

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122118\
 Data File : BM018371.D
 Acq On : 21 Dec 2018 23:42
 Operator : JU/SJ
 Sample : J6501-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 VNJ-221

Manual Integrations
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Quant Time: Dec 22 05:48:38 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	114079	20.00	ng	-0.02
21) Naphthalene-d8	10.25	136	487181	20.00	ng	-0.02
39) Acenaphthene-d10	14.14	164	267146	20.00	ng	-0.02
64) Phenanthrene-d10	16.92	188	537857	20.00	ng	0.00
76) Chrysene-d12	21.14	240	455309	20.00	ng	0.00
87) Perylene-d12	23.30	264	491521	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.13	112	468989	68.68	ng	0.00
7) Phenol-d6	6.70	99	617168	65.02	ng	0.00
23) Nitrobenzene-d5	8.64	82	412855	43.47	ng	-0.02
42) 2,4,6-Tribromophenol	15.66	330	208307	53.13	ng	0.00
45) 2-Fluorobiphenyl	12.75	172	771448	37.40	ng	-0.02
79) Terphenyl-d14	19.57	244	858714	42.65	ng	0.00
Target Compounds						
10) Phenol	6.73	94	45294	4.506	ng	87
50) Dimethylphthalate	13.62	163	88189	3.971	ng	100
75) Fluoranthene	18.99	202	134269	3.953	ng	99
78) Pyrene	19.36	202	118354	4.363	ng	99
81) Benzo(a)anthracene	21.12	228	65317m	2.456	ng	
83) Chrysene	21.17	228	70483	2.755	ng	94
86) Indeno(1,2,3-cd)pyrene	25.44	276	60146	2.360	ng	95
88) Benzo(b)fluoranthene	22.67	252	128760m	4.664	ng	
90) Benzo(a)pyrene	23.21	252	81232	3.093	ng	# 93
92) Benzo(g,h,i)perylene	26.10	276	63621	2.767	ng	# 87

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

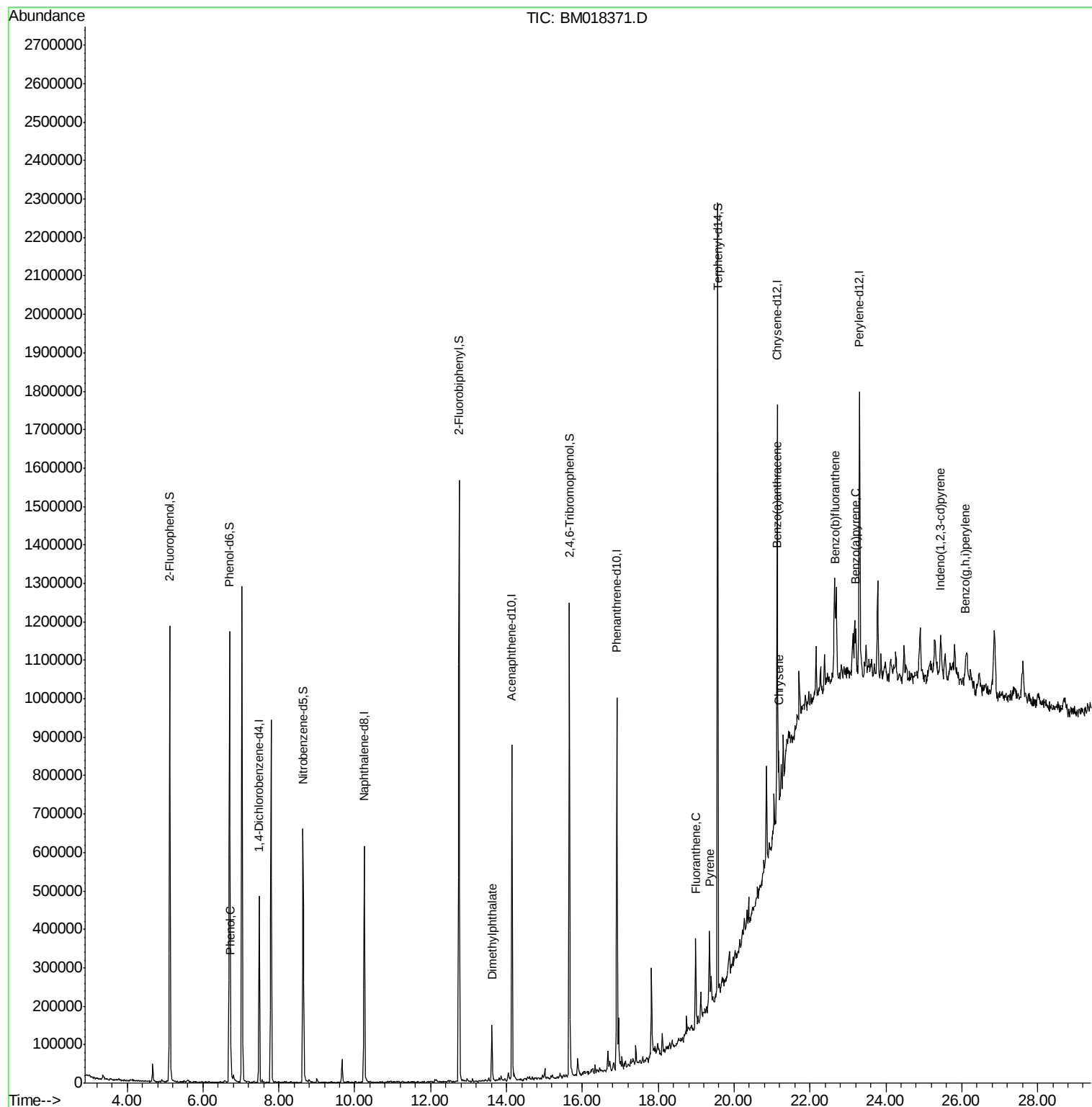
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122118\
Data File : BM018371.D
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Operator : JU/SJ
Sample : J6501-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

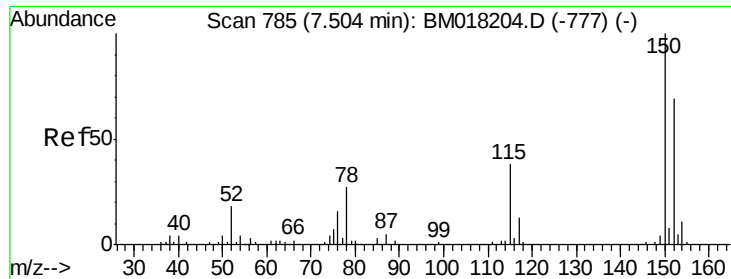
Instrument :
BNA_M
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VNJ-221

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#1

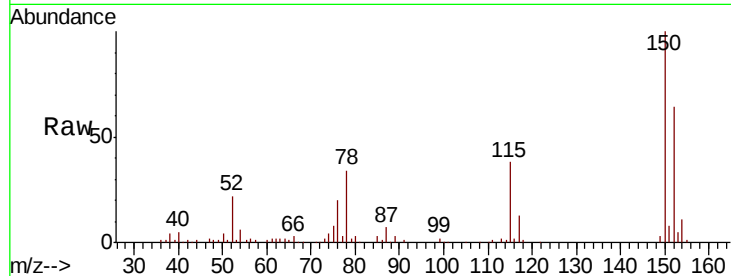
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.48 min Scan# 781
Delta R.T. -0.02 min
Lab File: BM018371.D
Acq: 21 Dec 2018 23:42

Instrument :
BNA_M
ClientSampleId :
VNJ-221

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.3	116.1	174.1
115	59.6	44.6	67.0

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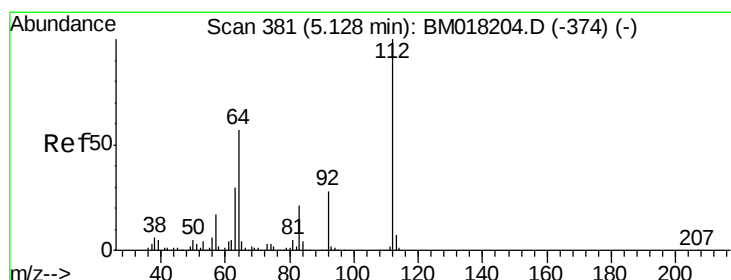
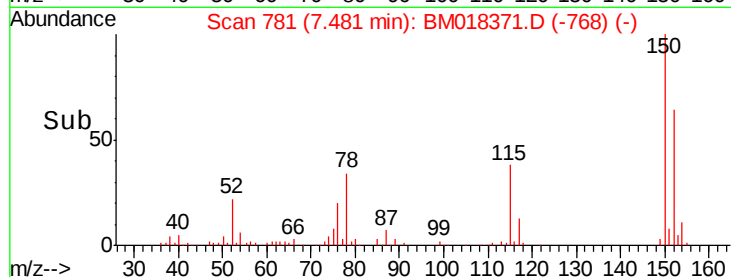
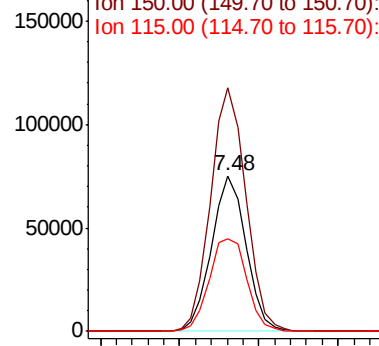


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

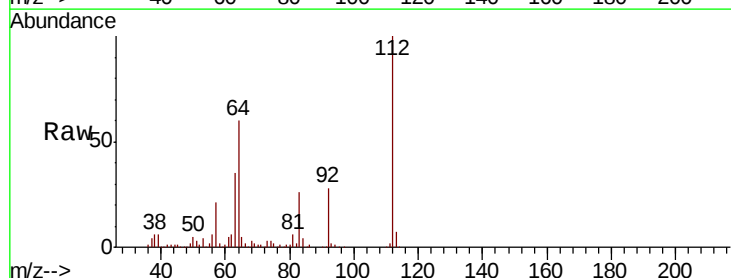
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 68.675 ng
RT: 5.13 min Scan# 381
Delta R.T. -0.00 min
Lab File: BM018371.D
Acq: 21 Dec 2018 23:42

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.0	45.4	68.2
63	35.4	24.0	36.0

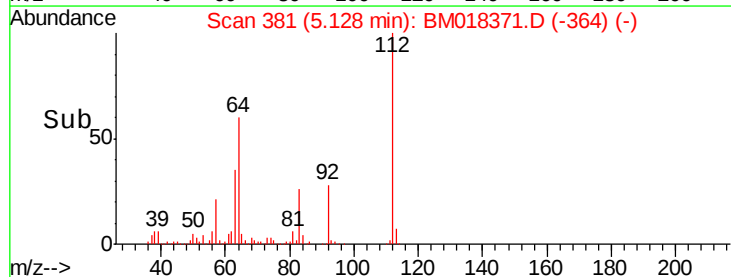
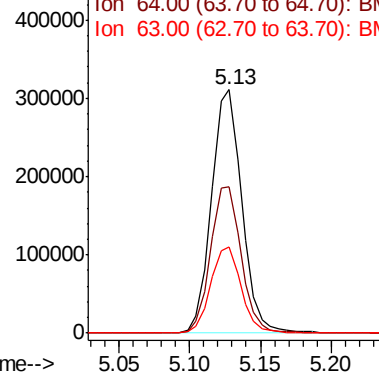


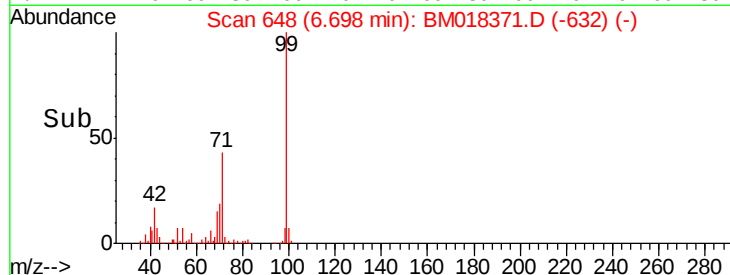
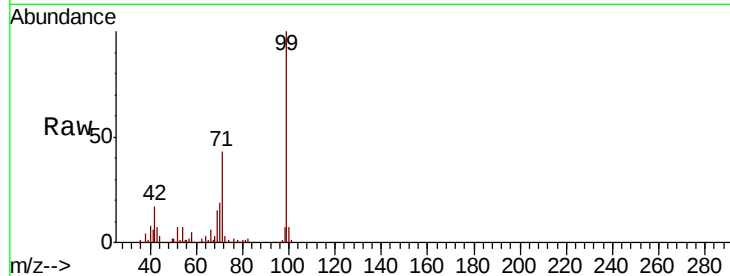
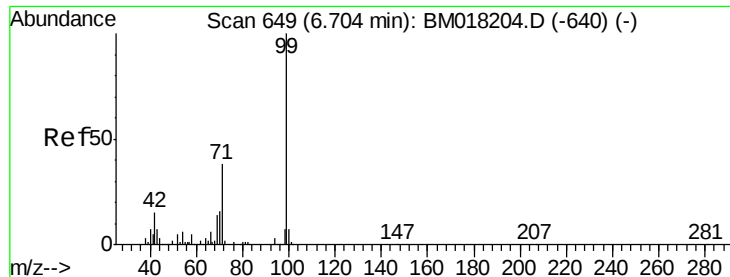
Abundance

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: 65.020 ng

RT: 6.70 min Scan# 648

Delta R.T. -0.01 min

Lab File: BM018371.D

Acq: 21 Dec 2018 23:42

Tot Ion:	99	Resp:	617168
Ion	Ratio	Lower	Upper
99	100		
42	17.5	12.3	18.5
71	43.0	30.2	45.2

Instrument :

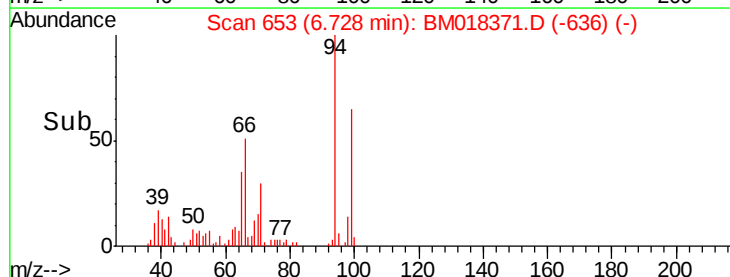
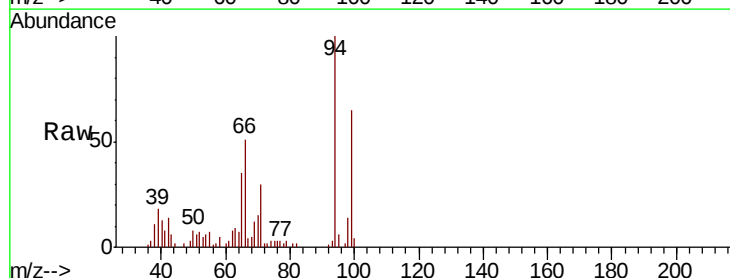
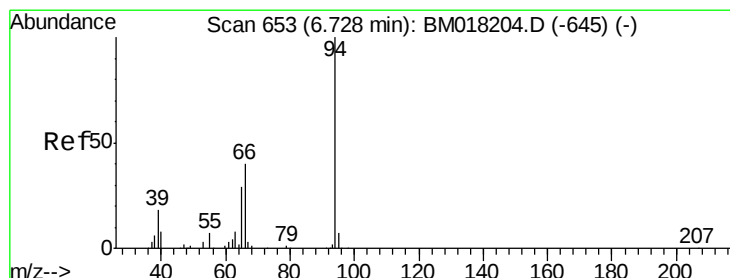
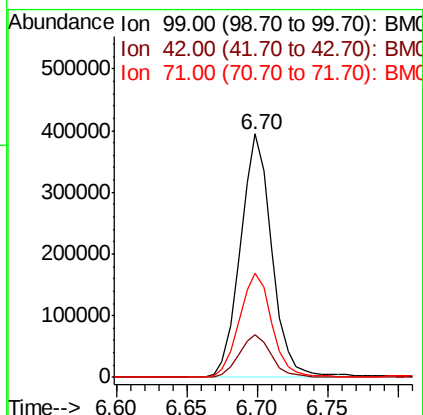
BNA_M

ClientSampled :

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#10

Phenol

Concen: 4.506 ng

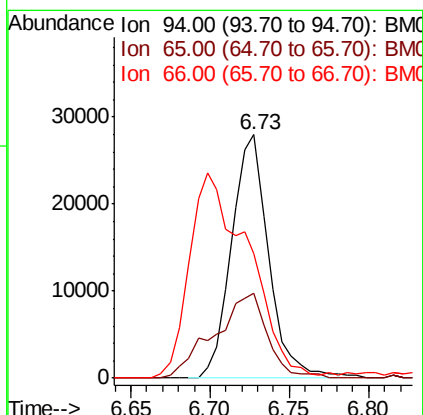
RT: 6.73 min Scan# 653

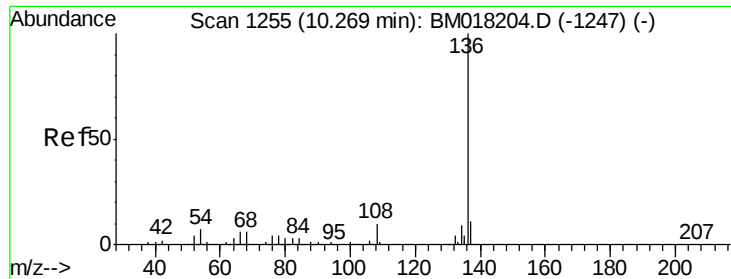
Delta R.T. -0.00 min

Lab File: BM018371.D

Acq: 21 Dec 2018 23:42

Tgt Ion:	94	Resp:	45294
Ion	Ratio	Lower	Upper
94	100		
65	35.0	9.5	49.5
66	51.0	21.3	61.3





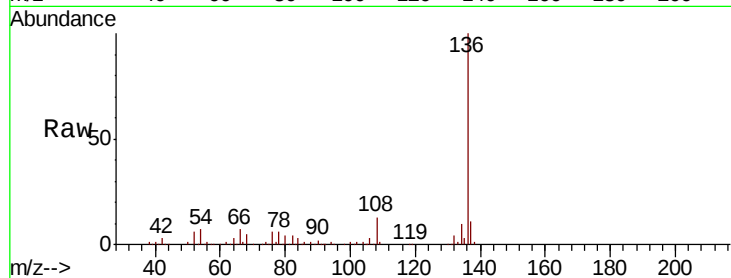
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.25 min Scan# 1251
Delta R.T. -0.02 min
Lab File: BM018371.D
Acq: 21 Dec 2018 23:42

Instrument :
BNA_M
ClientSampleId :
VNJ-221

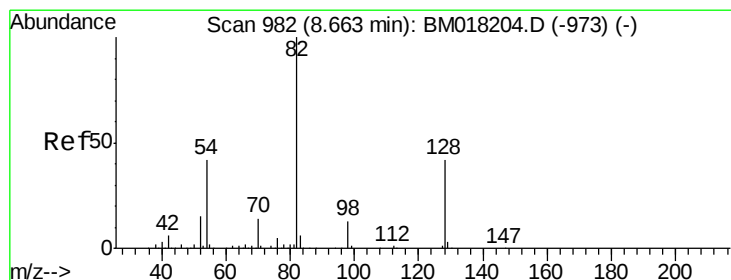
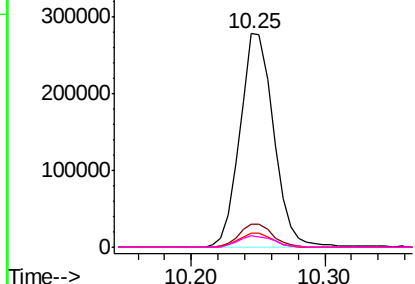
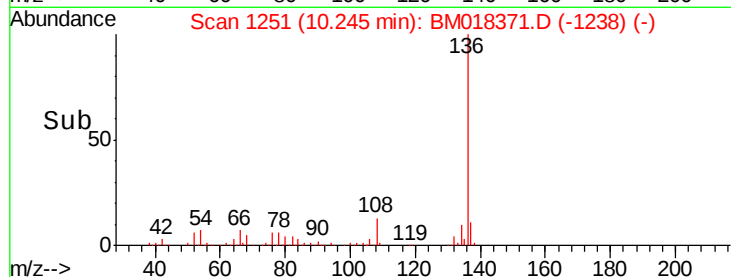
Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		487181		
137	11.1		9.2	13.8	
54	6.9		5.2	7.8	
68	5.3		5.0	7.6	

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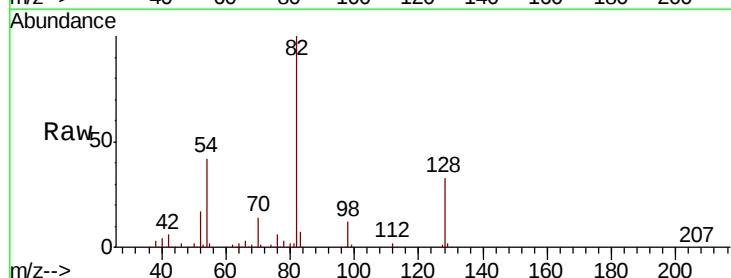


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

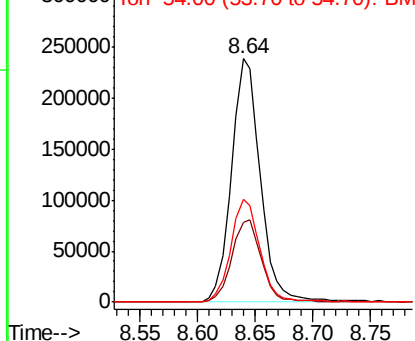
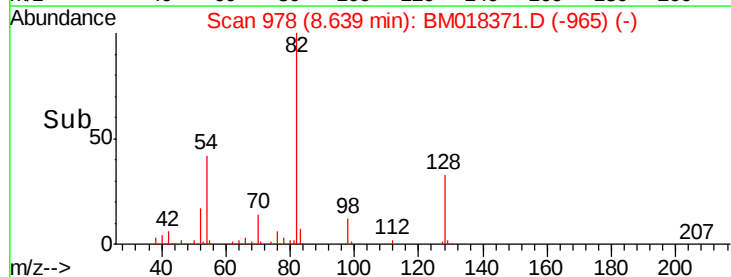


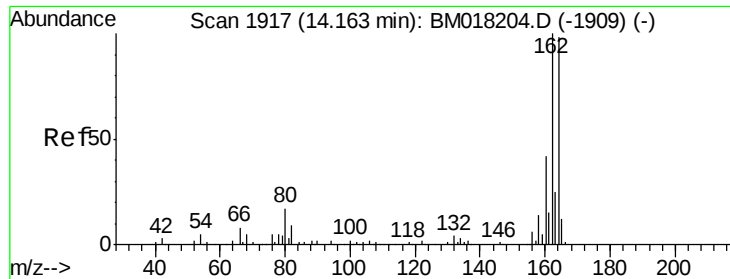
#23
Nitrobenzene-d5
Concen: 43.468 ng
RT: 8.64 min Scan# 978
Delta R.T. -0.02 min
Lab File: BM018371.D
Acq: 21 Dec 2018 23:42

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
82	100		412855		
128	33.0		33.4	50.2#	
54	42.3		33.4	50.2	



Abundance Ion 82.00 (81.70 to 82.70): BM
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BM





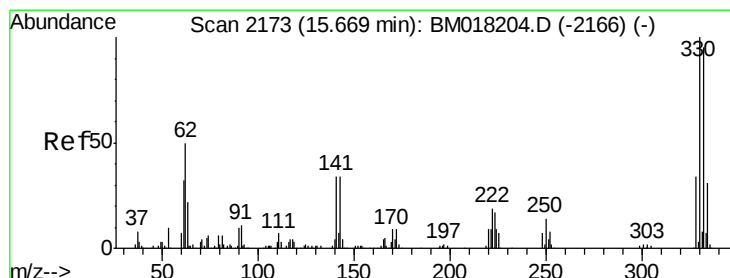
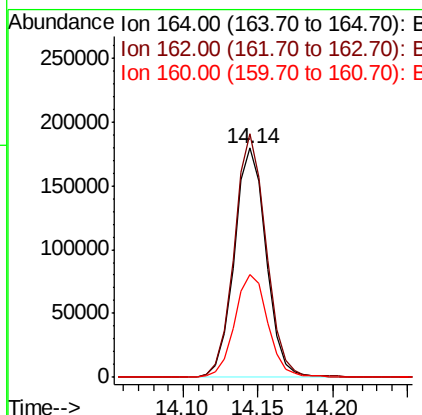
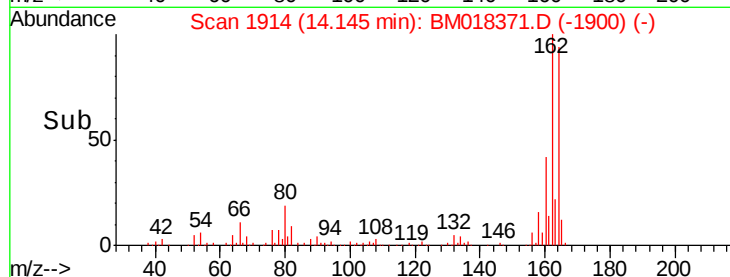
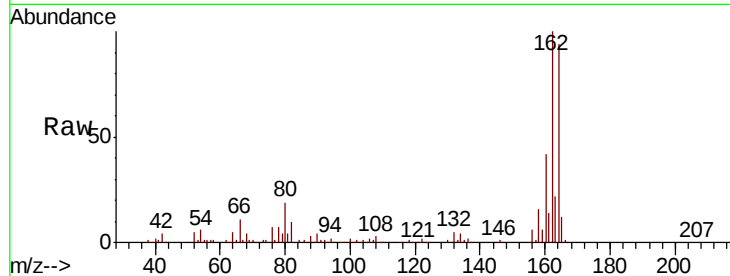
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.14 min Scan# 1914
Delta R.T. -0.02 min
Lab File: BM018371.D
Acq: 21 Dec 2018 23:42

Instrument :
BNA_M
ClientSampleId :
VNJ-221

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	106.1	81.8	122.6	
160	44.8	34.6	51.8	

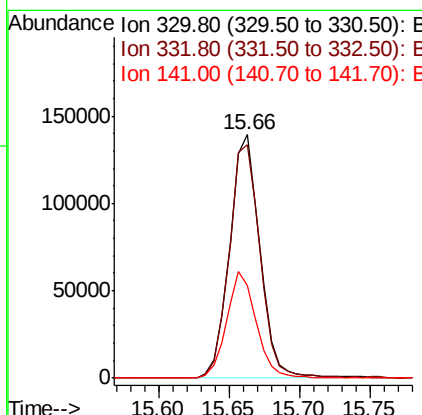
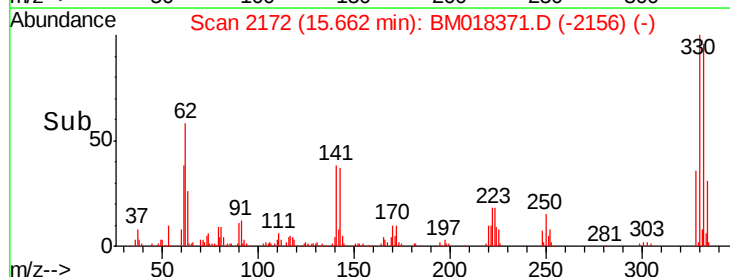
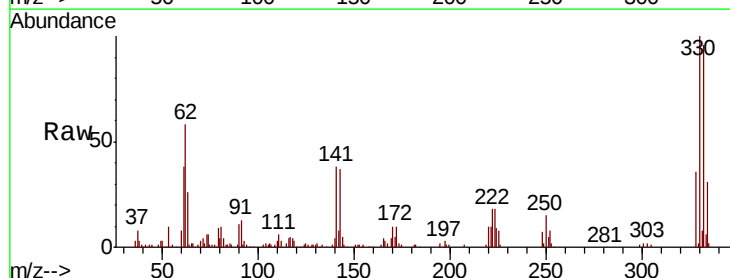
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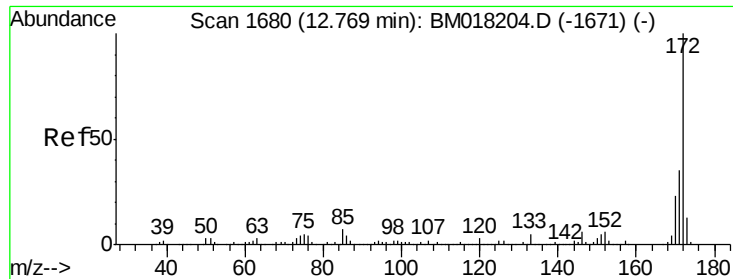
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#42
2,4,6-Tribromophenol
Concen: 53.126 ng
RT: 15.66 min Scan# 2172
Delta R.T. -0.01 min
Lab File: BM018371.D
Acq: 21 Dec 2018 23:42

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	97.7	78.6	118.0	
141	42.8	27.1	40.7#	





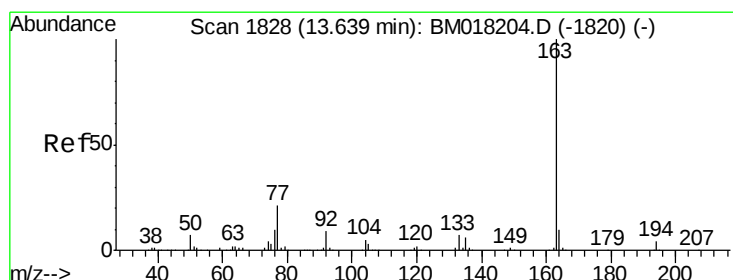
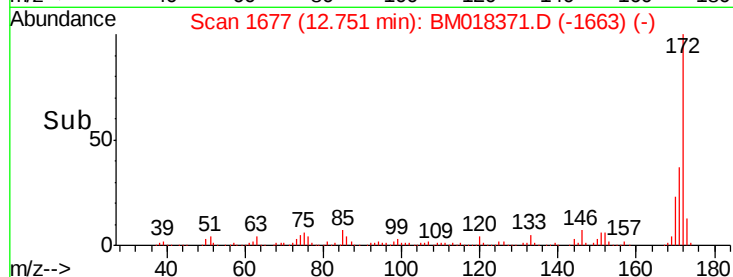
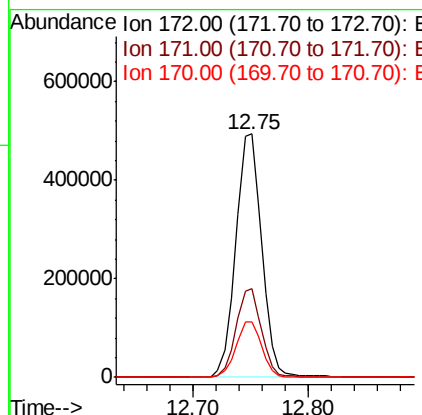
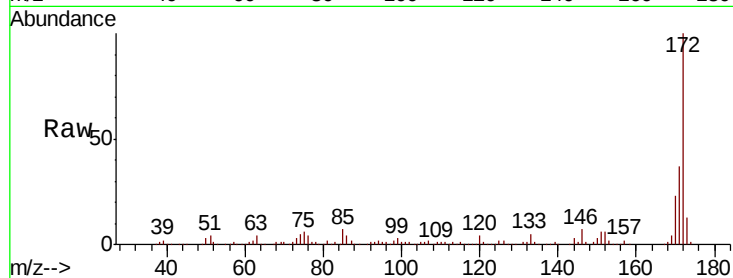
#45
2-Fluorobiphenyl
Concen: 37.403 ng
RT: 12.75 min Scan# 1677
Delta R.T. -0.02 min
Lab File: BM018371.D
Acq: 21 Dec 2018 23:42

Instrument :
BNA_M
ClientSampleId :
VNJ-221

Tot Ion:	172	Resp:	771448
Ion Ratio	Lower	Upper	
172	100		
171	36.6	28.3	42.5
170	22.8	18.1	27.1

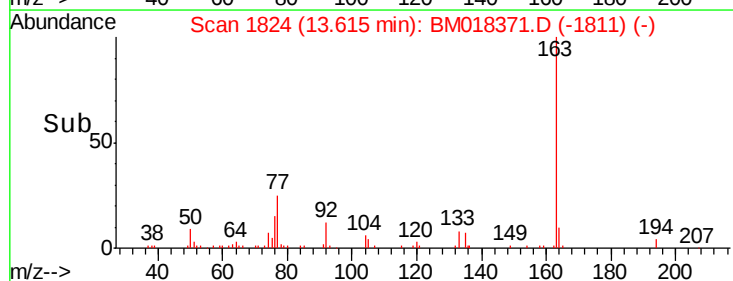
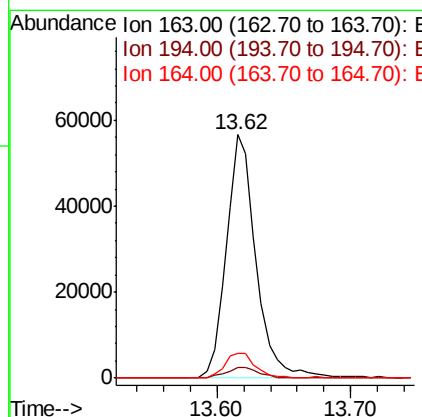
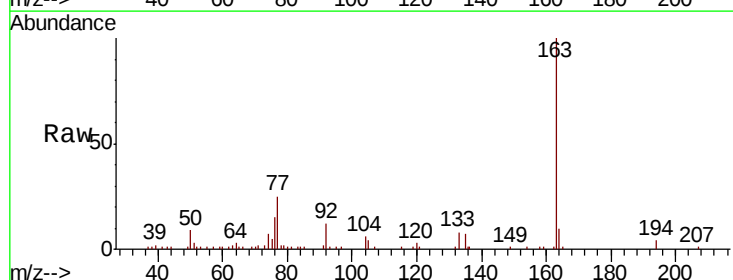
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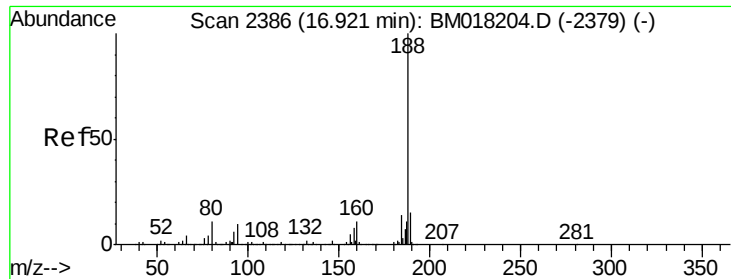
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#50
Dimethylphthalate
Concen: 3.971 ng
RT: 13.62 min Scan# 1824
Delta R.T. -0.02 min
Lab File: BM018371.D
Acq: 21 Dec 2018 23:42

Tgt Ion:	163	Resp:	88189
Ion Ratio	Lower	Upper	
163	100		
194	4.2	3.1	4.7
164	9.9	7.9	11.9





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.92 min Scan# 2385

Delta R.T. -0.01 min

Lab File: BM018371.D

Acq: 21 Dec 2018 23:42

Instrument :

BNA_M

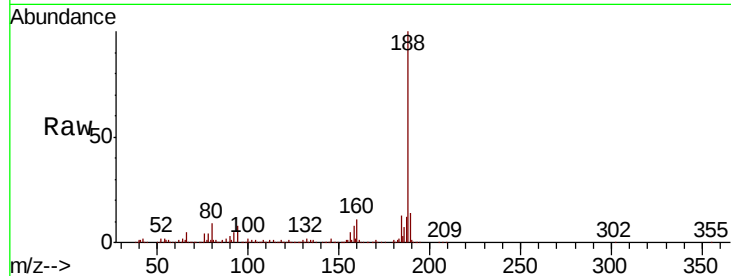
ClientSampleId :

VNJ-221

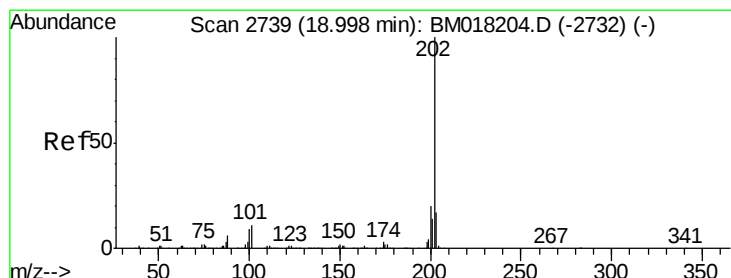
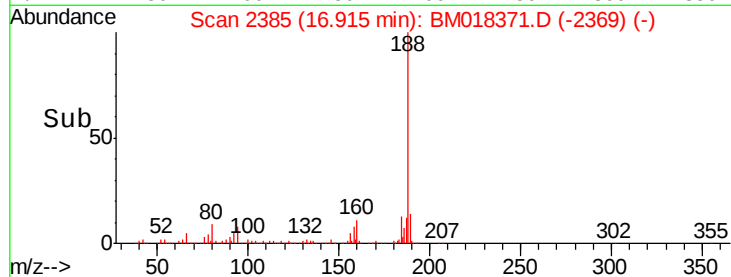
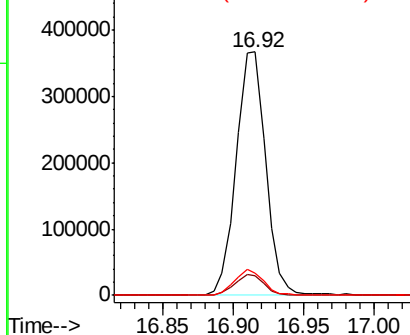
Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	8.0	8.0	12.0
80	9.2	9.0	13.6

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Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM
Ion 80.00 (79.70 to 80.70): BM



#75

Fluoranthene

Concen: 3.953 ng

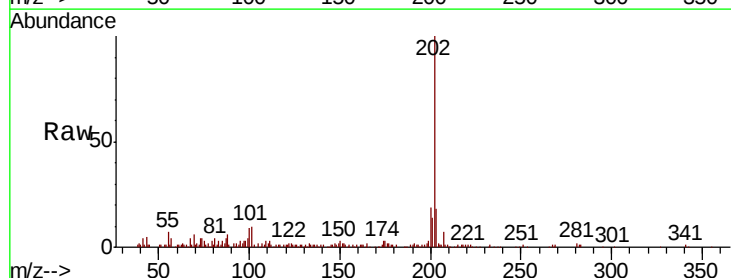
RT: 18.99 min Scan# 2737

Delta R.T. -0.01 min

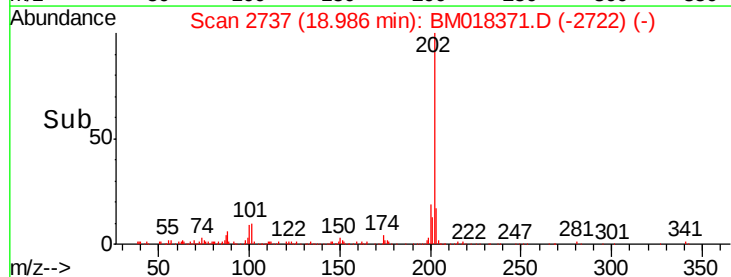
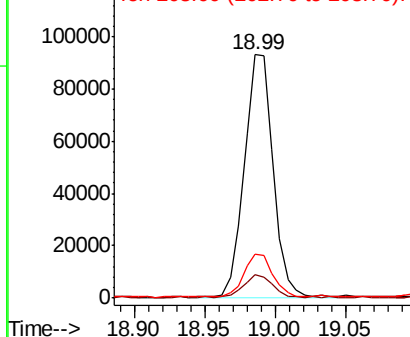
Lab File: BM018371.D

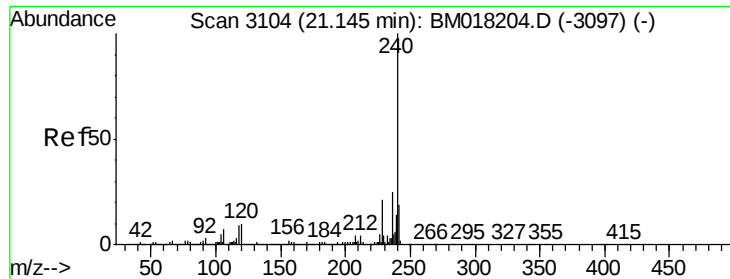
Acq: 21 Dec 2018 23:42

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	9.9	0.0	30.5
203	17.8	0.0	37.5



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.14 min Scan# 3103

Delta R.T. -0.01 min

Lab File: BM018371.D

Acq: 21 Dec 2018 23:42

Instrument :

BNA_M

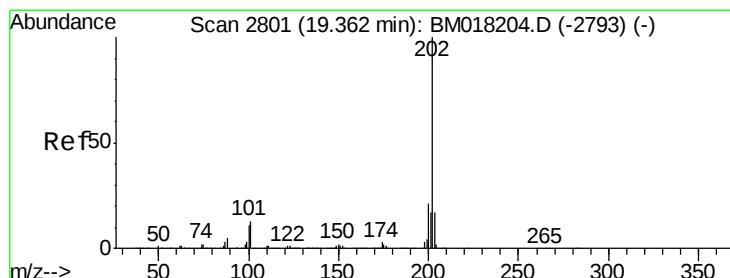
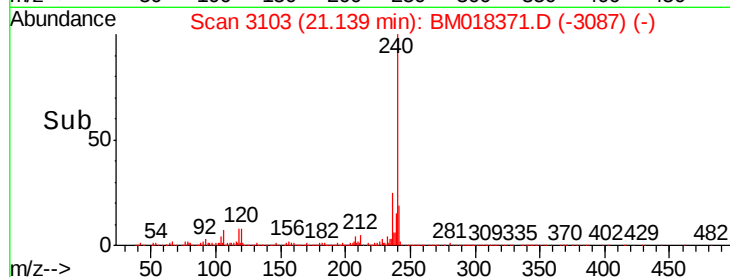
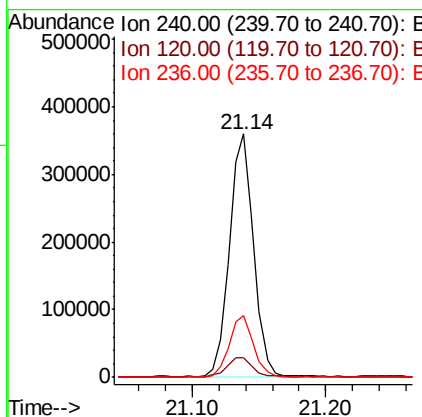
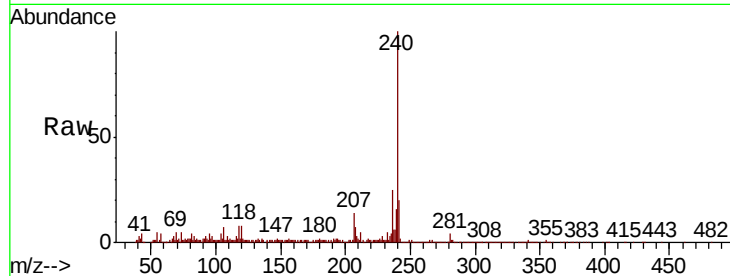
ClientSampleId :

VNJ-221

Tot Ion:	240	Resp:	455309
Ion Ratio	Lower	Upper	
240	100		
120	8.3	8.2	12.2
236	25.2	20.3	30.5

Manual Integrations
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#78

Pyrene

Concen: 4.363 ng

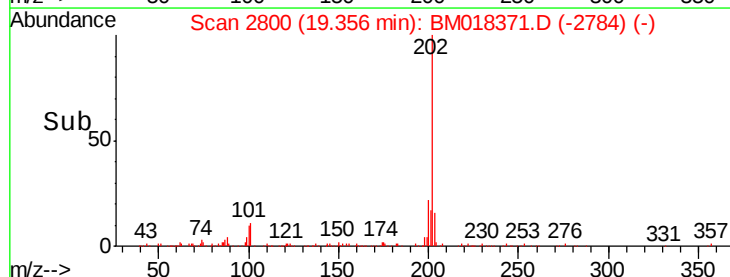
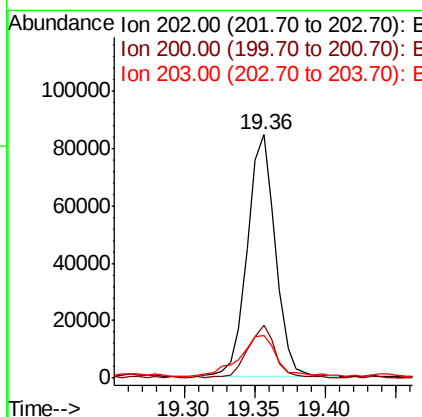
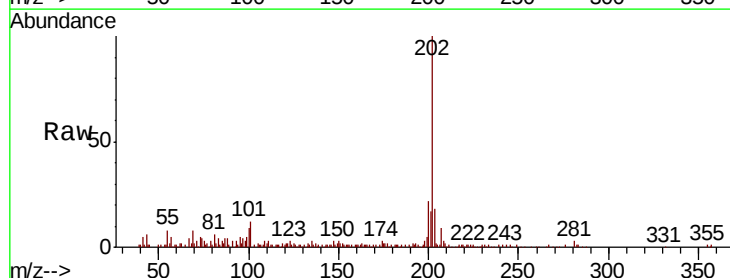
RT: 19.36 min Scan# 2800

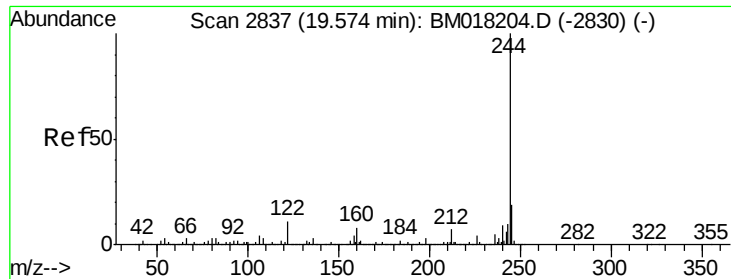
Delta R.T. -0.01 min

Lab File: BM018371.D

Acq: 21 Dec 2018 23:42

Tgt Ion:	202	Resp:	118354
Ion Ratio	Lower	Upper	
202	100		
200	21.8	16.5	24.7
203	17.5	14.0	21.0





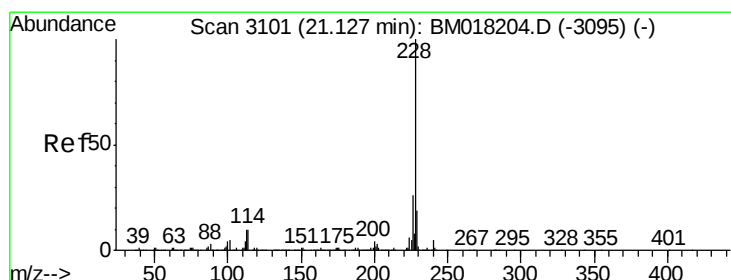
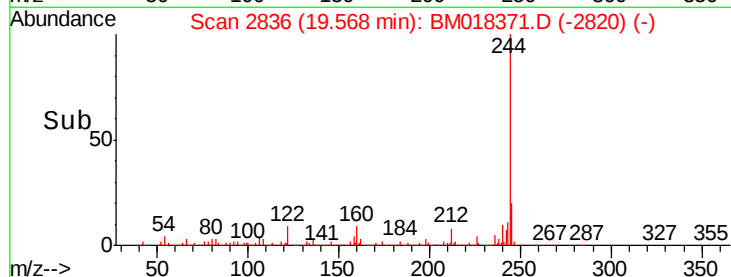
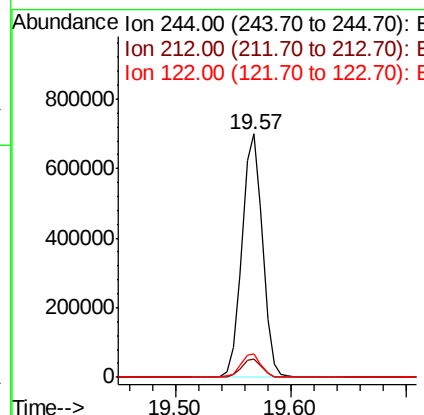
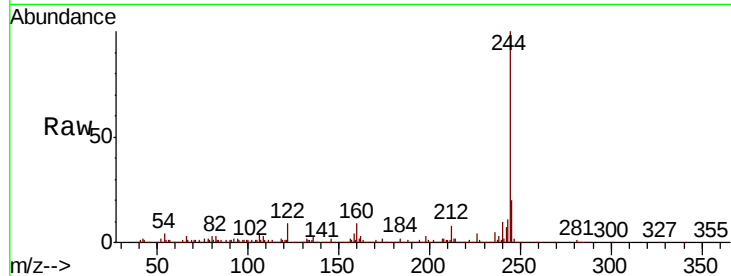
#79
 Terphenyl-d14
 Concen: 42.655 ng
 RT: 19.57 min Scan# 2836
 Delta R.T. -0.01 min
 Lab File: BM018371.D
 Acq: 21 Dec 2018 23:42

Instrument :
 BNA_M
 ClientSampled :
 VNJ-221

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.7	5.8	8.8
122	9.4	9.0	13.6

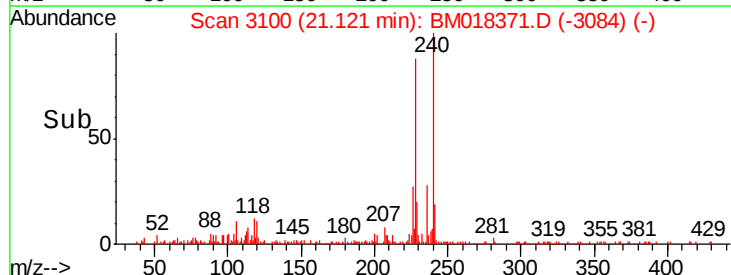
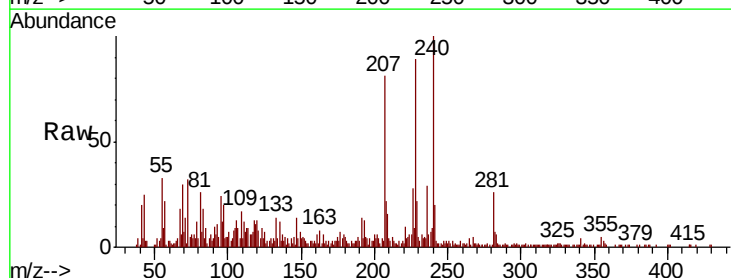
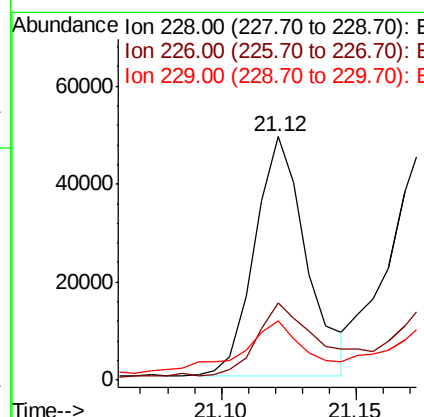
Manual Integrations
 APPROVED

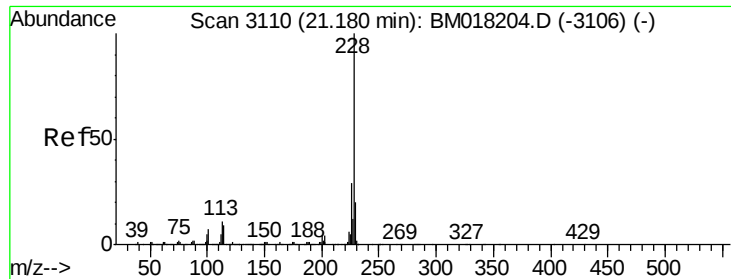
Sohil
 12/26/2018 3:20:17 PM



#81
 Benzo(a)anthracene
 Concen: 2.456 ng m
 RT: 21.12 min Scan# 3100
 Delta R.T. -0.01 min
 Lab File: BM018371.D
 Acq: 21 Dec 2018 23:42

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.7	21.0	31.4#
229	24.6	15.5	23.3#





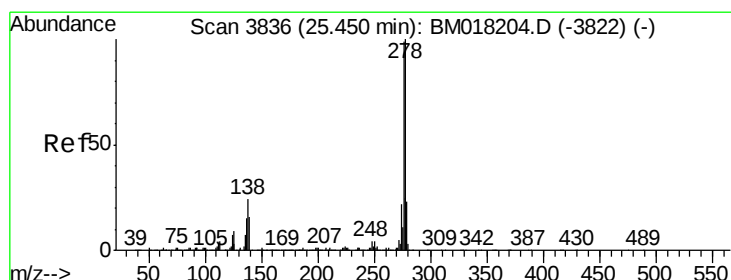
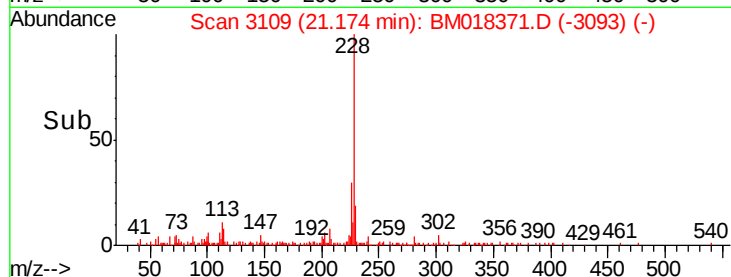
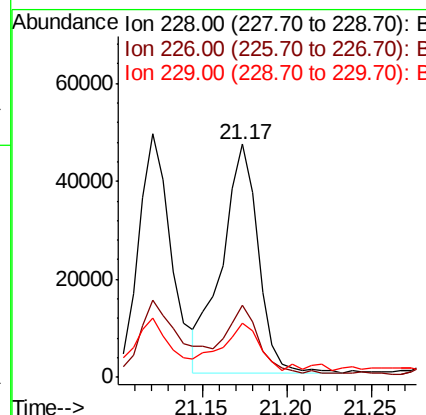
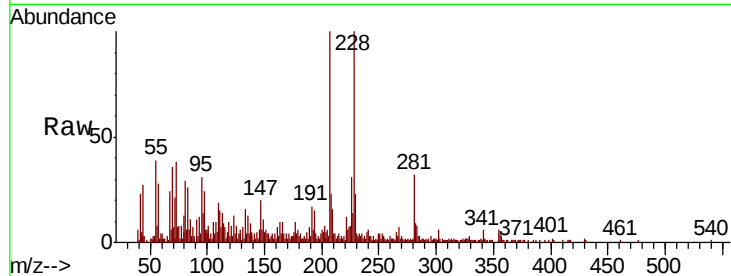
#83
Chrysene
Concen: 2.755 ng
RT: 21.17 min Scan# 3109
Delta R.T. -0.01 min
Lab File: BM018371.D
Acq: 21 Dec 2018 23:42

Instrument :
BNA_M
ClientSampled :
VNJ-221

Tot Ion:	228	Resp:	70483
Ion Ratio	Lower	Upper	
228	100		
226	31.1	23.1	34.7
229	23.2	15.8	23.6

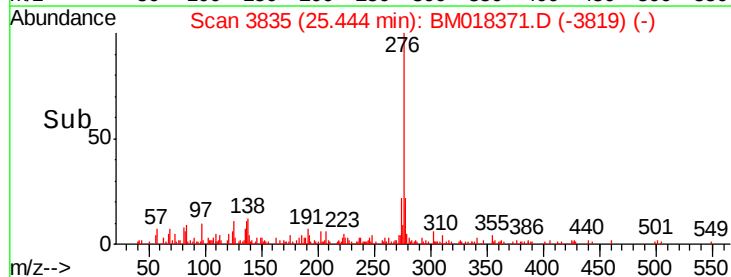
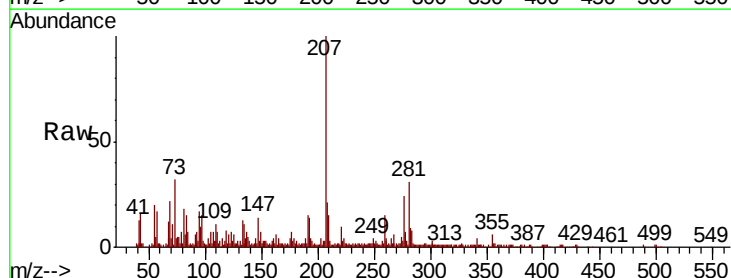
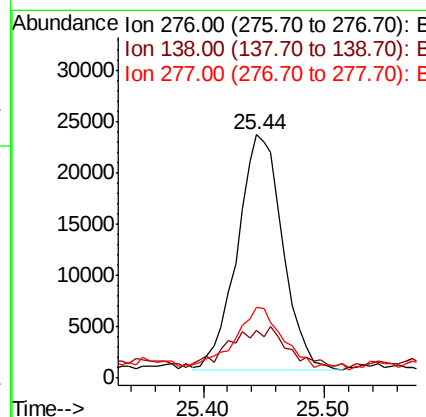
Manual Integrations
APPROVED

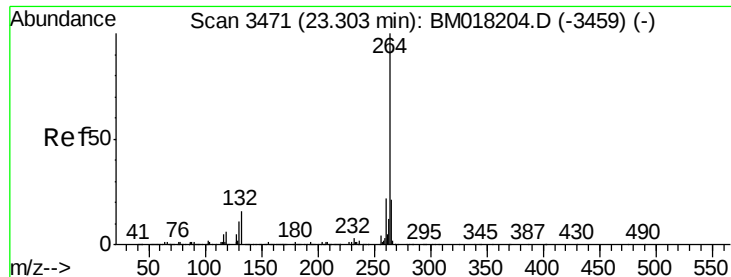
Sohil
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#86
Indeno(1,2,3-cd)pyrene
Concen: 2.360 ng
RT: 25.44 min Scan# 3835
Delta R.T. -0.01 min
Lab File: BM018371.D
Acq: 21 Dec 2018 23:42

Tgt Ion:	276	Resp:	60146
Ion Ratio	Lower	Upper	
276	100		
138	21.0	18.6	28.0
277	23.1	20.3	30.5





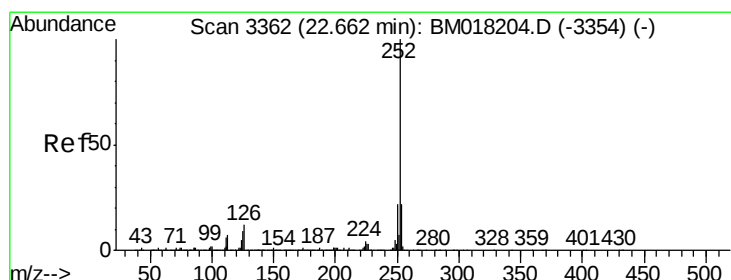
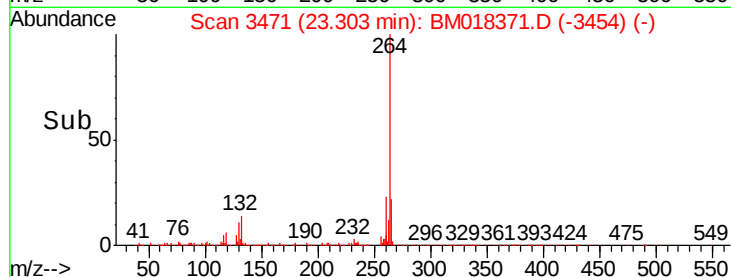
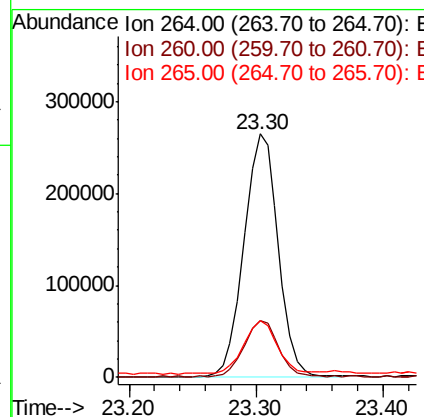
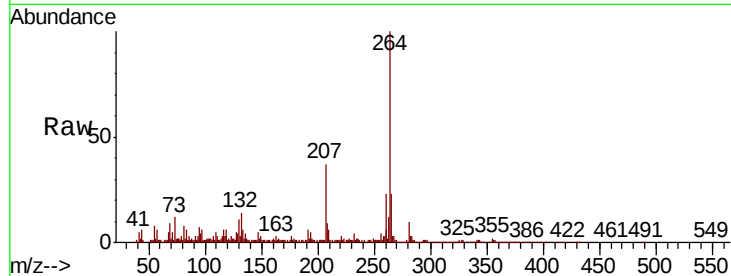
#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 23.30 min Scan# 3471
 Delta R.T. -0.00 min
 Lab File: BM018371.D
 Acq: 21 Dec 2018 23:42

Instrument :
 BNA_M
 ClientSampleId :
 VNJ-221

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	17.5	26.3
265	23.2	17.3	25.9

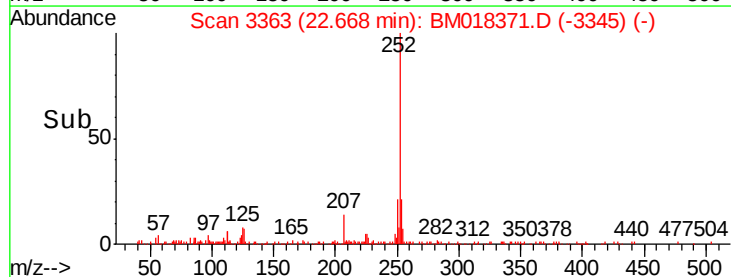
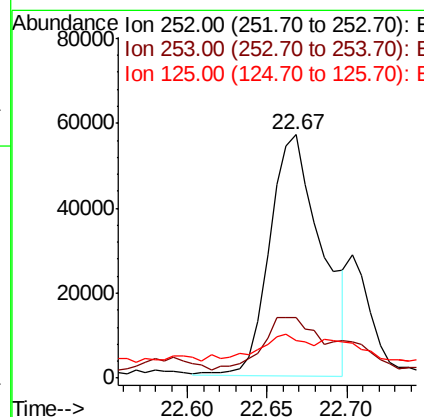
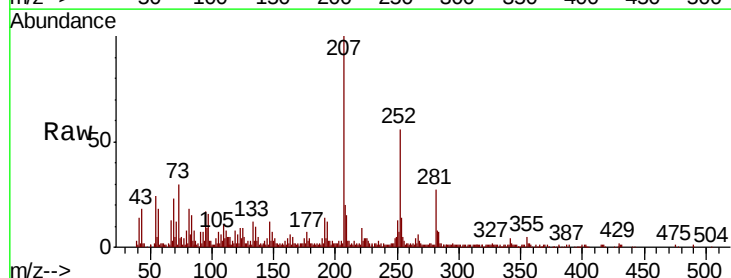
Manual Integrations
 APPROVED

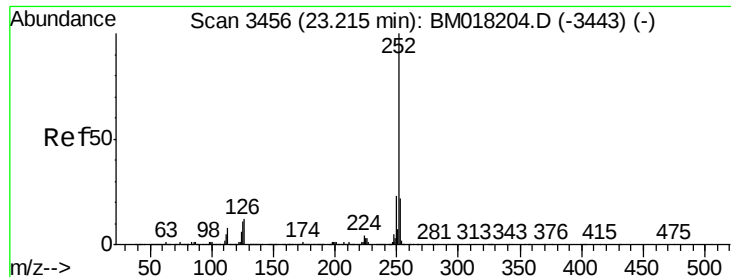
Sohil
 12/26/2018 3:20:17 PM



#88
 Benzo(b)fluoranthene
 Concen: 4.664 ng m
 RT: 22.67 min Scan# 3363
 Delta R.T. 0.01 min
 Lab File: BM018371.D
 Acq: 21 Dec 2018 23:42

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.9	17.6	26.4
125	15.2	7.4	11.0#





#90

Benzo(a)pyrene

Concen: 3.093 ng

RT: 23.21 min Scan# 3455

Delta R.T. -0.01 min

Lab File: BM018371.D

Acq: 21 Dec 2018 23:42

Instrument :

BNA_M

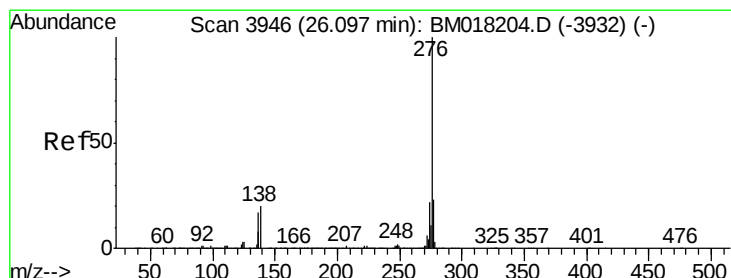
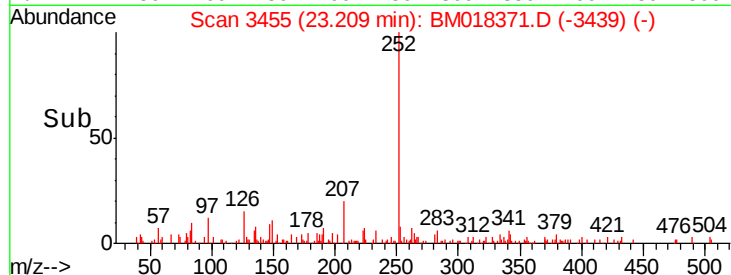
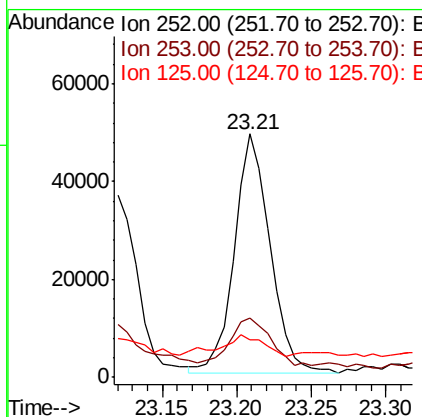
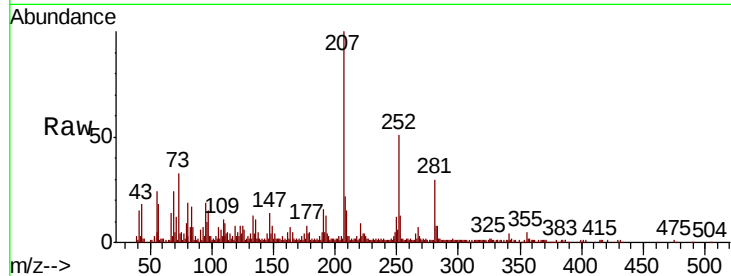
ClientSampleId :

VNJ-221

Tot Ion:	252	Resp:	81232
Ion Ratio	Lower	Upper	
252	100		
253	24.3	17.6	26.4
125	15.4	8.6	12.8

Manual Integrations
APPROVED

Sohil
12/26/2018 3:20:17 PM



#92

Benzo(g,h,i)perylene

Concen: 2.767 ng

RT: 26.10 min Scan# 3946

Delta R.T. -0.00 min

Lab File: BM018371.D

Acq: 21 Dec 2018 23:42

Tgt Ion:	276	Resp:	63621
Ion Ratio	Lower	Upper	
276	100		
277	33.5	18.7	28.1
138	21.2	15.8	23.8

