

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121918\
 Data File : BM018313.D
 Acq On : 20 Dec 2018 01:13
 Operator : JU/SJ
 Sample : J6379-06
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 P001-SS004-0006-01

Manual Integrations
 APPROVED

Sohil
 12/20/2018 2:55:13 PM

Quant Time: Dec 20 03:00:36 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	7.49	152	110771	20.00	ng	-0.02
21) Naphthalene-d8	10.25	136	396215	20.00	ng	-0.02
39) Acenaphthene-d10	14.14	164	195482	20.00	ng	-0.02
64) Phenanthrene-d10	16.91	188	402598	20.00	ng	-0.01
76) Chrysene-d12	21.13	240	486459	20.00	ng	-0.02
87) Perylene-d12	23.29	264	542169	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.12	112	834281	125.81	ng	0.00
7) Phenol-d6	6.69	99	1099891	119.34	ng	-0.02
23) Nitrobenzene-d5	8.64	82	706511	91.46	ng	-0.02
42) 2,4,6-Tribromophenol	15.66	330	334685	116.65	ng	-0.01
45) 2-Fluorobiphenyl	12.75	172	1221700	80.95	ng	-0.02
79) Terphenyl-d14	19.56	244	1404282	65.29	ng	-0.01
Target Compounds						
10) Phenol	6.72	94	64252	6.583	ng	94
50) Dimethylphthalate	13.62	163	103959	6.397	ng	100
75) Fluoranthene	18.98	202	116397	4.578	ng	99
78) Pyrene	19.34	202	99590	3.436	ng	97
81) Benzo(a)anthracene	21.11	228	88039	3.098	ng	98
83) Chrysene	21.16	228	105914	3.875	ng	96
86) Indeno(1,2,3-cd)pyrene	25.41	276	120697	4.433	ng	95
88) Benzo(b)fluoranthene	22.64	252	207100	6.800	ng	# 93
89) Benzo(k)fluoranthene	22.69	252	73066m	2.409	ng	
90) Benzo(a)pyrene	23.19	252	125485	4.332	ng	99
92) Benzo(g,h,i)perylene	26.06	276	126563	4.990	ng	96

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

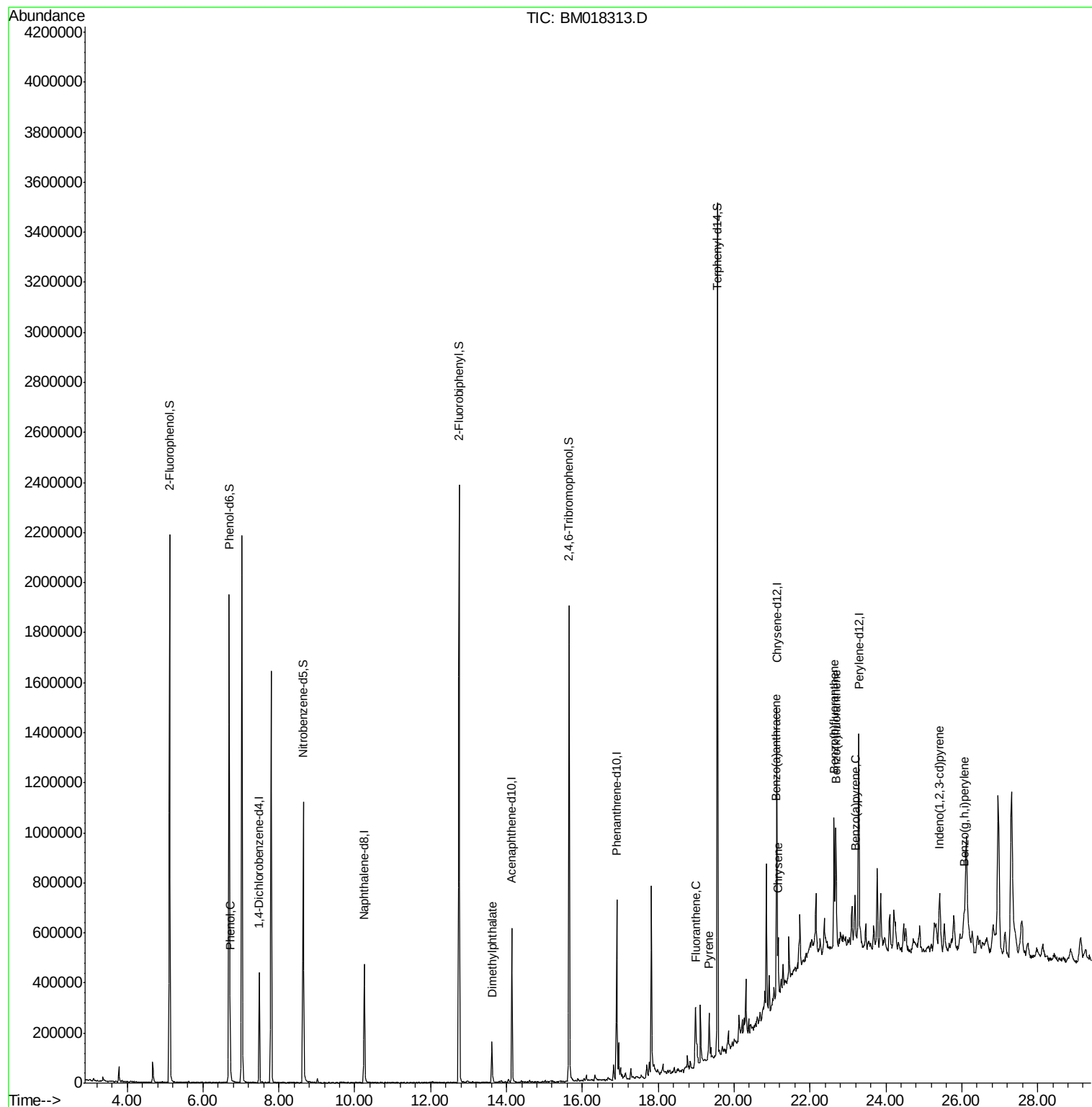
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121918\
Data File : BM018313.D
Acq On : 20 Dec 2018 01:13
Operator : JU/SJ
Sample : J6379-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

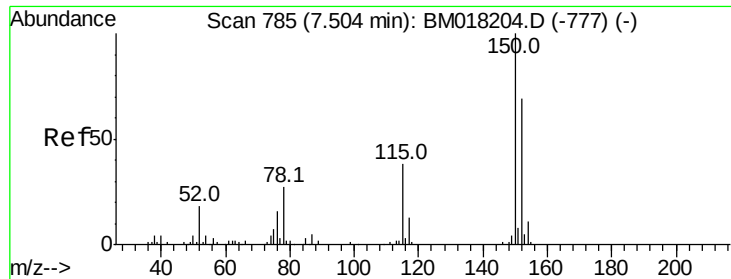
Instrument :
BNA_M
ClientSampleId :
P001-SS004-0006-01

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Quant Time: Dec 20 03:00:36 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





#1

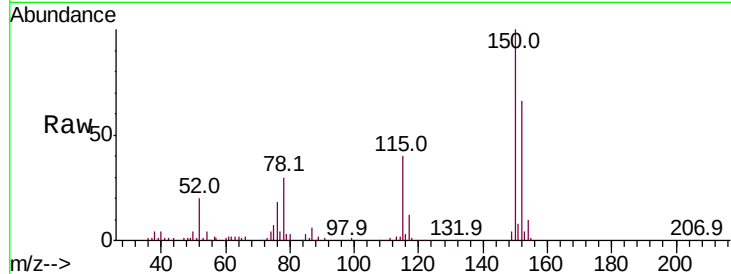
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.49 min Scan# 782
Delta R.T. -0.02 min
Lab File: BM018313.D
Acq: 20 Dec 2018 01:13

Instrument :
BNA_M
ClientSampleId :
P001-SS004-0006-01

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.1	116.1	174.1
115	60.7	44.6	67.0

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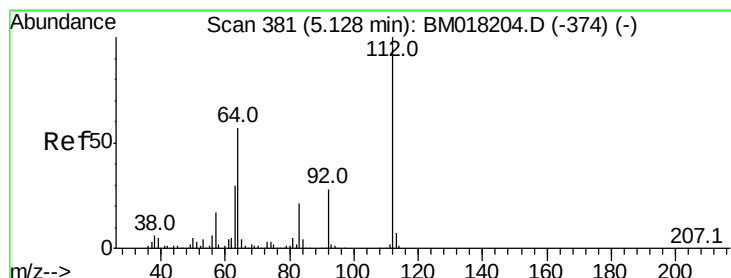
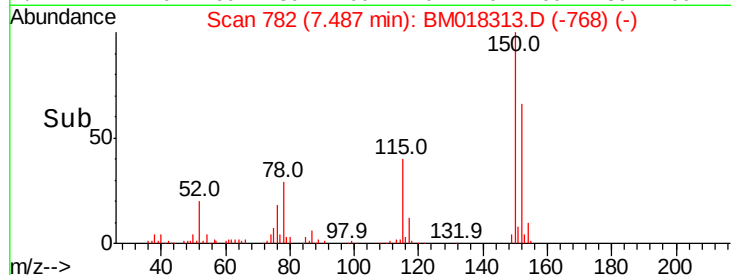
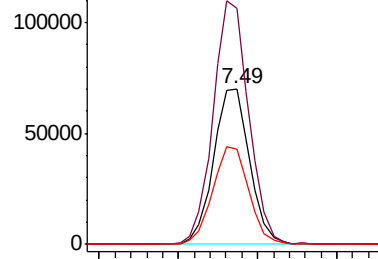


Abundance

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: 125.814 ng
RT: 5.12 min Scan# 380
Delta R.T. -0.01 min
Lab File: BM018313.D
Acq: 20 Dec 2018 01:13

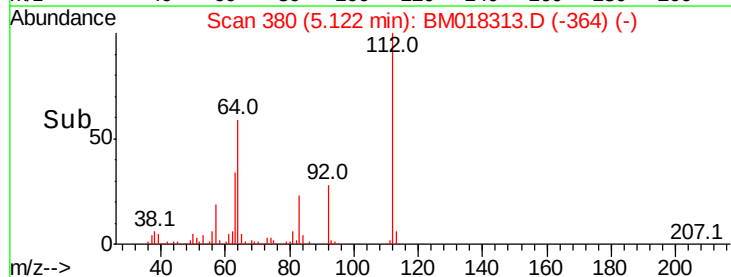
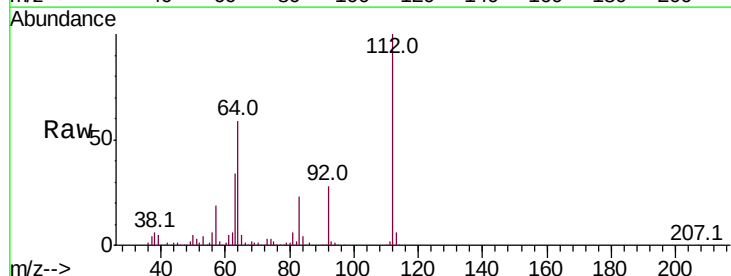
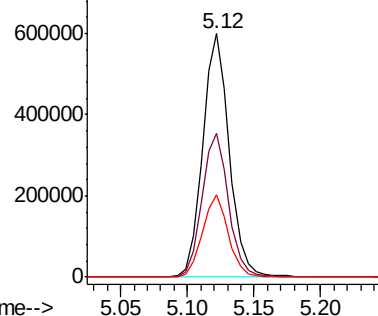
Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.1	45.4	68.2
63	33.9	24.0	36.0

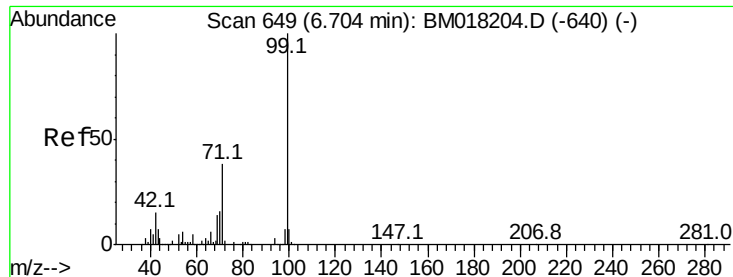
Abundance

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: 119.337 ng

RT: 6.69 min Scan# 646

Delta R.T. -0.02 min

Lab File: BM018313.D

Acq: 20 Dec 2018 01:13

Instrument :

BNA_M

ClientSampleId :

P001-SS004-0006-01

Tot Ion: 99 Resp: 1099891

Ion Ratio Lower Upper

99 100

42 16.0 12.3 18.5

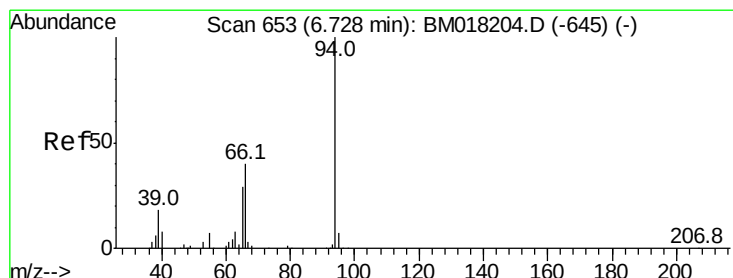
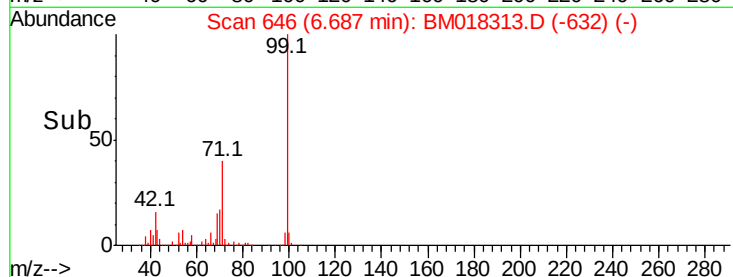
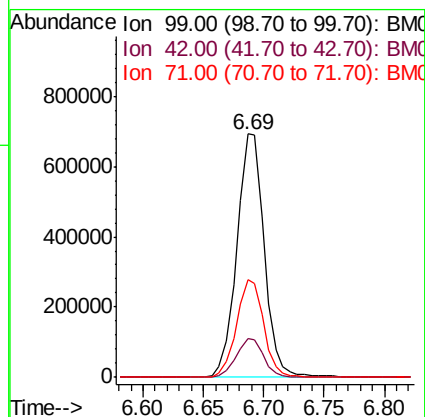
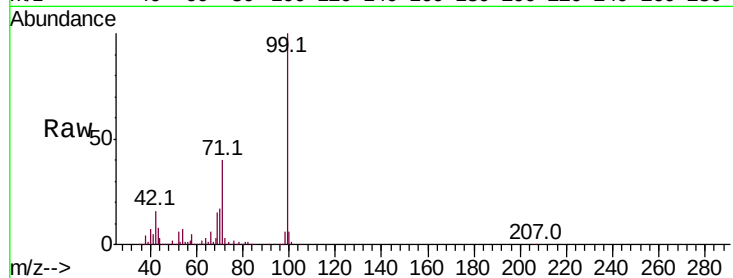
71 40.1 30.2 45.2

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#10

Phenol

Concen: 6.583 ng

RT: 6.72 min Scan# 651

Delta R.T. -0.01 min

Lab File: BM018313.D

Acq: 20 Dec 2018 01:13

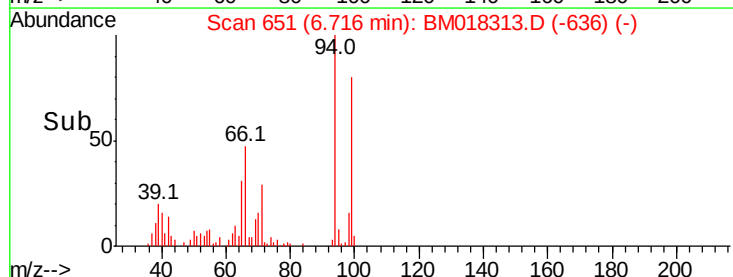
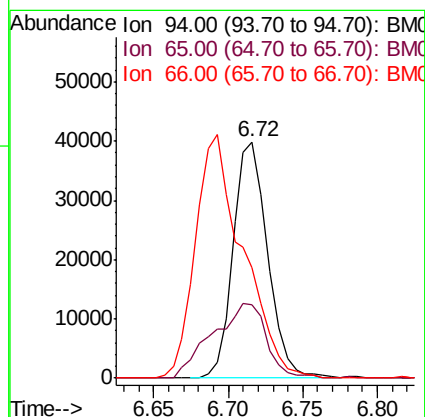
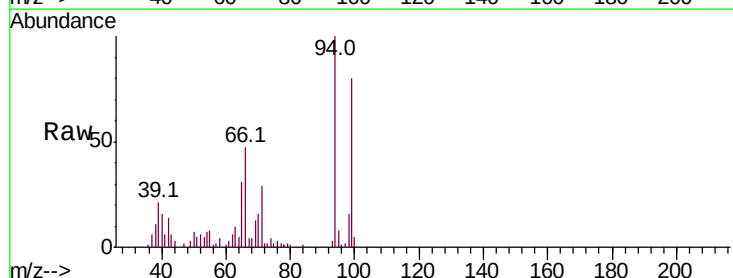
Tgt Ion: 94 Resp: 64252

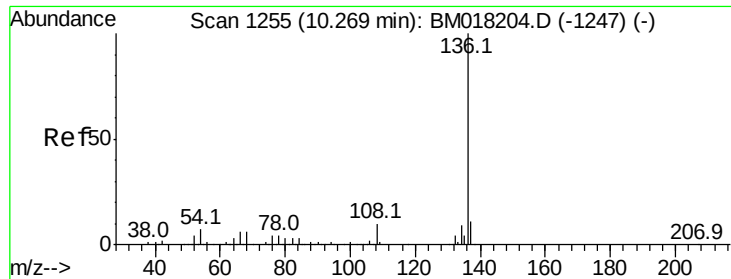
Ion Ratio Lower Upper

94 100

65 31.3 9.5 49.5

66 46.7 21.3 61.3





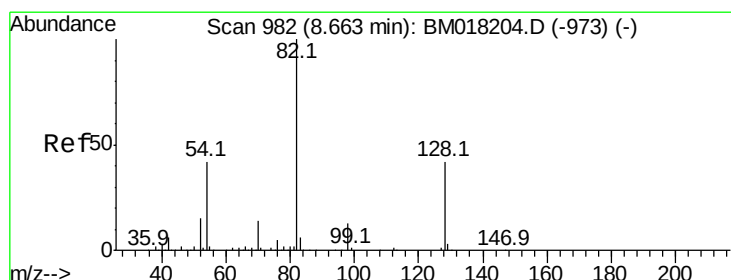
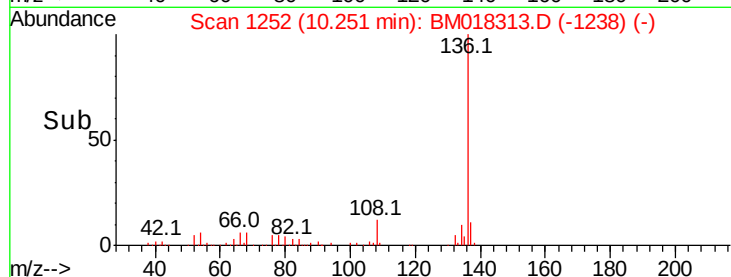
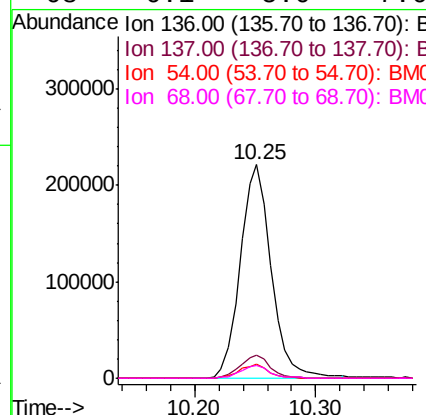
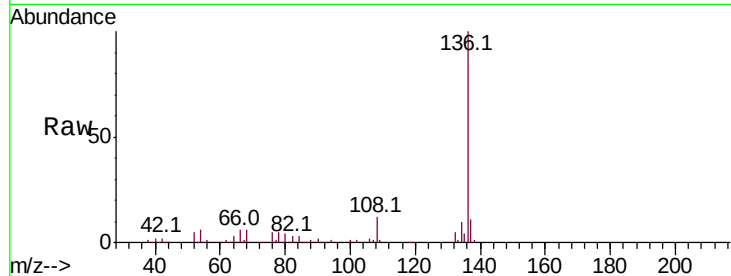
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.25 min Scan# 1252
Delta R.T. -0.02 min
Lab File: BM018313.D
Acq: 20 Dec 2018 01:13

Instrument :
BNA_M
ClientSampleId :
P001-SS004-0006-01

Tot Ion	Ratio	Resp	Lower	Upper
136	100	396215		
137	10.9	9.2	13.8	
54	6.3	5.2	7.8	
68	6.1	5.0	7.6	

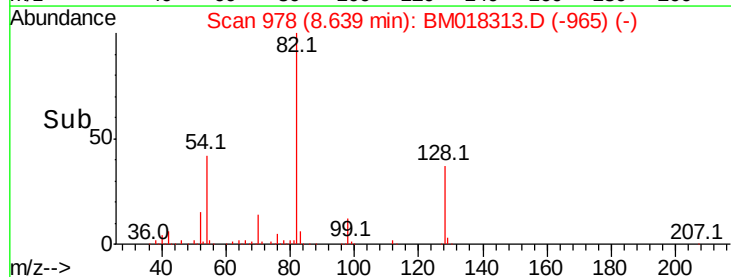
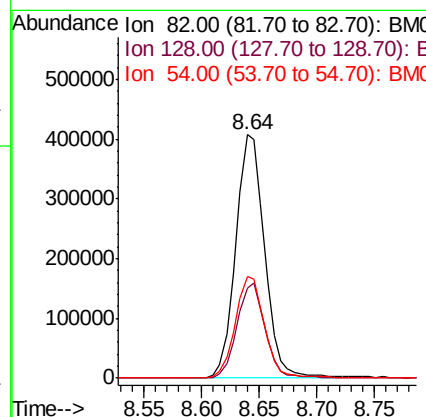
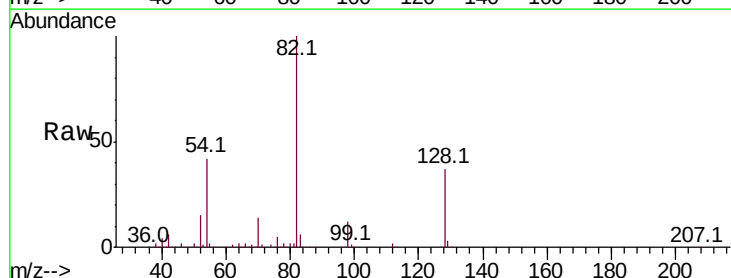
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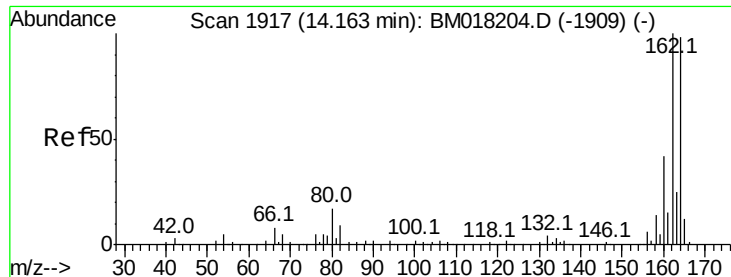
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#23
Nitrobenzene-d5
Concen: 91.464 ng
RT: 8.64 min Scan# 978
Delta R.T. -0.02 min
Lab File: BM018313.D
Acq: 20 Dec 2018 01:13

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	706511		
128	36.7	33.4	50.2	
54	41.7	33.4	50.2	





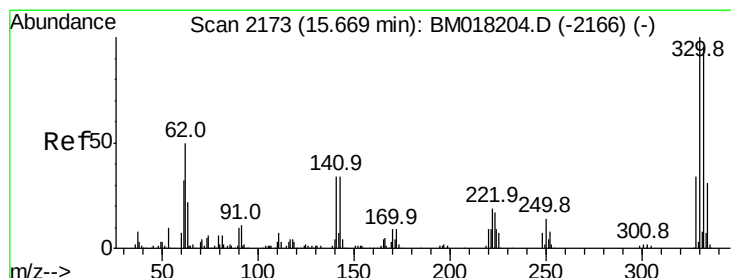
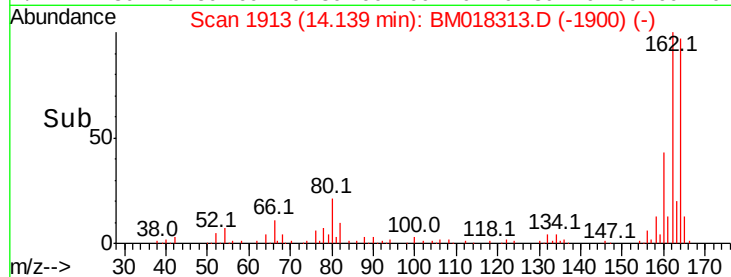
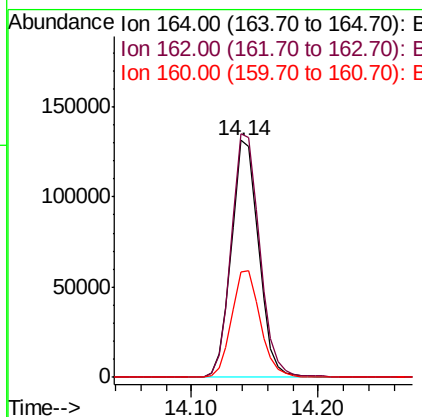
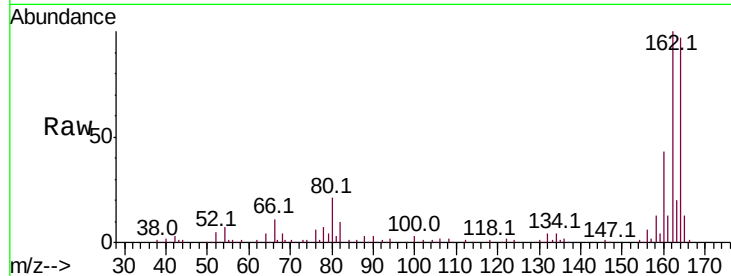
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.14 min Scan# 1913
Delta R.T. -0.02 min
Lab File: BM018313.D
Acq: 20 Dec 2018 01:13

Instrument :
BNA_M
ClientSampleId :
P001-SS004-0006-01

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.9	81.8	122.6
160	44.6	34.6	51.8

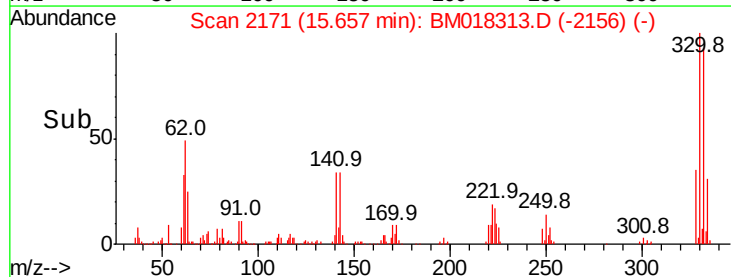
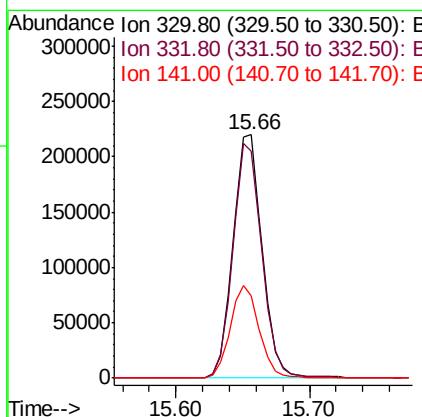
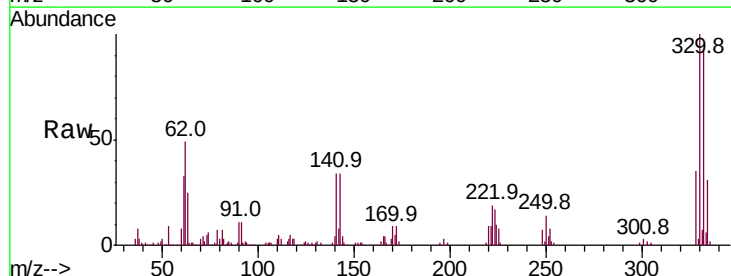
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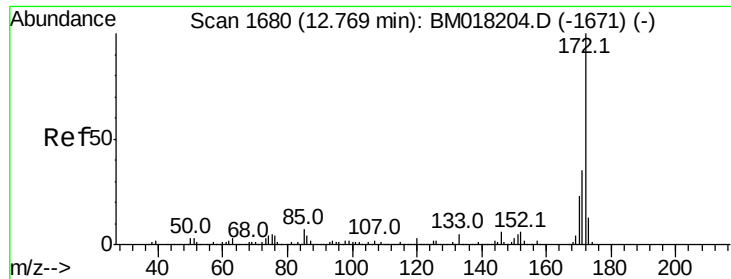
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#42
2,4,6-Tribromophenol
Concen: 116.650 ng
RT: 15.66 min Scan# 2171
Delta R.T. -0.01 min
Lab File: BM018313.D
Acq: 20 Dec 2018 01:13

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.8	78.6	118.0
141	38.0	27.1	40.7





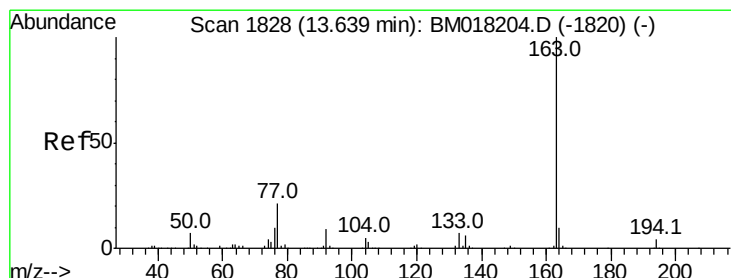
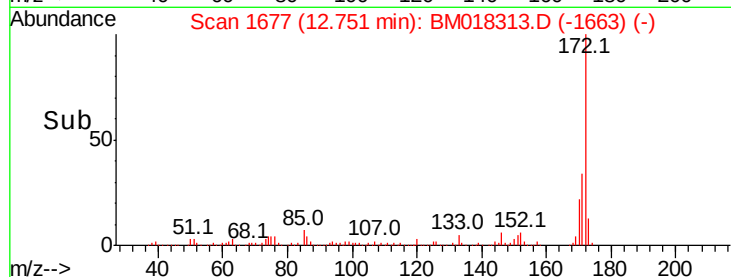
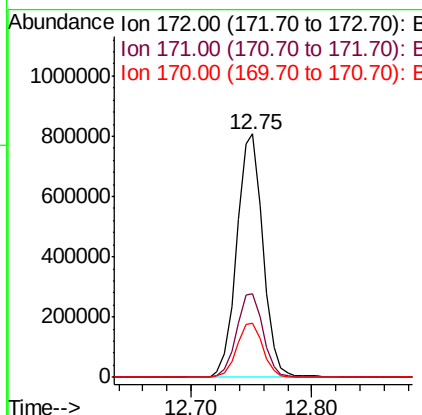
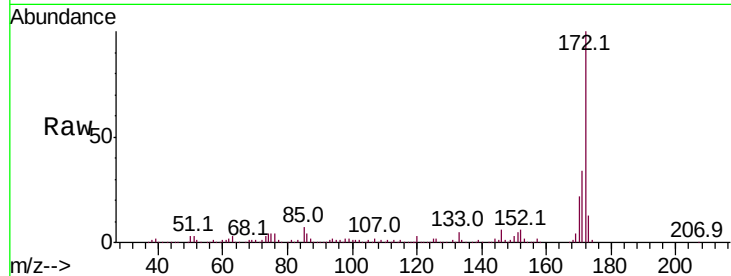
#45
2-Fluorobiphenyl
Concen: 80.948 ng
RT: 12.75 min Scan# 1677
Delta R.T. -0.02 min
Lab File: BM018313.D
Acq: 20 Dec 2018 01:13

Instrument :
BNA_M
ClientSampleId :
P001-SS004-0006-01

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.1	28.3	42.5
170	22.3	18.1	27.1

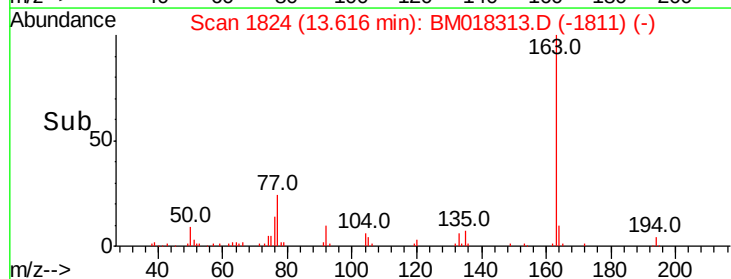
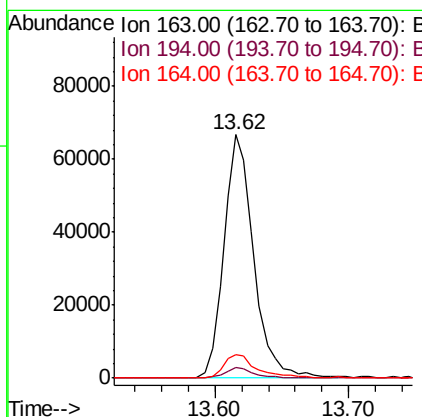
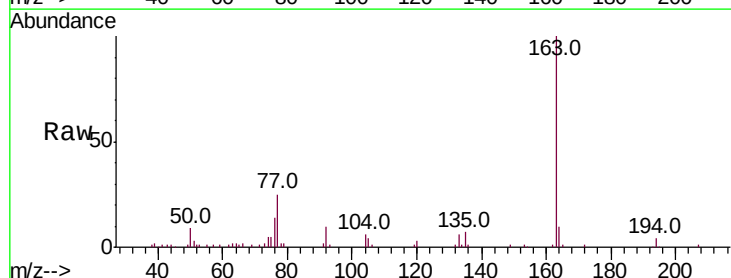
Manual Integrations
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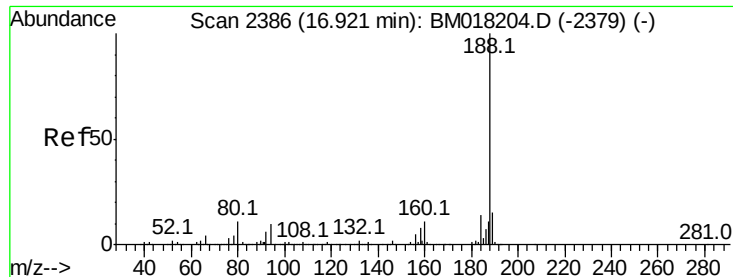
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#50
Dimethylphthalate
Concen: 6.397 ng
RT: 13.62 min Scan# 1824
Delta R.T. -0.02 min
Lab File: BM018313.D
Acq: 20 Dec 2018 01:13

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.1	4.7
164	9.8	7.9	11.9





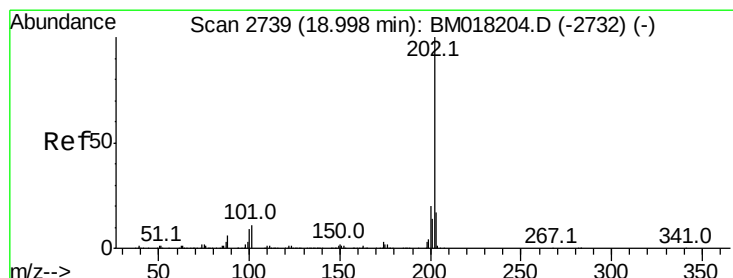
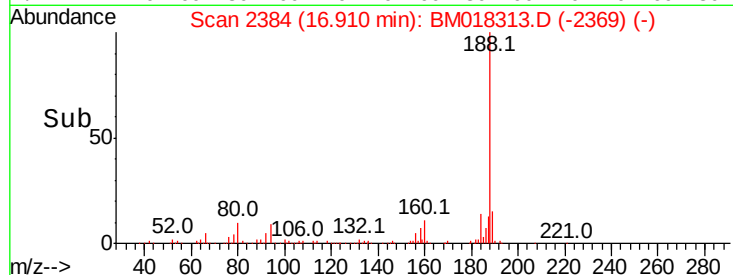
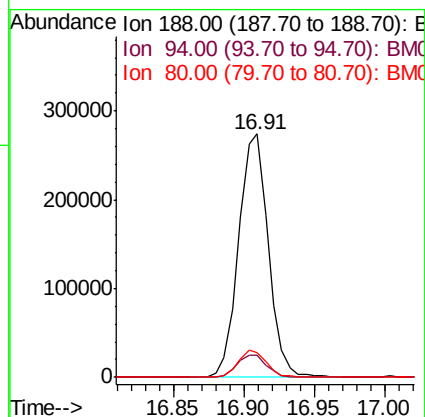
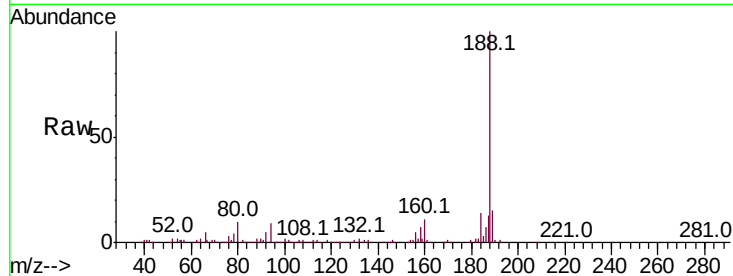
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.91 min Scan# 2384
Delta R.T. -0.01 min
Lab File: BM018313.D
Acq: 20 Dec 2018 01:13

Instrument :
BNA_M
ClientSampleId :
P001-SS004-0006-01

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	9.3	8.0	12.0	
80	10.4	9.0	13.6	

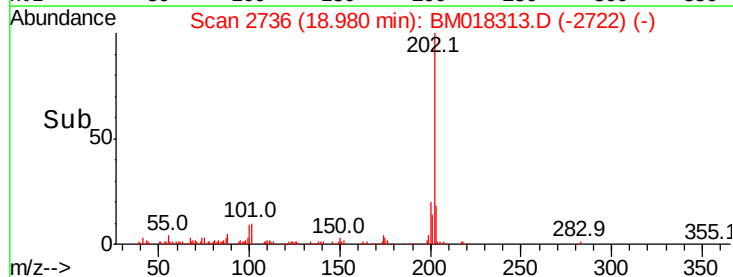
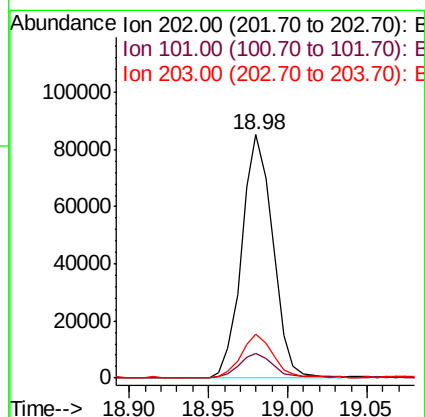
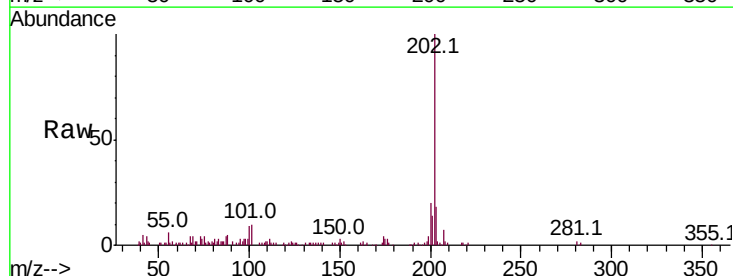
Manual Integrations
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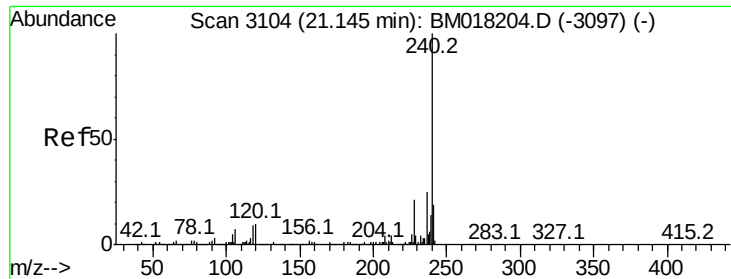
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#75
Fluoranthene
Concen: 4.578 ng
RT: 18.98 min Scan# 2736
Delta R.T. -0.02 min
Lab File: BM018313.D
Acq: 20 Dec 2018 01:13

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
101	10.2	0.0	30.5	
203	17.8	0.0	37.5	





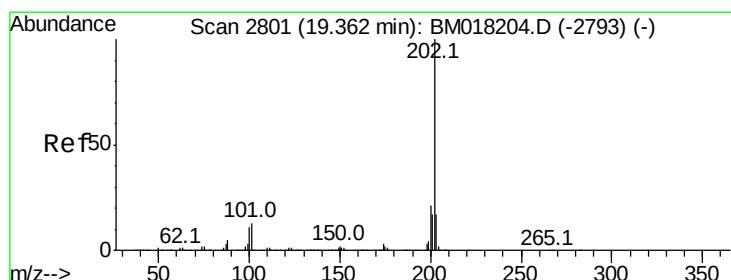
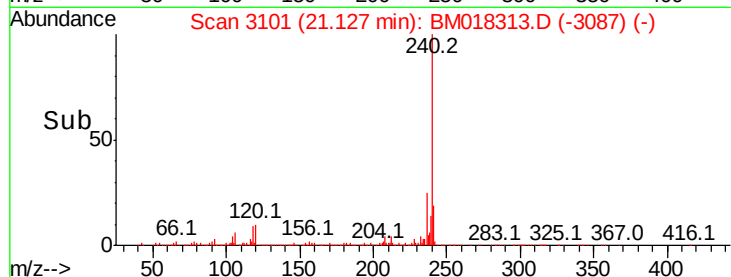
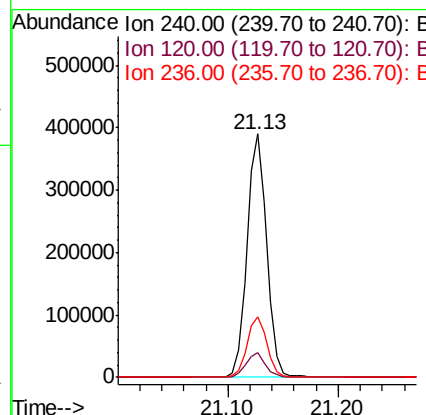
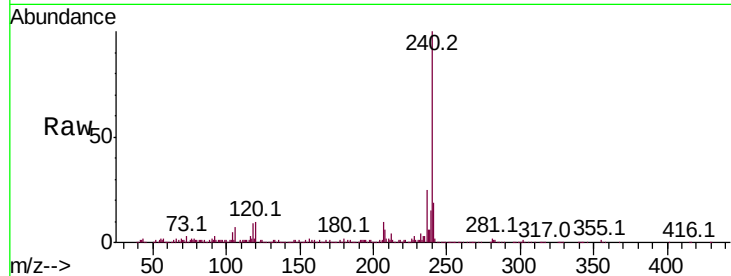
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.13 min Scan# 3101
Delta R.T. -0.02 min
Lab File: BM018313.D
Acq: 20 Dec 2018 01:13

Instrument :
BNA_M
ClientSampleId :
P001-SS004-0006-01

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.1	8.2	12.2
236	25.1	20.3	30.5

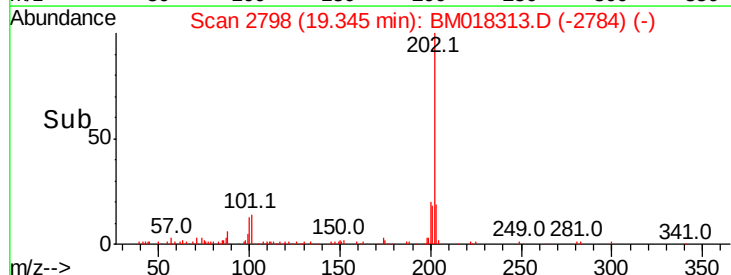
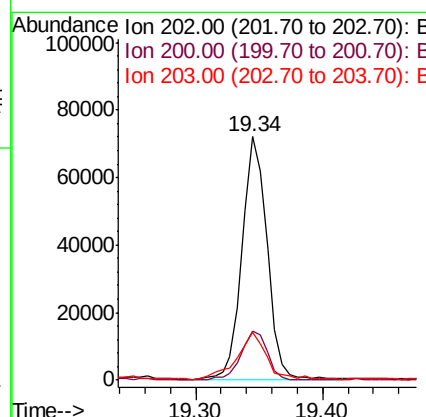
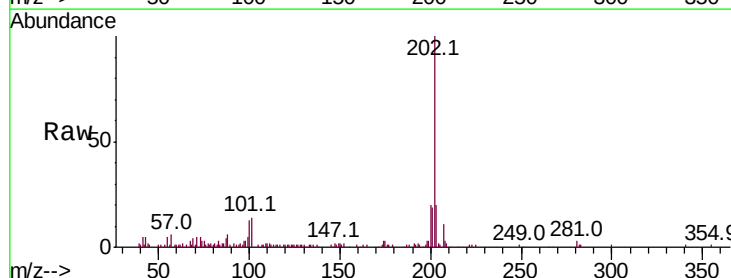
Manual Integrations
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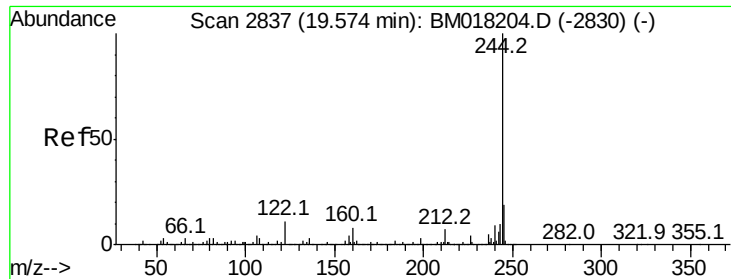
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#78
Pyrene
Concen: 3.436 ng
RT: 19.34 min Scan# 2798
Delta R.T. -0.02 min
Lab File: BM018313.D
Acq: 20 Dec 2018 01:13

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.1	16.5	24.7
203	19.8	14.0	21.0





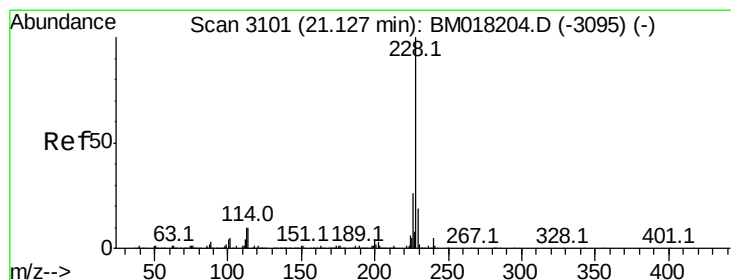
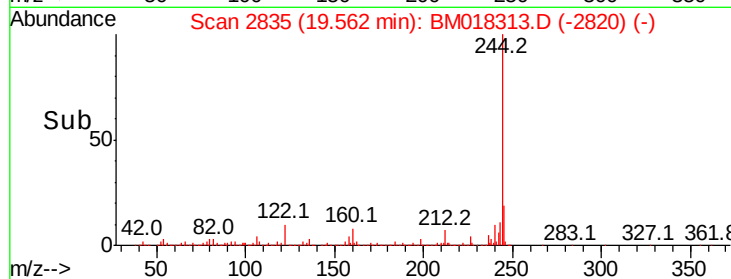
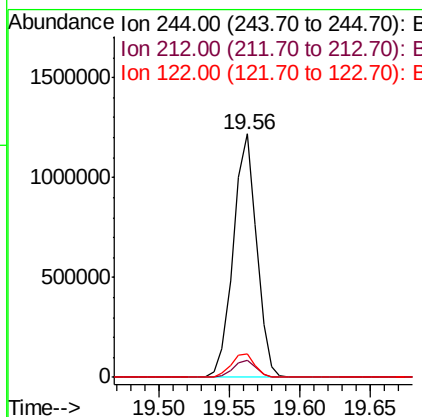
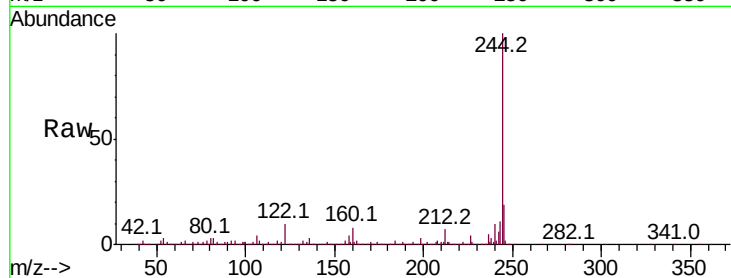
#79
 Terphenyl-d14
 Concen: 65.288 ng
 RT: 19.56 min Scan# 2835
 Delta R.T. -0.01 min
 Lab File: BM018313.D
 Acq: 20 Dec 2018 01:13

Instrument :
 BNA_M
 ClientSampleId :
 P001-SS004-0006-01

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.8
122	9.8	9.0	13.6

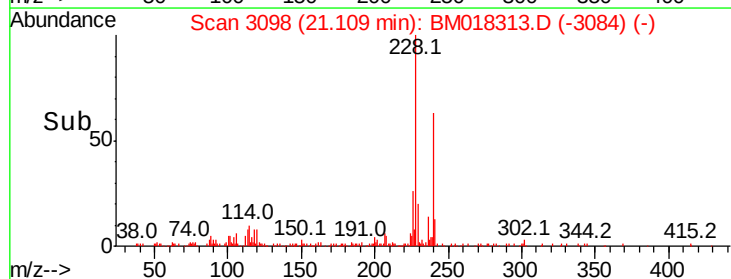
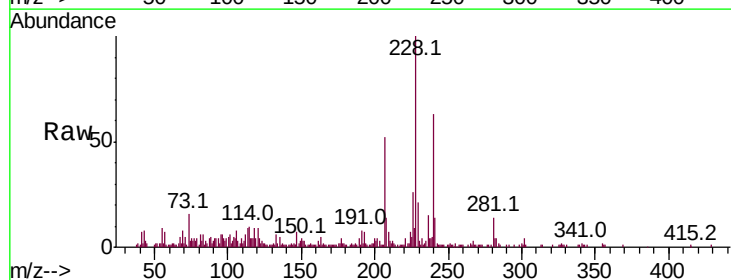
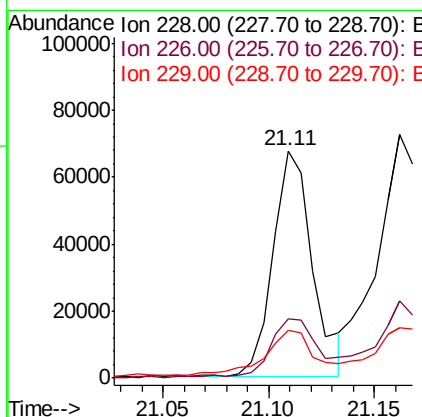
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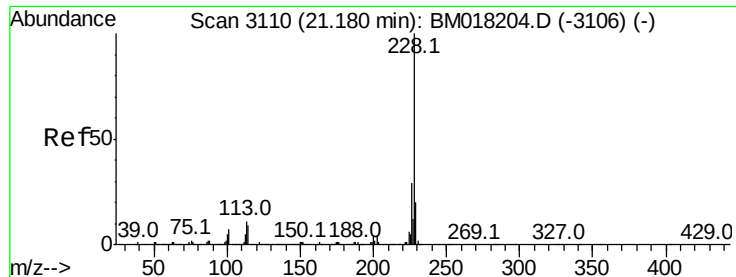
Sohil
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#81
 Benzo(a)anthracene
 Concen: 3.098 ng
 RT: 21.11 min Scan# 3098
 Delta R.T. -0.02 min
 Lab File: BM018313.D
 Acq: 20 Dec 2018 01:13

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.1	21.0	31.4
229	21.1	15.5	23.3





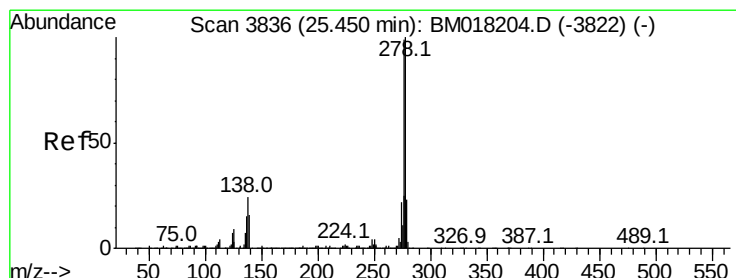
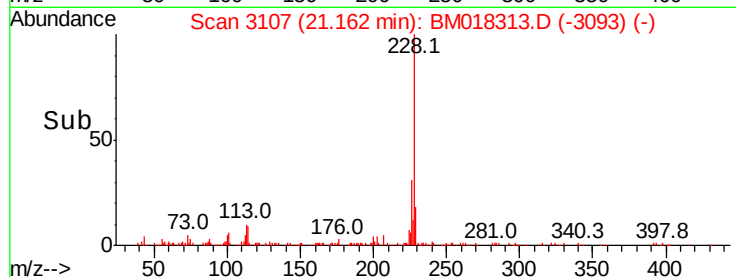
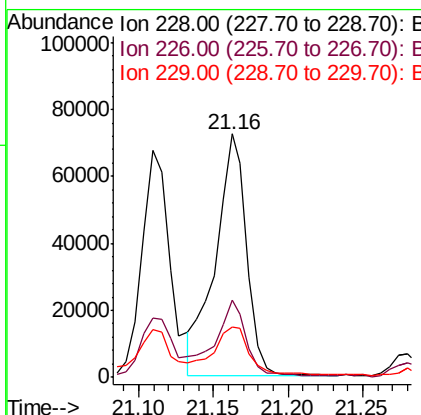
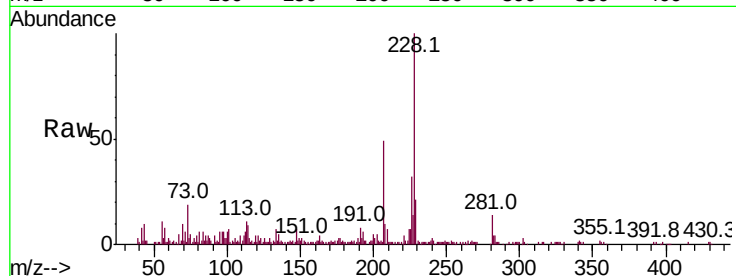
#83
Chrysene
Concen: 3.875 ng
RT: 21.16 min Scan# 3107
Delta R.T. -0.02 min
Lab File: BM018313.D
Acq: 20 Dec 2018 01:13

Instrument :
BNA_M
ClientSampleId :
P001-SS004-0006-01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
228	100				
226	31.8	23.1	34.7		
229	20.8	15.8	23.6		

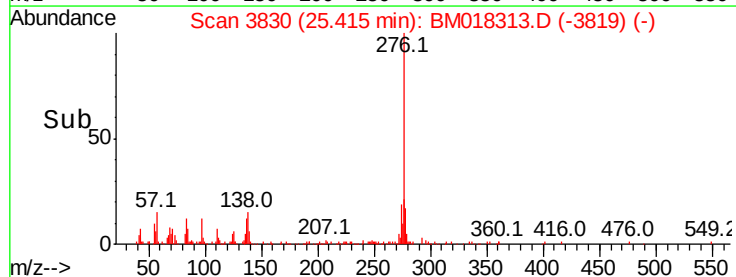
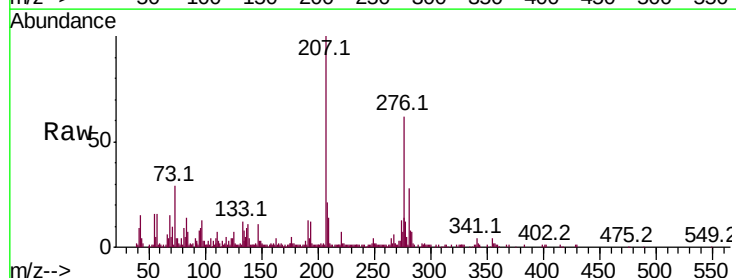
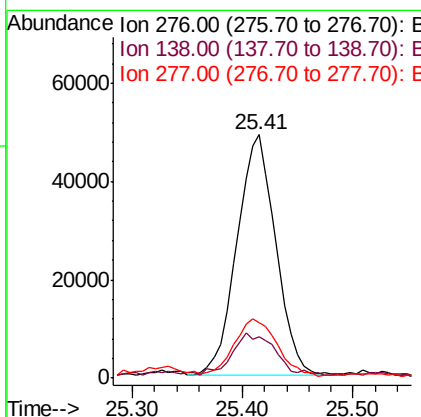
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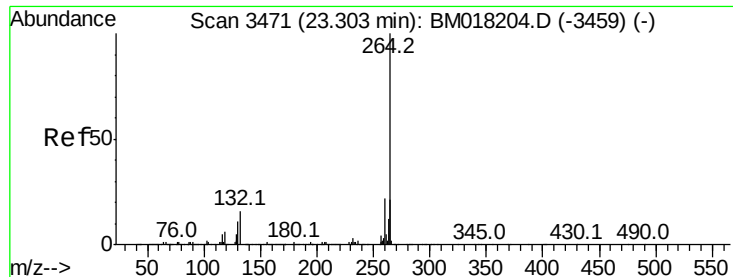
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#86
Indeno(1,2,3-cd)pyrene
Concen: 4.433 ng
RT: 25.41 min Scan# 3830
Delta R.T. -0.04 min
Lab File: BM018313.D
Acq: 20 Dec 2018 01:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
276	100				
138	18.8	18.6	28.0		
277	25.7	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: BM018313.D

Acq: 20 Dec 2018 01:13

Instrument :

BNA_M

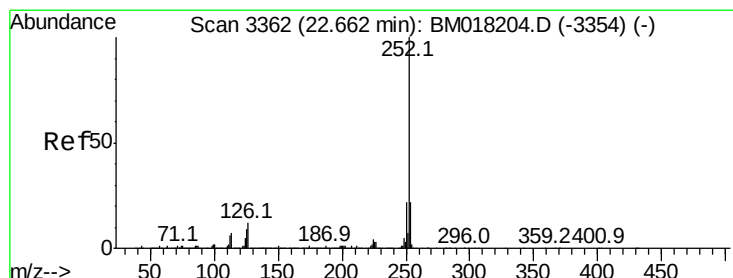
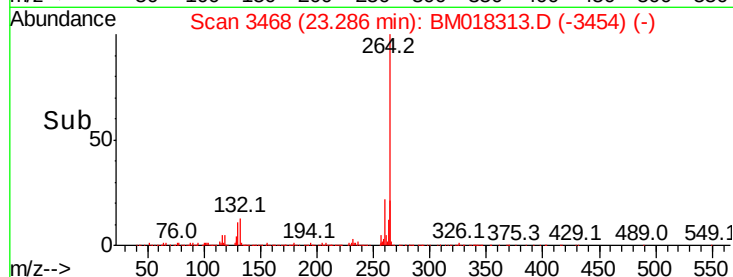
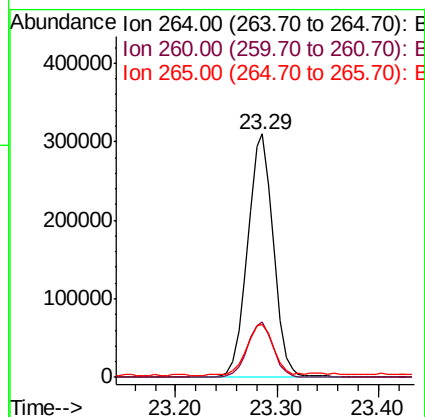
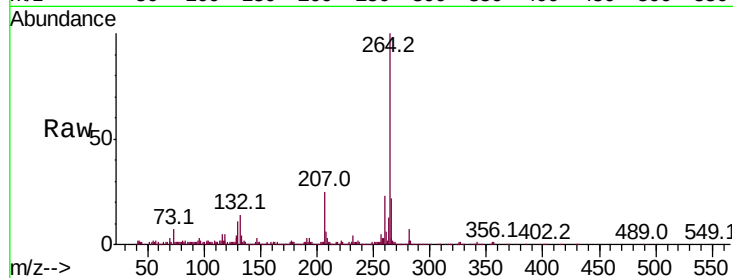
ClientSampleId :

P001-SS004-0006-01

Tot Ion:	264	Resp:	542169
Ion Ratio	Lower	Upper	
264	100		
260	22.6	17.5	26.3
265	21.9	17.3	25.9

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#88

Benzo(b)fluoranthene

Concen: 6.800 ng

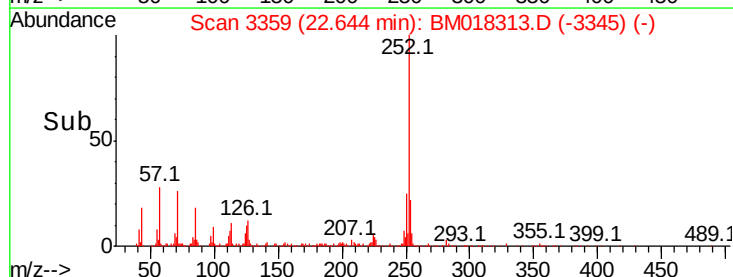
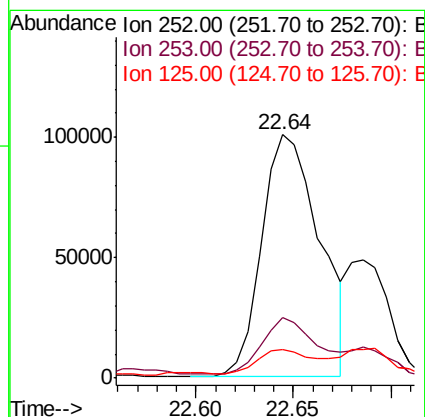
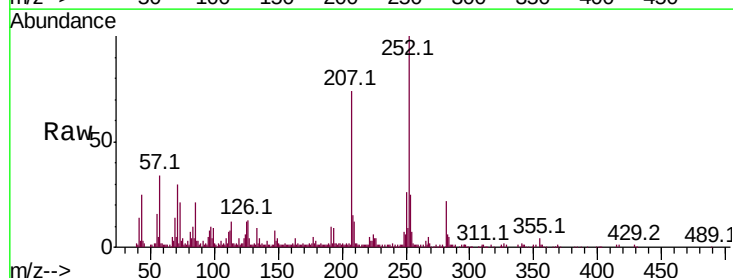
RT: 22.64 min Scan# 3359

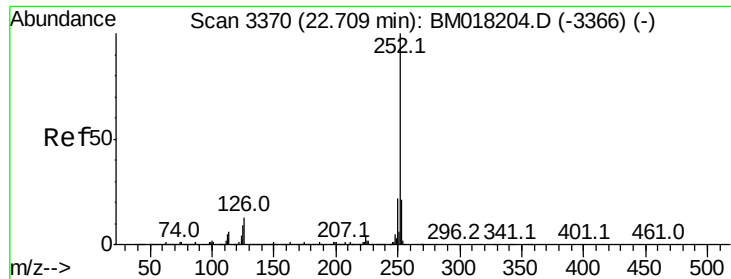
Delta R.T. -0.02 min

Lab File: BM018313.D

Acq: 20 Dec 2018 01:13

Tgt Ion:	252	Resp:	207100
Ion Ratio	Lower	Upper	
252	100		
253	25.1	17.6	26.4
125	11.7	7.4	11.0#





#89

Benzo(k)fluoranthene

Concen: 2.409 ng/mL

RT: 22.69 min Scan# 3366

Delta R.T. -0.02 min

Lab File: BM018313.D

Acq: 20 Dec 2018 01:13

Instrument :

BNA_M

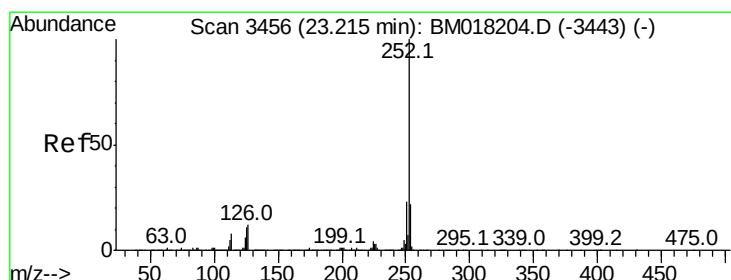
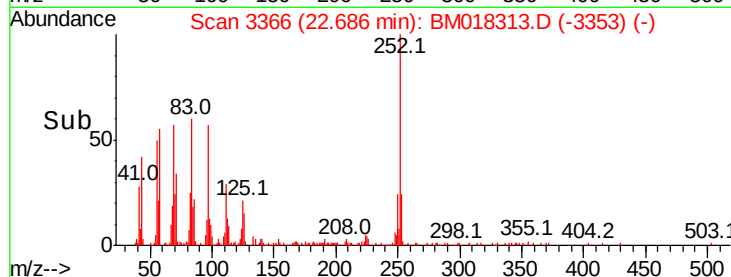
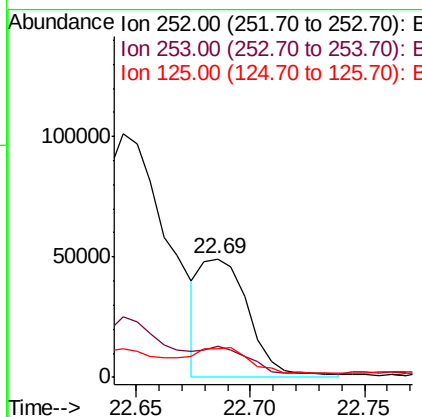
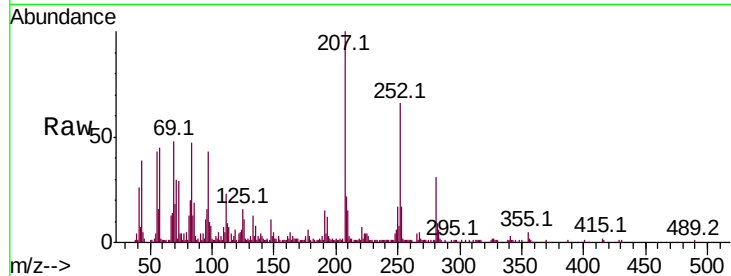
ClientSampleId :

P001-SS004-0006-01

Tot Ion:	252	Resp:	73066
Ion Ratio	Lower	Upper	
252	100		
253	26.3	16.9	25.3#
125	24.1	7.5	11.3#

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#90

Benzo(a)pyrene

Concen: 4.332 ng/mL

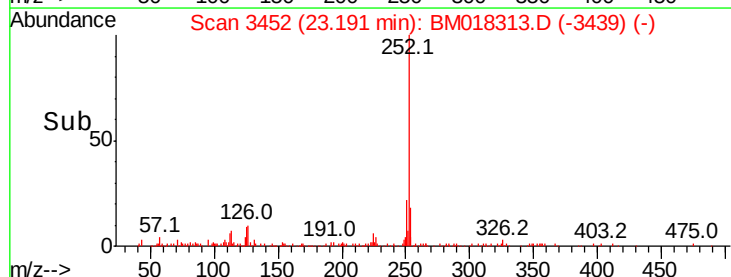
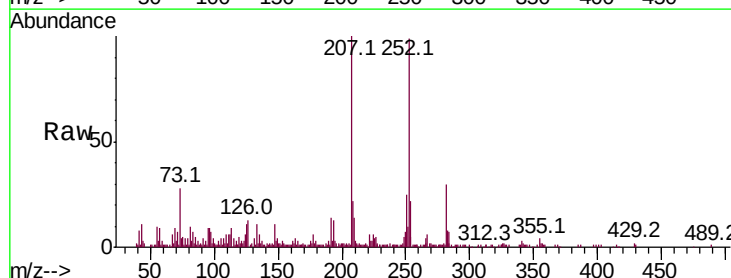
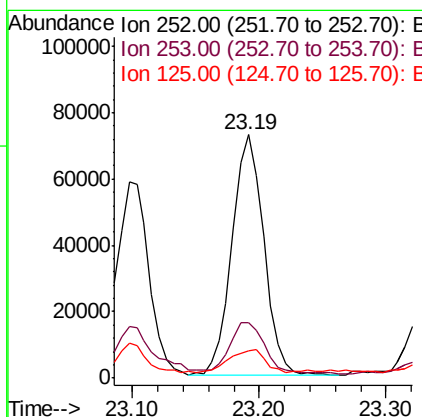
RT: 23.19 min Scan# 3452

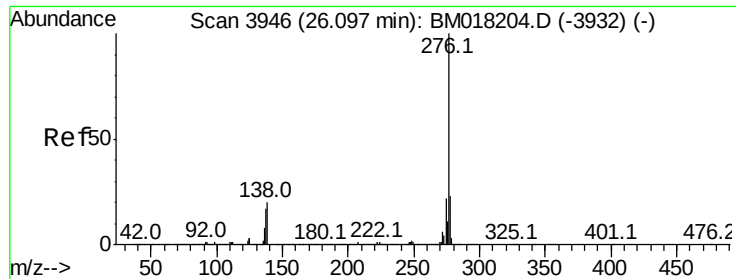
Delta R.T. -0.02 min

Lab File: BM018313.D

Acq: 20 Dec 2018 01:13

Tgt Ion:	252	Resp:	125485
Ion Ratio	Lower	Upper	
252	100		
253	22.5	17.6	26.4
125	11.1	8.6	12.8





#92
 Benzo(a,h,i)perylene
 Concen: 4.990 ng
 RT: 26.06 min Scan# 3940
 Delta R.T. -0.04 min
 Lab File: BM018313.D
 Acq: 20 Dec 2018 01:13

Instrument :
 BNA_M
 ClientSampleId :
 P001-SS004-0006-01

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.8	18.7	28.1
138	17.3	15.8	23.8

Manual Integrations
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