

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080818\
 Data File : BM016253.D
 Acq On : 08 Aug 2018 17:05
 Operator : SJ/JU
 Sample : J4313-11
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C-10

Manual Integrations
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Sohil
 8/9/2018 2:23:55 PM

Quant Time: Aug 09 04:13:50 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM072318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 08 16:23:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	43553	20.00	ng	0.00
21) Naphthalene-d8	10.95	136	158177	20.00	ng	0.00
38) Acenaphthene-d10	14.77	164	75173	20.00	ng	0.00
63) Phenanthrene-d10	17.51	188	148760	20.00	ng	0.00
75) Chrysene-d12	21.64	240	162236	20.00	ng	0.00
86) Perylene-d12	23.98	264	180191	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	236711	90.28	ng	0.00
7) Phenol-d6	7.30	99	283908	82.92	ng	0.00
23) Nitrobenzene-d5	9.32	82	208361	61.27	ng	0.00
41) 2,4,6-Tribromophenol	16.26	330	74862	78.52	ng	0.00
44) 2-Fluorobiphenyl	13.39	172	375836	60.83	ng	0.00
78) Terphenyl-d14	20.09	244	479429	61.86	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.23	163	28974	4.404	ng	Qvalue # 97
70) Phenanthrene	17.55	178	59409	7.133	ng	97
74) Fluoranthene	19.54	202	97522	10.497	ng	98
77) Pyrene	19.90	202	83914	8.631	ng	98
80) Benzo(a)anthracene	21.62	228	59632	5.968	ng	97
82) Chrysene	21.67	228	50204	5.238	ng	96
85) Indeno(1,2,3-cd)pyrene	26.36	276	37912	3.333	ng	# 84
87) Benzo(b)fluoranthene	23.27	252	75570	7.123	ng	97
88) Benzo(k)fluoranthene	23.32	252	24837m	2.310	ng	
89) Benzo(a)pyrene	23.87	252	50092	4.911	ng	92
91) Benzo(g,h,i)perylene	27.10	276	38688	3.871	ng	# 93

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

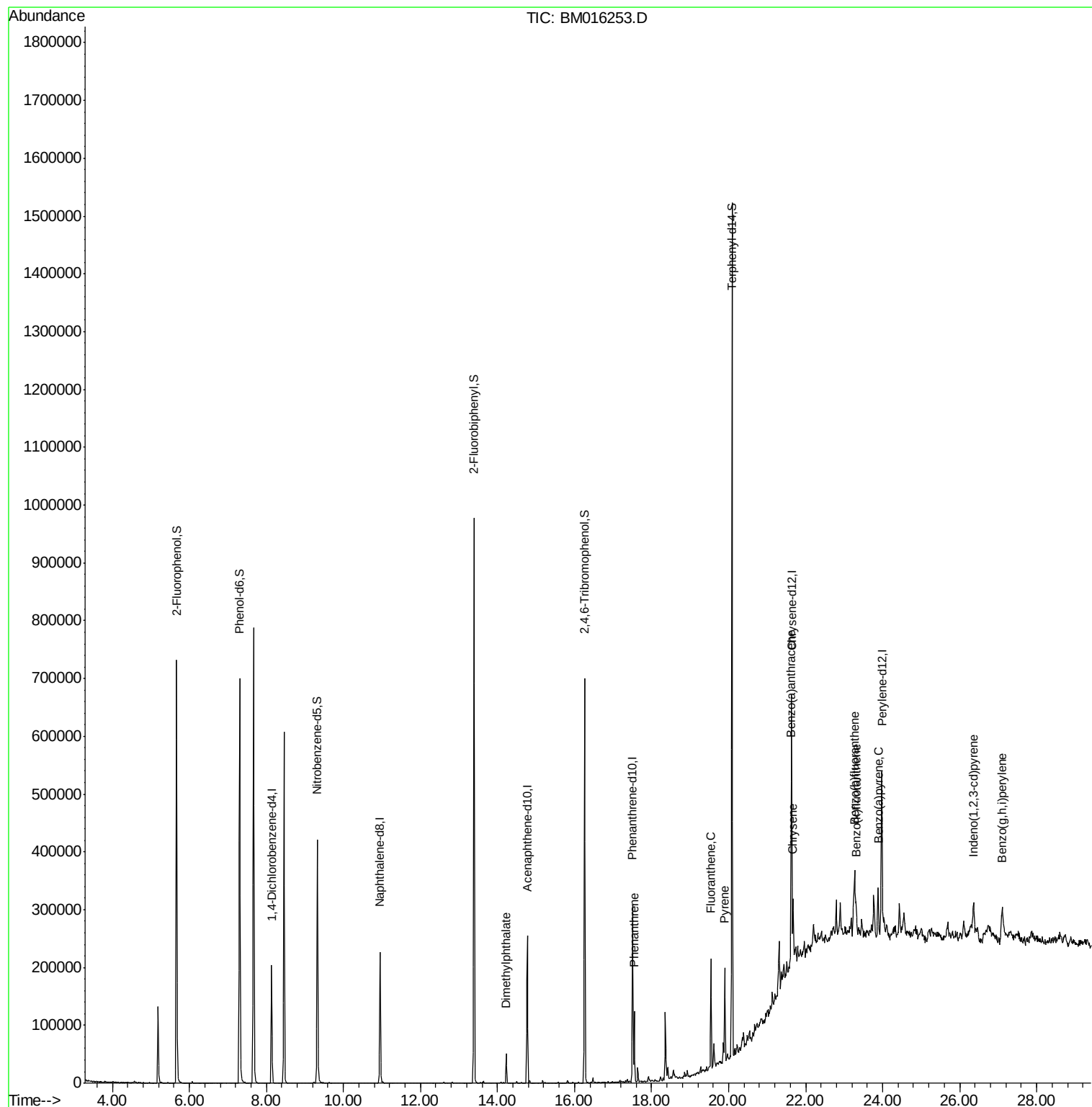
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080818\
Data File : BM016253.D
Acq On : 08 Aug 2018 17:05
Operator : SJ/JU
Sample : J4313-11
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ALS Vial : 11 Sample Multiplier: 1

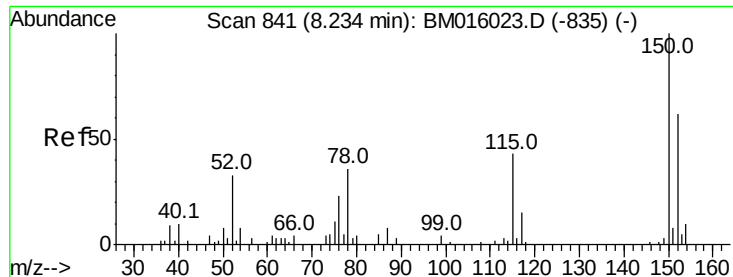
Instrument :
BNA_M
ClientSampled :
C-10

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Quant Time: Aug 09 04:13:50 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM072318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





#1

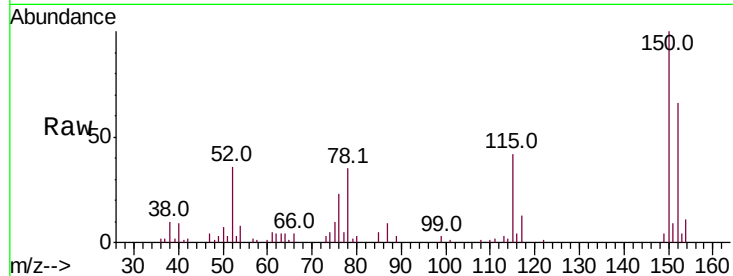
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.14 min Scan# 825
Delta R.T. 0.01 min
Lab File: BM016253.D
Acq: 08 Aug 2018 17:05

Instrument :
BNA_M
ClientSampled :
C-10

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.5	119.5	179.3
115	64.6	43.0	64.4#

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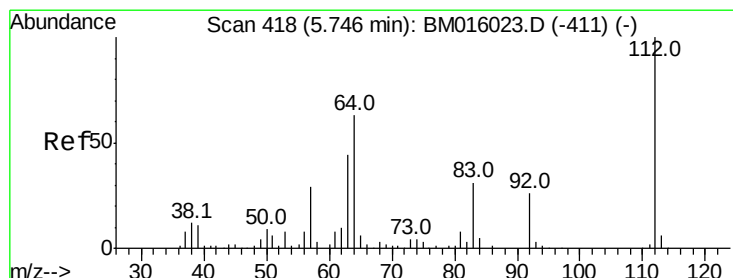
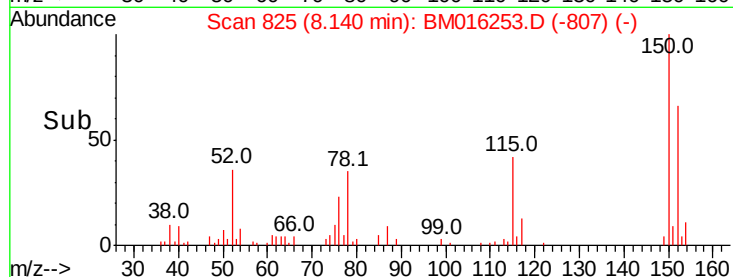
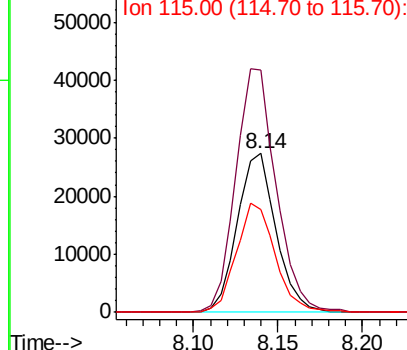


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

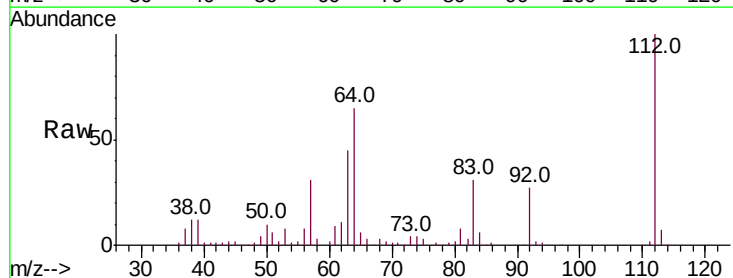
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: N.D. ng
RT: 5.66 min Scan# 404
Delta R.T. 0.00 min
Lab File: BM016253.D
Acq: 08 Aug 2018 17:05

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.7	38.6	57.8#
63	44.9	19.3	28.9#

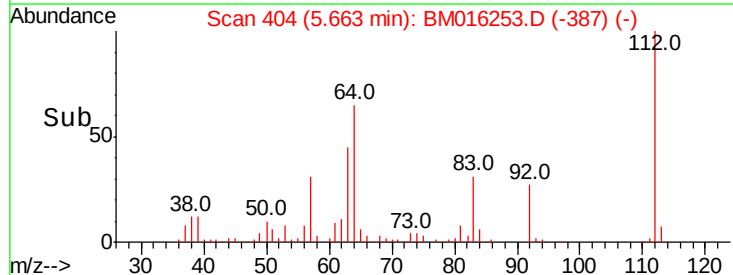
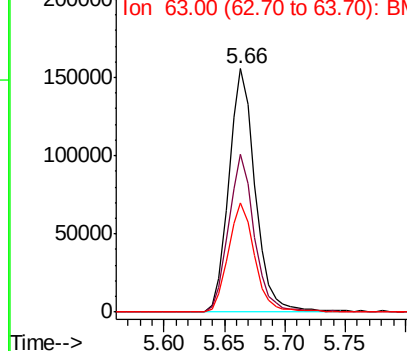


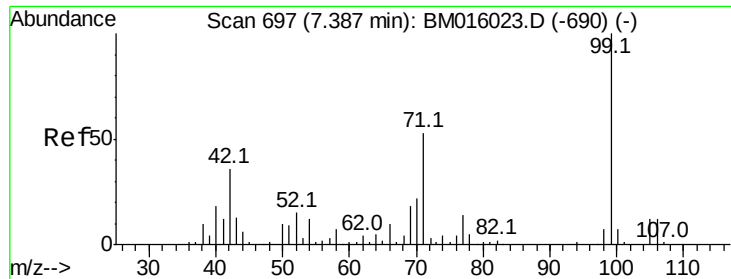
Abundance

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: N.D. ng

RT: 7.30 min Scan# 683

Delta R.T. 0.00 min

Lab File: BM016253.D

Acq: 08 Aug 2018 17:05

Instrument :

BNA_M

ClientSampled :

C-10

Tot Ion: 99 Resp: 283908

Ion Ratio Lower Upper

99 100

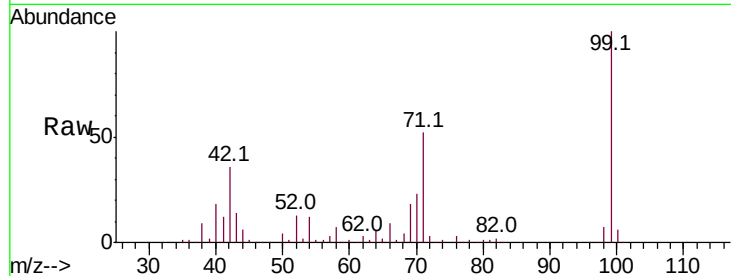
42 35.6 11.0 16.4#

71 51.9 23.4 35.2#

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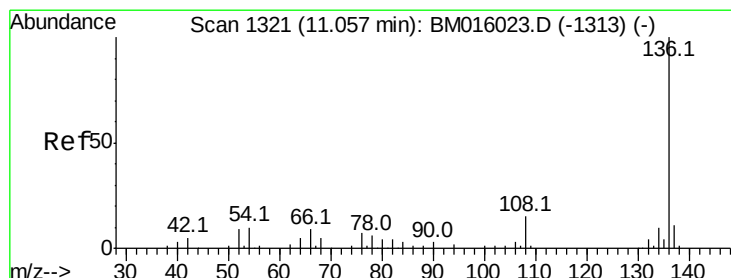
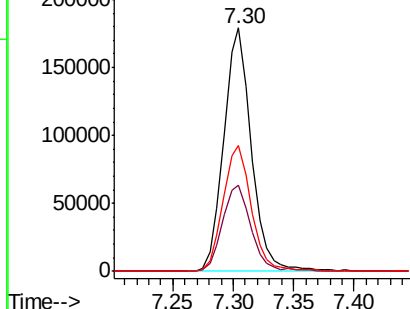
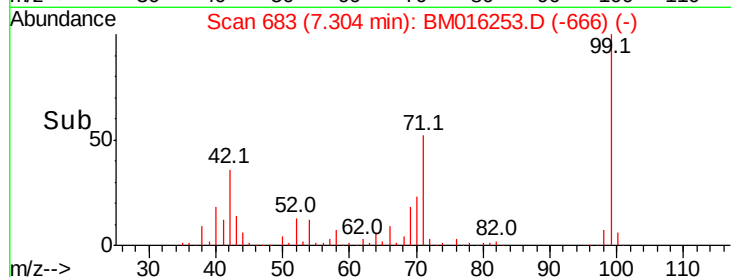
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Abundance Ion 99.00 (98.70 to 99.70): BM016253.D (-690) (-)

Ion 42.00 (41.70 to 42.70): BM016253.D (-690) (-)

Ion 71.00 (70.70 to 71.70): BM016253.D (-690) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.95 min Scan# 1303

Delta R.T. 0.00 min

Lab File: BM016253.D

Acq: 08 Aug 2018 17:05

Tgt Ion: 136 Resp: 158177

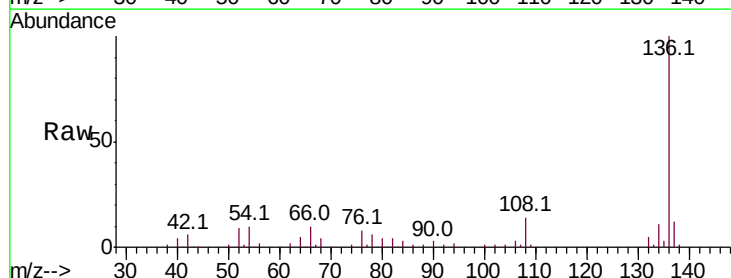
Ion Ratio Lower Upper

136 100

137 11.5 8.7 13.1

54 9.7 4.6 6.8#

68 4.4 3.7 5.5

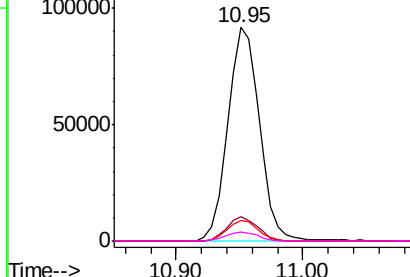
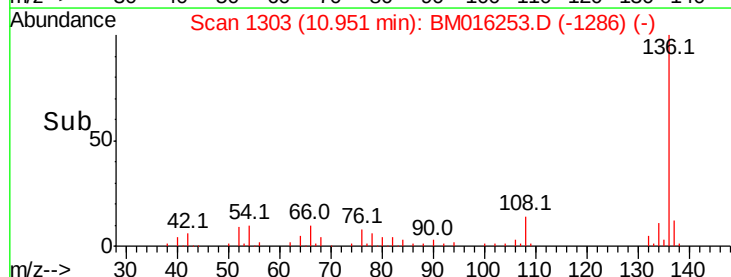


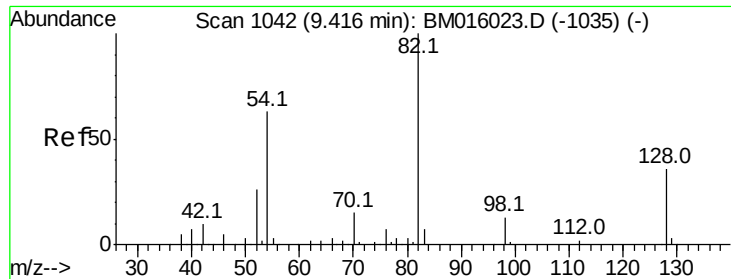
Abundance Ion 136.00 (135.70 to 136.70): BM016253.D (-1286) (-)

Ion 137.00 (136.70 to 137.70): BM016253.D (-1286) (-)

Ion 54.00 (53.70 to 54.70): BM016253.D (-1286) (-)

Ion 68.00 (67.70 to 68.70): BM016253.D (-1286) (-)





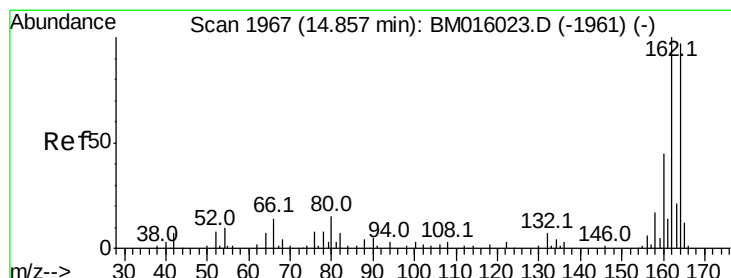
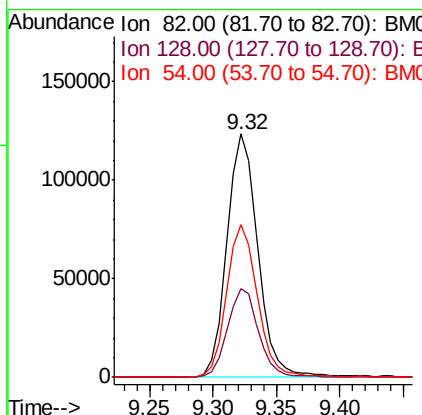
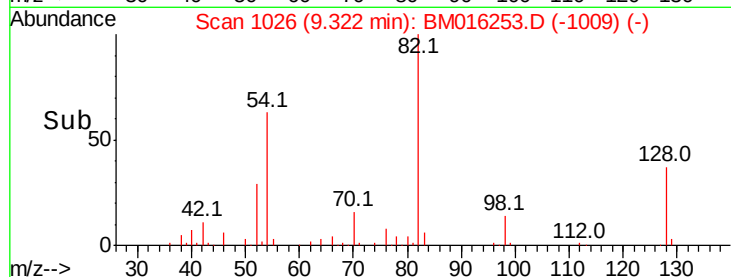
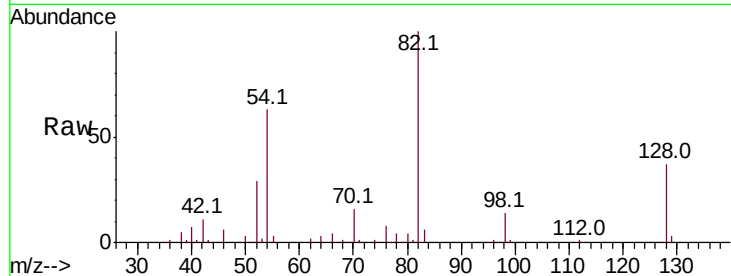
#23
Nitrobenzene-d5
Concen: N.D. ng
RT: 9.32 min Scan# 1026
Delta R.T. 0.00 min
Lab File: BM016253.D
Acq: 08 Aug 2018 17:05

Instrument :
BNA_M
ClientSampled :
C-10

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	36.7	32.8	49.2	
54	62.9	40.6	60.8	

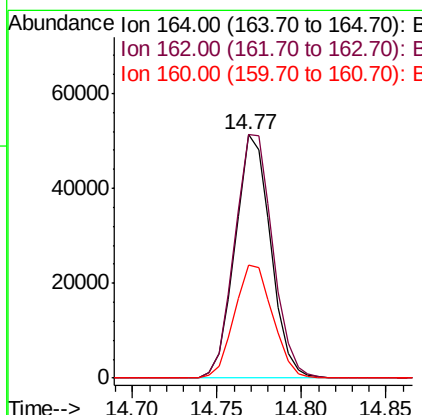
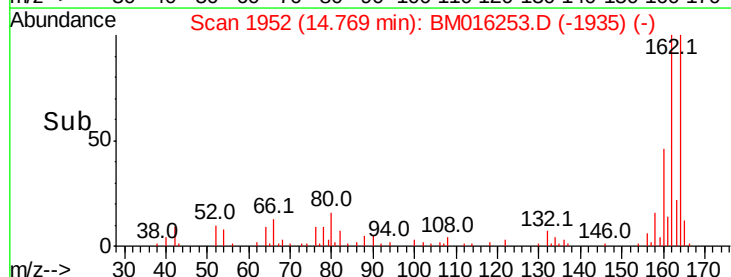
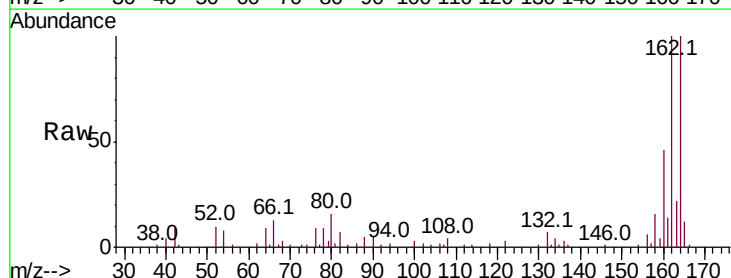
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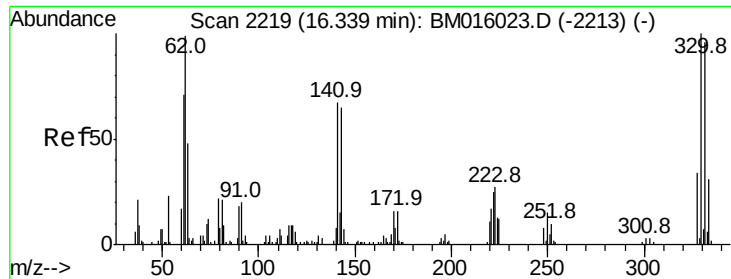
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.77 min Scan# 1952
Delta R.T. 0.00 min
Lab File: BM016253.D
Acq: 08 Aug 2018 17:05

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	100.0	82.4	123.6	
160	46.4	35.8	53.6	





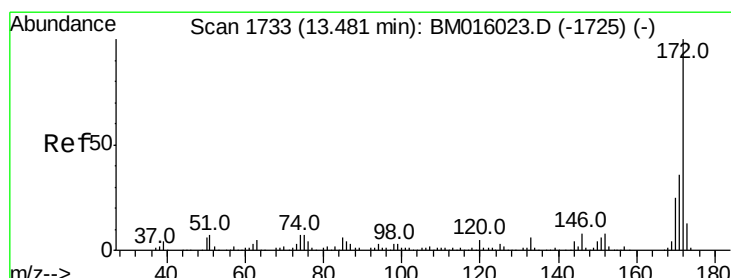
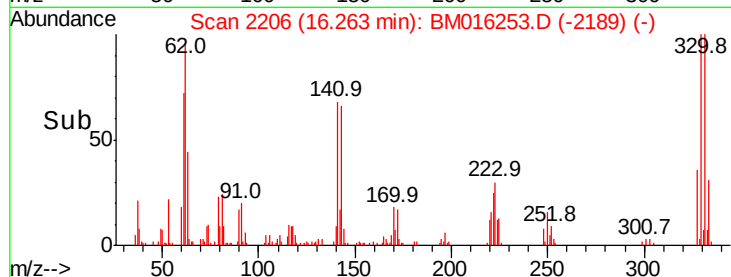
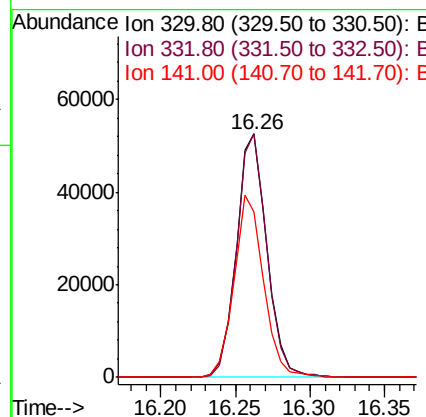
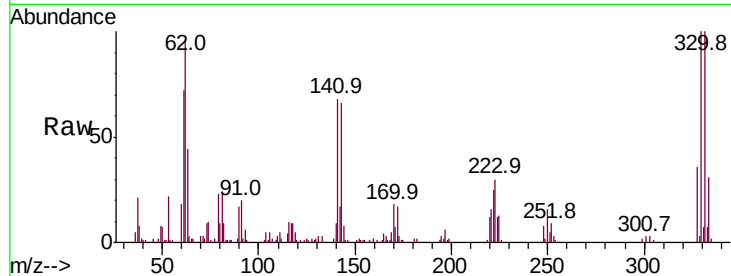
#41
 2,4,6-Tribromophenol
 Concen: N.D. ng
 RT: 16.26 min Scan# 2206
 Delta R.T. 0.00 min
 Lab File: BM016253.D
 Acq: 08 Aug 2018 17:05

Instrument :
 BNA_M
 ClientSampled :
 C-10

Tot Ion	Ratio	Resp Lower	Upper
330	100		
332	99.4	0.0	0.0#
141	73.0	0.0	0.0#

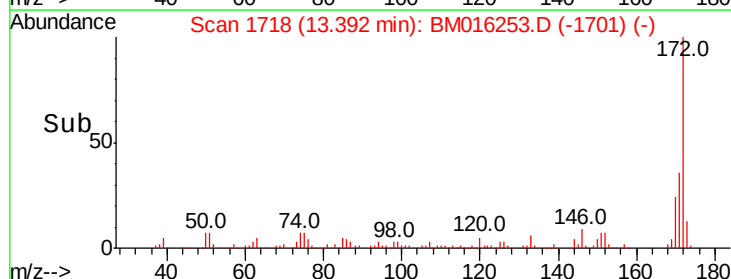
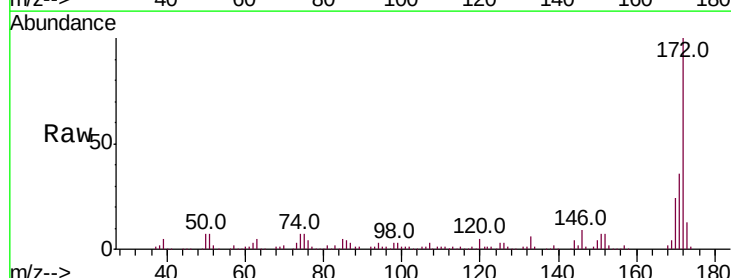
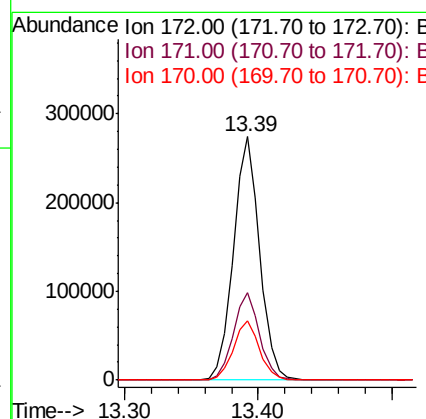
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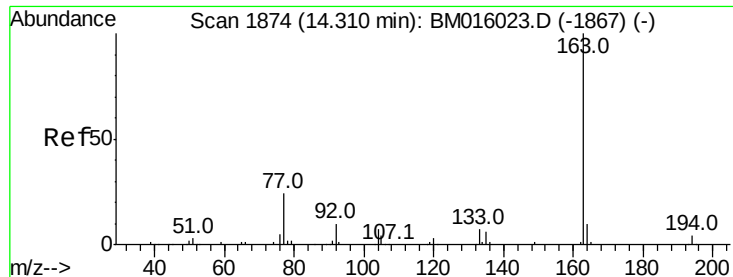
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#44
 2-Fluorobiphenyl
 Concen: N.D. ng
 RT: 13.39 min Scan# 1718
 Delta R.T. 0.00 min
 Lab File: BM016253.D
 Acq: 08 Aug 2018 17:05

Tgt Ion	Ratio	Resp Lower	Upper
172	100		
171	36.2	28.5	42.7
170	24.4	18.8	28.2





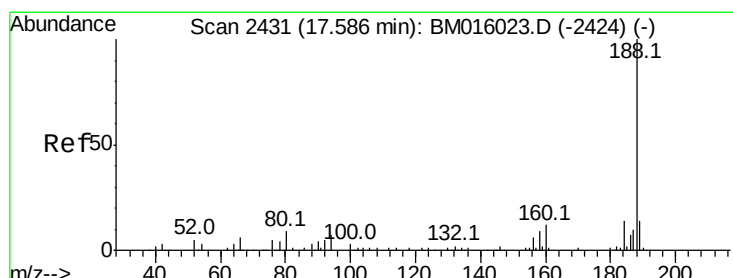
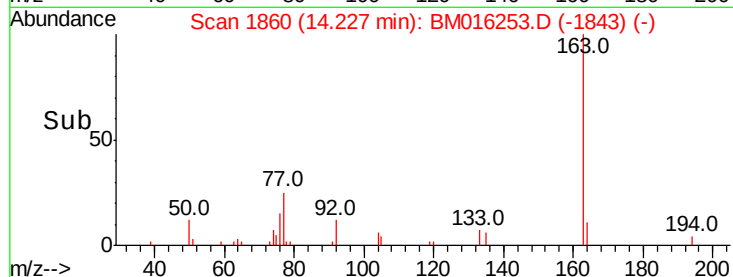
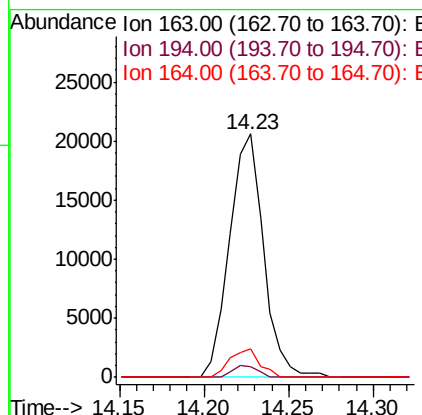
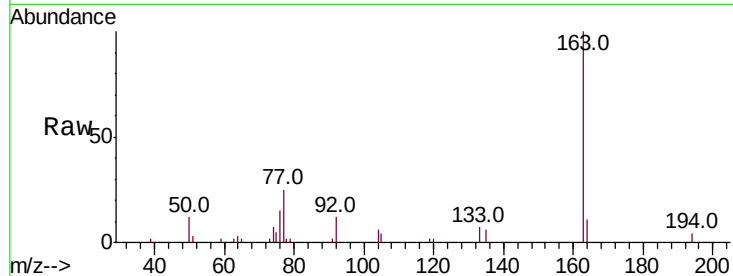
#49
Dimethylphthalate
Concen: 4.404 ng
RT: 14.23 min Scan# 1860
Delta R.T. 0.00 min
Lab File: BM016253.D
Acq: 08 Aug 2018 17:05

Instrument :
BNA_M
ClientSampled :
C-10

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.4	2.7	4.1#
164	11.5	8.2	12.2

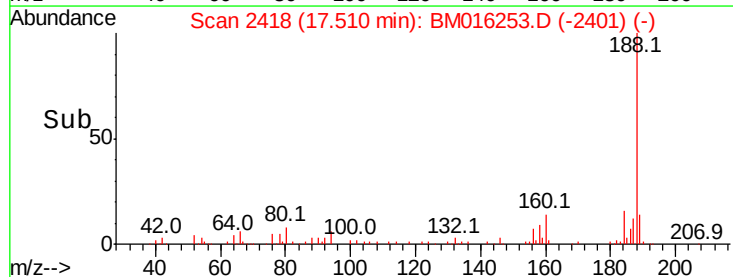
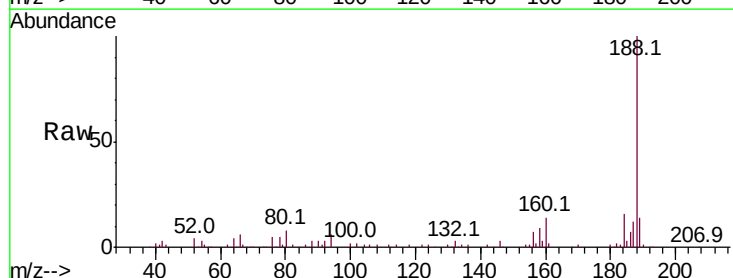
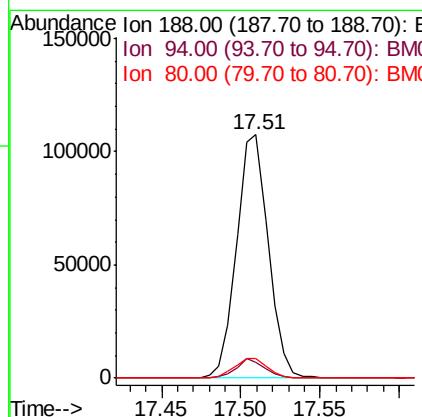
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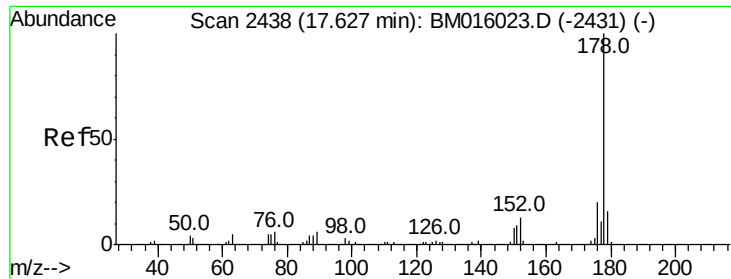
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.51 min Scan# 2418
Delta R.T. 0.00 min
Lab File: BM016253.D
Acq: 08 Aug 2018 17:05

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.3	8.7	13.1#
80	8.2	9.3	13.9#





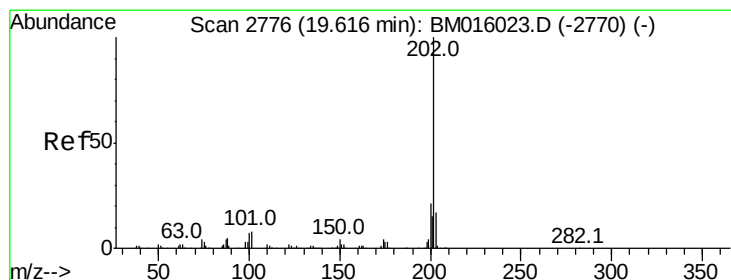
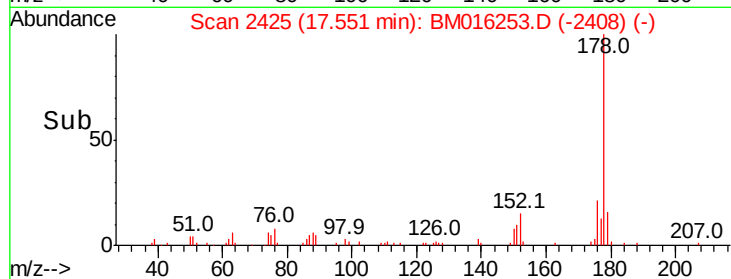
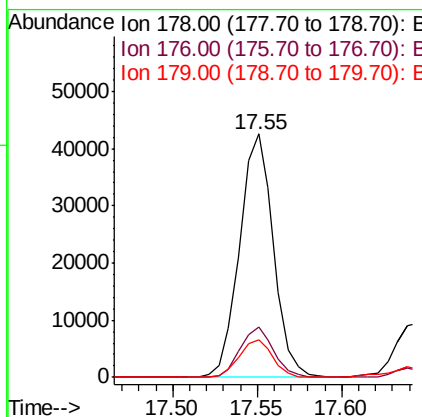
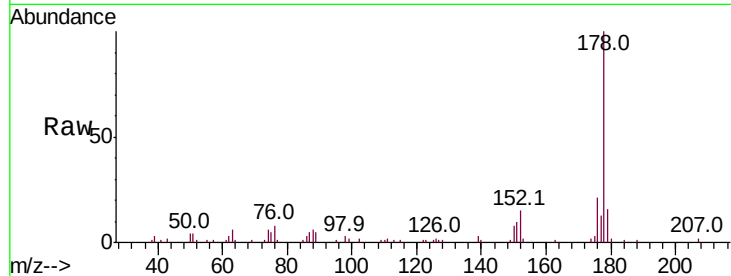
#70
 Phenanthrene
 Concen: 7.133 ng
 RT: 17.55 min Scan# 2425
 Delta R.T. 0.00 min
 Lab File: BM016253.D
 Acq: 08 Aug 2018 17:05

Instrument :
 BNA_M
 ClientSampleId :
 C-10

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.9	15.2	22.8
179	15.6	12.1	18.1

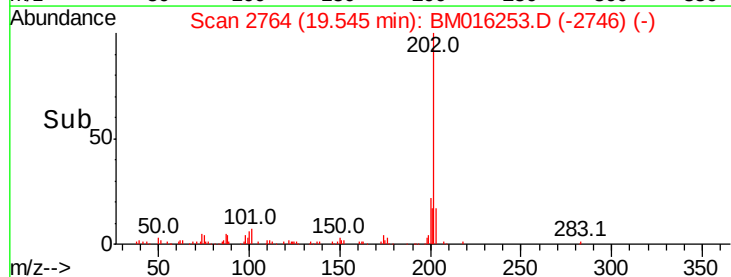
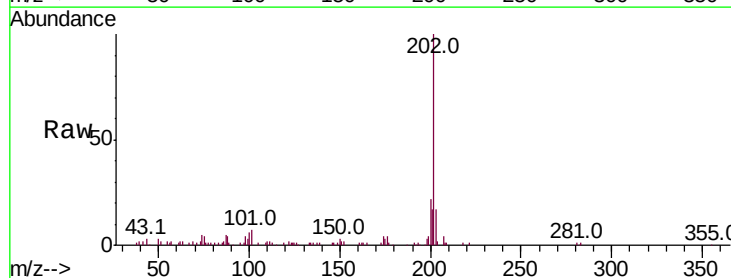
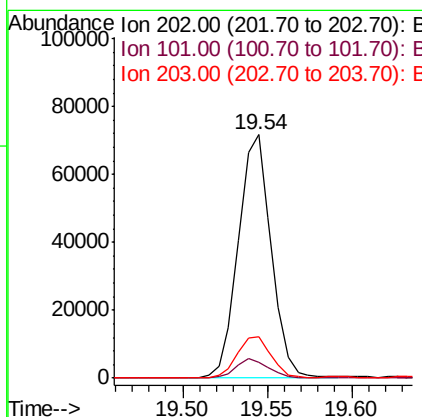
Manual Integrations
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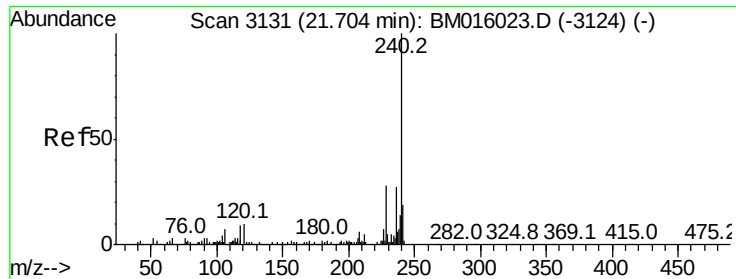
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#74
 Fluoranthene
 Concen: 10.497 ng
 RT: 19.54 min Scan# 2764
 Delta R.T. 0.01 min
 Lab File: BM016253.D
 Acq: 08 Aug 2018 17:05

Tgt Ion	Ratio	Lower	Upper
202	100		
101	6.7	0.0	28.7
203	17.1	0.0	37.2





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.64 min Scan# 3120

Delta R.T. 0.00 min

Lab File: BM016253.D

Acq: 08 Aug 2018 17:05

Instrument :

BNA_M

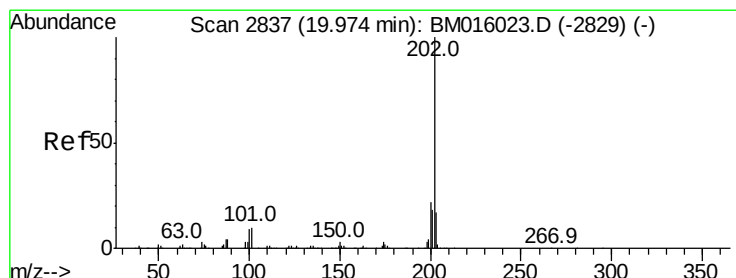
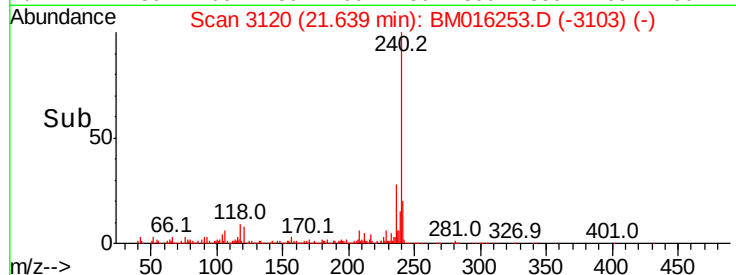
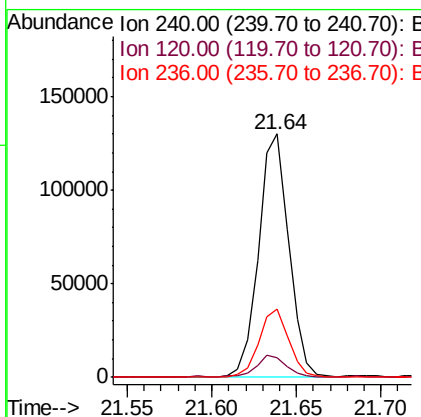
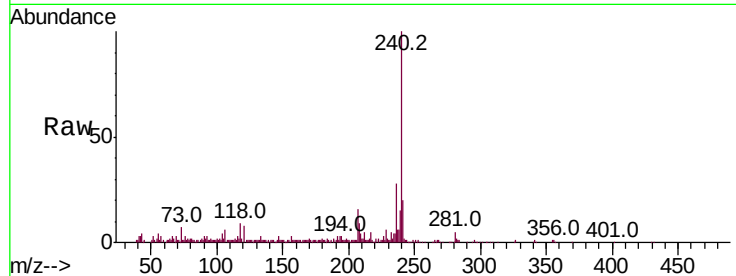
ClientSampleId :

C-10

Tot Ion:	240	Resp:	162236
Ion Ratio	Lower	Upper	
240	100		
120	8.3	8.2	12.2
236	27.8	20.0	30.0

Manual Integrations
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#77

Pyrene

Concen: 8.631 ng

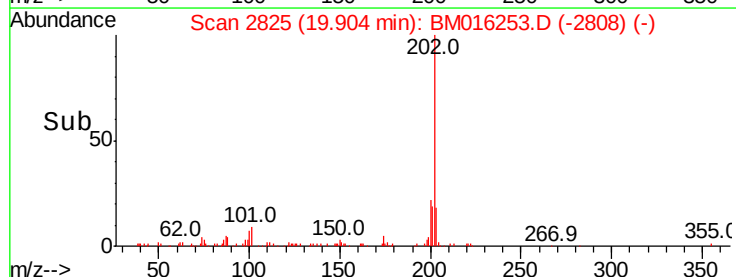
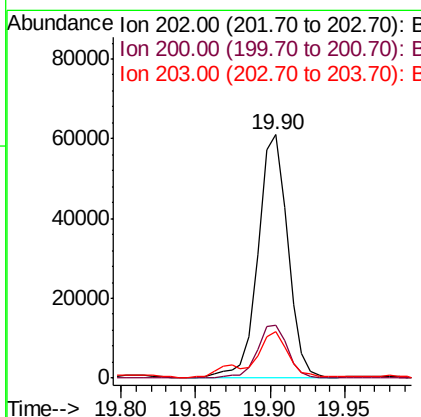
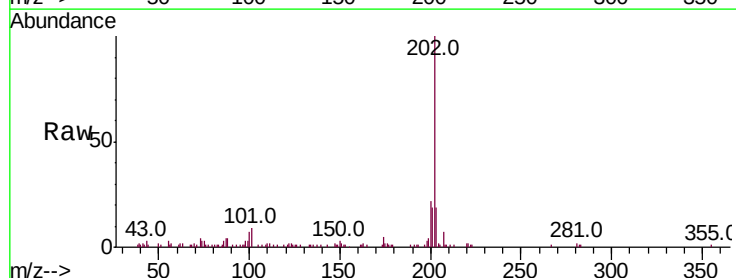
RT: 19.90 min Scan# 2825

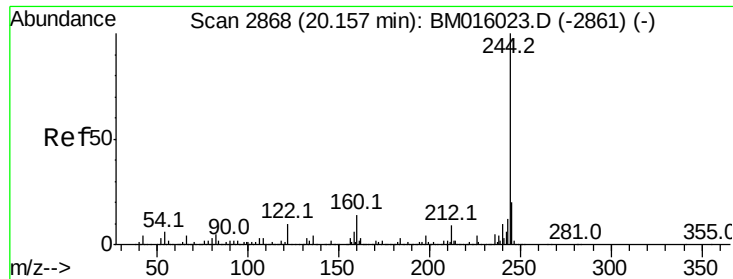
Delta R.T. 0.00 min

Lab File: BM016253.D

Acq: 08 Aug 2018 17:05

Tgt Ion:	202	Resp:	83914
Ion Ratio	Lower	Upper	
202	100		
200	21.9	16.9	25.3
203	18.9	14.1	21.1





#78

Terphenyl-d14

Concen: 8.631 ng

RT: 20.09 min Scan# 2856

Delta R.T. 0.00 min

Lab File: BM016253.D

Acq: 08 Aug 2018 17:05

Instrument :

BNA_M

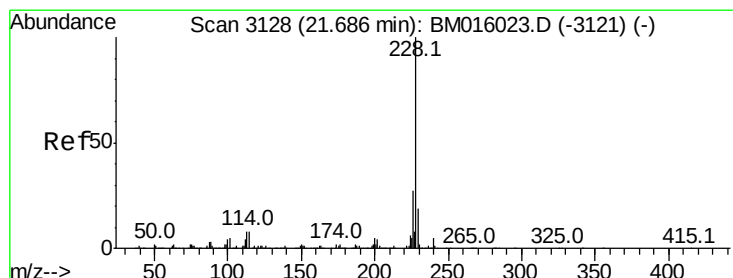
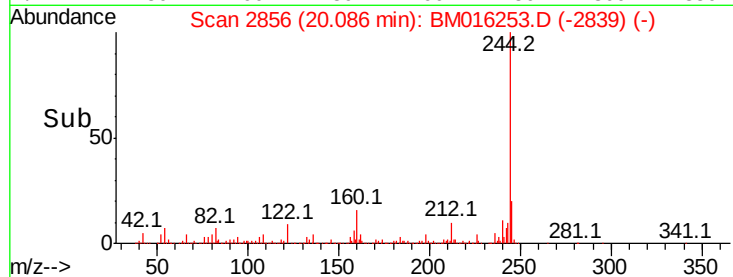
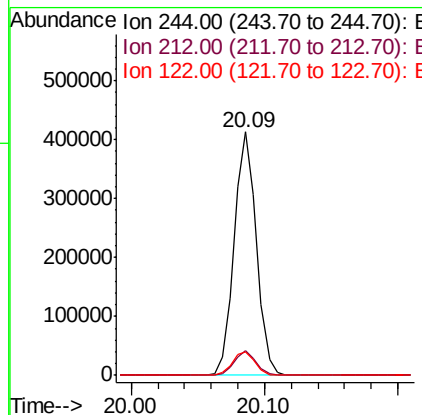
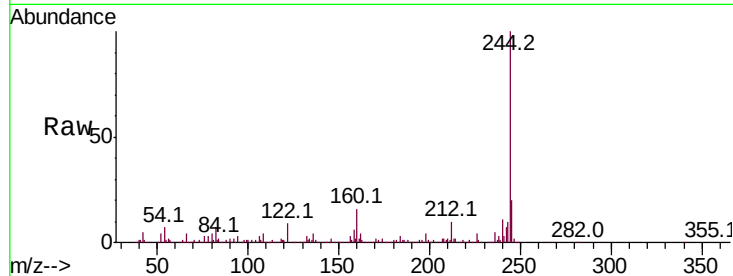
ClientSampled :

C-10

Tot Ion:	244	Resp:	479429
Ion Ratio	Lower	Upper	
244	100		
212	10.1	4.9	7.3#
122	9.4	6.2	9.4#

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#80

Benzo(a)anthracene

Concen: 5.968 ng

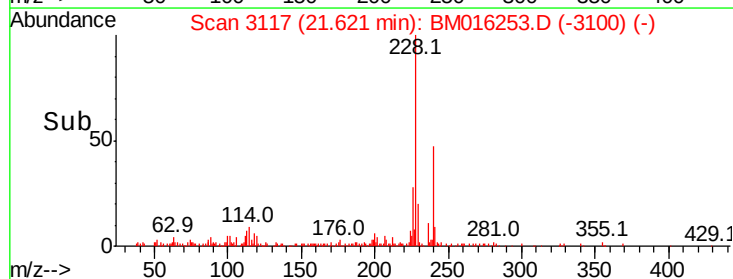
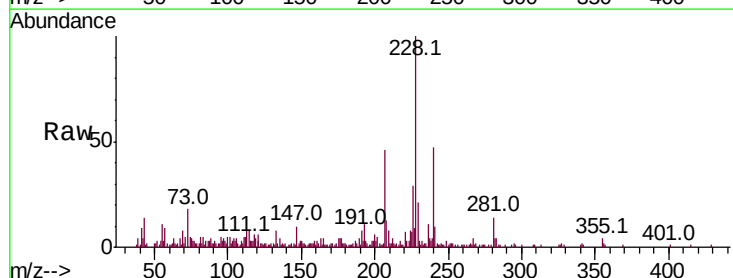
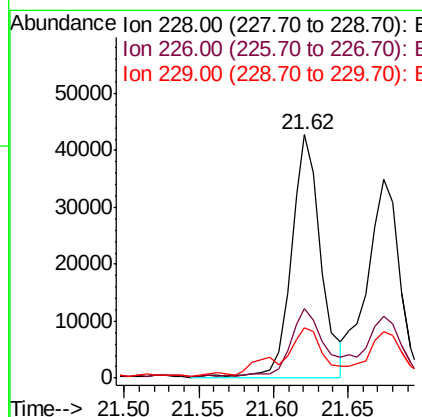
RT: 21.62 min Scan# 3117

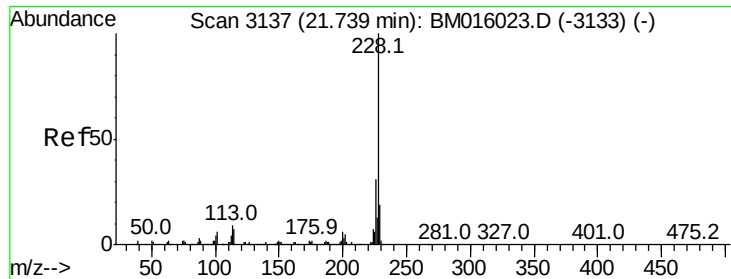
Delta R.T. 0.00 min

Lab File: BM016253.D

Acq: 08 Aug 2018 17:05

Tgt Ion:	228	Resp:	59632
Ion Ratio	Lower	Upper	
228	100		
226	28.7	21.7	32.5
229	20.9	16.0	24.0





#82

Chrysene

Concen: 5.238 ng

RT: 21.67 min Scan# 3126

Delta R.T. 0.00 min

Lab File: BM016253.D

Acq: 08 Aug 2018 17:05

Instrument :

BNA_M

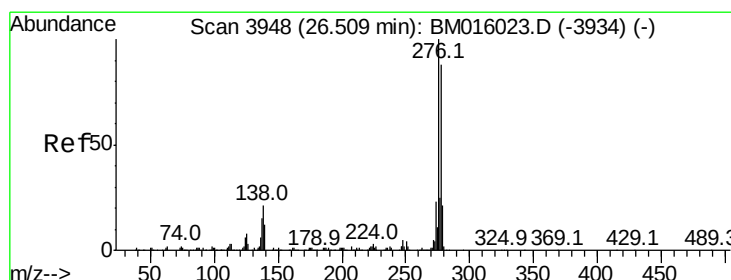
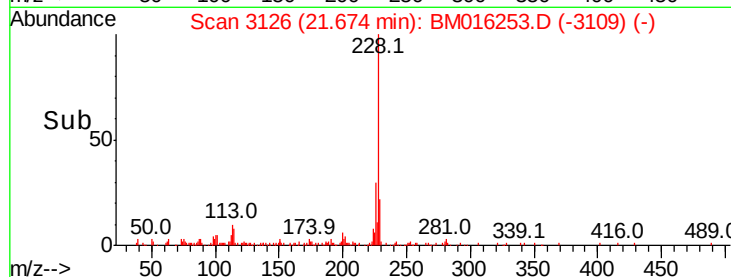
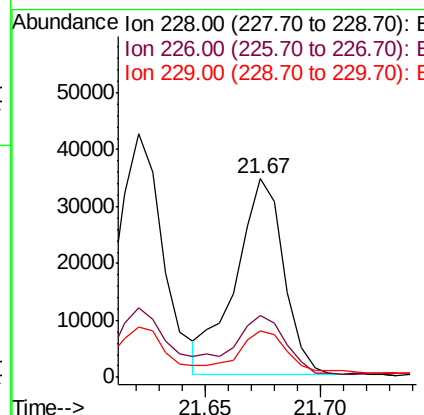
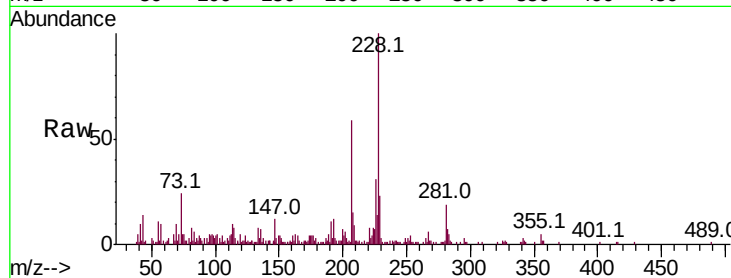
ClientSampled :

C-10

Tot Ion:	228	Resp:	50204
Ion Ratio	Lower	Upper	
228	100		
226	30.9	24.1	36.1
229	23.2	15.5	23.3

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#85

Indeno(1,2,3-cd)pyrene

Concen: 3.333 ng

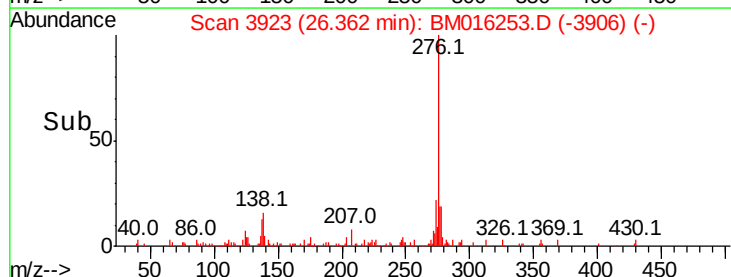
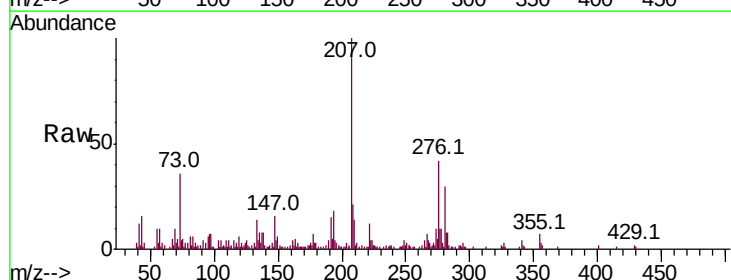
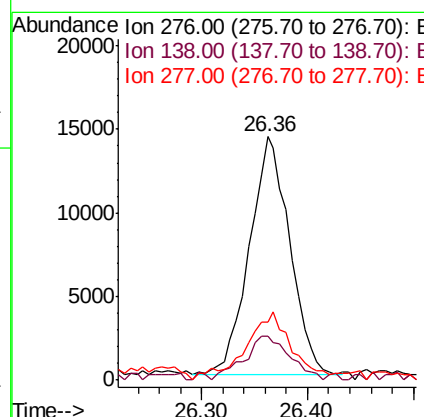
RT: 26.36 min Scan# 3923

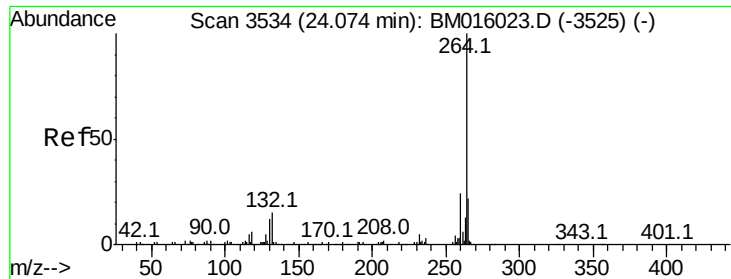
Delta R.T. 0.00 min

Lab File: BM016253.D

Acq: 08 Aug 2018 17:05

Tgt Ion:	276	Resp:	37912
Ion Ratio	Lower	Upper	
276	100		
138	21.0	12.0	18.0#
277	33.2	20.0	30.0#





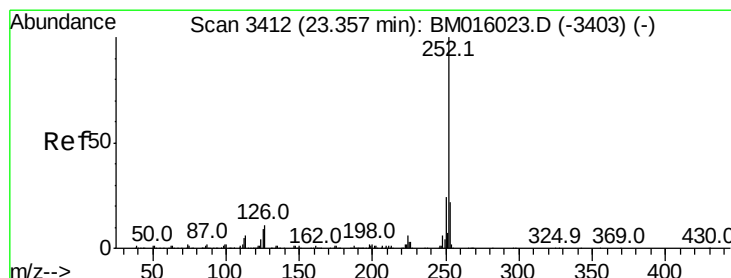
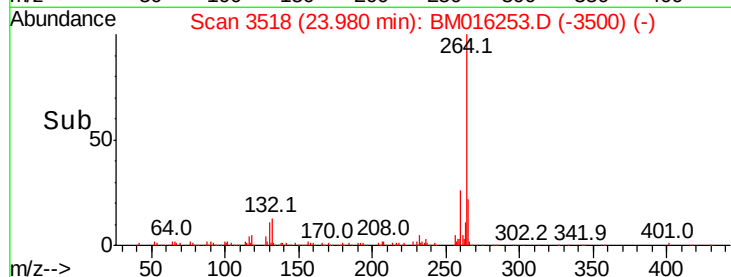
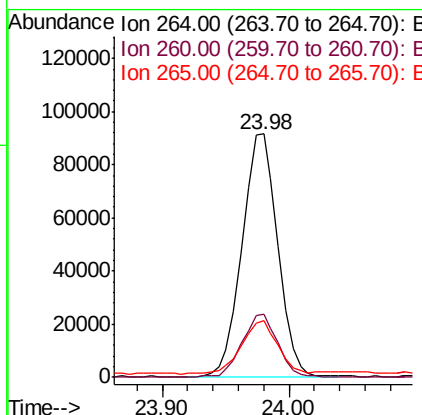
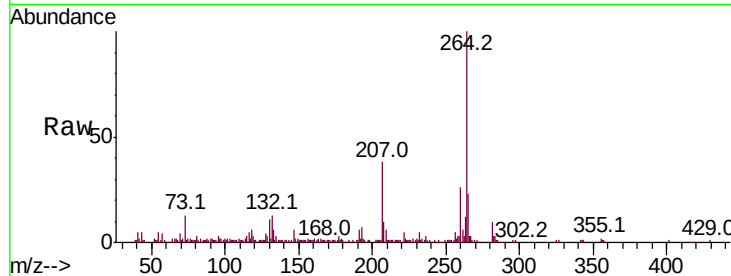
#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.98 min Scan# 3518
Delta R.T. 0.01 min
Lab File: BM016253.D
Acq: 08 Aug 2018 17:05

Instrument :
BNA_M
ClientSampleId :
C-10

Tot Ion:	264	Resp:	180191
Ion Ratio	Lower	Upper	
264	100		
260	25.9	18.6	27.8
265	23.5	17.3	25.9

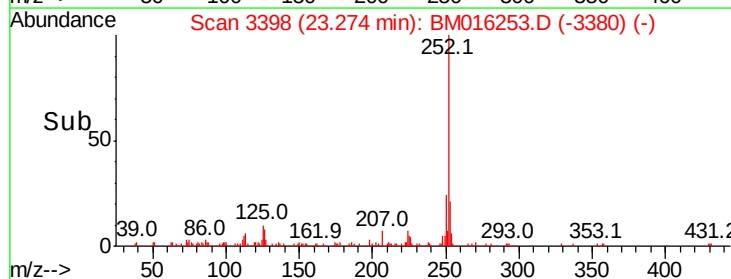
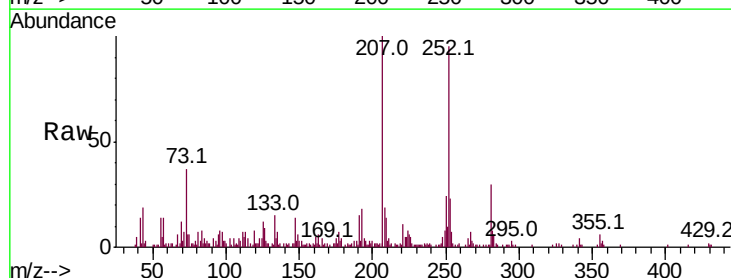
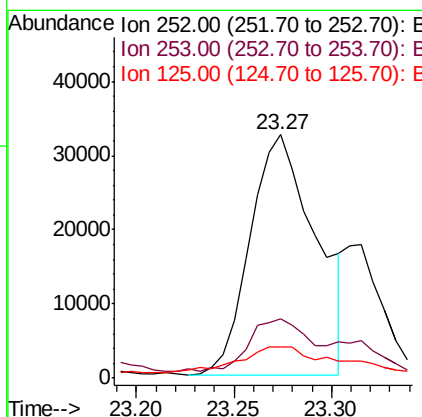
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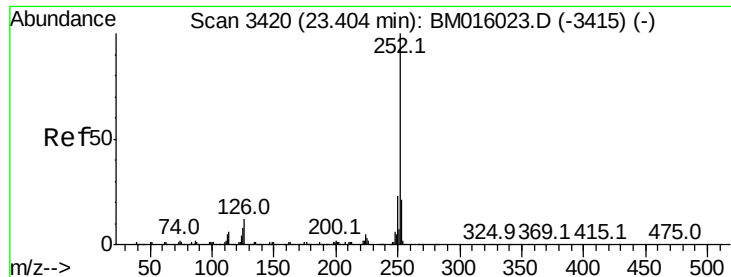
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#87
Benzo(b)fluoranthene
Concen: 7.123 ng
RT: 23.27 min Scan# 3398
Delta R.T. 0.01 min
Lab File: BM016253.D
Acq: 08 Aug 2018 17:05

Tgt Ion:	252	Resp:	75570
Ion Ratio	Lower	Upper	
252	100		
253	24.4	18.0	27.0
125	12.6	9.9	14.9





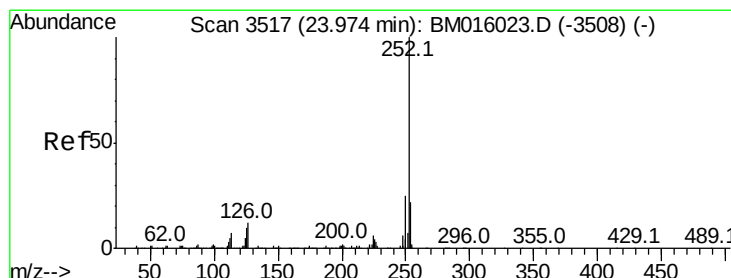
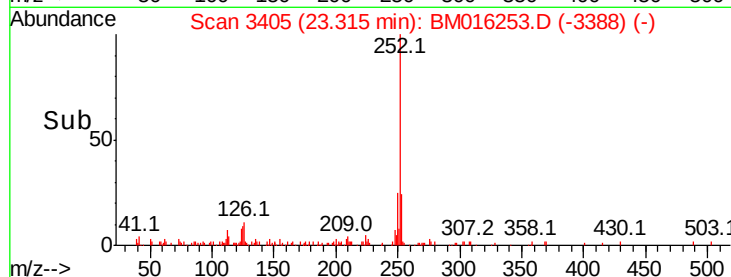
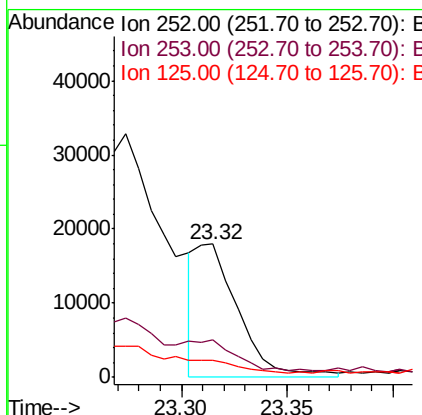
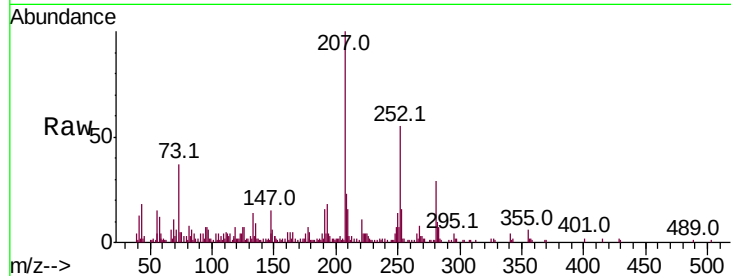
#88
Benzo(k)fluoranthene
Concen: 2.310 ng m
RT: 23.32 min Scan# 3405
Delta R.T. 0.00 min
Lab File: BM016253.D
Acq: 08 Aug 2018 17:05

Instrument :
BNA_M
ClientSampled :
C-10

Tot Ion	Ratio	Lower	Upper
252	100		
253	28.3	17.2	25.8#
125	13.1	8.1	12.1#

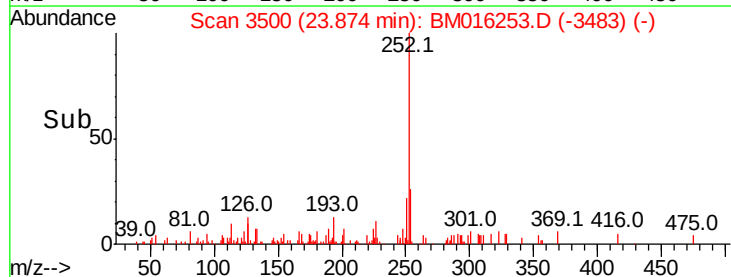
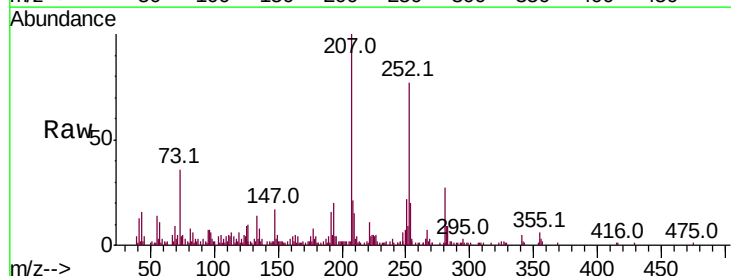
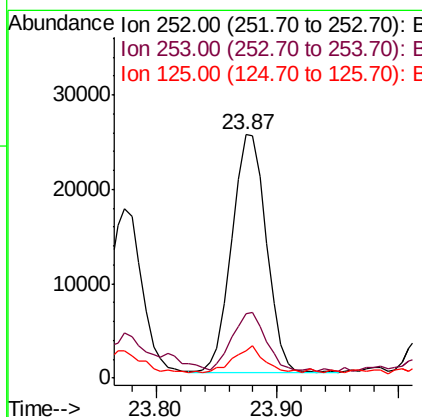
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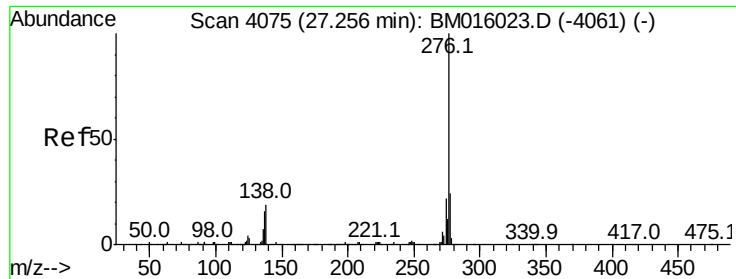
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#89
Benzo(a)pyrene
Concen: 4.911 ng
RT: 23.87 min Scan# 3500
Delta R.T. 0.00 min
Lab File: BM016253.D
Acq: 08 Aug 2018 17:05

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.3	17.6	26.4
125	11.1	7.4	11.2





#91
 Benzo(a,h,i)perylene
 Concen: 3.871 ng
 RT: 27.10 min Scan# 4048
 Delta R.T. 0.00 min
 Lab File: BM016253.D
 Acq: 08 Aug 2018 17:05

Instrument :
 BNA_M
 ClientSampleId :
 C-10

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.6	18.5	27.7
138	18.8	19.0	28.6

Manual Integrations
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