

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM051019\
 Data File : BM020252.D
 Acq On : 10 May 2019 23:06
 Operator : JU/SJ
 Sample : K2754-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C-1

Manual Integrations
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mohammad
 5/13/2019 8:25:26 AM

Quant Time: May 11 02:21:24 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	7.77	152	115827	20.00	ng	-0.02
21) Naphthalene-d8	10.57	136	446645	20.00	ng	-0.02
39) Acenaphthene-d10	14.42	164	281478	20.00	ng	-0.02
64) Phenanthrene-d10	17.17	188	637113	20.00	ng	-0.01
76) Chrysene-d12	21.35	240	442823	20.00	ng	-0.02
87) Perylene-d12	23.64	264	464924	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	802318	113.23	ng	-0.01
7) Phenol-d6	6.95	99	1134287	117.17	ng	0.00
23) Nitrobenzene-d5	8.94	82	774563	68.47	ng	-0.02
42) 2,4,6-Tribromophenol	15.92	330	494987	113.29	ng	0.00
45) 2-Fluorobiphenyl	13.03	172	1610263	70.39	ng	-0.02
79) Terphenyl-d14	19.79	244	2122645	83.61	ng	-0.02
Target Compounds						
50) Dimethylphthalate	13.87	163	150117	6.275	ng	Qvalue 99
71) Phenanthrene	17.21	178	296488	8.430	ng	99
75) Fluoranthene	19.23	202	706918	15.887	ng	99
78) Pyrene	19.59	202	585763	19.702	ng	99
81) Benzo(a)anthracene	21.33	228	257305	8.285	ng	98
83) Chrysene	21.39	228	231518	7.687	ng	97
86) Indeno(1,2,3-cd)pyrene	25.96	276	160007	4.466	ng	# 100
88) Benzo(b)fluoranthene	22.94	252	287766	9.373	ng	# 98
89) Benzo(k)fluoranthene	22.99	252	102532m	3.661	ng	
90) Benzo(a)pyrene	23.54	252	224445	8.048	ng	# 95
92) Benzo(g,h,i)perylene	26.67	276	170232	6.183	ng	97

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

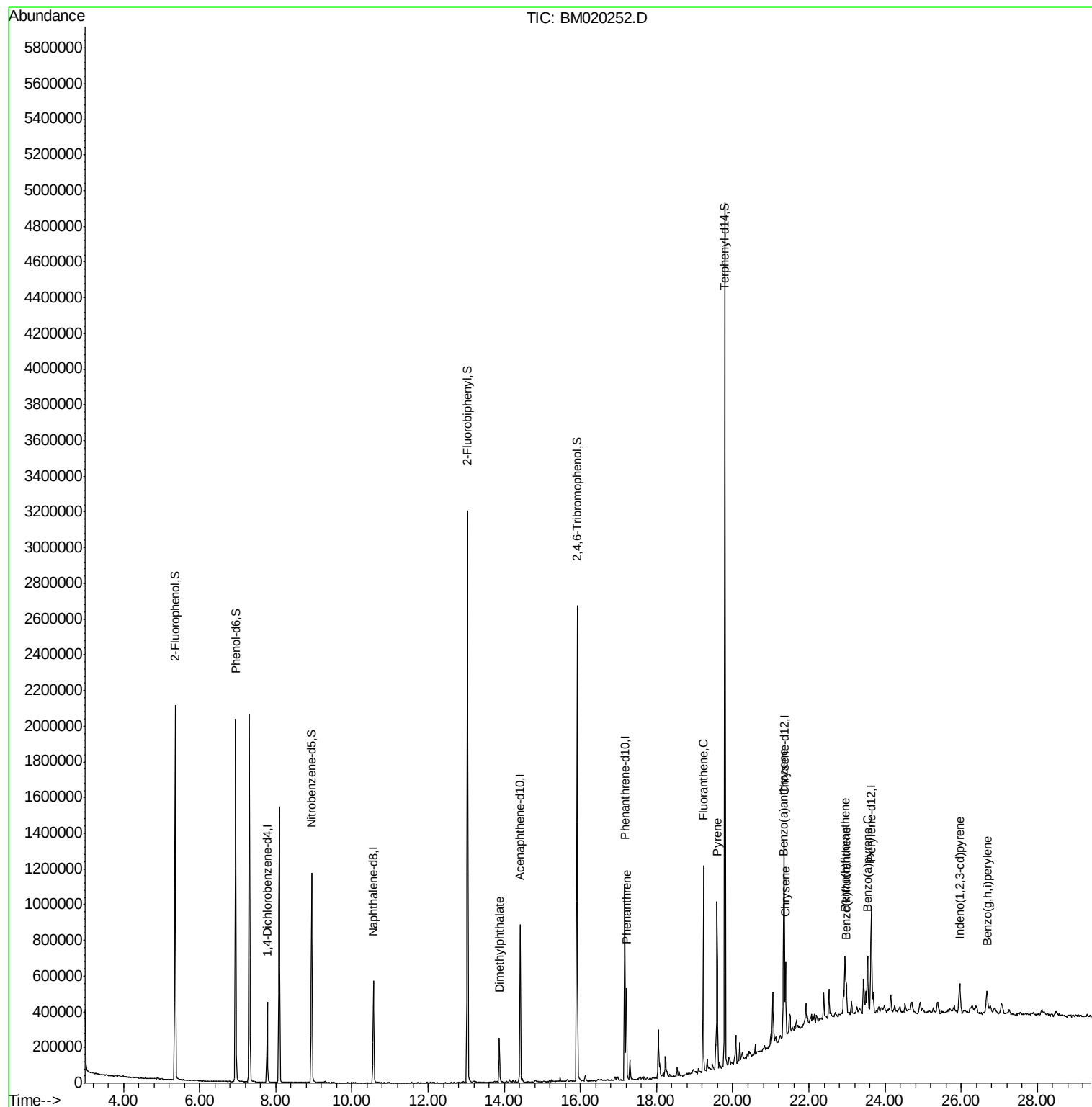
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM051019\
Data File : BM020252.D
Acq On : 10 May 2019 23:06
Operator : JU/SJ
Sample : K2754-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

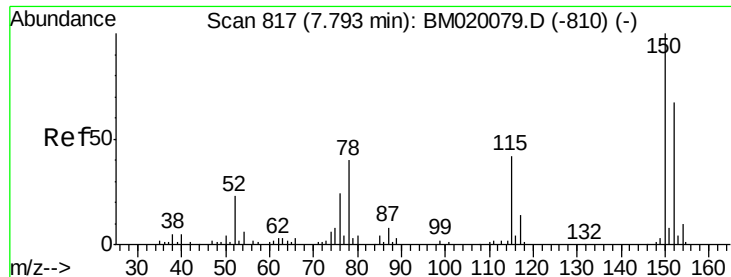
Instrument :
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C-1

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

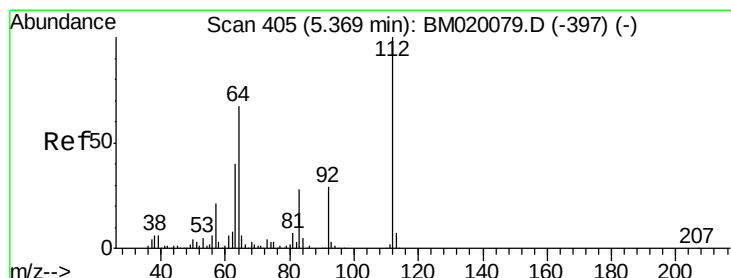
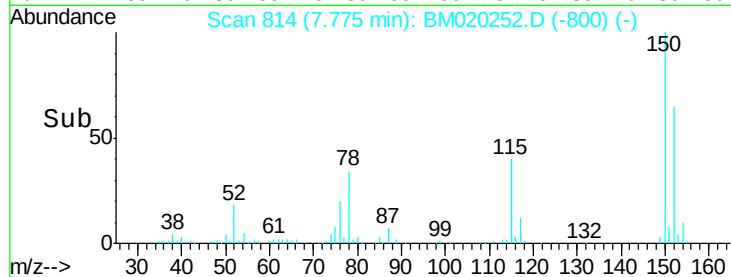
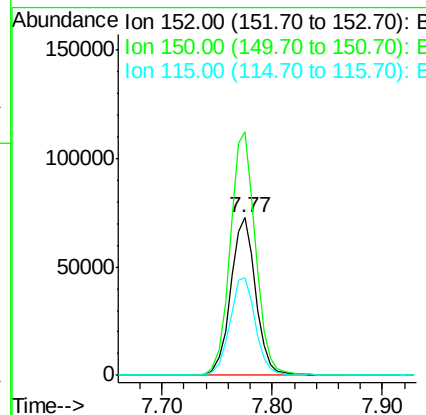
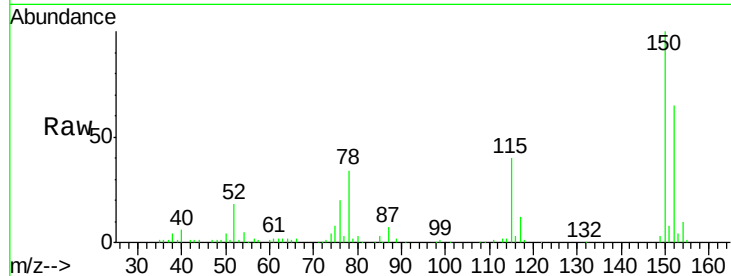
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.77 min Scan# 814
Delta R.T. -0.02 min
Lab File: BM020252.D
Acq: 10 May 2019 23:06

Instrument :
BNA_M
ClientSampled :
C-1

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	115827		
150	154.6	119.8	179.8	
115	62.1	50.8	76.2	

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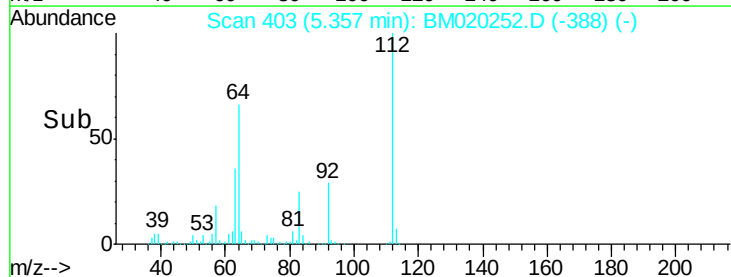
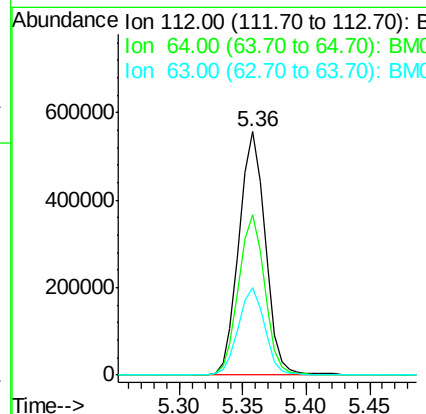
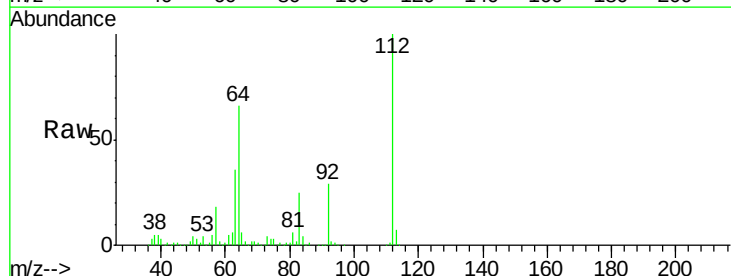
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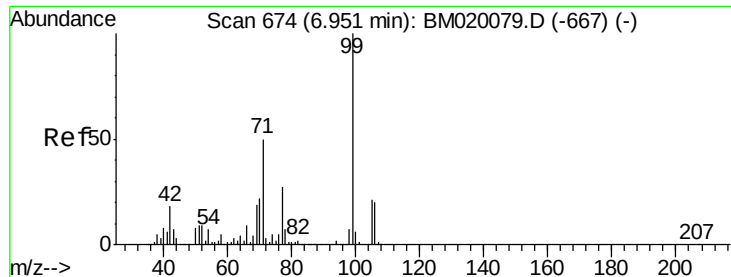


#5

2-Fluorophenol
Concen: 113.226 ng
RT: 5.36 min Scan# 403
Delta R.T. -0.01 min
Lab File: BM020252.D
Acq: 10 May 2019 23:06

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	802318		
64	65.7	53.8	80.6	
63	35.7	32.3	48.5	





#7

Phenol-d6

Concen: 117.173 ng

RT: 6.95 min Scan# 673

Delta R.T. -0.01 min

Lab File: BM020252.D

Acq: 10 May 2019 23:06

Instrument :

BNA_M

ClientSampleId :

C-1

Tgt Ion: 99 Resp: 1134287

Ion Ratio Lower Upper

99 100

42 14.5 14.2 21.2

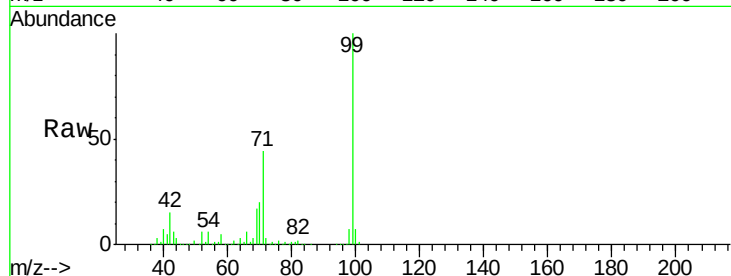
71 44.1 40.3 60.5

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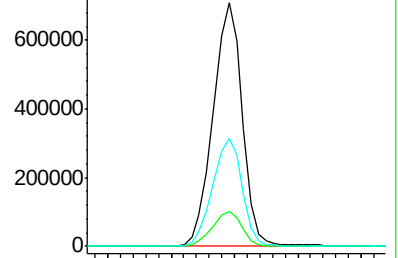
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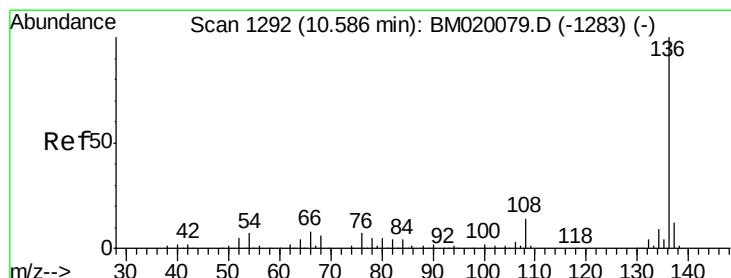
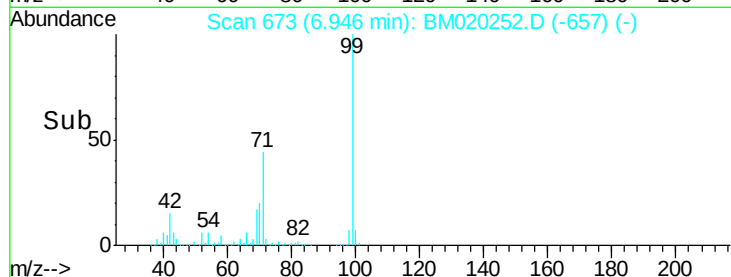
Abundance Ion 99.00 (98.70 to 99.70): BM020252.D (-657) (-)

Ion 42.00 (41.70 to 42.70): BM020252.D (-657) (-)

Ion 71.00 (70.70 to 71.70): BM020252.D (-657) (-)



Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.57 min Scan# 1289

Delta R.T. -0.02 min

Lab File: BM020252.D

Acq: 10 May 2019 23:06

Tgt Ion: 136 Resp: 446645

Ion Ratio Lower Upper

136 100

137 10.1 9.6 14.4

54 6.2 5.5 8.3

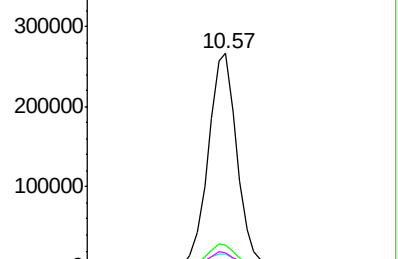
68 6.4 4.6 6.8

Abundance Ion 136.00 (135.70 to 136.70): BM020252.D (-1275) (-)

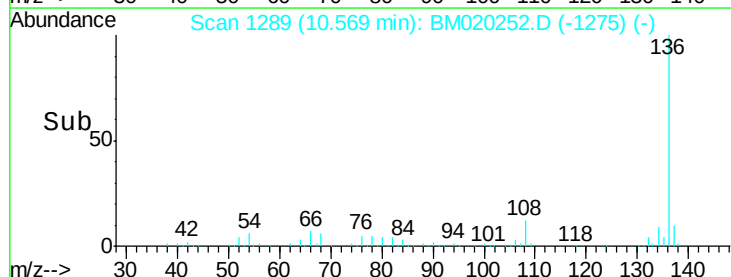
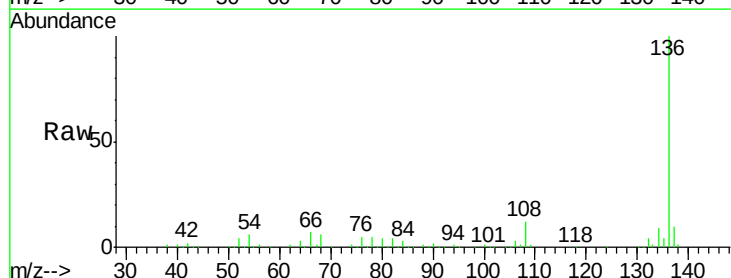
Ion 137.00 (136.70 to 137.70): BM020252.D (-1275) (-)

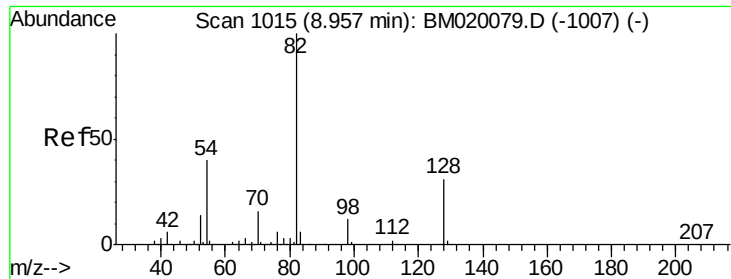
Ion 54.00 (53.70 to 54.70): BM020252.D (-1275) (-)

Ion 68.00 (67.70 to 68.70): BM020252.D (-1275) (-)



Time-->





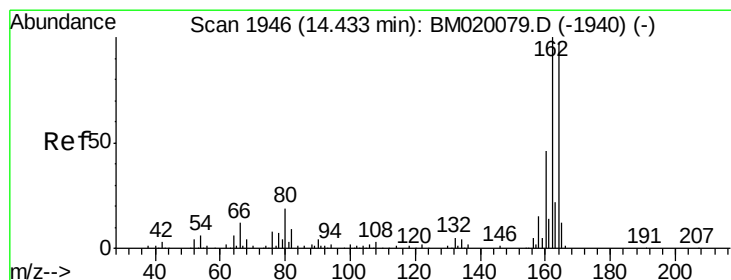
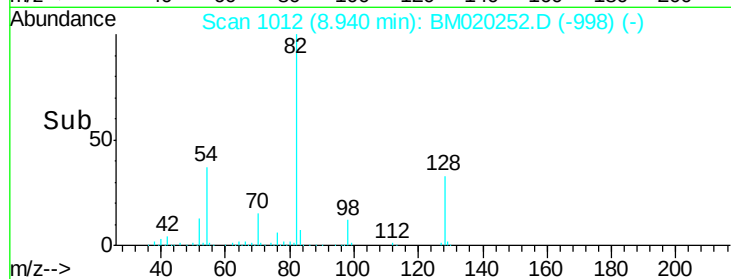
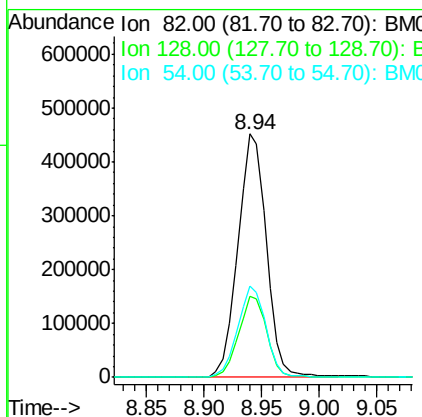
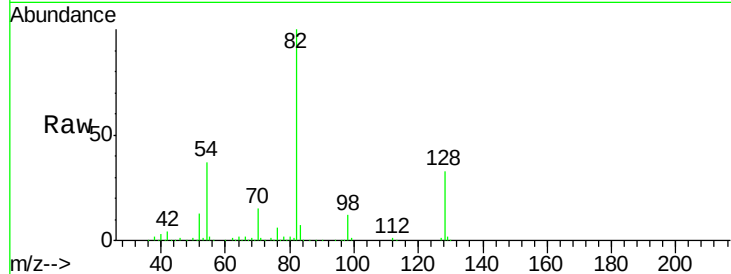
#23
Nitrobenzene-d5
Concen: 68.466 ng
RT: 8.94 min Scan# 1012
Delta R.T. -0.02 min
Lab File: BM020252.D
Acq: 10 May 2019 23:06

Instrument :
BNA_M
ClientSampleId :
C-1

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	774563		
128	33.3	25.2	37.8	
54	37.3	31.9	47.9	

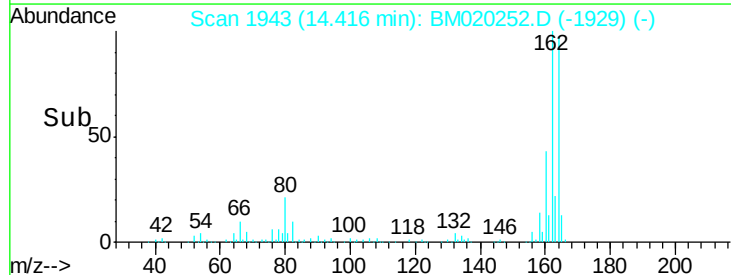
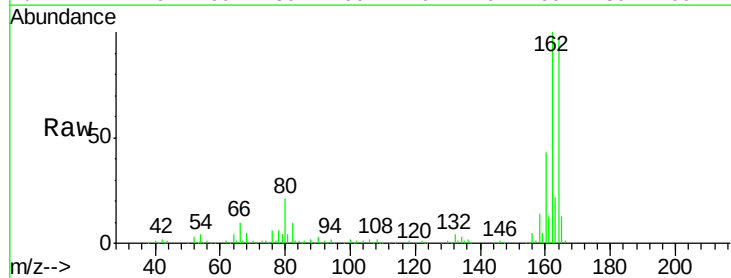
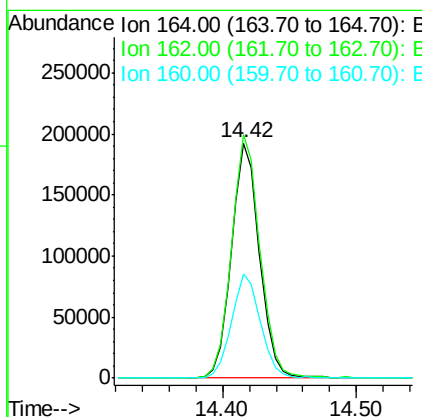
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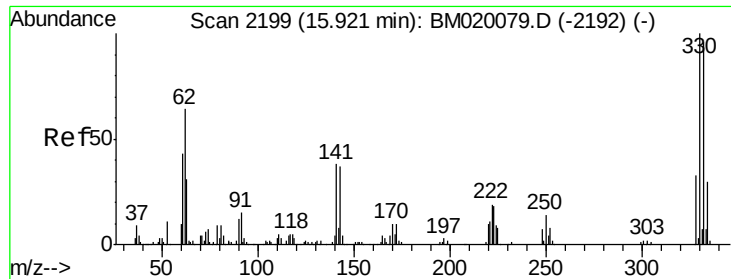
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.42 min Scan# 1943
Delta R.T. -0.02 min
Lab File: BM020252.D
Acq: 10 May 2019 23:06

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	281478		
162	103.6	82.2	123.2	
160	44.5	37.6	56.4	





#42

2,4,6-Tribromophenol

Concen: 113.293 ng

RT: 15.92 min Scan# 2198

Delta R.T. -0.01 min

Lab File: BM020252.D

Acq: 10 May 2019 23:06

Instrument :

BNA_M

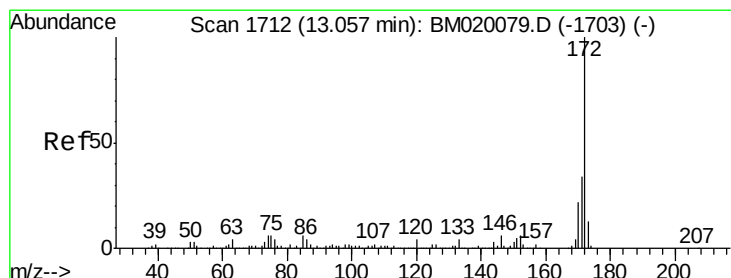
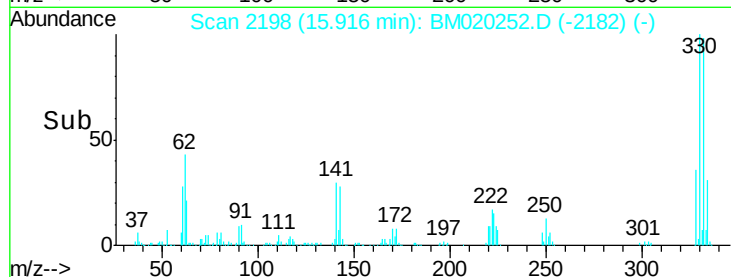
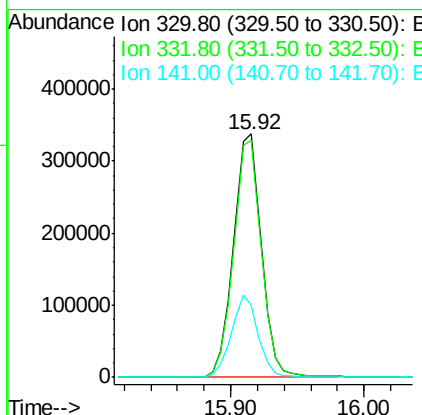
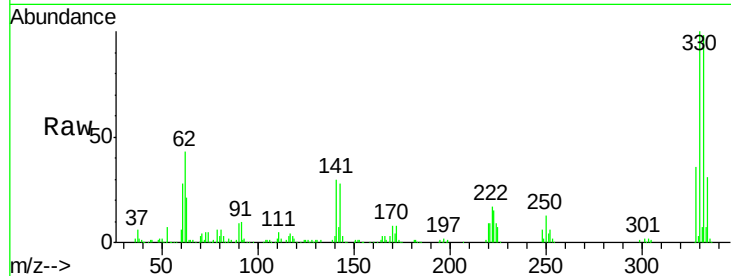
ClientSampled :

C-1

Tgt Ion:	330	Resp:	494987
Ion Ratio	Lower	Upper	
330	100		
332	97.1	76.8	115.2
141	32.4	29.2	43.8

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#45

2-Fluorobiphenyl

Concen: 70.386 ng

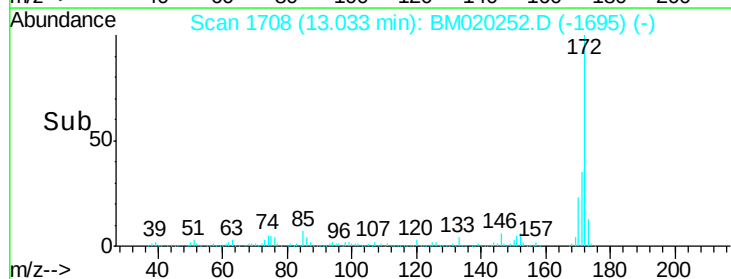
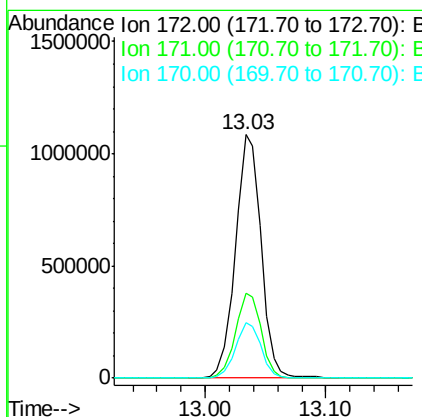
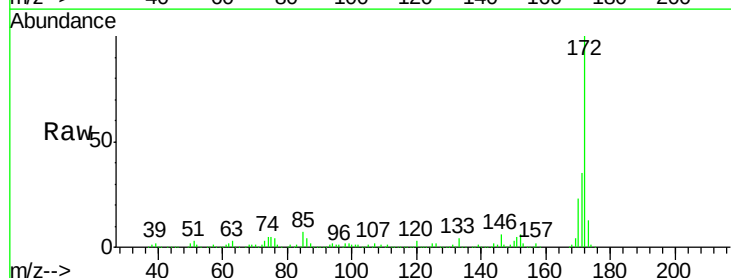
RT: 13.03 min Scan# 1708

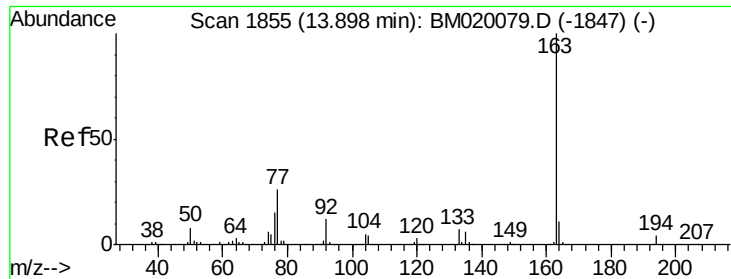
Delta R.T. -0.02 min

Lab File: BM020252.D

Acq: 10 May 2019 23:06

Tgt Ion:	172	Resp:	1610263
Ion Ratio	Lower	Upper	
172	100		
171	34.6	27.3	40.9
170	22.7	17.9	26.9





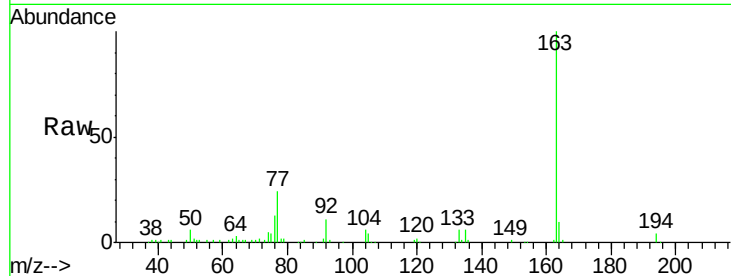
#50
Dimethylphthalate
Concen: 6.275 ng
RT: 13.87 min Scan# 1851
Delta R.T. -0.02 min
Lab File: BM020252.D
Acq: 10 May 2019 23:06

Instrument :
BNA_M
ClientSampled :
C-1

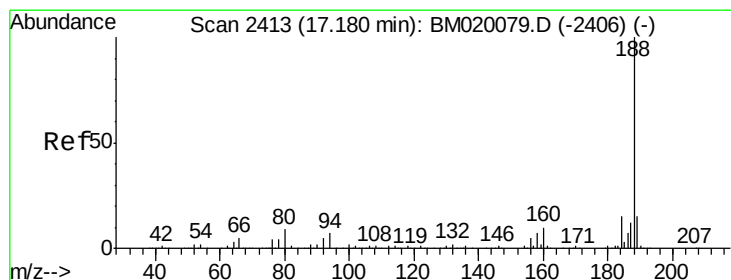
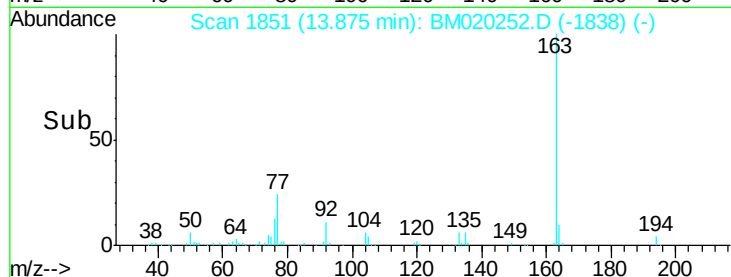
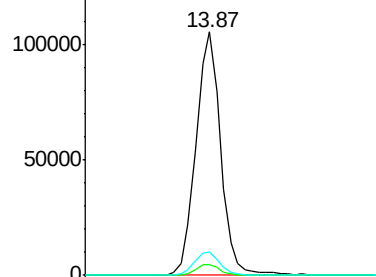
Tgt Ion	Ratio	Resp	Lower	Upper
163	100	150117		
194	4.4	3.6	5.4	
164	9.9	8.4	12.6	

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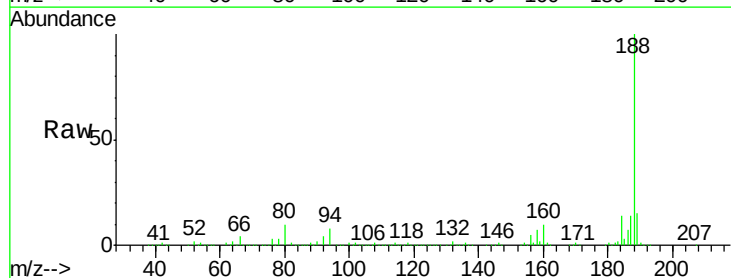


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

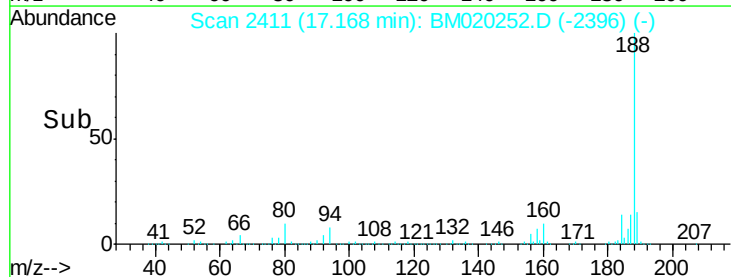
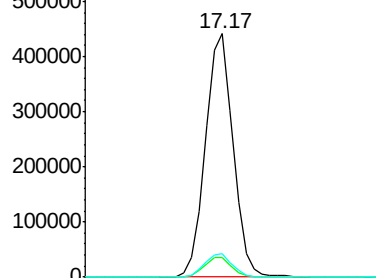


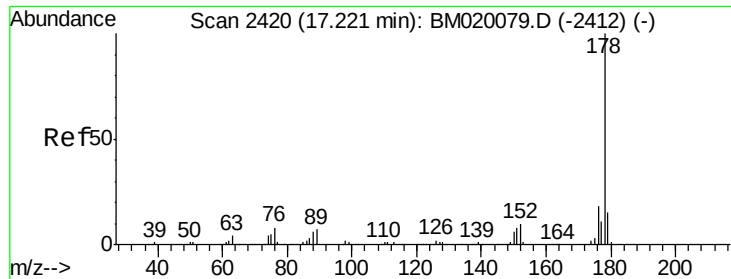
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.17 min Scan# 2411
Delta R.T. -0.01 min
Lab File: BM020252.D
Acq: 10 May 2019 23:06

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	637113		
94	7.9	5.8	8.6	
80	9.6	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





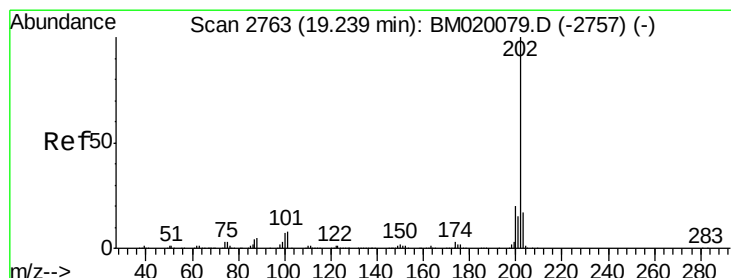
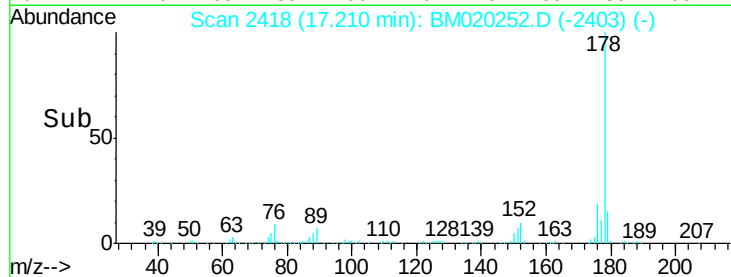
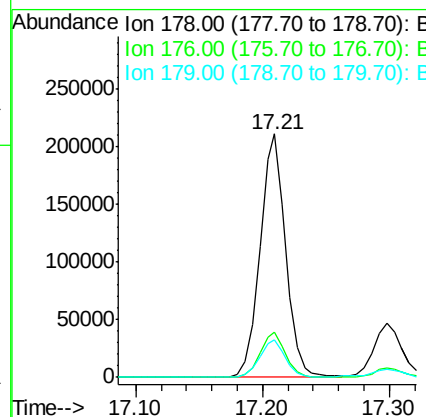
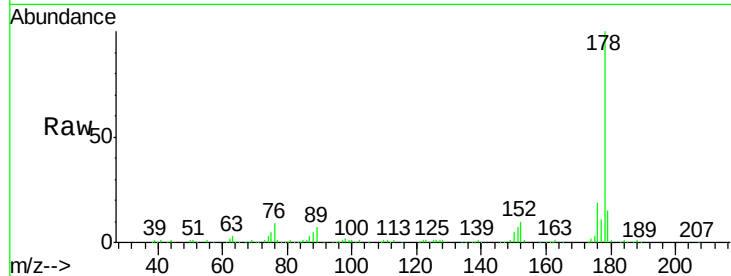
#71
Phenanthrene
Concen: 8.430 ng
RT: 17.21 min Scan# 2418
Delta R.T. -0.01 min
Lab File: BM020252.D
Acq: 10 May 2019 23:06

Instrument :
BNA_M
ClientSampleId :
C-1

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.6	21.8
179	15.3	12.4	18.6

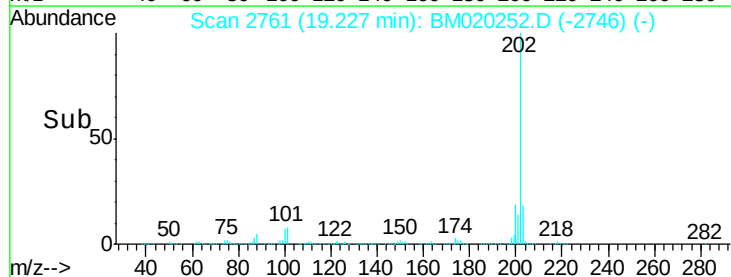
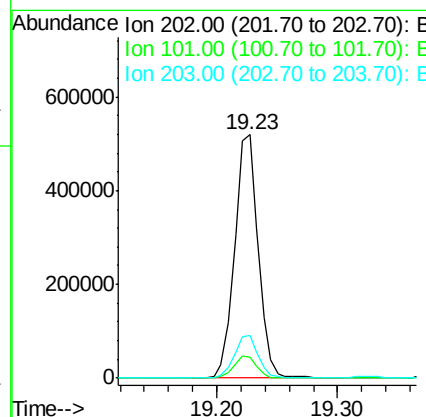
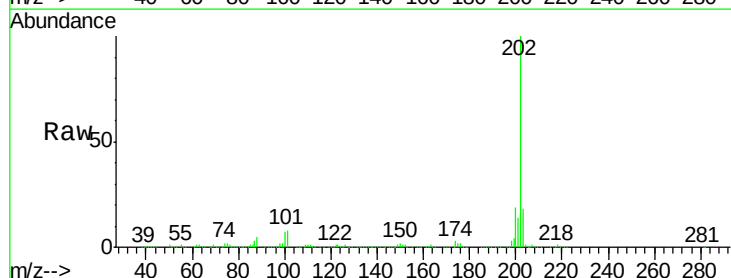
Manual Integrations
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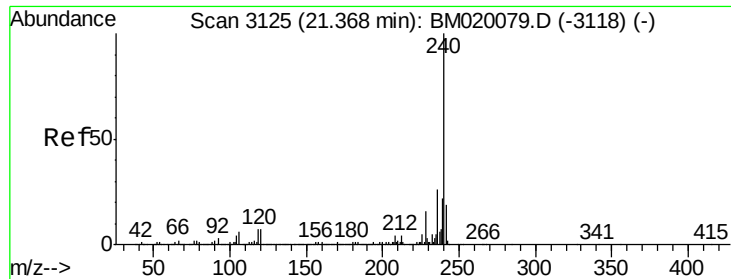
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#75
Fluoranthene
Concen: 15.887 ng
RT: 19.23 min Scan# 2761
Delta R.T. -0.01 min
Lab File: BM020252.D
Acq: 10 May 2019 23:06

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.5	0.0	28.4
203	17.7	0.0	37.4





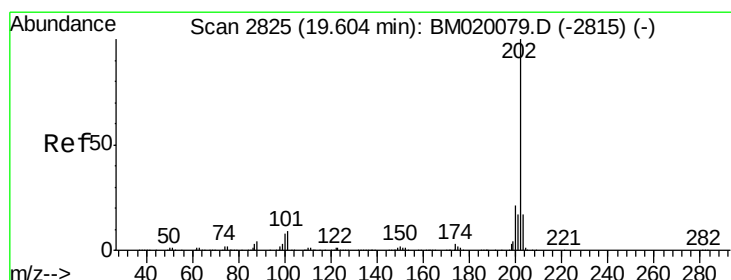
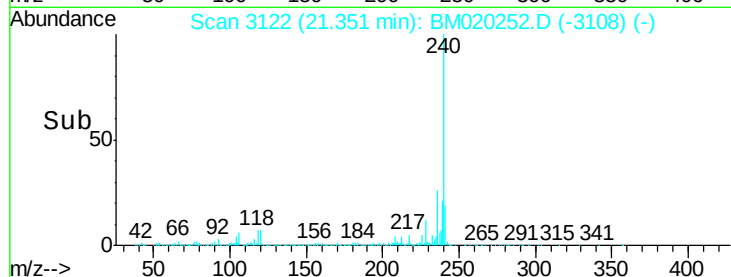
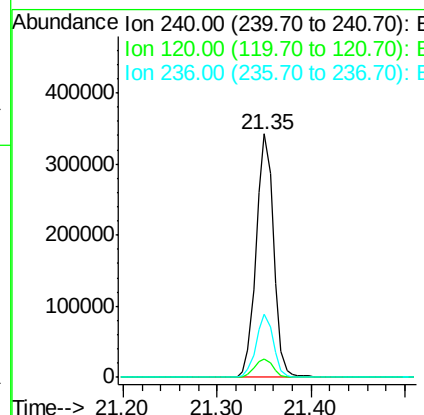
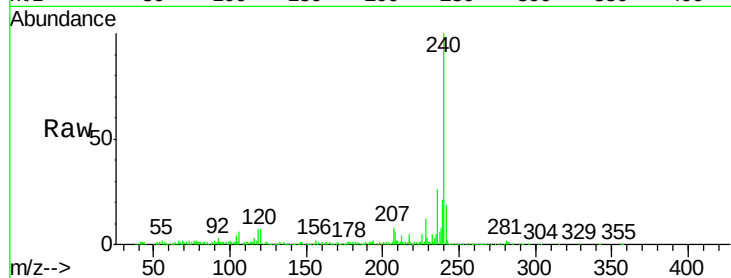
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.35 min Scan# 3122
Delta R.T. -0.02 min
Lab File: BM020252.D
Acq: 10 May 2019 23:06

Instrument :
BNA_M
ClientSampleId :
C-1

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	442823		
120	7.5	5.6	8.4	
236	25.7	20.9	31.3	

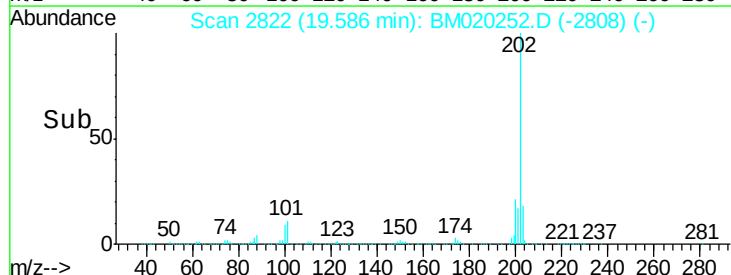
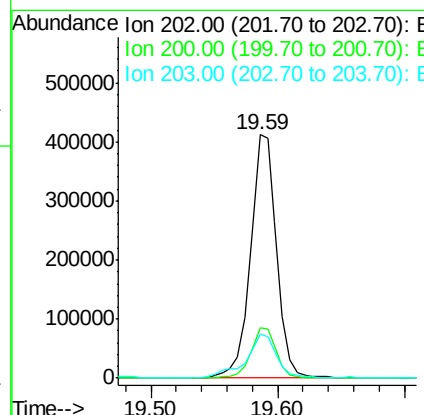
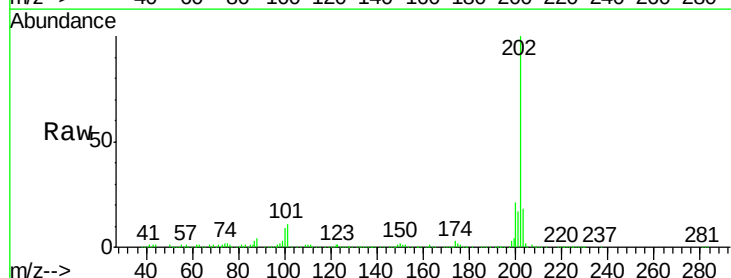
Manual Integrations
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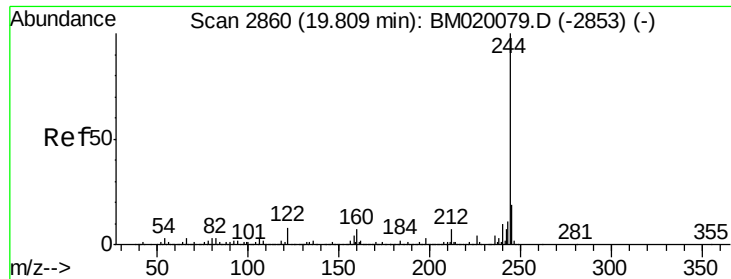
mohammad
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#78
Pyrene
Concen: 19.702 ng
RT: 19.59 min Scan# 2822
Delta R.T. -0.02 min
Lab File: BM020252.D
Acq: 10 May 2019 23:06

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	585763		
200	20.6	16.5	24.7	
203	17.9	13.9	20.9	





#79

Terphenyl-d14

Concen: 83.608 ng

RT: 19.79 min Scan# 2857

Delta R.T. -0.02 min

Lab File: BM020252.D

Acq: 10 May 2019 23:06

Instrument :

BNA_M

ClientSampled :

C-1

Tgt Ion:244 Resp: 2122645

Ion Ratio Lower Upper

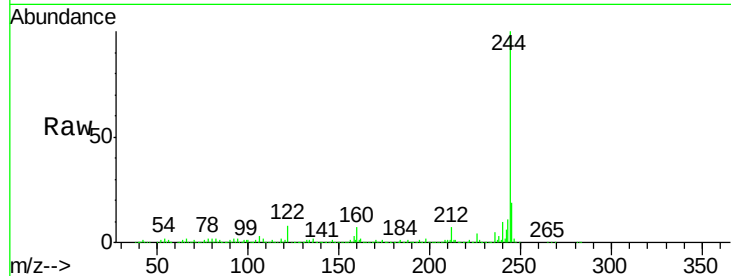
244 100

212 6.7 5.7 8.5

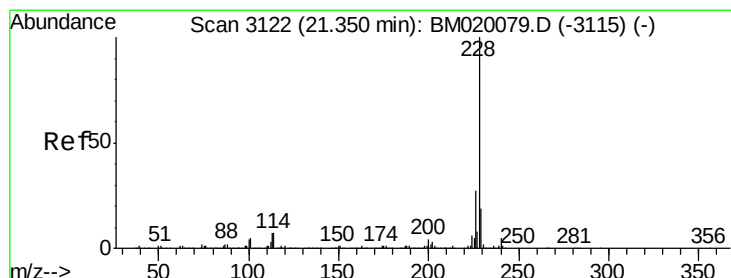
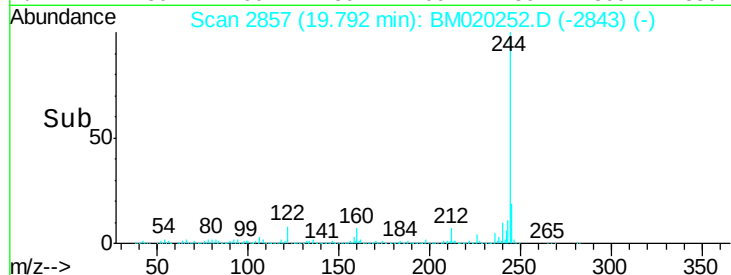
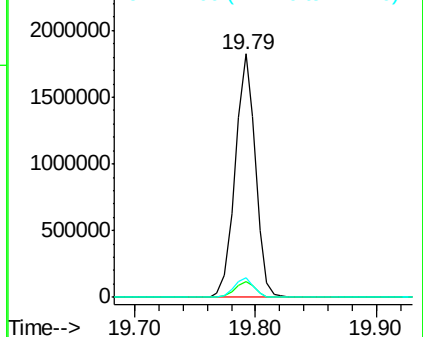
122 7.9 6.2 9.2

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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: 8.285 ng

RT: 21.33 min Scan# 3119

Delta R.T. -0.02 min

Lab File: BM020252.D

Acq: 10 May 2019 23:06

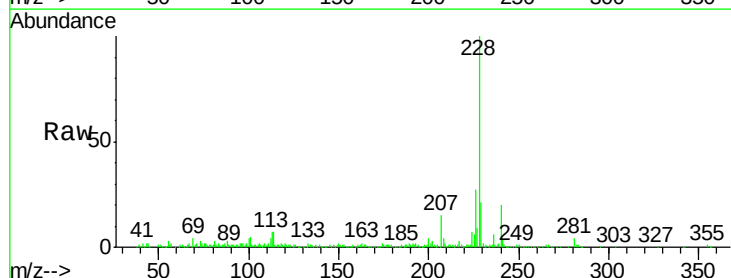
Tgt Ion:228 Resp: 257305

Ion Ratio Lower Upper

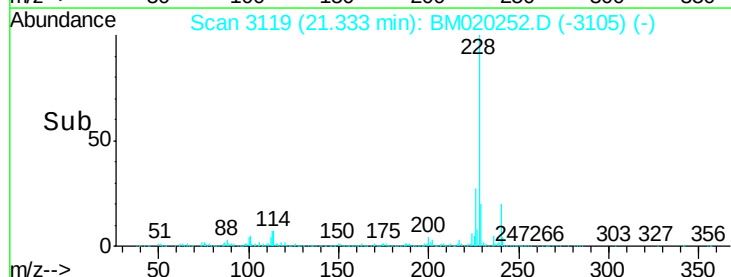
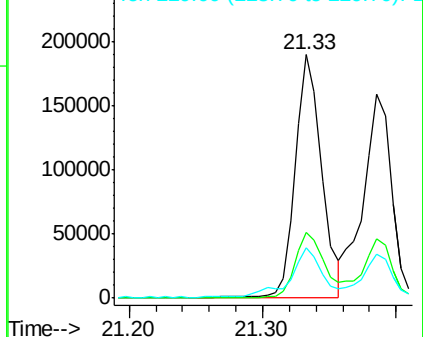
228 100

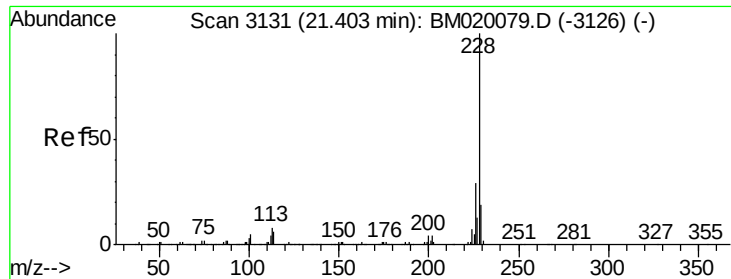
226 26.9 21.3 31.9

229 20.8 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





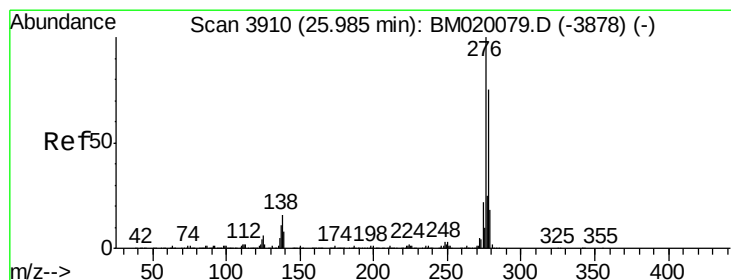
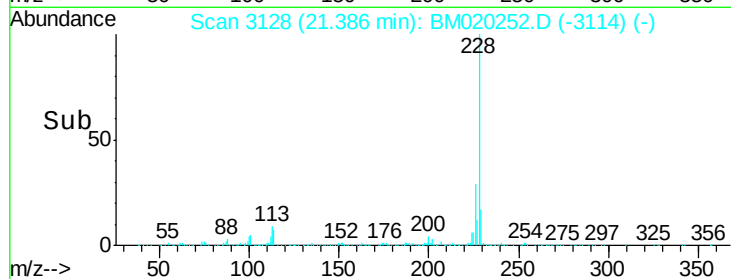
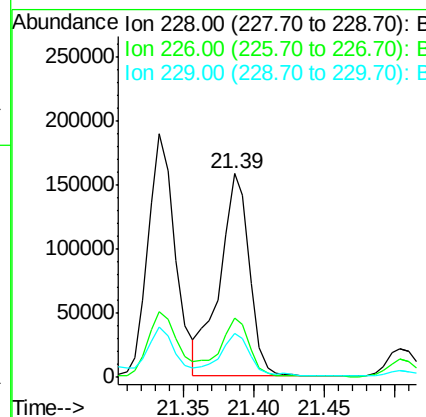
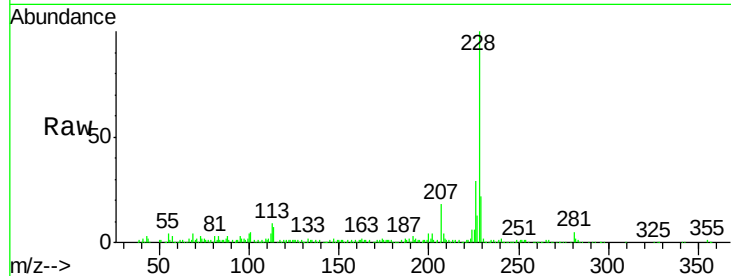
#83
Chrysene
Concen: 7.687 ng
RT: 21.39 min Scan# 3128
Delta R.T. -0.02 min
Lab File: BM020252.D
Acq: 10 May 2019 23:06

Instrument :
BNA_M
ClientSampled :
C-1

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	231518		
226	29.3	23.0	34.6	
229	21.7	15.5	23.3	

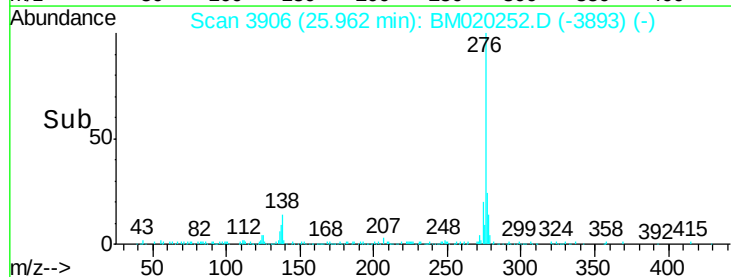
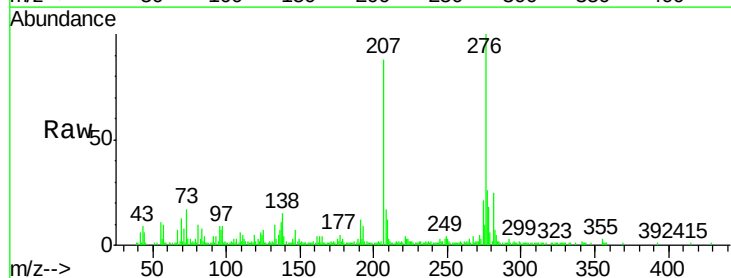
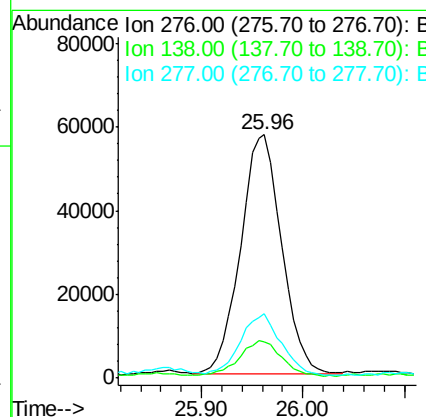
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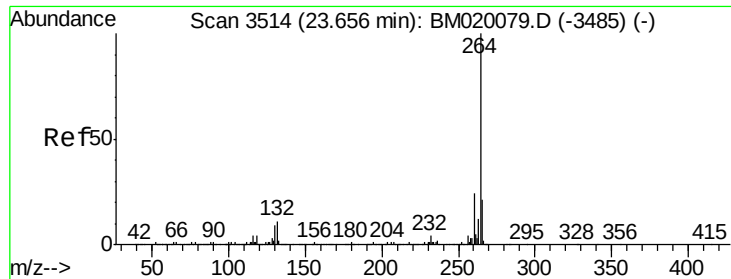
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#86
Indeno(1,2,3-cd)pyrene
Concen: 4.466 ng
RT: 25.96 min Scan# 3906
Delta R.T. -0.02 min
Lab File: BM020252.D
Acq: 10 May 2019 23:06

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	160007		
138	15.6	0.0	0.0#	
277	26.0	0.0	0.0#	





#87

Perylene-d12

Concen: 20.000 ng

RT: 23.64 min Scan# 3511

Delta R.T. -0.02 min

Lab File: BM020252.D

Acq: 10 May 2019 23:06

Instrument :

BNA_M

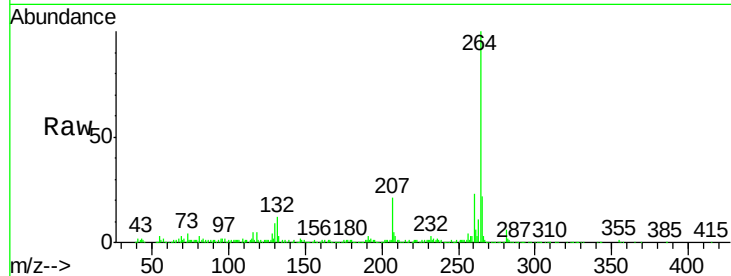
ClientSampled :

C-1

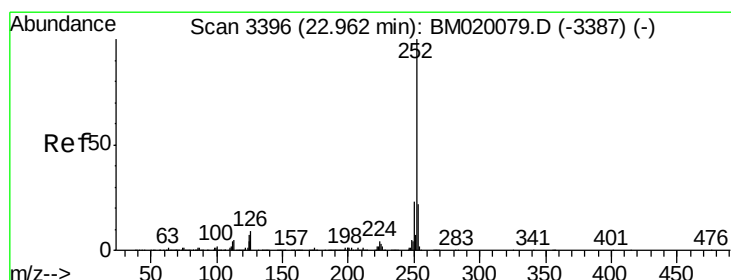
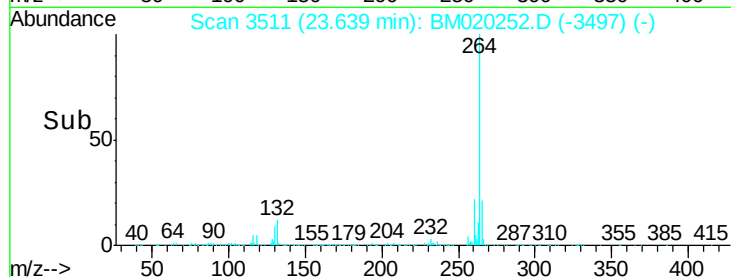
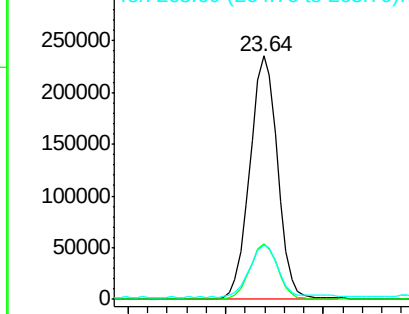
Tgt	Ion	264	Resp:	464924
	Ratio	100	Lower	Upper
	264	100		
	260	22.6	19.2	28.8
	265	22.3	16.9	25.3

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Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 9.373 ng

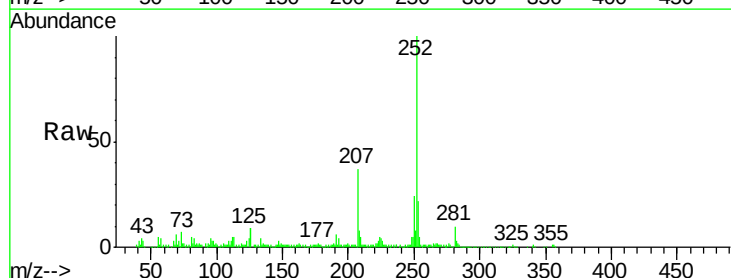
RT: 22.94 min Scan# 3393

Delta R.T. -0.02 min

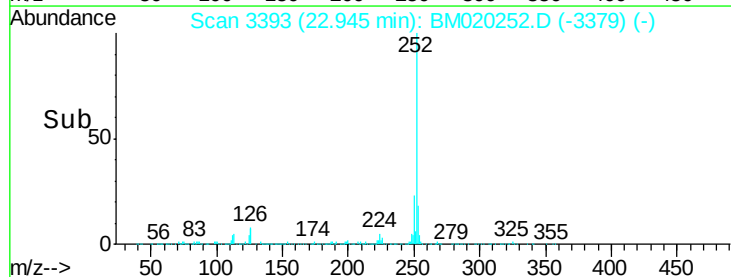
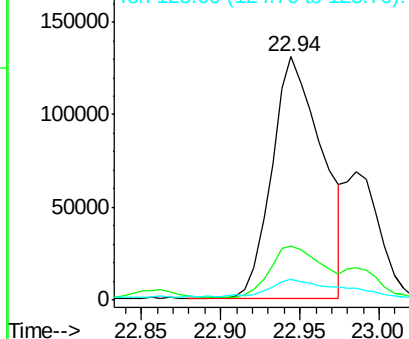
Lab File: BM020252.D

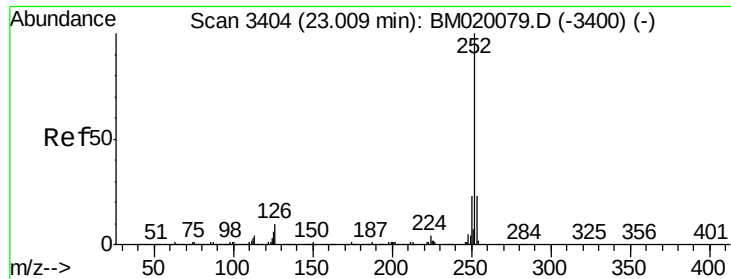
Acq: 10 May 2019 23:06

Tgt	Ion	252	Resp:	287766
	Ratio	100	Lower	Upper
	252	100		
	253	22.1	17.5	26.3
	125	8.7	5.4	8.2#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





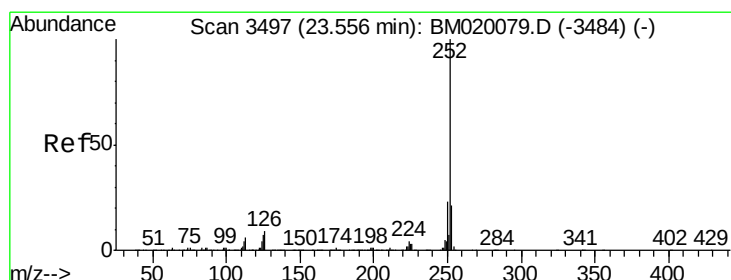
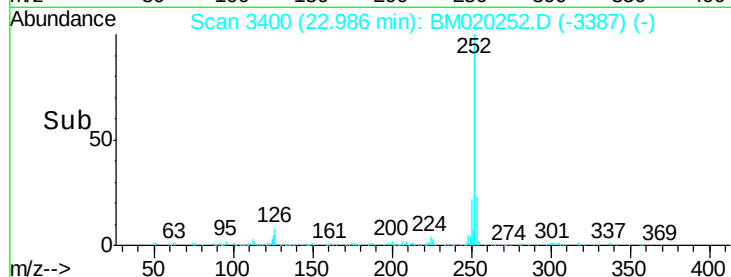
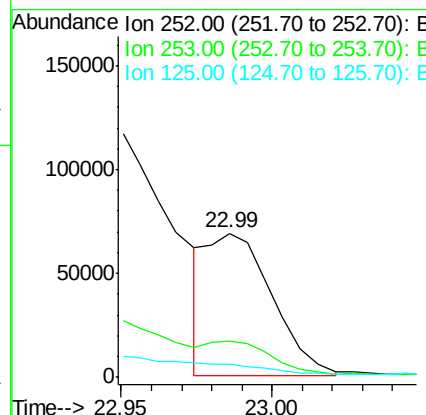
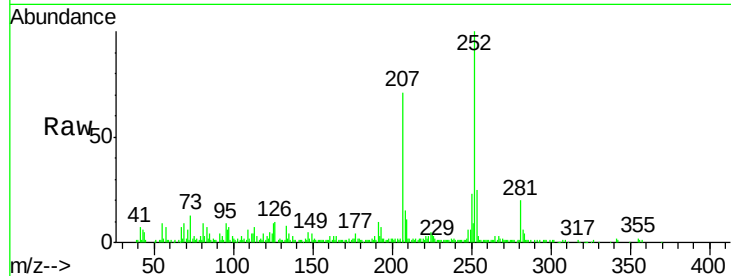
#89
Benzo(k)fluoranthene
Concen: 3.661 ng m
RT: 22.99 min Scan# 3400
Delta R.T. -0.02 min
Lab File: BM020252.D
Acq: 10 May 2019 23:06

Instrument :
BNA_M
ClientSampleId :
C-1

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.7	17.8	26.8
125	9.1	5.4	8.0

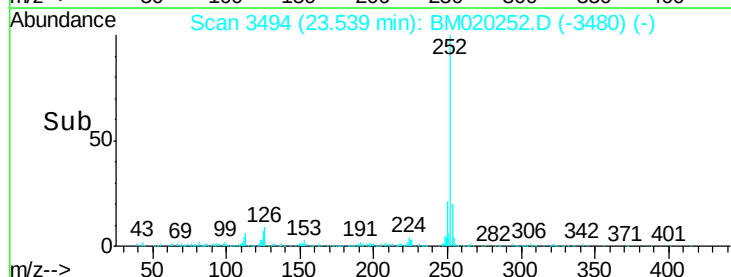
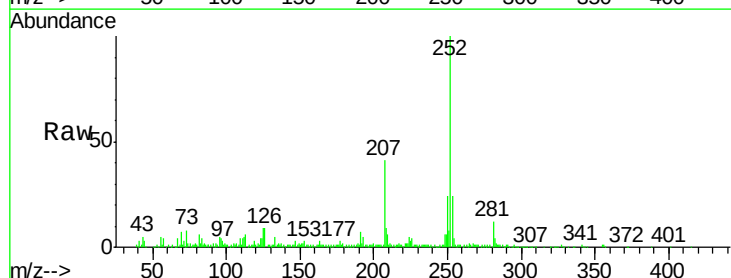
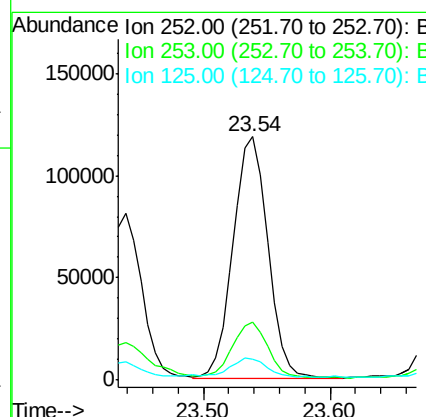
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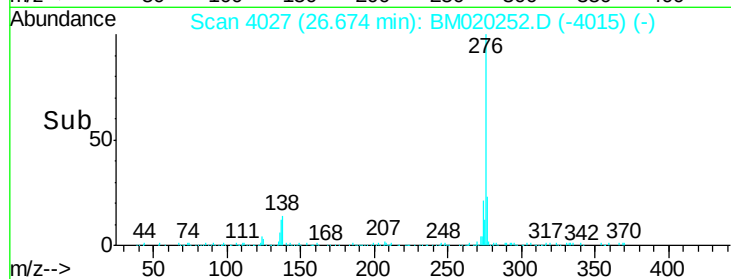
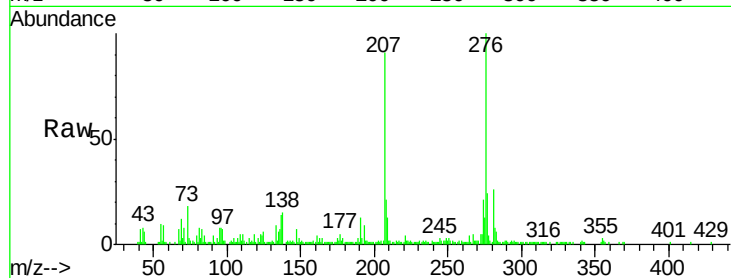
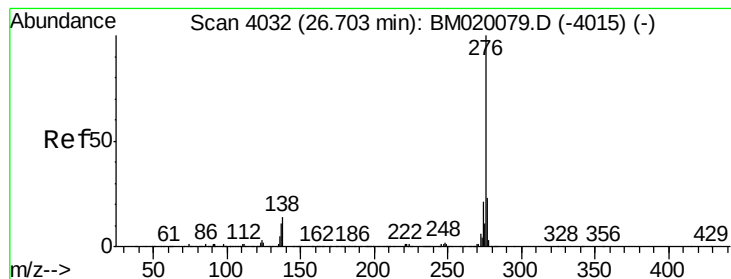
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#90
Benzo(a)pyrene
Concen: 8.048 ng
RT: 23.54 min Scan# 3494
Delta R.T. -0.02 min
Lab File: BM020252.D
Acq: 10 May 2019 23:06

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.0	25.6
125	8.6	5.5	8.3





#92

Benzo(g,h,i)perylene

Concen: 6.183 ng

RT: 26.67 min Scan# 4027

Delta R.T. -0.03 min

Lab File: BM020252.D

Acq: 10 May 2019 23:06

Tgt	Ion	Ratio	Resp	Lower	Upper
276	100		170232		
277	24.5	18.4	27.6		
138	15.0	11.1	16.7		

Instrument :

BNA_M

ClientSampleId :

C-1

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