

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121918\
 Data File : BM018316.D
 Acq On : 20 Dec 2018 03:01
 Operator : JU/SJ
 Sample : J6379-03
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 P001-SS003-0612-01

Manual Integrations
 APPROVED

Sohil
 12/20/2018 2:55:18 PM

Quant Time: Dec 20 07:23:55 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM121518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 15 21:39:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	95420	20.00	ng	-0.02
21) Naphthalene-d8	10.25	136	345192	20.00	ng	-0.02
39) Acenaphthene-d10	14.15	164	176020	20.00	ng	-0.02
64) Phenanthrene-d10	16.90	188	362217	20.00	ng	-0.02
76) Chrysene-d12	21.13	240	436476	20.00	ng	-0.02
87) Perylene-d12	23.29	264	489169	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.12	112	635414	111.24	ng	0.00
7) Phenol-d6	6.69	99	829821	104.52	ng	-0.02
23) Nitrobenzene-d5	8.64	82	540002	80.24	ng	-0.02
42) 2,4,6-Tribromophenol	15.65	330	257589	99.71	ng	-0.02
45) 2-Fluorobiphenyl	12.75	172	1013173	74.55	ng	-0.02
79) Terphenyl-d14	19.56	244	1275656	66.10	ng	-0.01
Target Compounds						
10) Phenol	6.71	94	48290	5.743	ng	88
50) Dimethylphthalate	13.62	163	56335	3.850	ng	# 98
75) Fluoranthene	18.98	202	207484	9.070	ng	99
78) Pyrene	19.34	202	178151	6.850	ng	99
81) Benzo(a)anthracene	21.11	228	190597	7.475	ng	98
83) Chrysene	21.16	228	211072	8.607	ng	99
86) Indeno(1,2,3-cd)pyrene	25.41	276	155535	6.367	ng	# 93
88) Benzo(b)fluoranthene	22.64	252	326749	11.891	ng	100
89) Benzo(k)fluoranthene	22.69	252	105513m	3.856	ng	
90) Benzo(a)pyrene	23.19	252	187602	7.179	ng	98
92) Benzo(g,h,i)perylene	26.06	276	138575	6.056	ng	98

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

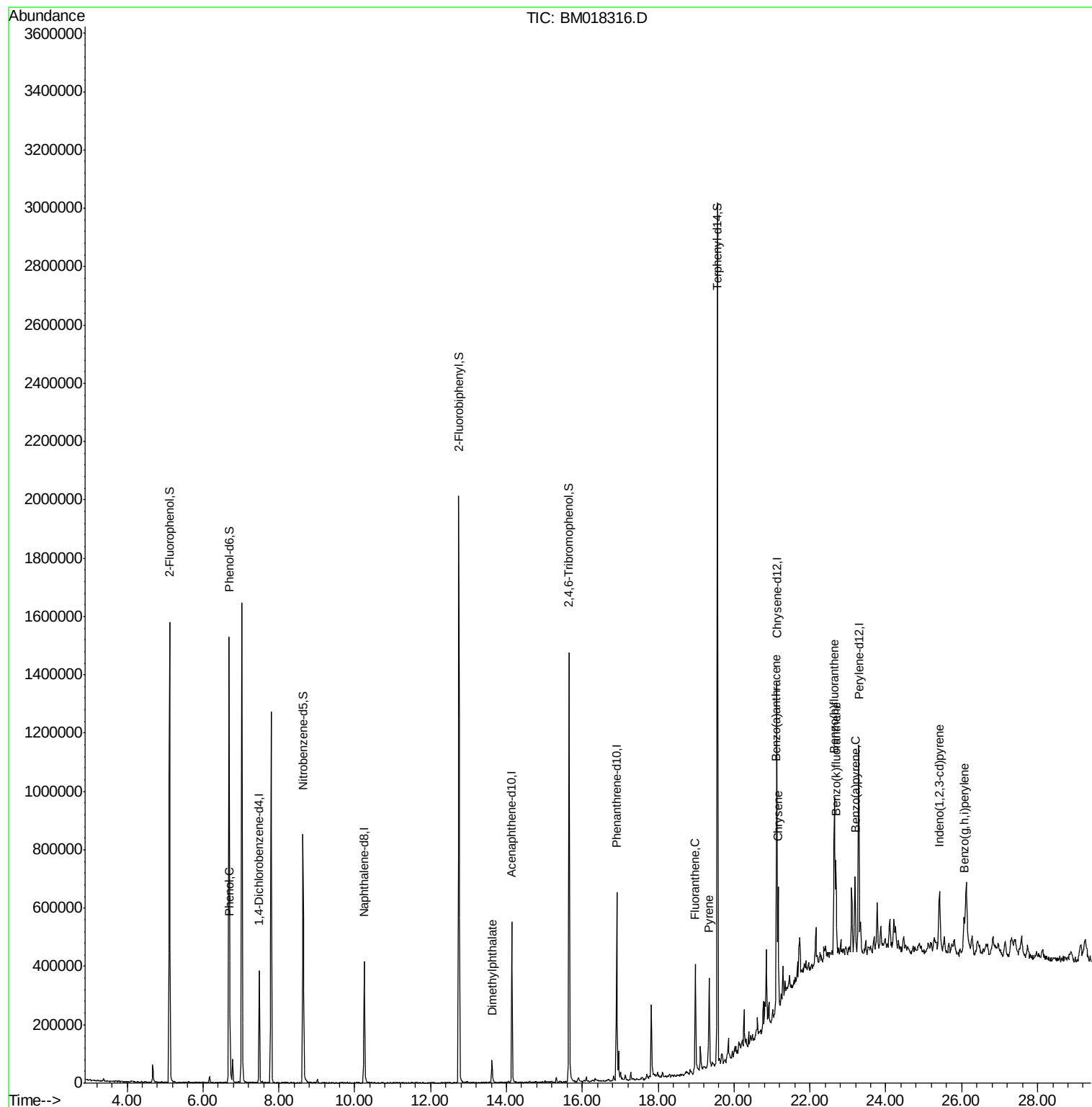
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121918\
Data File : BM018316.D
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Sample : J6379-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

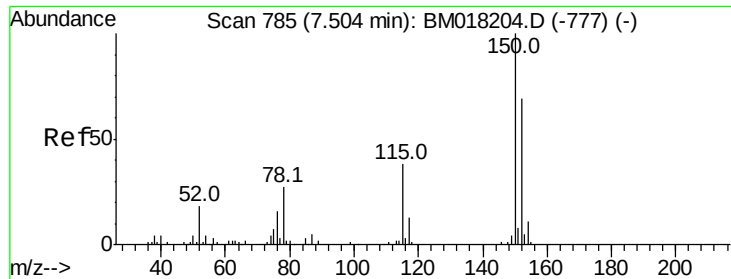
Instrument :
BNA_M
ClientSampleId :
P001-SS003-0612-01

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Quant Time: Dec 20 07:23:55 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM121518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

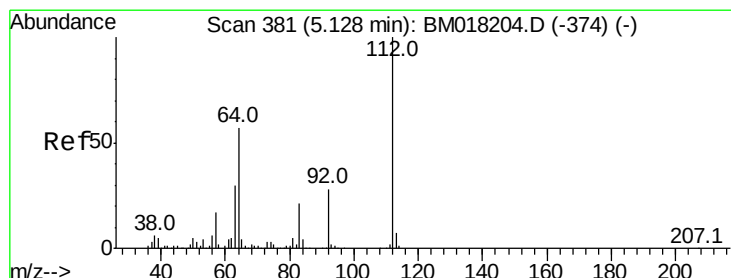
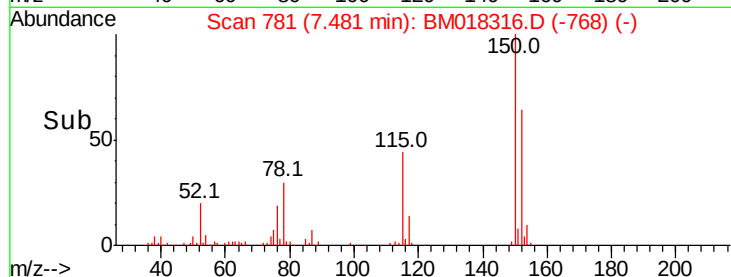
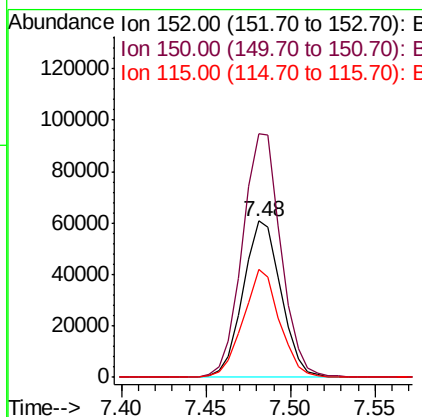
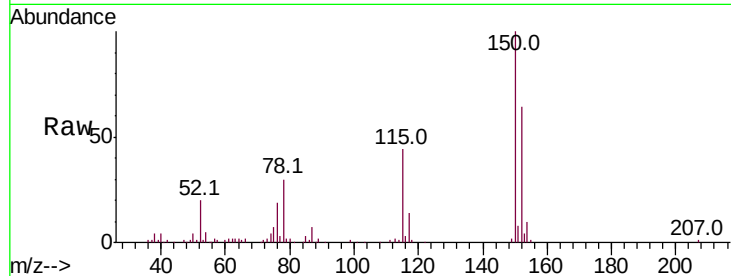
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.48 min Scan# 781
Delta R.T. -0.02 min
Lab File: BM018316.D
Acq: 20 Dec 2018 03:01

Instrument :
BNA_M
ClientSampleId :
P001-SS003-0612-01

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.8	116.1	174.1
115	68.8	44.6	67.0

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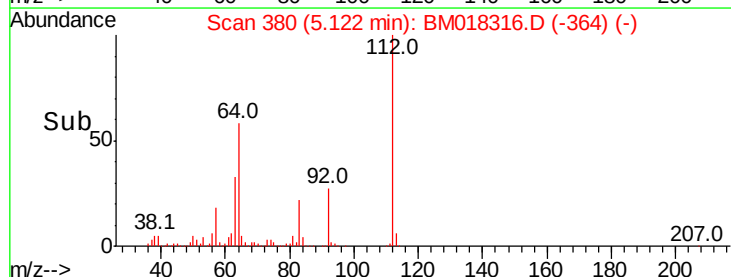
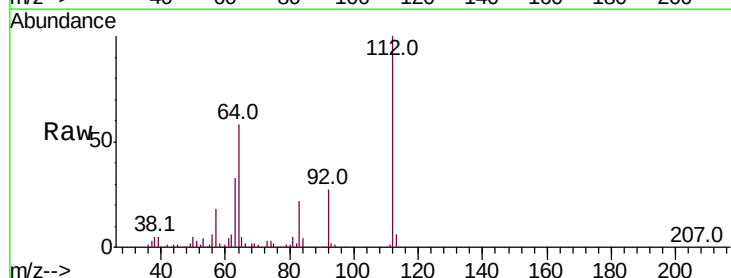
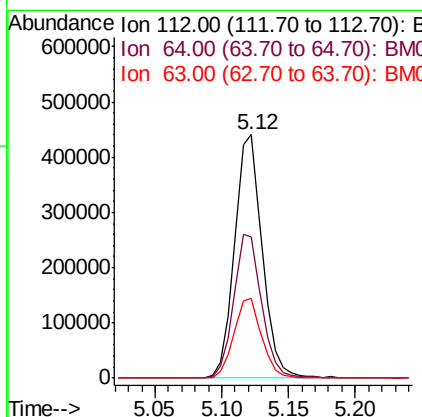
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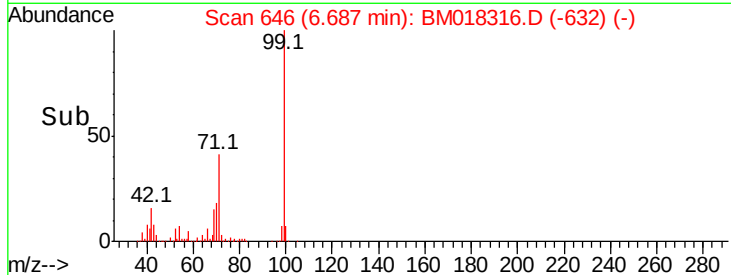
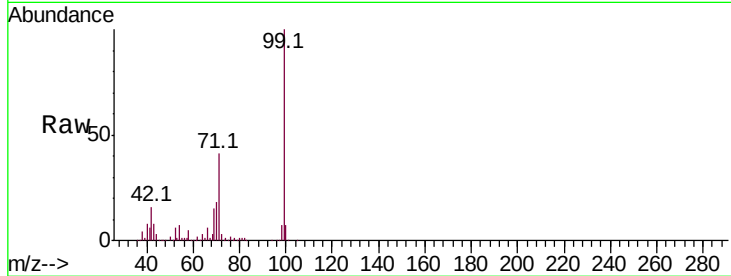
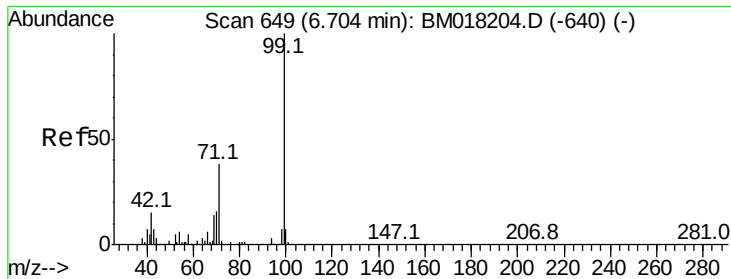


#5

2-Fluorophenol
Concen: 111.240 ng
RT: 5.12 min Scan# 380
Delta R.T. -0.01 min
Lab File: BM018316.D
Acq: 20 Dec 2018 03:01

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.9	45.4	68.2
63	32.6	24.0	36.0





#7

Phenol-d6

Concen: 104.520 ng

RT: 6.69 min Scan# 646

Delta R.T. -0.02 min

Lab File: BM018316.D

Acq: 20 Dec 2018 03:01

Tot Ion:	99	Resp:	829821
Ion Ratio	Lower	Upper	
99	100		
42	16.3	12.3	18.5
71	41.0	30.2	45.2

Instrument :

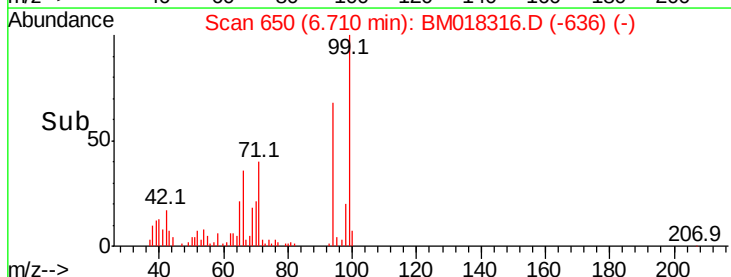
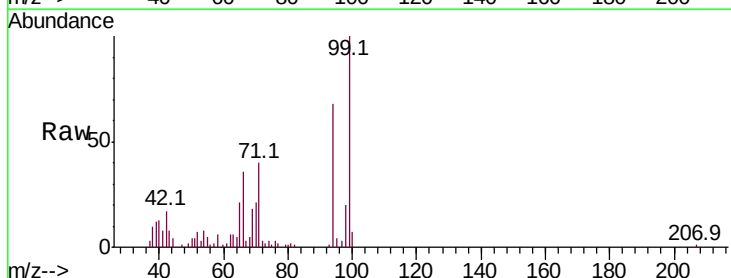
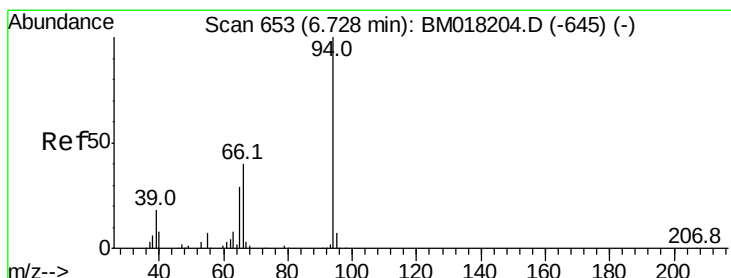
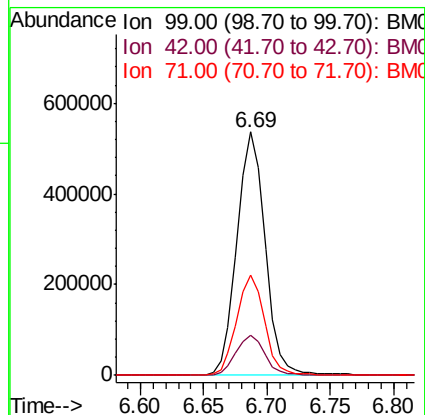
BNA_M

ClientSampleId :

P001-SS003-0612-01

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#10

Phenol

Concen: 5.743 ng

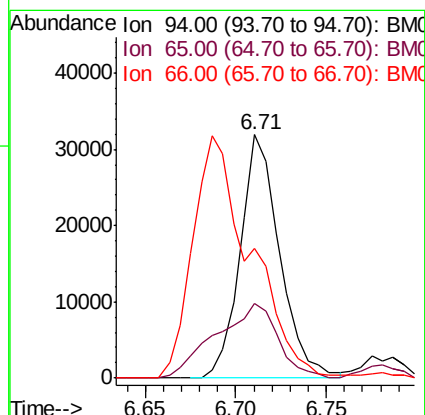
RT: 6.71 min Scan# 650

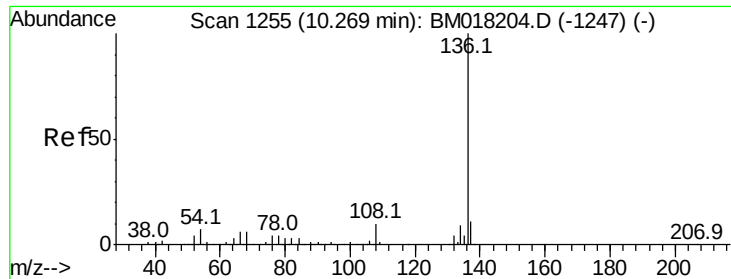
Delta R.T. -0.02 min

Lab File: BM018316.D

Acq: 20 Dec 2018 03:01

Tgt Ion:	94	Resp:	48290
Ion Ratio	Lower	Upper	
94	100		
65	30.5	9.5	49.5
66	53.4	21.3	61.3





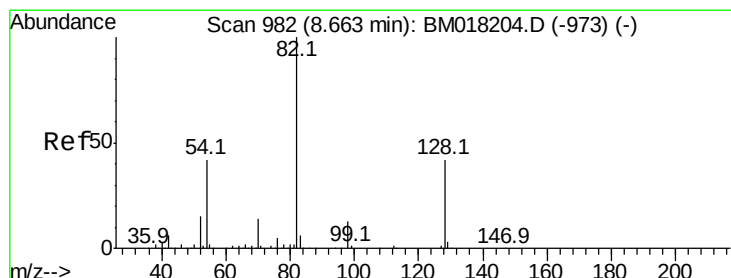
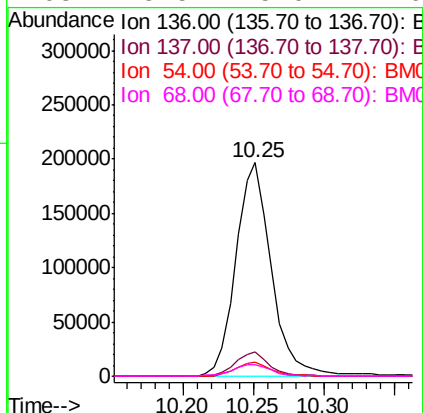
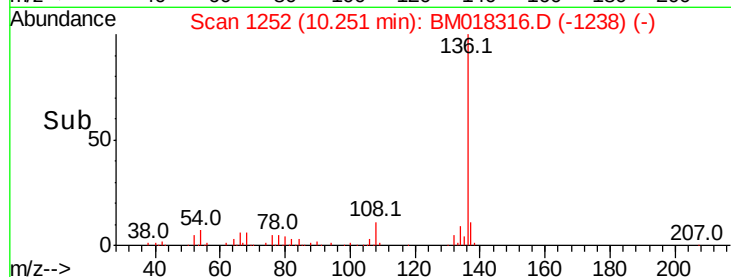
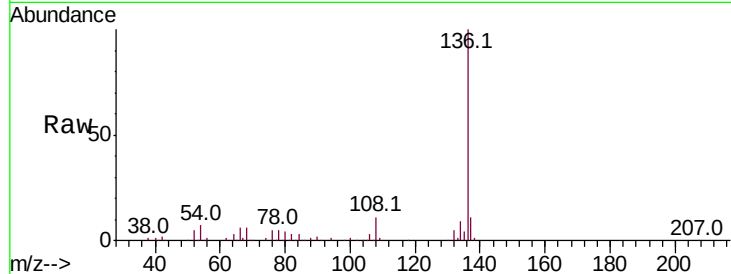
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.25 min Scan# 1252
Delta R.T. -0.02 min
Lab File: BM018316.D
Acq: 20 Dec 2018 03:01

Instrument :
BNA_M
ClientSampleId :
P001-SS003-0612-01

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.1	9.2	13.8	
54	6.6	5.2	7.8	
68	5.5	5.0	7.6	

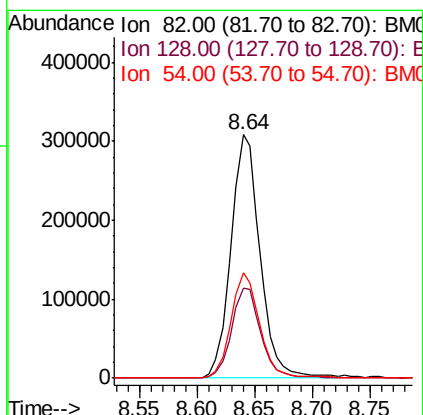
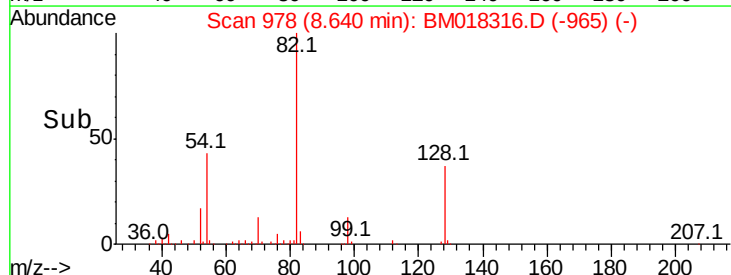
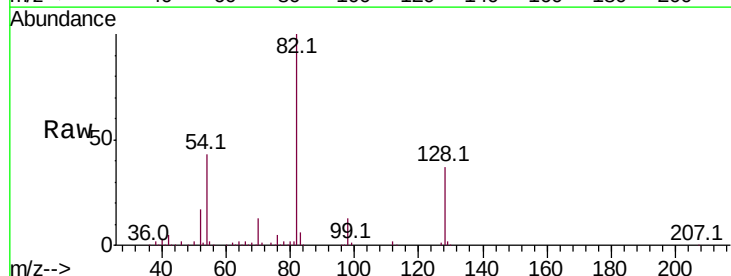
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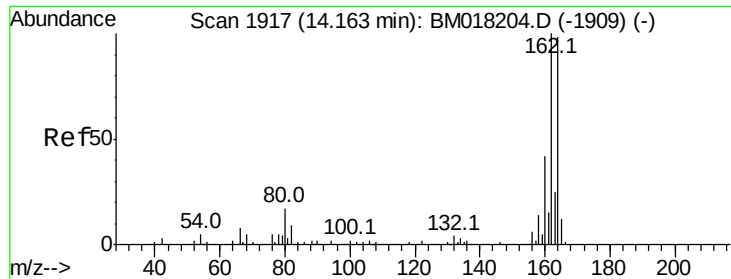
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#23
Nitrobenzene-d5
Concen: 80.241 ng
RT: 8.64 min Scan# 978
Delta R.T. -0.02 min
Lab File: BM018316.D
Acq: 20 Dec 2018 03:01

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	36.9	33.4	50.2	
54	43.2	33.4	50.2	





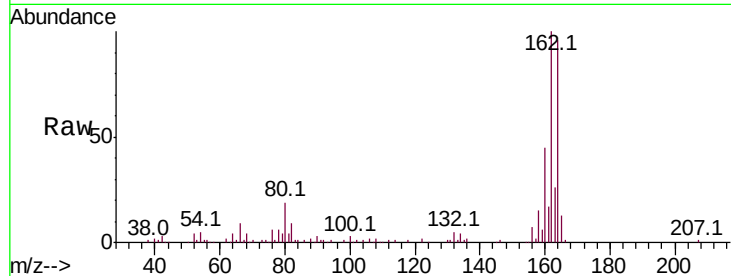
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.15 min Scan# 1914
Delta R.T. -0.02 min
Lab File: BM018316.D
Acq: 20 Dec 2018 03:01

Instrument :
BNA_M
ClientSampleId :
P001-SS003-0612-01

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.8	81.8	122.6
160	46.8	34.6	51.8

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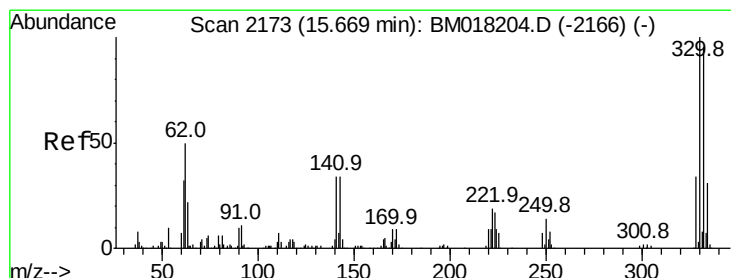
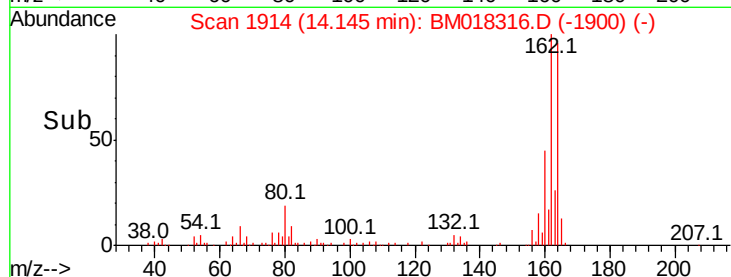
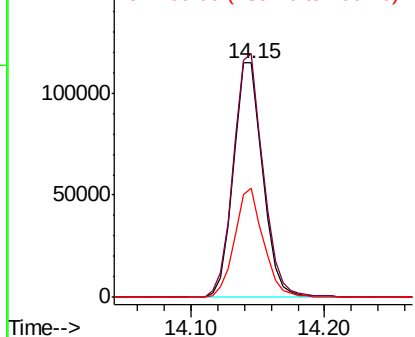


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42
2,4,6-Tribromophenol
Concen: 99.706 ng
RT: 15.65 min Scan# 2170
Delta R.T. -0.02 min
Lab File: BM018316.D
Acq: 20 Dec 2018 03:01

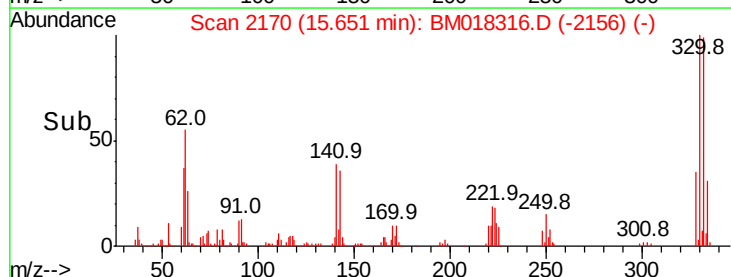
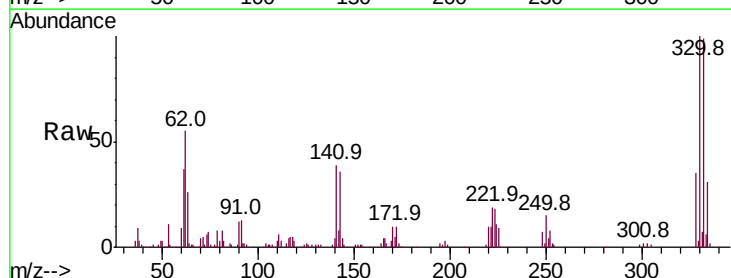
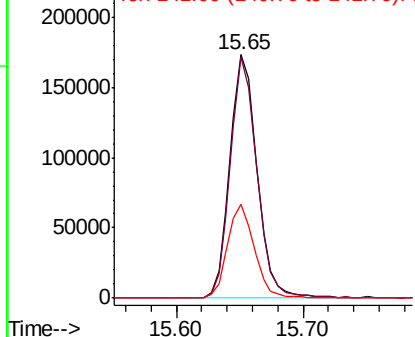
Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.6	78.6	118.0
141	38.3	27.1	40.7

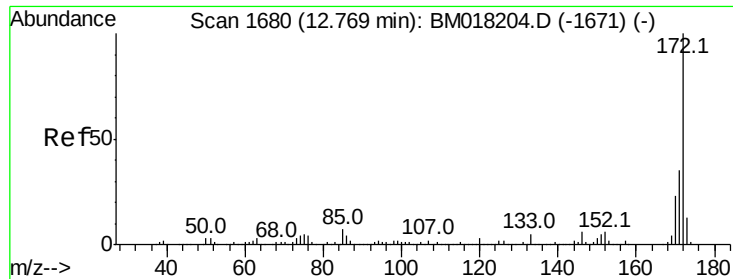
Abundance

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





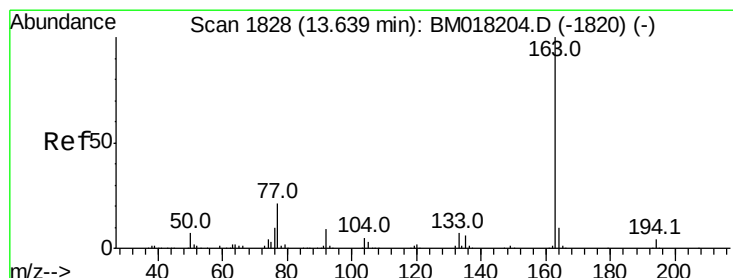
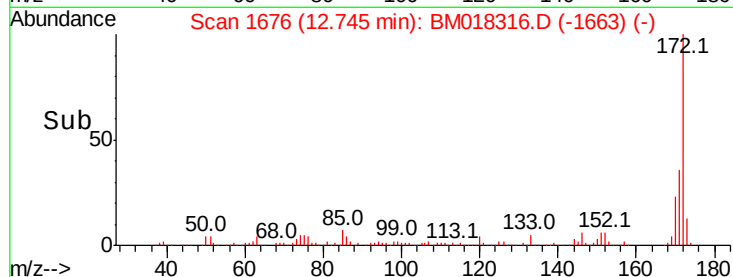
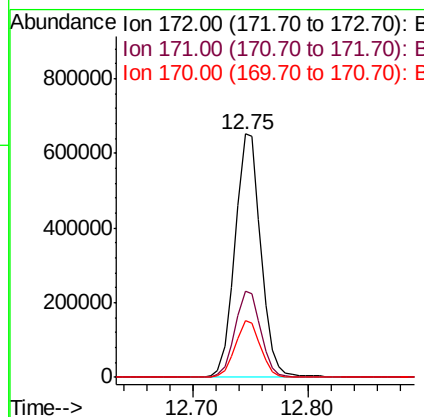
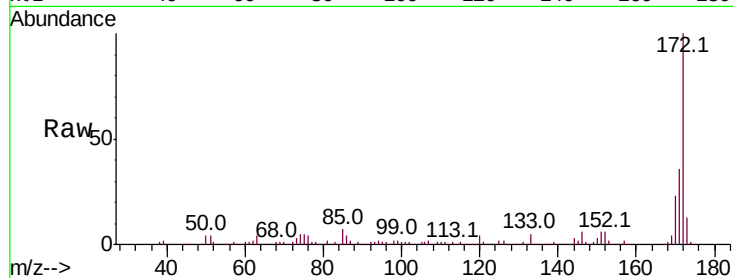
#45
2-Fluorobiphenyl
Concen: 74.554 ng
RT: 12.75 min Scan# 1676
Delta R.T. -0.02 min
Lab File: BM018316.D
Acq: 20 Dec 2018 03:01

Instrument :
BNA_M
ClientSampleId :
P001-SS003-0612-01

Tot Ion:172 Resp: 1013173
Ion Ratio Lower Upper
172 100
171 35.5 28.3 42.5
170 23.2 18.1 27.1

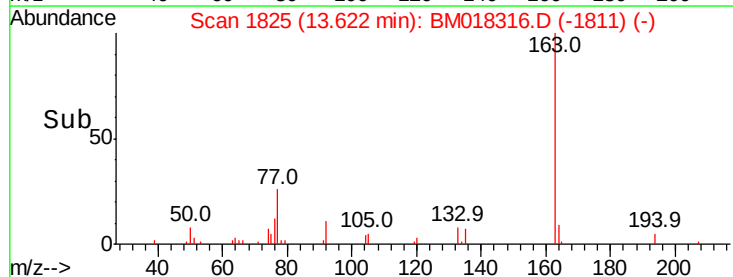
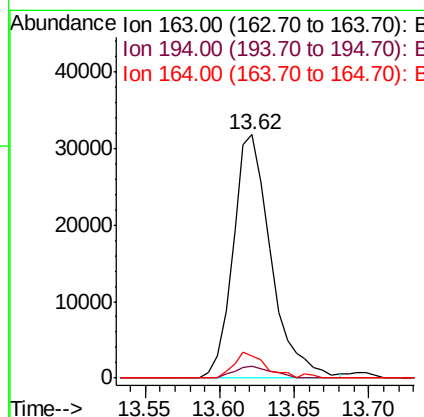
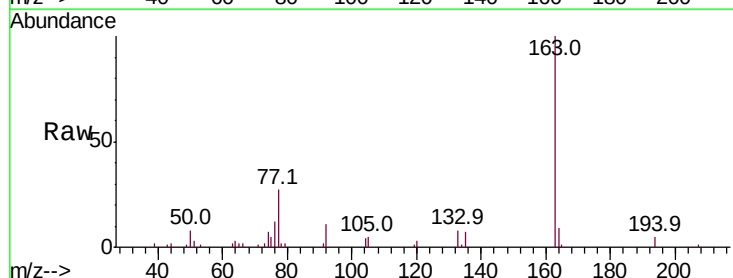
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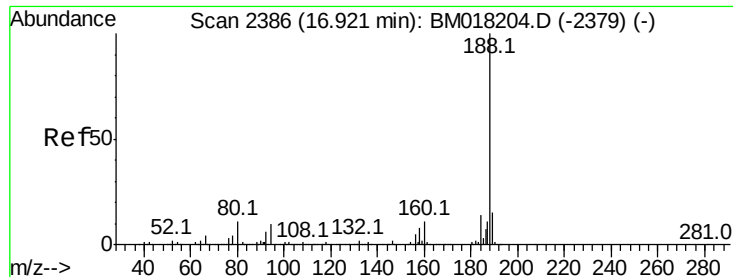
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#50
Dimethylphthalate
Concen: 3.850 ng
RT: 13.62 min Scan# 1825
Delta R.T. -0.02 min
Lab File: BM018316.D
Acq: 20 Dec 2018 03:01

Tgt Ion:163 Resp: 56335
Ion Ratio Lower Upper
163 100
194 5.1 3.1 4.7#
164 9.2 7.9 11.9





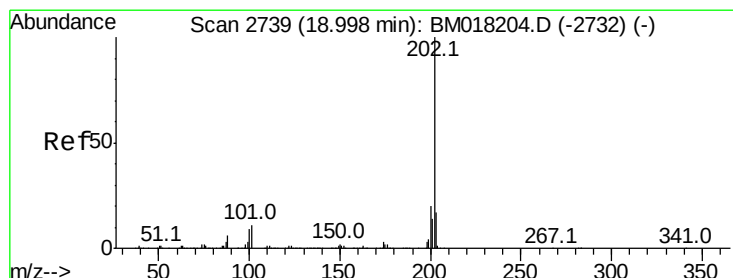
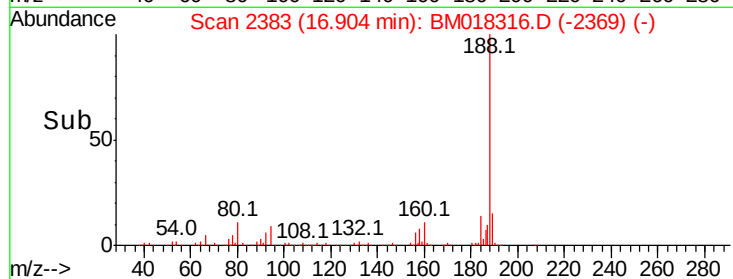
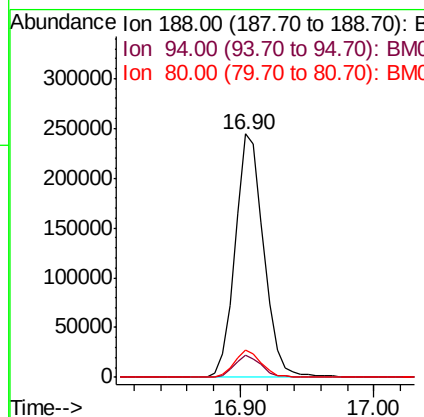
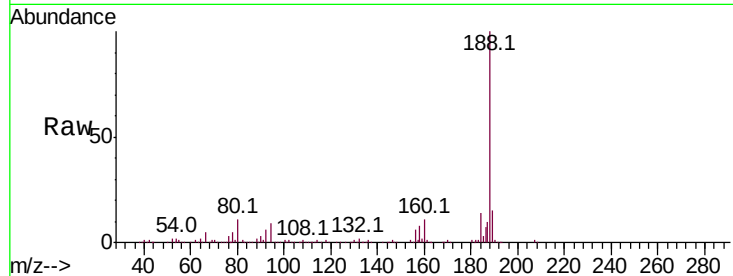
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.90 min Scan# 2383
Delta R.T. -0.02 min
Lab File: BM018316.D
Acq: 20 Dec 2018 03:01

Instrument :
BNA_M
ClientSampleId :
P001-SS003-0612-01

Tot Ion:	188	Resp:	362217
Ion Ratio	Lower	Upper	
188	100		
94	9.0	8.0	12.0
80	11.4	9.0	13.6

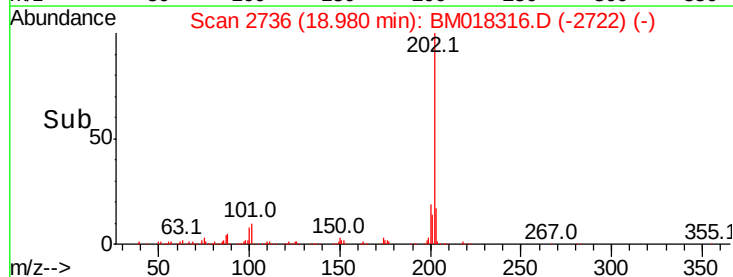
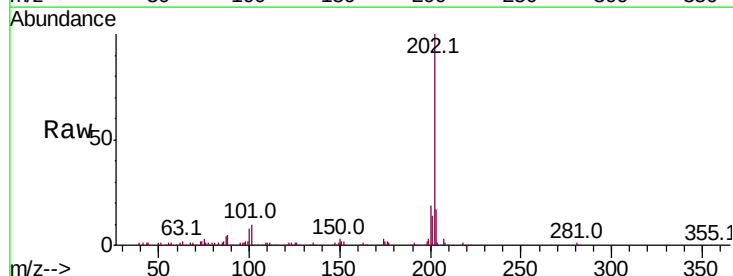
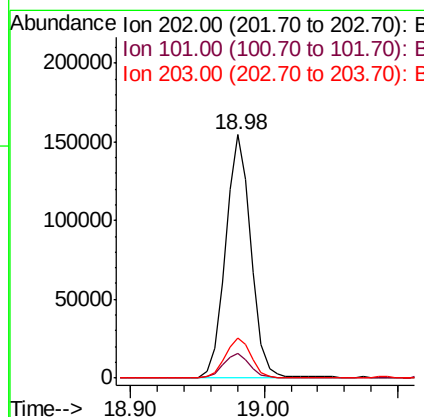
Manual Integrations
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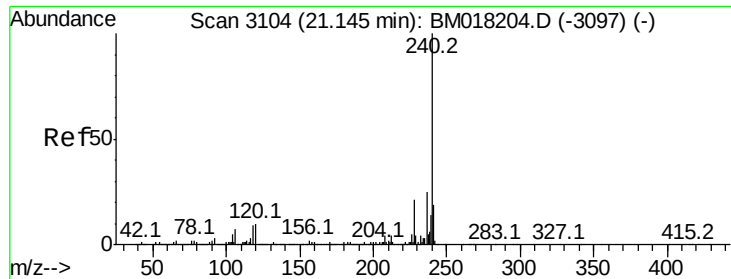
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#75
Fluoranthene
Concen: 9.070 ng
RT: 18.98 min Scan# 2736
Delta R.T. -0.02 min
Lab File: BM018316.D
Acq: 20 Dec 2018 03:01

Tgt Ion:	202	Resp:	207484
Ion Ratio	Lower	Upper	
202	100		
101	10.2	0.0	30.5
203	16.7	0.0	37.5





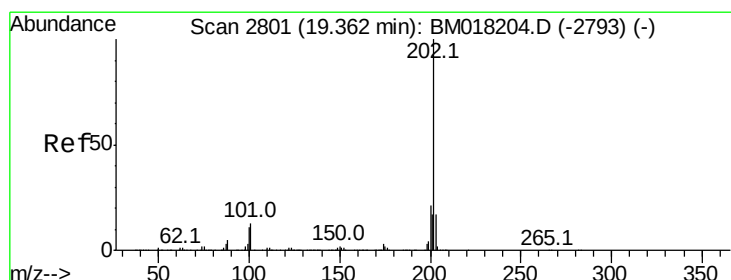
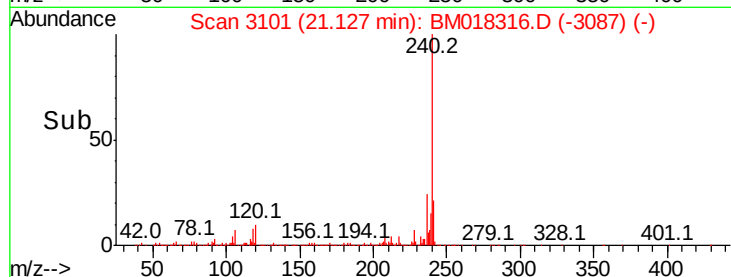
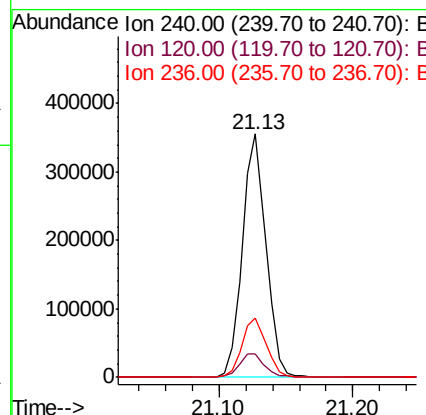
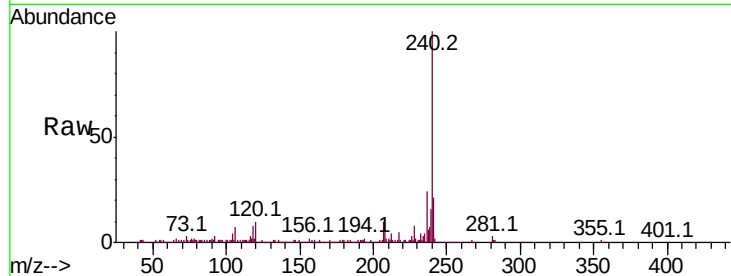
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.13 min Scan# 3101
Delta R.T. -0.02 min
Lab File: BM018316.D
Acq: 20 Dec 2018 03:01

Instrument :
BNA_M
ClientSampleId :
P001-SS003-0612-01

Tot Ion	Ratio	Lower	Upper
240	100		
120	9.8	8.2	12.2
236	24.4	20.3	30.5

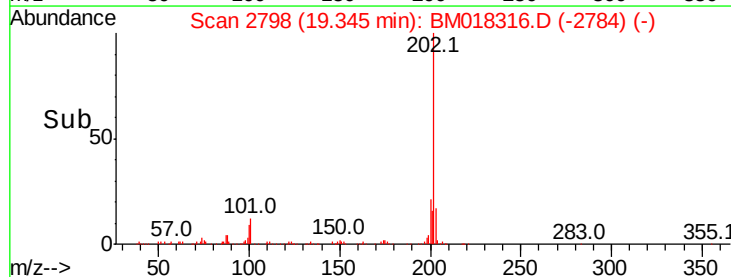
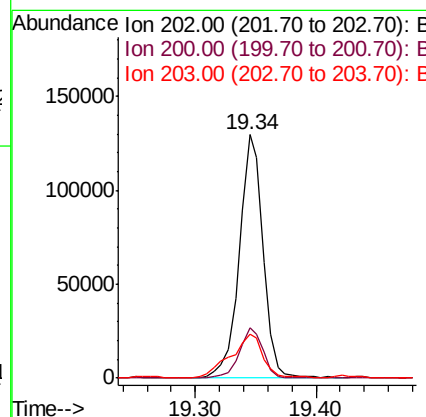
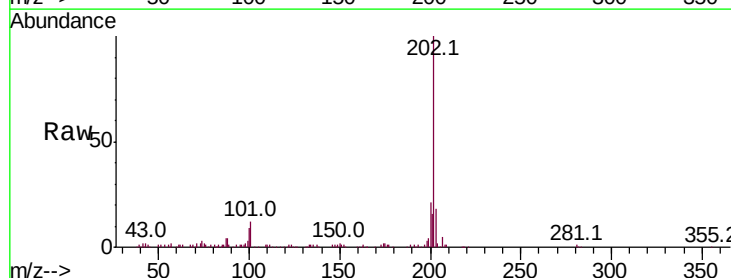
Manual Integrations
APPROVED

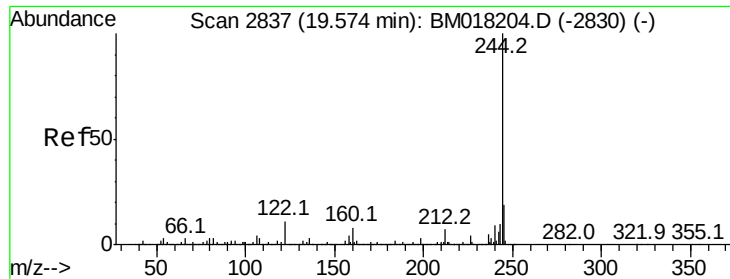
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#78
Pyrene
Concen: 6.850 ng
RT: 19.34 min Scan# 2798
Delta R.T. -0.02 min
Lab File: BM018316.D
Acq: 20 Dec 2018 03:01

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.5	16.5	24.7
203	18.0	14.0	21.0





#79

Terphenyl-d14

Concen: 66.100 ng

RT: 19.56 min Scan# 2835

Delta R.T. -0.01 min

Lab File: BM018316.D

Acq: 20 Dec 2018 03:01

Instrument :

BNA_M

ClientSampleId :

P001-SS003-0612-01

Tot Ion:244 Resp: 1275656

Ion Ratio Lower Upper

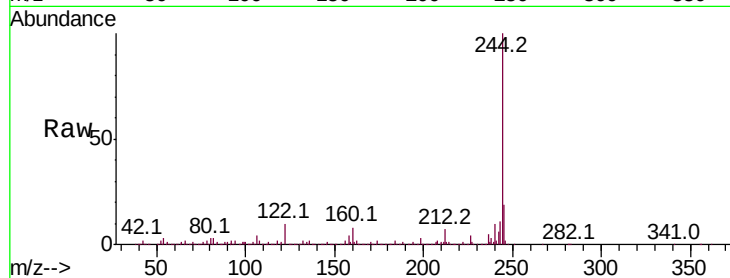
244 100

212 7.3 5.8 8.8

122 9.8 9.0 13.6

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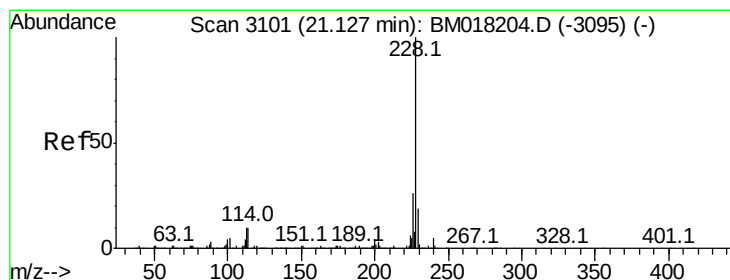
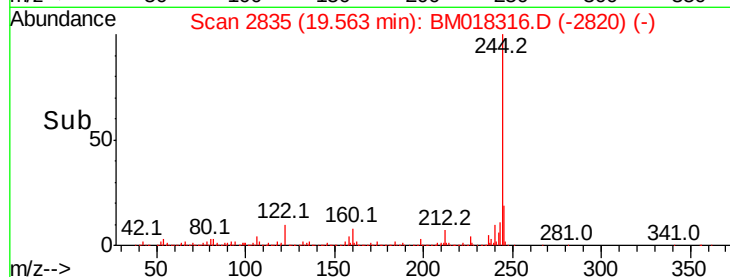
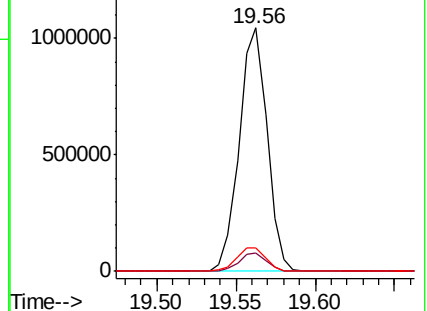
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#81

Benzo(a)anthracene

Concen: 7.475 ng

RT: 21.11 min Scan# 3098

Delta R.T. -0.02 min

Lab File: BM018316.D

Acq: 20 Dec 2018 03:01

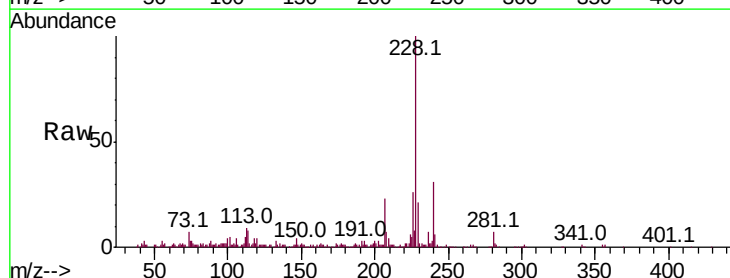
Tgt Ion:228 Resp: 190597

Ion Ratio Lower Upper

228 100

226 26.1 21.0 31.4

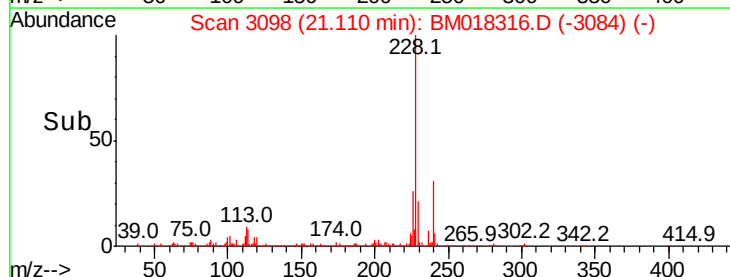
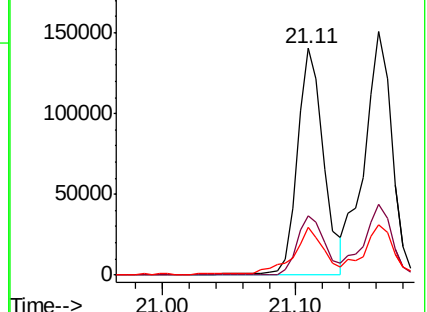
229 21.2 15.5 23.3

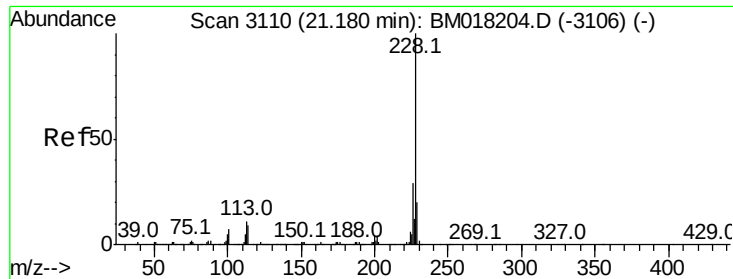


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





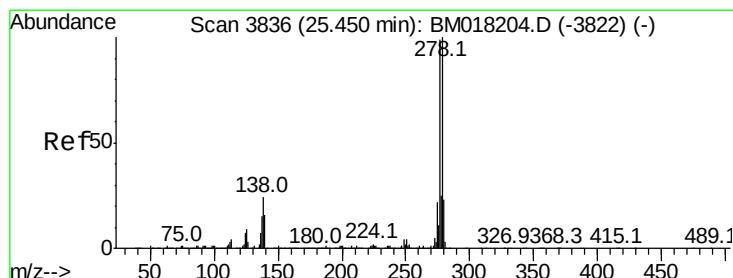
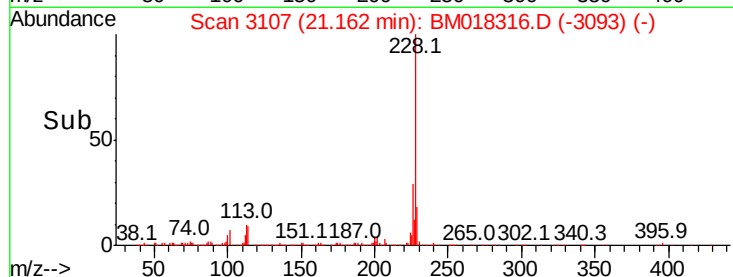
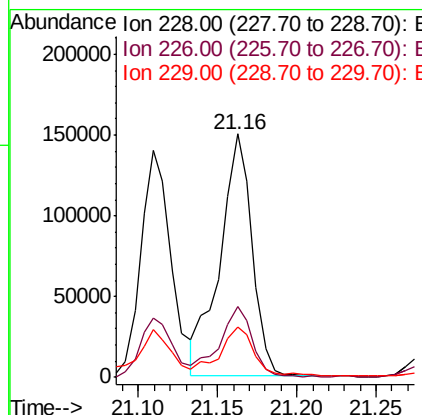
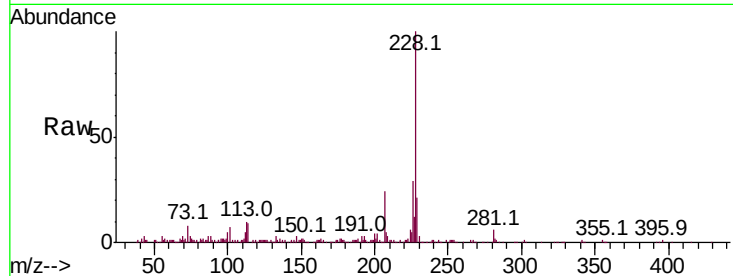
#83
Chrysene
Concen: 8.607 ng
RT: 21.16 min Scan# 3107
Delta R.T. -0.02 min
Lab File: BM018316.D
Acq: 20 Dec 2018 03:01

Instrument :
BNA_M
ClientSampleId :
P001-SS003-0612-01

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.9	23.1	34.7
229	20.9	15.8	23.6

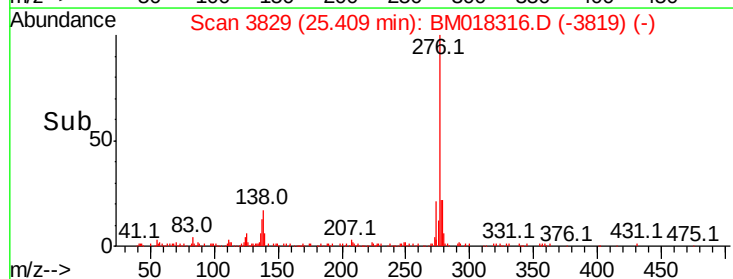
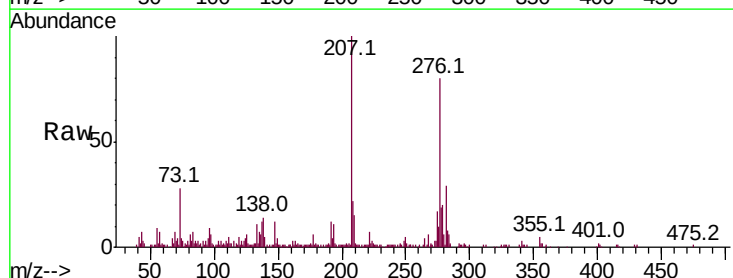
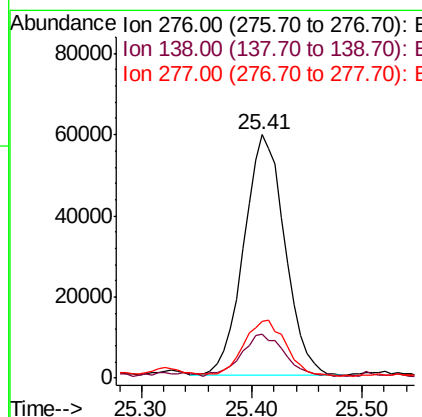
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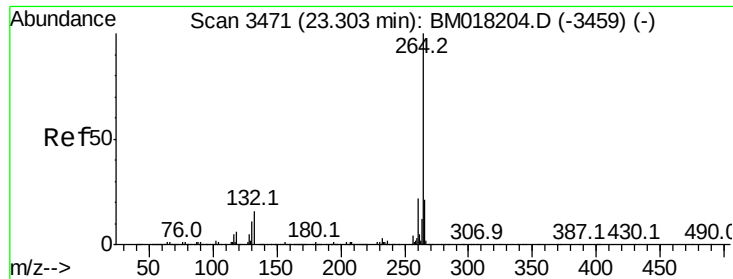
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#86
Indeno(1,2,3-cd)pyrene
Concen: 6.367 ng
RT: 25.41 min Scan# 3829
Delta R.T. -0.04 min
Lab File: BM018316.D
Acq: 20 Dec 2018 03:01

Tgt Ion	Ratio	Lower	Upper
276	100		
138	18.2	18.6	28.0#
277	23.6	20.3	30.5





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.29 min Scan# 3468

Delta R.T. -0.02 min

Lab File: BM018316.D

Acq: 20 Dec 2018 03:01

Instrument :

BNA_M

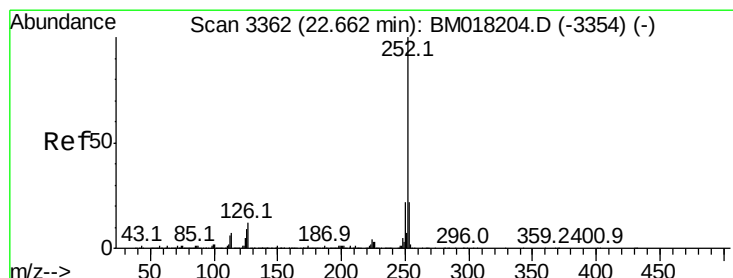
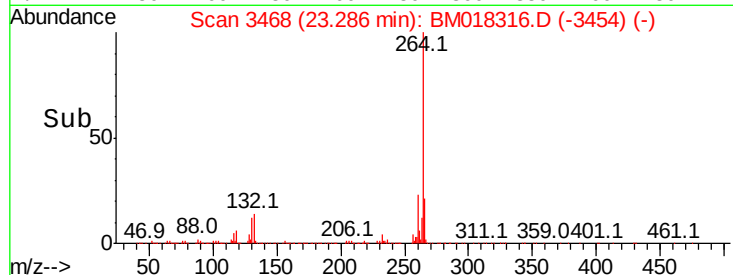
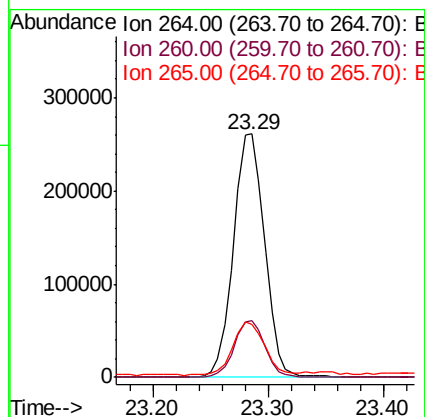
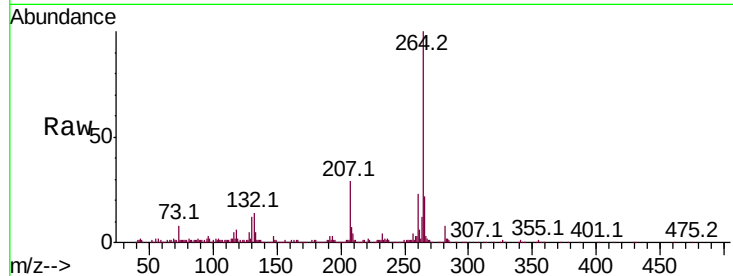
ClientSampleId :

P001-SS003-0612-01

Tot Ion:	264	Resp:	489169
Ion Ratio	Lower	Upper	
264	100		
260	23.2	17.5	26.3
265	21.9	17.3	25.9

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#88

Benzo(b)fluoranthene

Concen: 11.891 ng

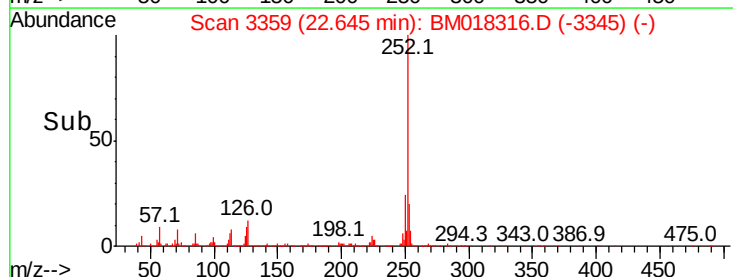
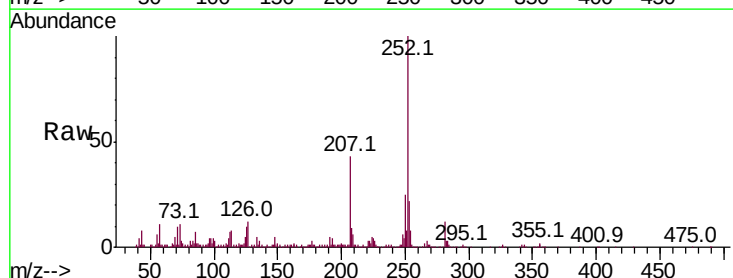
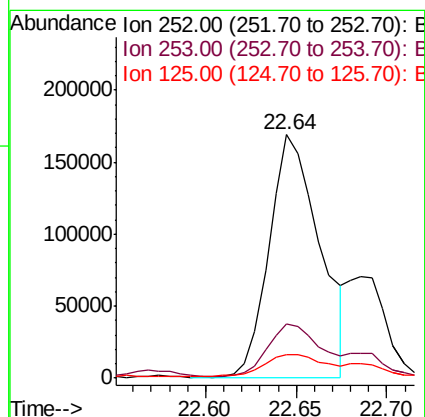
RT: 22.64 min Scan# 3359

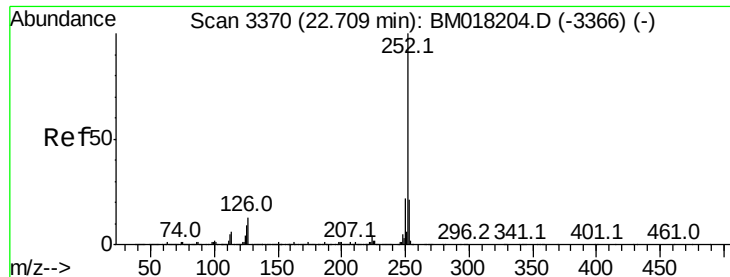
Delta R.T. -0.02 min

Lab File: BM018316.D

Acq: 20 Dec 2018 03:01

Tgt Ion:	252	Resp:	326749
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.6	26.4
125	9.5	7.4	11.0





#89

Benzo(k)fluoranthene

Concen: 3.856 ng/mL

RT: 22.69 min Scan# 3366

Delta R.T. -0.02 min

Lab File: BM018316.D

Acq: 20 Dec 2018 03:01

Instrument :

BNA_M

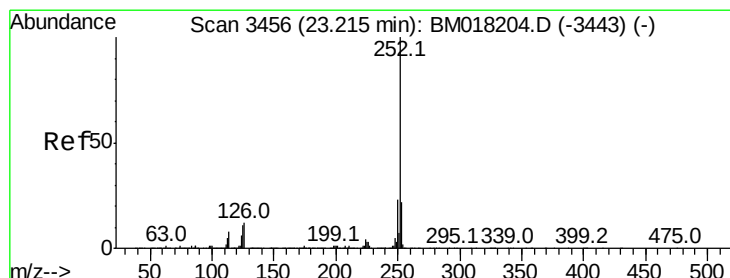
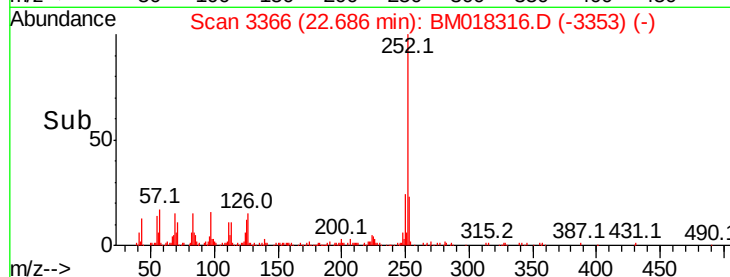
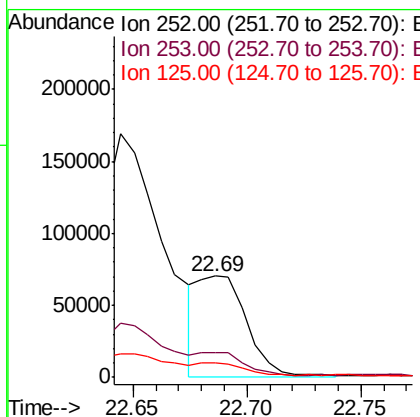
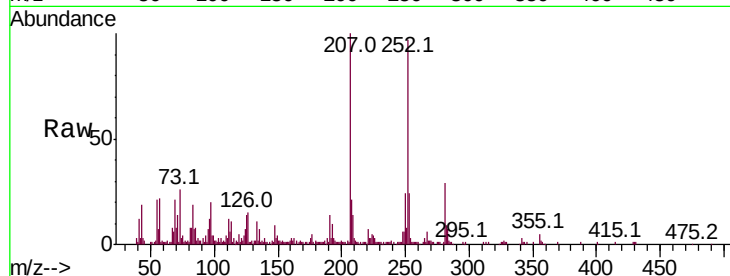
ClientSampleId :

P001-SS003-0612-01

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.5	16.9	25.3
125	14.2	7.5	11.3

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#90

Benzo(a)pyrene

Concen: 7.179 ng/mL

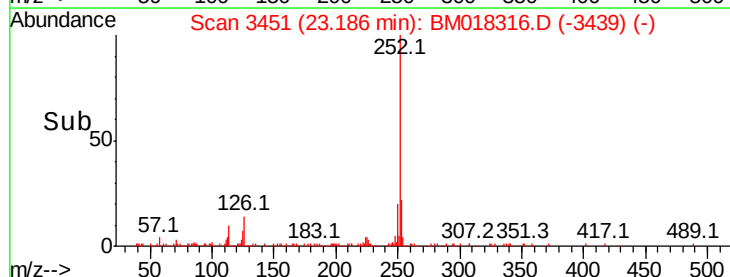
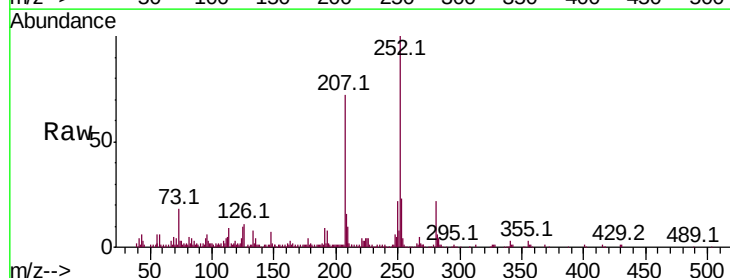
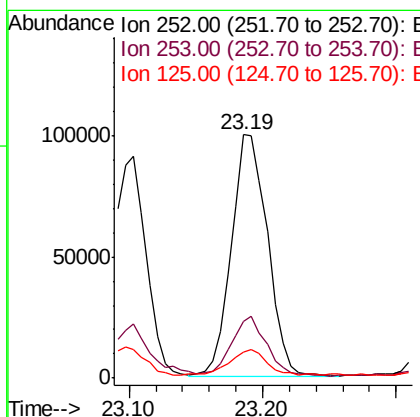
RT: 23.19 min Scan# 3451

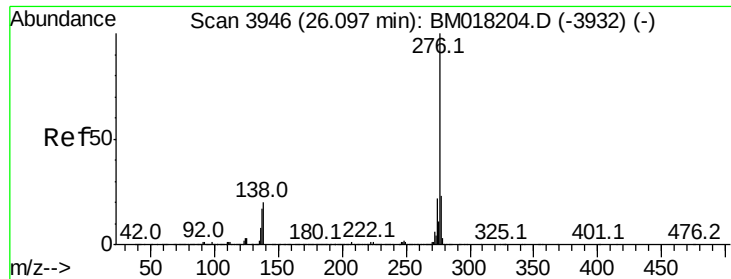
Delta R.T. -0.03 min

Lab File: BM018316.D

Acq: 20 Dec 2018 03:01

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.6	26.4
125	10.4	8.6	12.8





#92
 Benzo(a,h,i)perylene
 Concen: 6.056 ng
 RT: 26.06 min Scan# 3940
 Delta R.T. -0.04 min
 Lab File: BM018316.D
 Acq: 20 Dec 2018 03:01

Instrument :
 BNA_M
 ClientSampleId :
 P001-SS003-0612-01

Tot Ion	Ratio	Resp	Lower	Upper
276	100	138575		
277	24.1		18.7	28.1
138	18.9		15.8	23.8

Manual Integrations
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Sohil
 12/20/2018 2:55:18 PM

