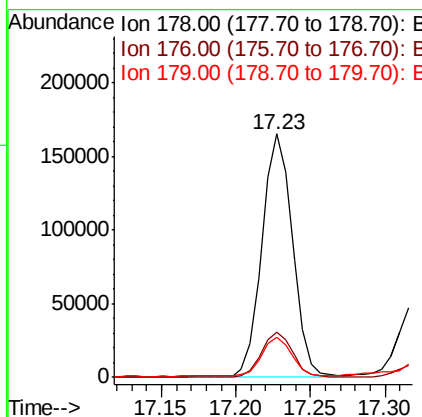
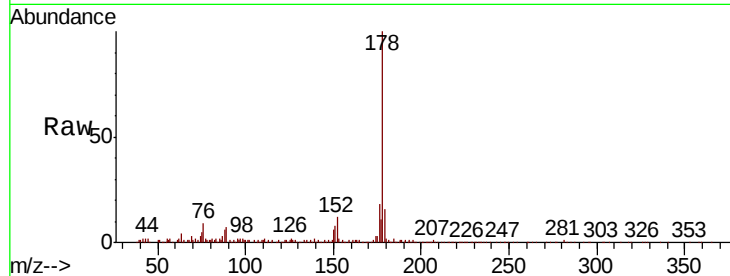
#71
Phenanthrene
Concen: 6.201 ng
RT: 17.23 min Scan# 2421
Delta R.T. 0.01 min
Lab File: BM020186.D
Acq: 08 May 2019 04:00

Instrument :
BNA_M
ClientSampleId :
SB-10-COMP

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.6	21.8
179	16.3	12.4	18.6

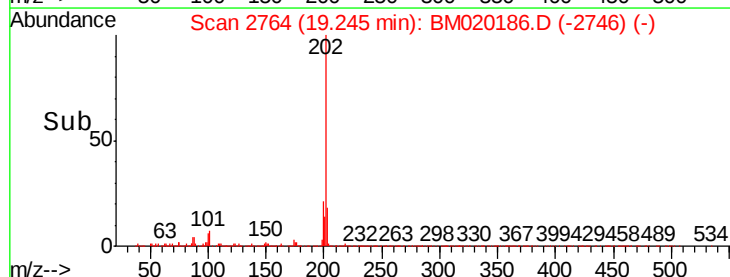
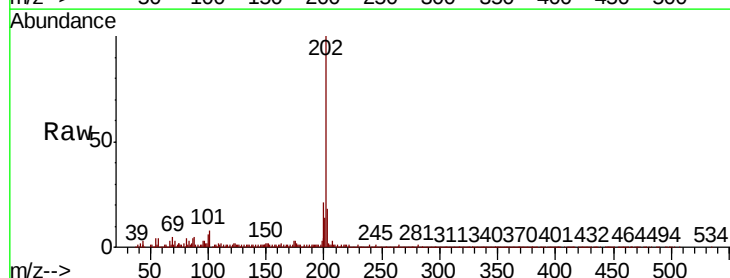
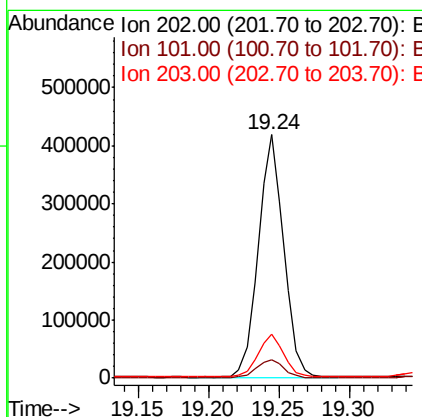
Manual Integrations
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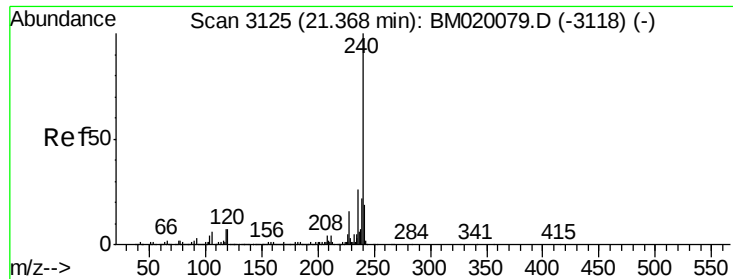
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#75
Fluoranthene
Concen: 11.106 ng
RT: 19.24 min Scan# 2764
Delta R.T. 0.01 min
Lab File: BM020186.D
Acq: 08 May 2019 04:00

Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.6	0.0	28.4
203	18.3	0.0	37.4





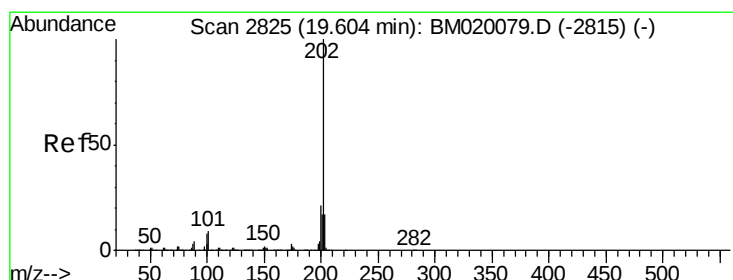
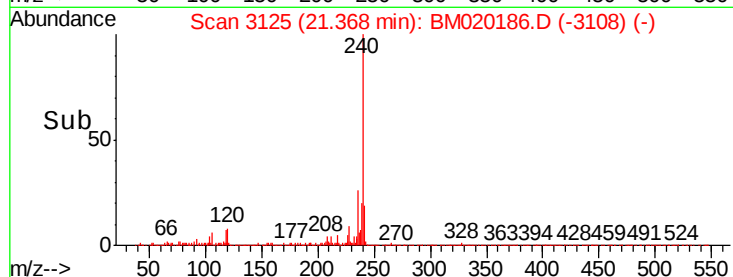
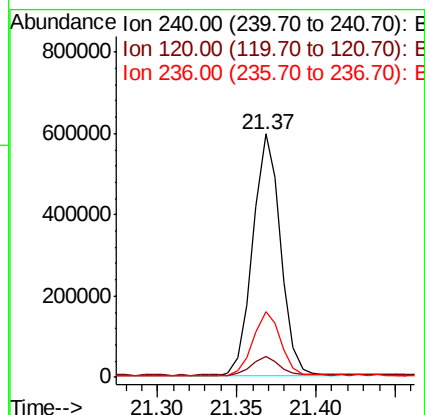
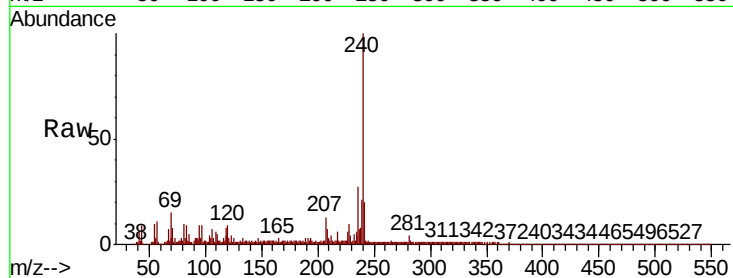
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.37 min Scan# 3125
Delta R.T. -0.00 min
Lab File: BM020186.D
Acq: 08 May 2019 04:00

Instrument :
BNA_M
ClientSampleId :
SB-10-COMP

Tot Ion	Ratio	Lower	Upper
240	100		
120	8.6	5.6	8.4#
236	26.8	20.9	31.3

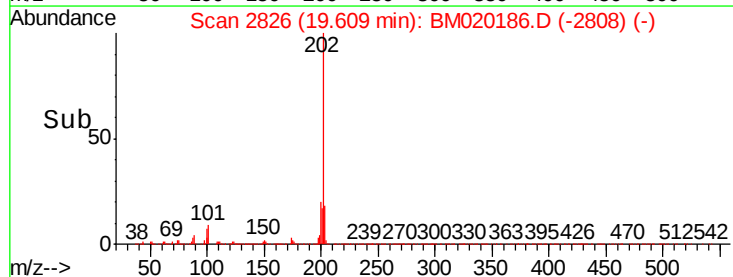
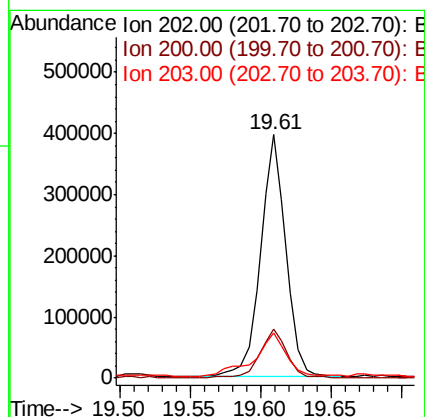
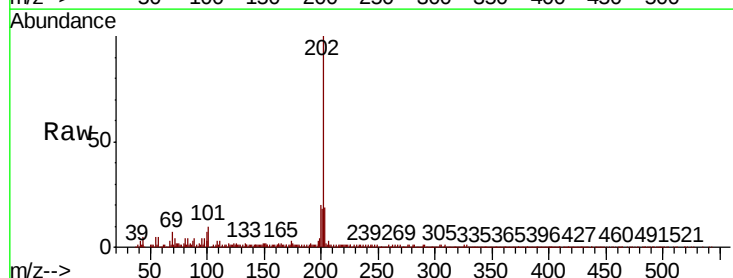
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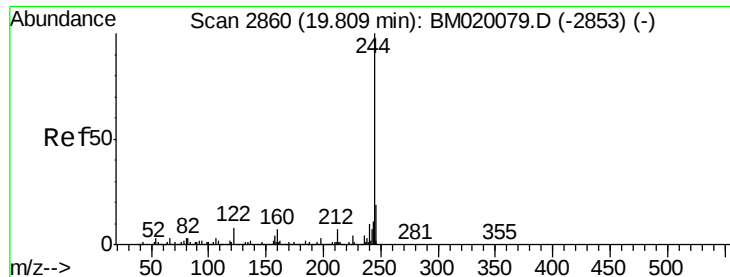
Sohil
5/9/2019 6:44:38 PM



#78
Pyrene
Concen: 10.221 ng
RT: 19.61 min Scan# 2826
Delta R.T. 0.01 min
Lab File: BM020186.D
Acq: 08 May 2019 04:00

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.4	16.5	24.7
203	18.7	13.9	20.9





#79

Terphenyl-d14

Concen: 89.900 ng

RT: 19.81 min Scan# 2860

Delta R.T. -0.00 min

Lab File: BM020186.D

Acq: 08 May 2019 04:00

Instrument :

BNA_M

ClientSampleId :

SB-10-COMP

Tot Ion:244 Resp: 3771016

Ion Ratio Lower Upper

244 100

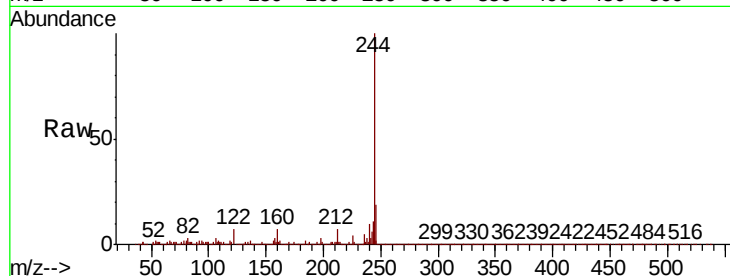
212 6.9 5.7 8.5

122 7.5 6.2 9.2

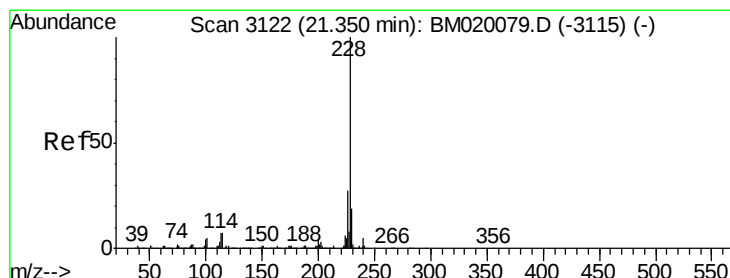
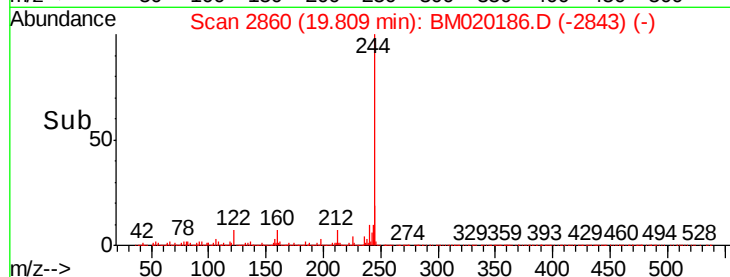
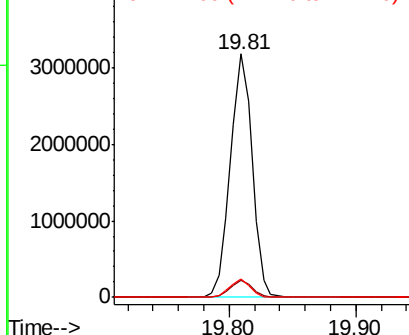
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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#81

Benzo(a)anthracene

Concen: 6.331 ng

RT: 21.35 min Scan# 3122

Delta R.T. -0.00 min

Lab File: BM020186.D

Acq: 08 May 2019 04:00

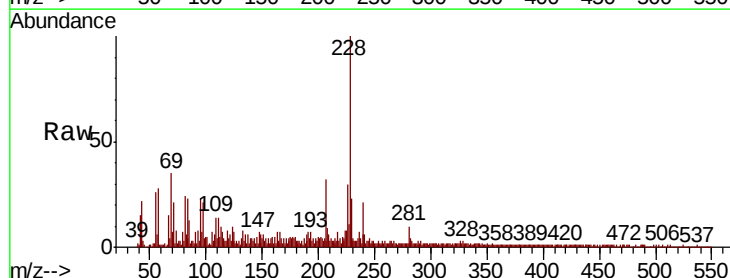
Tgt Ion:228 Resp: 324852

Ion Ratio Lower Upper

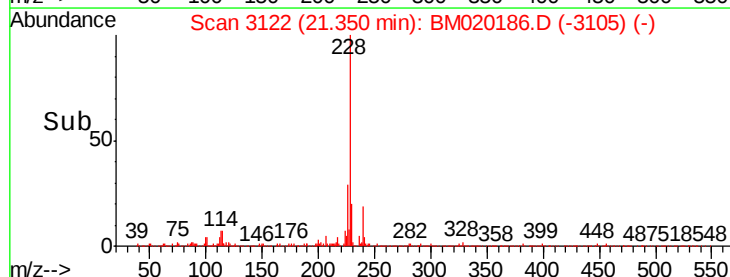
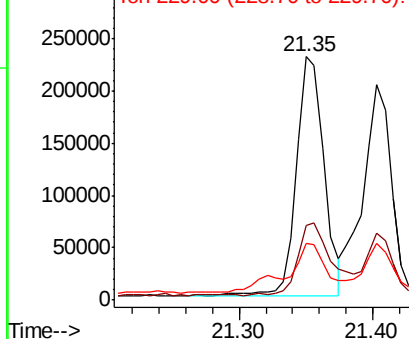
228 100

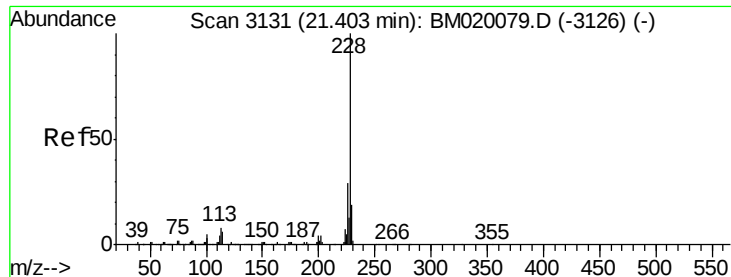
226 30.5 21.3 31.9

229 23.3 15.5 23.3



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





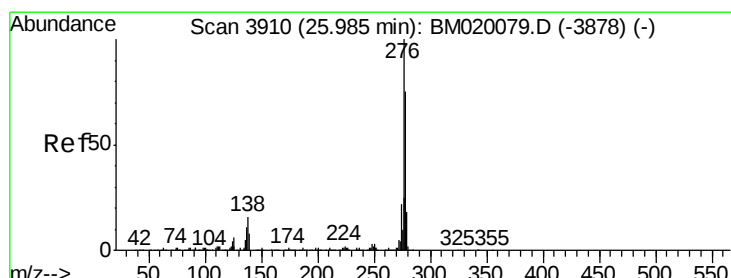
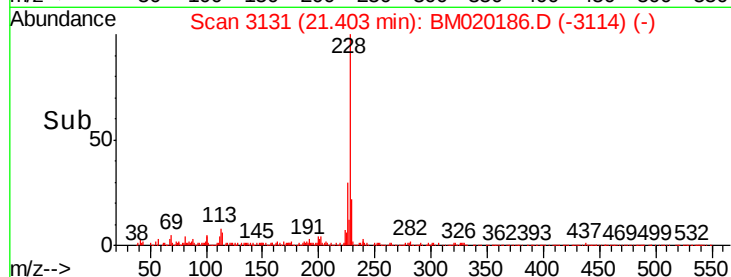
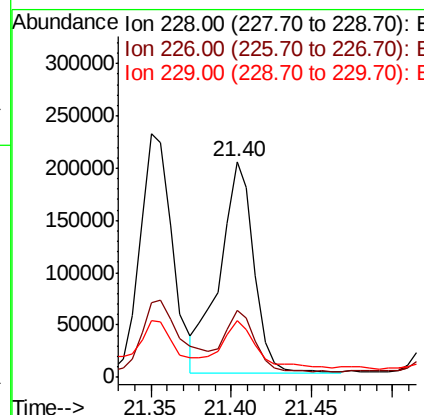
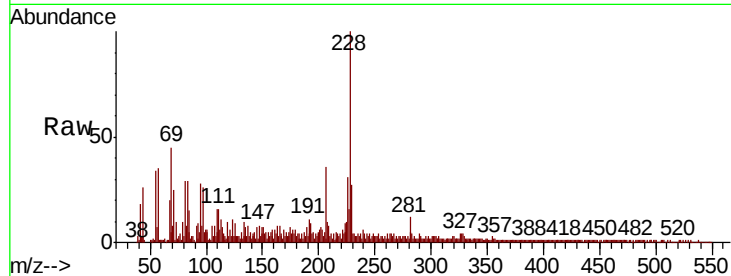
#83
Chrysene
Concen: 6.054 ng/ml
RT: 21.40 min Scan# 3131
Delta R.T. -0.00 min
Lab File: BM020186.D
Acq: 08 May 2019 04:00

Instrument :
BNA_M
ClientSampleId :
SB-10-COMP

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.9	23.0	34.6
229	26.5	15.5	23.3

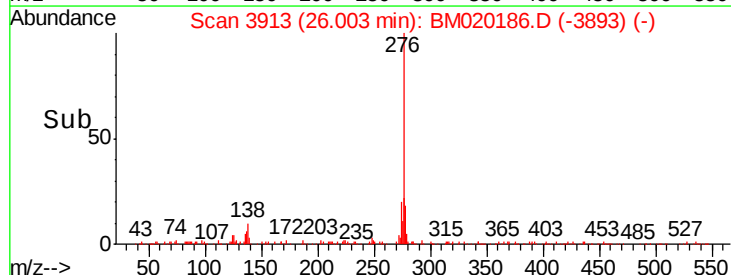
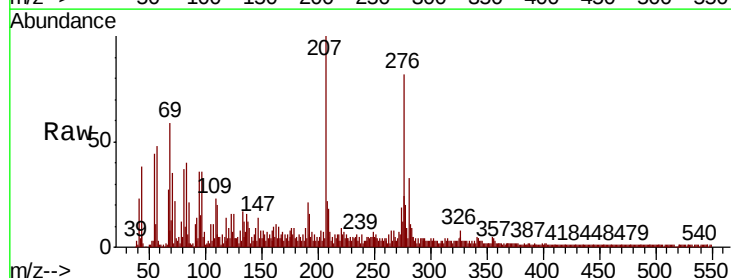
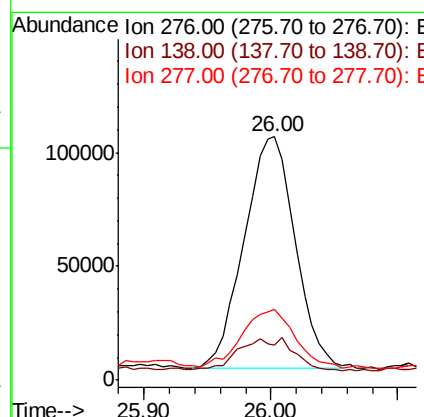
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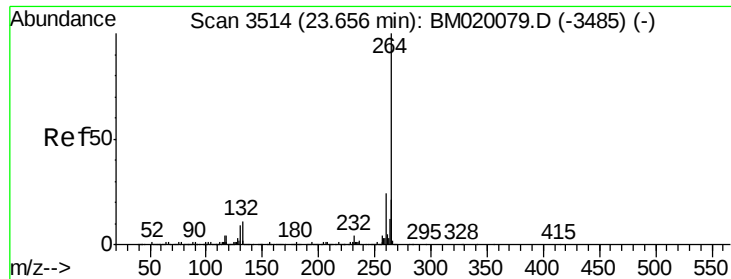
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#86
Indeno(1,2,3-cd)pyrene
Concen: 4.825 ng
RT: 26.00 min Scan# 3913
Delta R.T. 0.02 min
Lab File: BM020186.D
Acq: 08 May 2019 04:00

Tgt Ion	Ratio	Lower	Upper
276	100		
138	14.9	0.0	0.0
277	26.5	0.0	0.0





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.66 min Scan# 3515

Delta R.T. 0.01 min

Lab File: BM020186.D

Acq: 08 May 2019 04:00

Instrument :

BNA_M

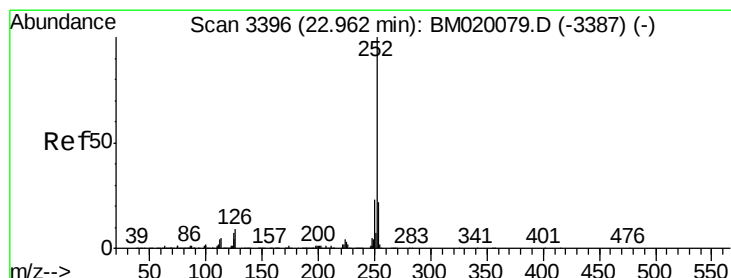
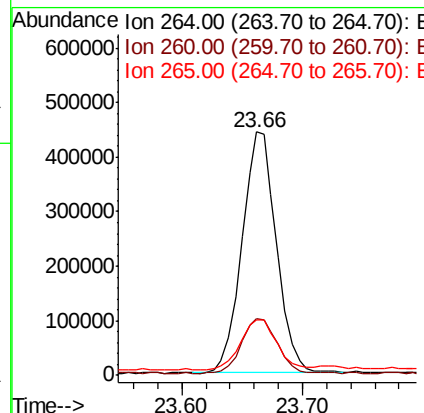
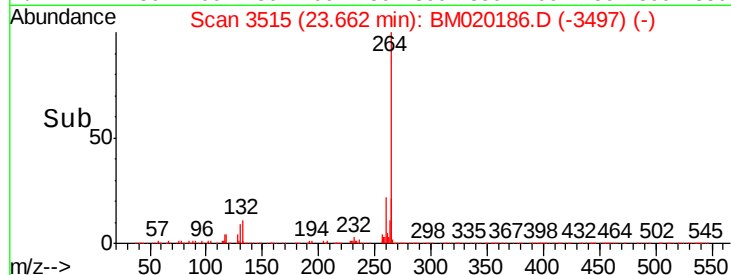
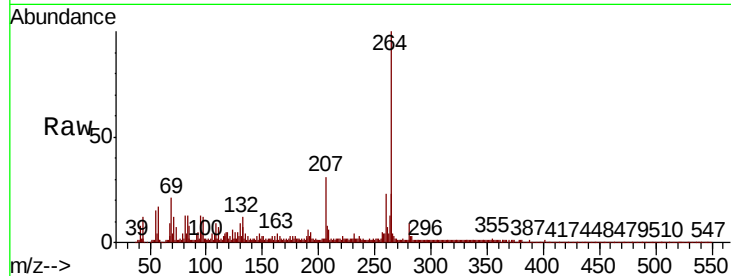
ClientSampleId :

SB-10-COMP

Tot Ion:	264	Resp:	873623
Ion Ratio	Lower	Upper	
264	100		
260	23.1	19.2	28.8
265	22.9	16.9	25.3

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#88

Benzo(b)fluoranthene

Concen: 9.199 ng m

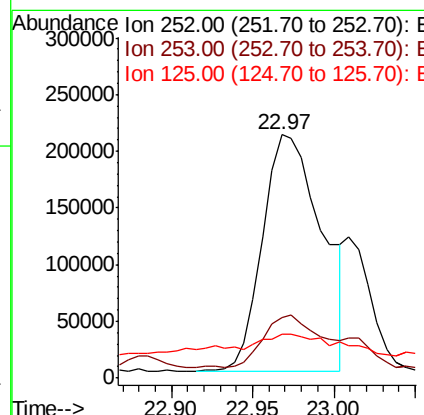
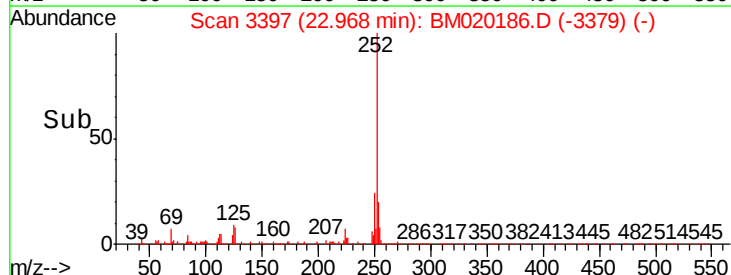
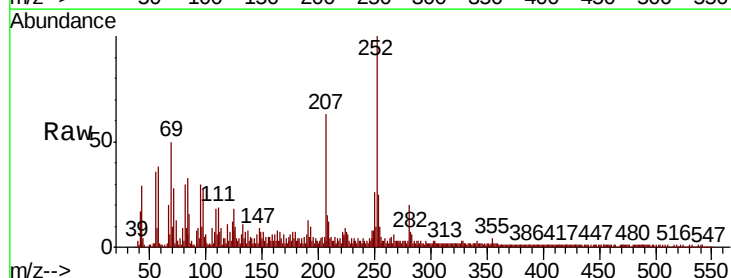
RT: 22.97 min Scan# 3397

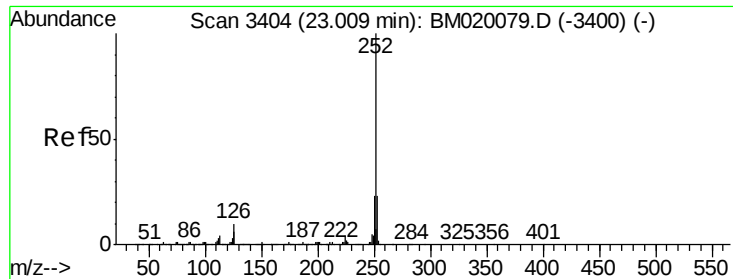
Delta R.T. 0.01 min

Lab File: BM020186.D

Acq: 08 May 2019 04:00

Tgt Ion:	252	Resp:	530657
Ion Ratio	Lower	Upper	
252	100		
253	24.8	17.5	26.3
125	17.9	5.4	8.2#





#89

Benzo(k)fluoranthene

Concen: 2.817 ng m

RT: 23.01 min Scan# 3404

Delta R.T. -0.00 min

Lab File: BM020186.D

Acq: 08 May 2019 04:00

Instrument :

BNA_M

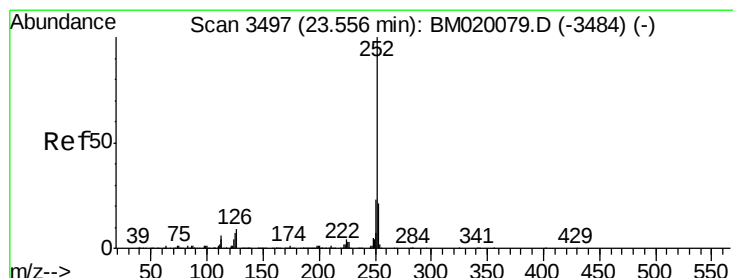
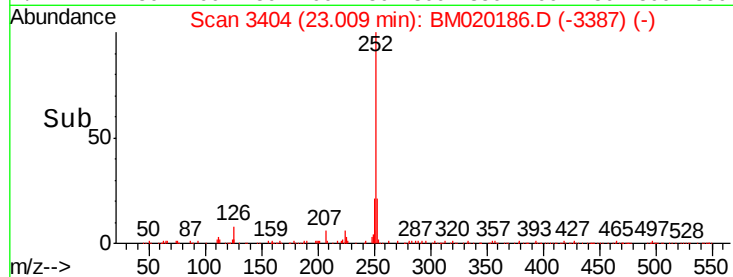
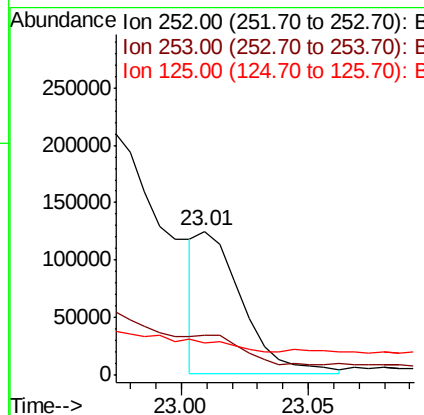
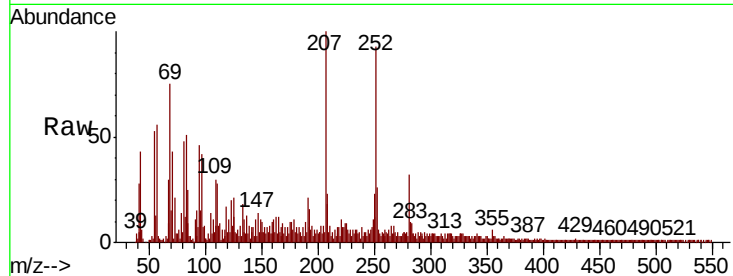
ClientSampleId :

SB-10-COMP

Tot Ion:	252	Resp:	148262
Ion Ratio	Lower	Upper	
252	100		
253	28.1	17.8	26.8#
125	23.0	5.4	8.0#

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#90

Benzo(a)pyrene

Concen: 7.284 ng

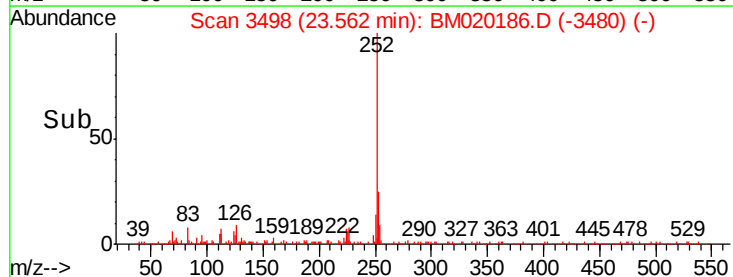
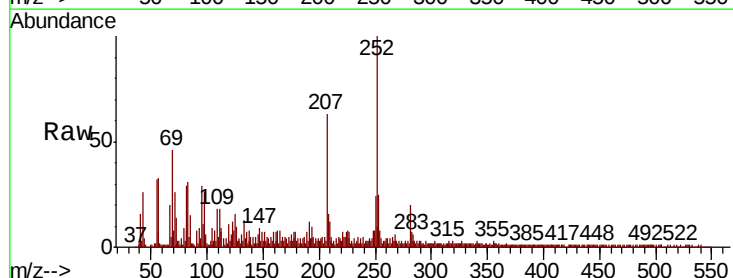
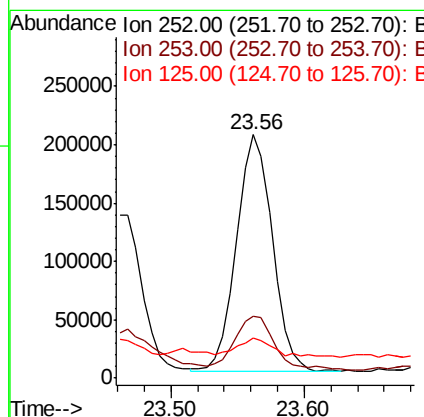
RT: 23.56 min Scan# 3498

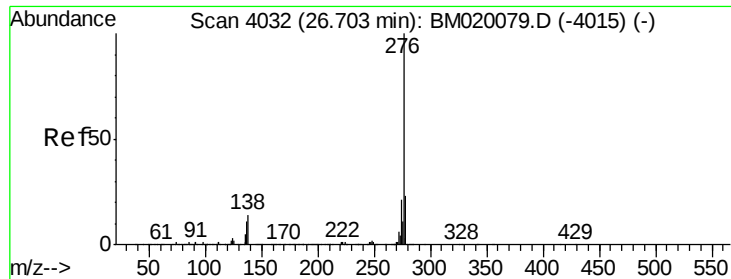
Delta R.T. 0.01 min

Lab File: BM020186.D

Acq: 08 May 2019 04:00

Tgt Ion:	252	Resp:	381665
Ion Ratio	Lower	Upper	
252	100		
253	25.2	17.0	25.6
125	16.4	5.5	8.3#





#92
 Benzo(a,h,i)perylene
 Concen: 5.529 ng/ml
 RT: 26.72 min Scan# 4035
 Delta R.T. 0.02 min
 Lab File: BM020186.D
 Acq: 08 May 2019 04:00

Instrument :
 BNA_M
 ClientSampleId :
 SB-10-COMP

Tot Ion	Ion	Ratio	Lower	Upper
276	100			
277	27.9	18.4	27.6#	
138	16.8	11.1	16.7#	

Manual Integrations
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 5/9/2019 6:44:38 PM

