

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011019\
 Data File : BM018527.D
 Acq On : 11 Jan 2019 02:17
 Operator : JU/SJ
 Sample : K1099-21
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-21

Manual Integrations
 APPROVED

Sohil
 1/11/2019 4:41:14 PM

Quant Time: Jan 11 04:22:06 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 10 05:57:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	710774	20.00	ng	0.00
21) Naphthalene-d8	10.55	136	2851763	20.00	ng	0.00
39) Acenaphthene-d10	14.41	164	1512129	20.00	ng	0.00
64) Phenanthrene-d10	17.16	188	2863633	20.00	ng	0.00
76) Chrysene-d12	21.35	240	2224595	20.00	ng	0.00
87) Perylene-d12	23.65	264	2294348	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	5460872	141.87	ng	0.00
7) Phenol-d6	6.95	99	7128846	145.81	ng	0.01
23) Nitrobenzene-d5	8.93	82	4429964	90.05	ng	0.00
42) 2,4,6-Tribromophenol	15.90	330	2465955	128.08	ng	0.00
45) 2-Fluorobiphenyl	13.03	172	8826735	76.17	ng	0.00
79) Terphenyl-d14	19.79	244	8126209	77.00	ng	0.00
Target Compounds						
10) Phenol	6.97	94	123768	2.491	ng	96
50) Dimethylphthalate	13.87	163	2733156	22.008	ng	99
71) Phenanthrene	17.20	178	362071	2.377	ng	99
75) Fluoranthene	19.22	202	938537	5.344	ng	96
78) Pyrene	19.59	202	1092949	8.289	ng	98
81) Benzo(a)anthracene	21.33	228	652169	4.976	ng	# 89
83) Chrysene	21.39	228	677703	5.355	ng	# 92
86) Indeno(1,2,3-cd)pyrene	25.97	276	862904	5.913	ng	# 90
88) Benzo(b)fluoranthene	22.96	252	1096780	8.420	ng	# 88
89) Benzo(k)fluoranthene	23.00	252	335876m	2.559	ng	
90) Benzo(a)pyrene	23.54	252	805909	6.463	ng	# 88
92) Benzo(a,h,i)perylene	26.69	276	870707	7.081	ng	98

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

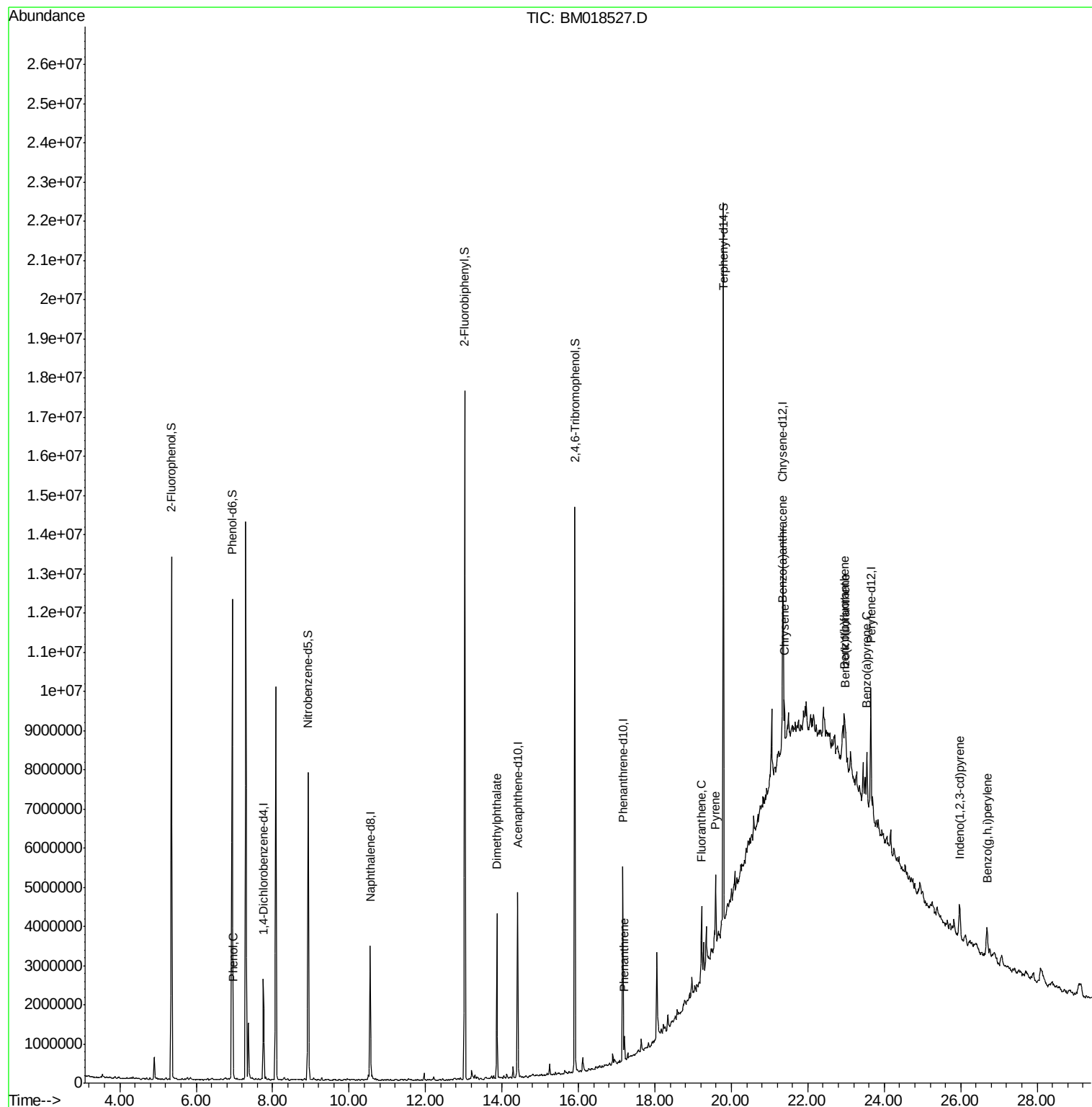
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011019\
Data File : BM018527.D
Acq On : 11 Jan 2019 02:17
Operator : JU/SJ
Sample : K1099-21
Misc :
ALS Vial : 20 Sample Multiplier: 1

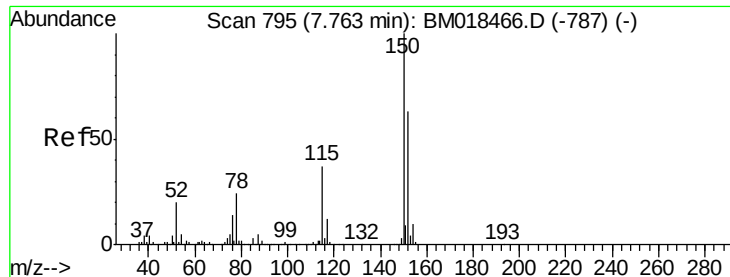
Instrument :
BNA_M
ClientSampleId :
TP-21

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Quant Time: Jan 11 04:22:06 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

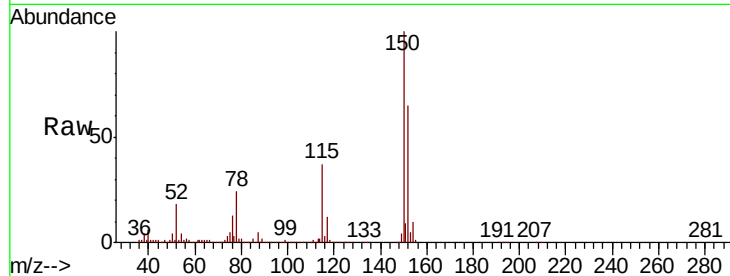
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.76 min Scan# 795
Delta R.T. -0.00 min
Lab File: BM018527.D
Acq: 11 Jan 2019 02:17

Instrument :
BNA_M
ClientSampleId :
TP-21

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.7	126.9	190.3
115	56.3	45.5	68.3

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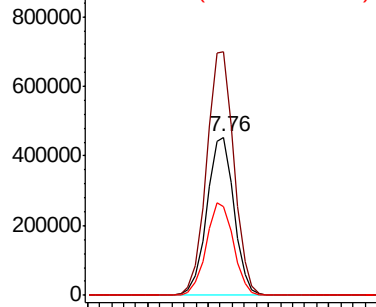


Abundance

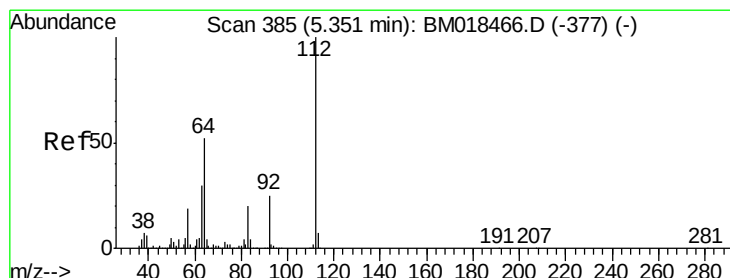
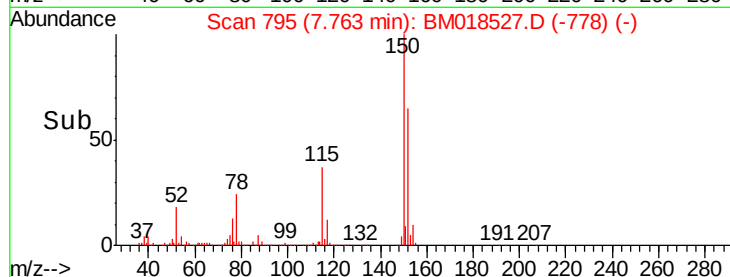
Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



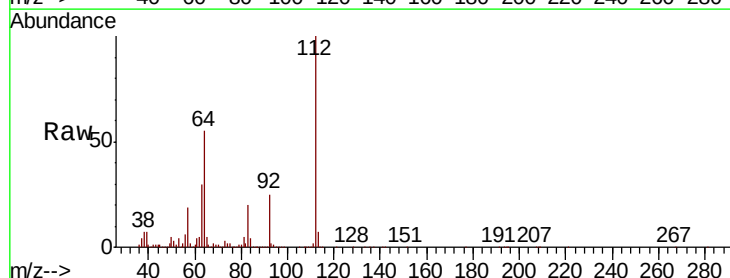
Time-->



#5

2-Fluorophenol
Concen: 141.866 ng
RT: 5.35 min Scan# 385
Delta R.T. -0.00 min
Lab File: BM018527.D
Acq: 11 Jan 2019 02:17

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.6	46.5	69.7
63	30.2	25.2	37.8

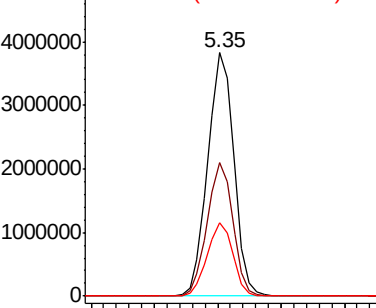


Abundance

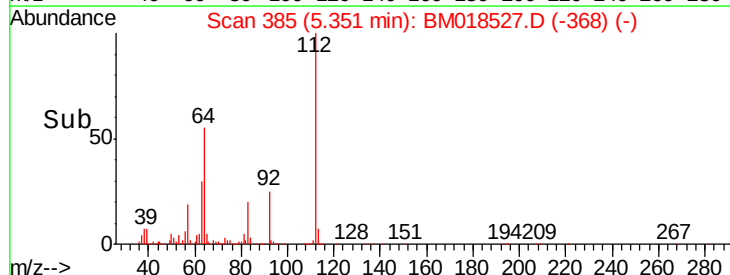
Ion 112.00 (111.70 to 112.70): E

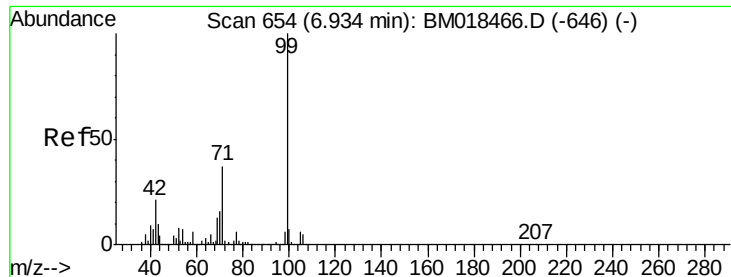
Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0



Time-->





#7

Phenol-d6

Concen: 145.811 ng

RT: 6.95 min Scan# 656

Delta R.T. 0.01 min

Lab File: BM018527.D

Acq: 11 Jan 2019 02:17

Instrument :

BNA_M

ClientSampled :

TP-21

Tot Ion: 99 Resp: 7128846

Ion Ratio Lower Upper

99 100

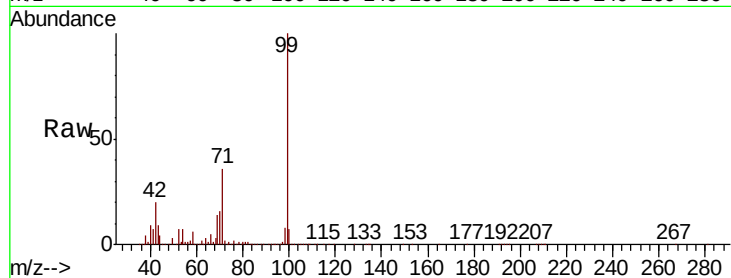
42 20.0 17.3 25.9

71 36.3 28.0 42.0

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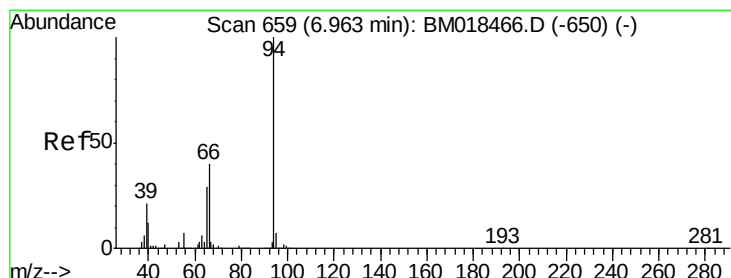
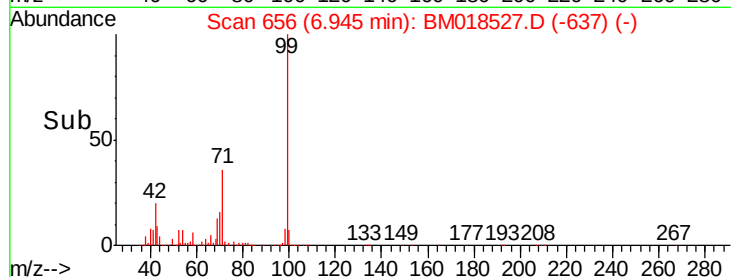
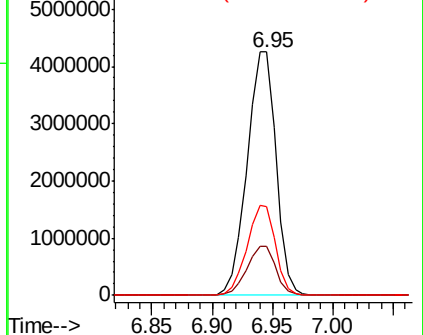
1/11/2019 4:41:14 PM



Abundance Ion 99.00 (98.70 to 99.70): BM018466.D (-646) (-)

Ion 42.00 (41.70 to 42.70): BM018466.D (-646) (-)

Ion 71.00 (70.70 to 71.70): BM018466.D (-646) (-)



#10

Phenol

Concen: 2.491 ng

RT: 6.97 min Scan# 660

Delta R.T. 0.01 min

Lab File: BM018527.D

Acq: 11 Jan 2019 02:17

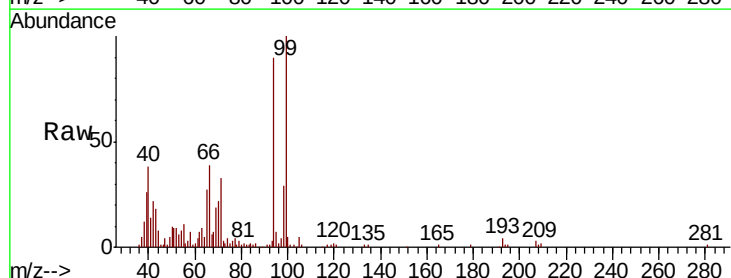
Tgt Ion: 94 Resp: 123768

Ion Ratio Lower Upper

94 100

65 30.0 9.4 49.4

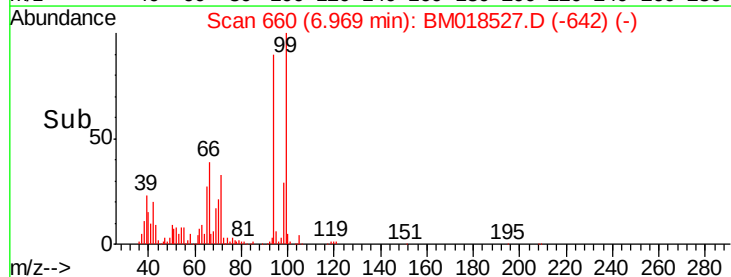
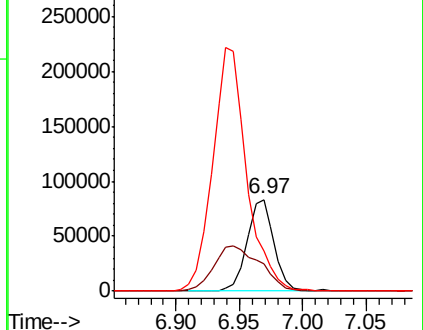
66 43.4 19.1 59.1

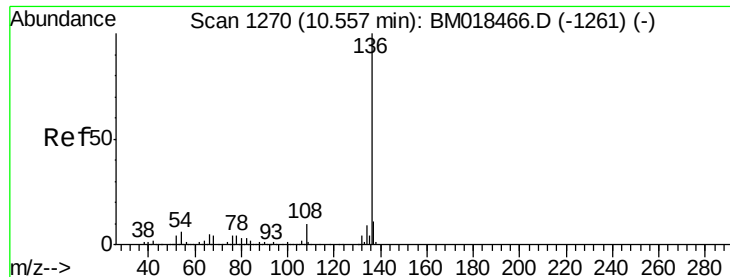


Abundance Ion 94.00 (93.70 to 94.70): BM018466.D (-650) (-)

Ion 65.00 (64.70 to 65.70): BM018466.D (-650) (-)

Ion 66.00 (65.70 to 66.70): BM018466.D (-650) (-)





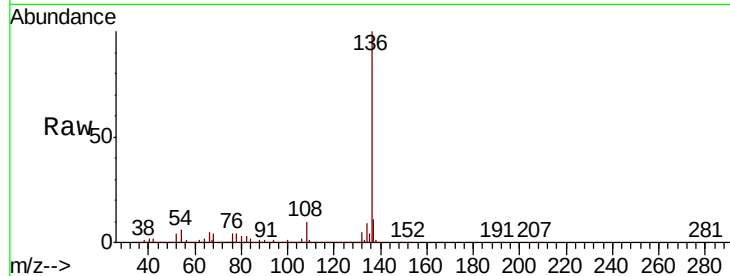
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.55 min Scan# 1269
Delta R.T. -0.00 min
Lab File: BM018527.D
Acq: 11 Jan 2019 02:17

Instrument :
BNA_M
ClientSampled :
TP-21

Tot Ion:	136	Resp:	2851763
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.5	12.7
54	6.5	6.0	9.0
68	4.5	4.5	6.7

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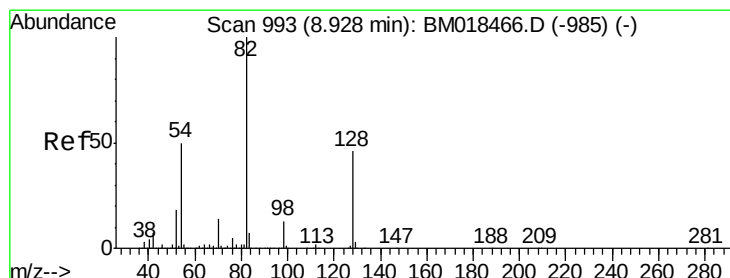
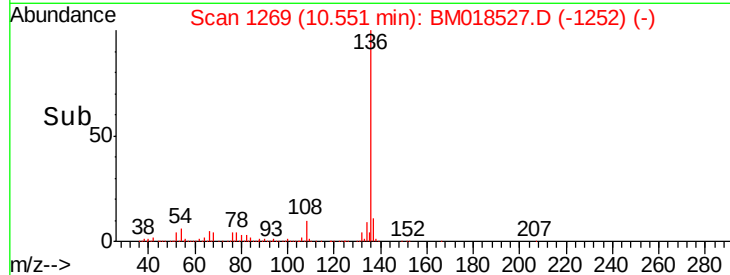
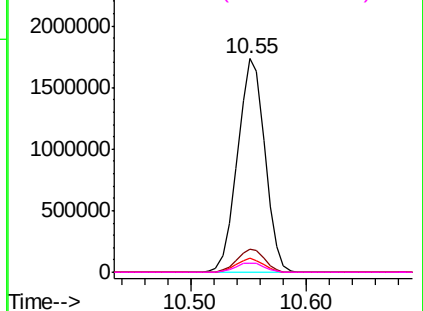
Abundance

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: 90.053 ng
RT: 8.93 min Scan# 993
Delta R.T. 0.01 min
Lab File: BM018527.D
Acq: 11 Jan 2019 02:17

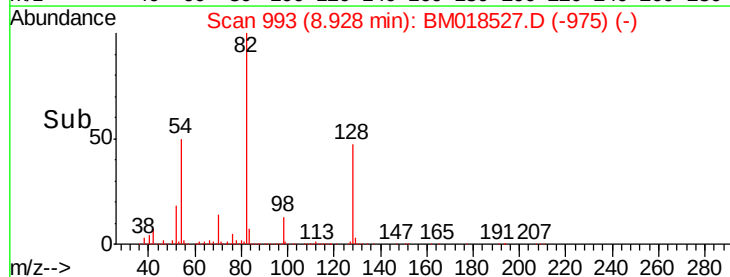
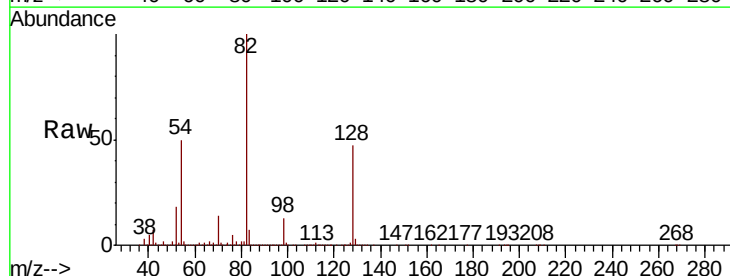
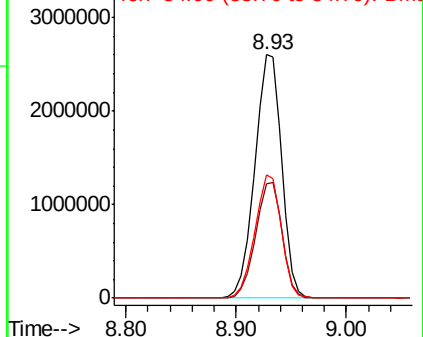
Tgt Ion:	82	Resp:	4429964
Ion	Ratio	Lower	Upper
82	100		
128	47.1	36.3	54.5
54	50.4	41.7	62.5

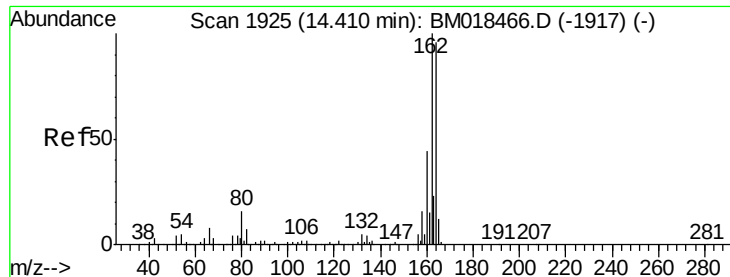
Abundance

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





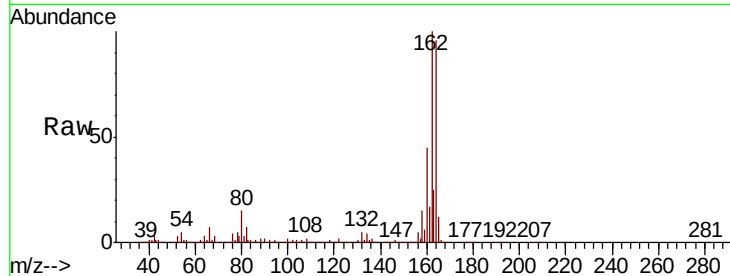
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.41 min Scan# 1925
 Delta R.T. -0.00 min
 Lab File: BM018527.D
 Acq: 11 Jan 2019 02:17

Instrument :
 BNA_M
 ClientSampled :
 TP-21

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.7	83.0	124.4
160	46.2	37.1	55.7

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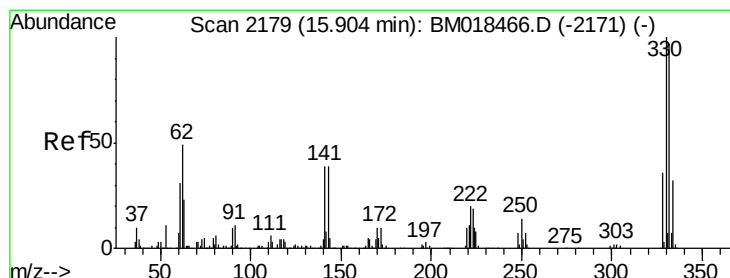
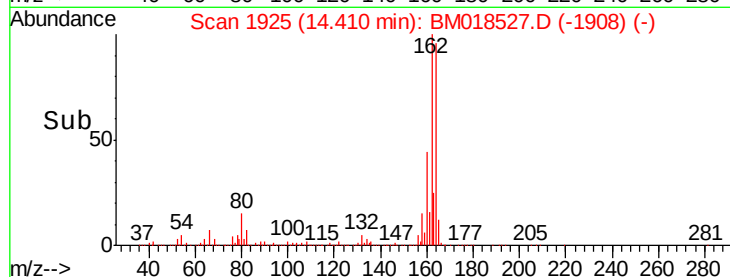
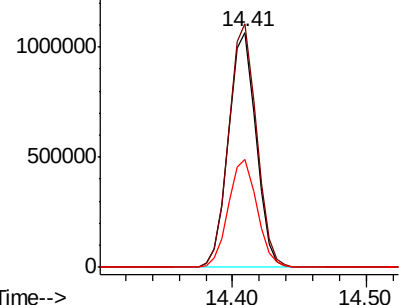


Abundance

Ion 164.00 (163.70 to 164.70): E

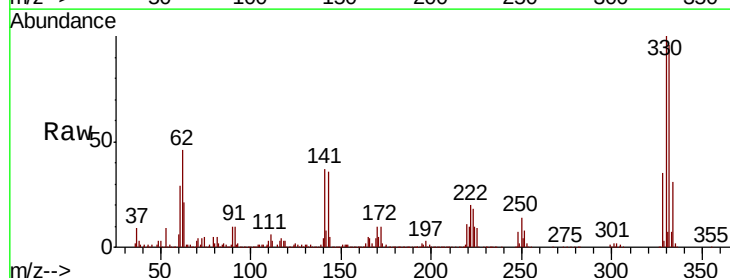
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42
 2,4,6-Tribromophenol
 Concen: 128.077 ng
 RT: 15.90 min Scan# 2179
 Delta R.T. -0.00 min
 Lab File: BM018527.D
 Acq: 11 Jan 2019 02:17

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.6	116.4
141	37.7	31.7	47.5

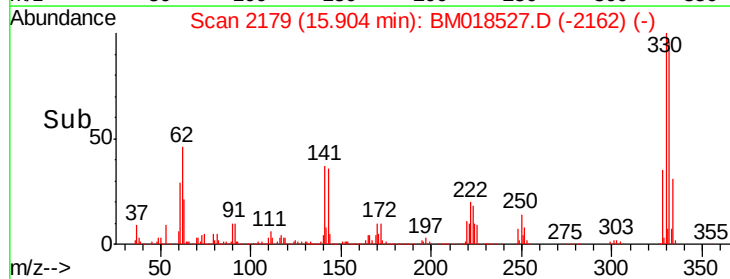
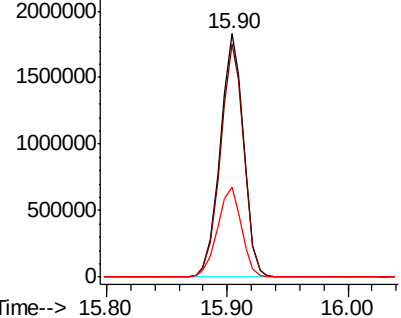


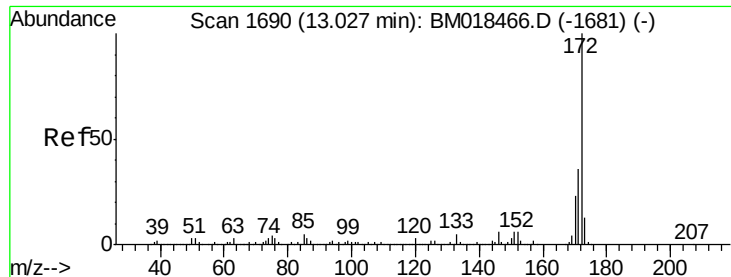
Abundance

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





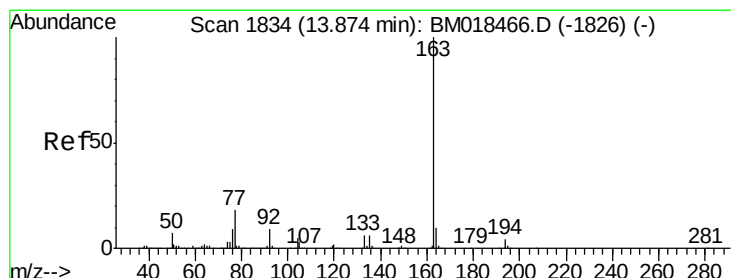
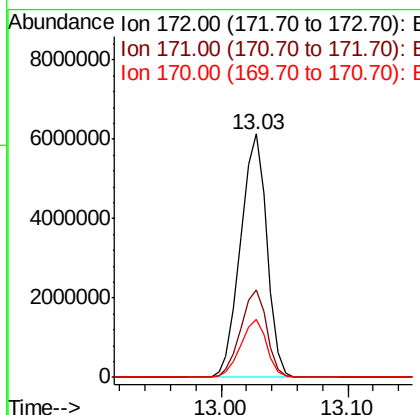
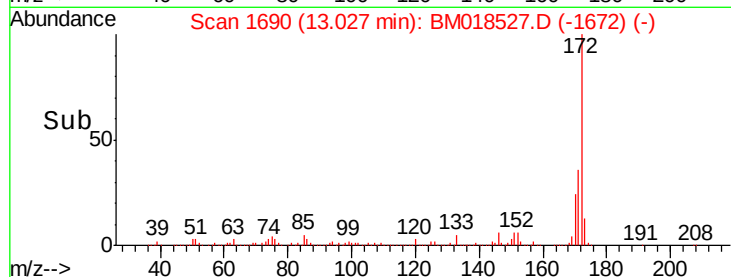
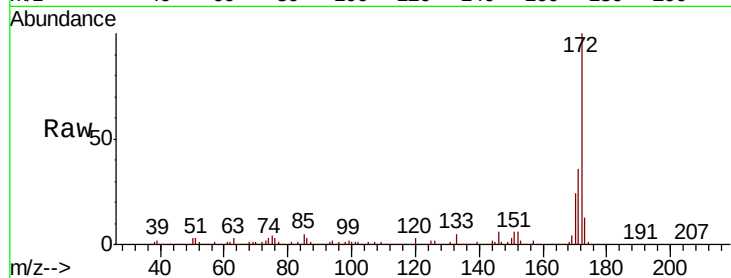
#45
2-Fluorobiphenyl
Concen: 76.169 ng
RT: 13.03 min Scan# 1690
Delta R.T. 0.01 min
Lab File: BM018527.D
Acq: 11 Jan 2019 02:17

Instrument :
BNA_M
ClientSampleId :
TP-21

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.2	42.4
170	23.9	18.9	28.3

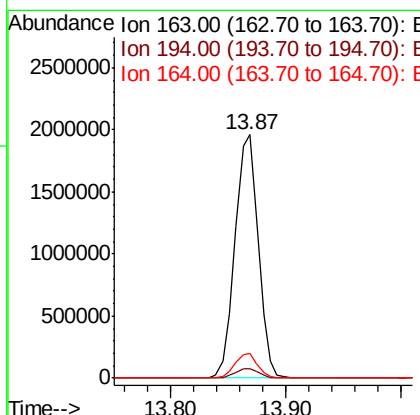
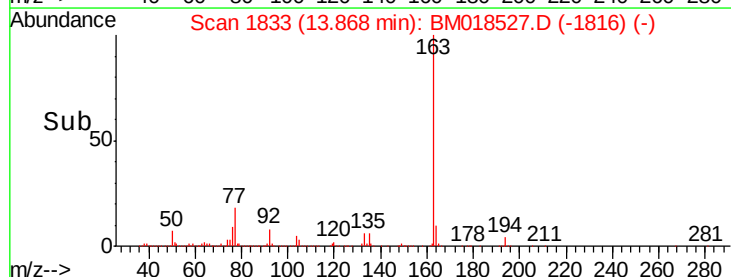
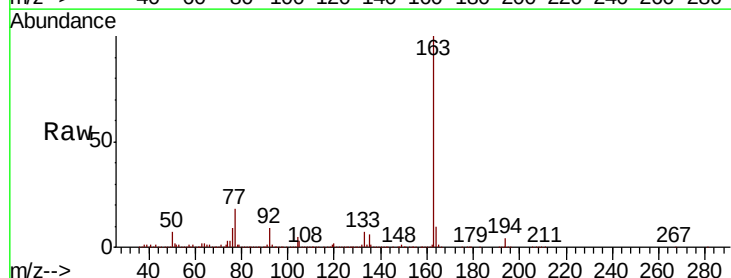
Manual Integrations
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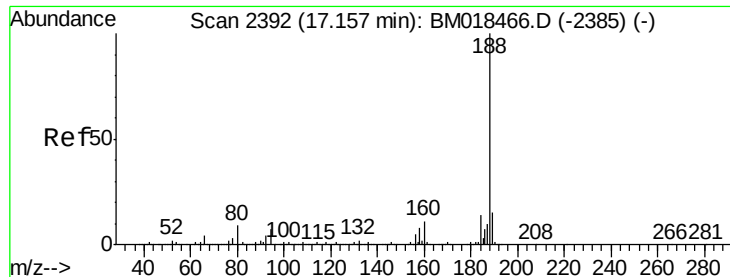
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#50
Dimethylphthalate
Concen: 22.008 ng
RT: 13.87 min Scan# 1833
Delta R.T. -0.00 min
Lab File: BM018527.D
Acq: 11 Jan 2019 02:17

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.0	4.6
164	10.1	7.8	11.8





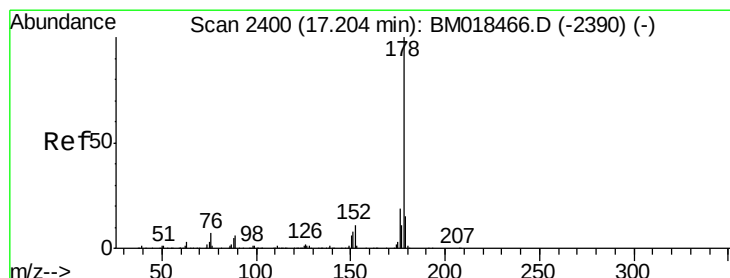
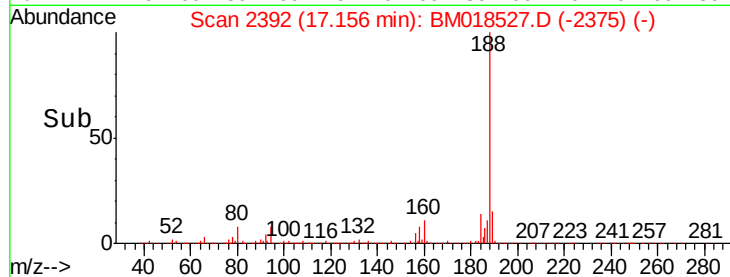
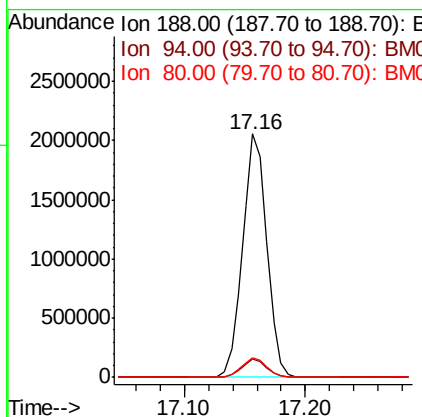
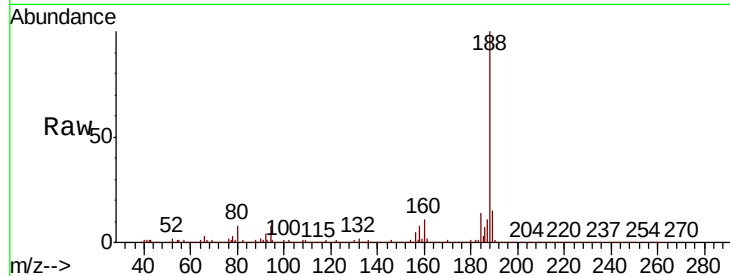
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.16 min Scan# 2392
Delta R.T. -0.00 min
Lab File: BM018527.D
Acq: 11 Jan 2019 02:17

Instrument :
BNA_M
ClientSampled :
TP-21

Tot Ion	Ratio	Lower	Upper
188	100		
94	7.7	7.1	10.7
80	8.2	7.6	11.4

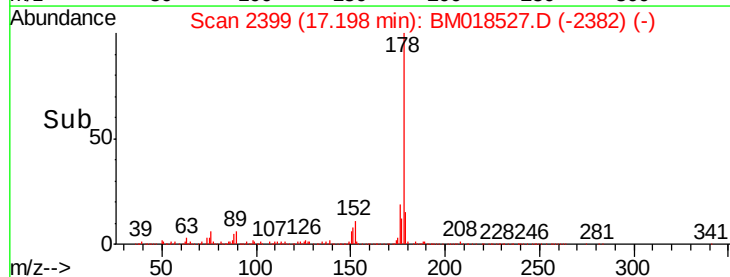
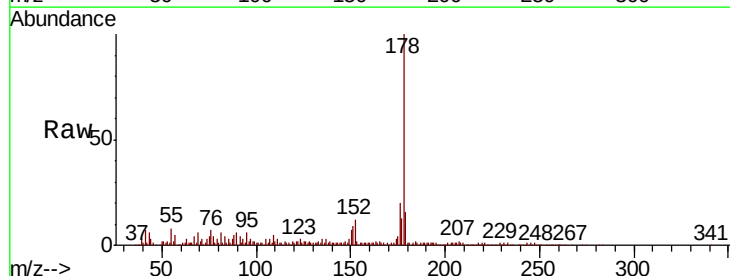
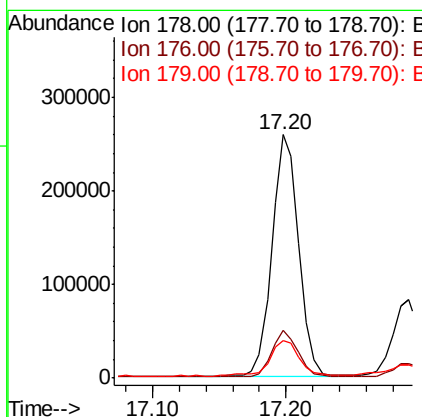
Manual Integrations
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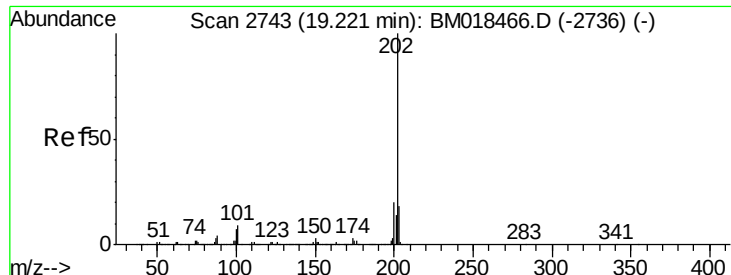
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#71
Phenanthrene
Concen: 2.377 ng
RT: 17.20 min Scan# 2399
Delta R.T. -0.00 min
Lab File: BM018527.D
Acq: 11 Jan 2019 02:17

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.4	23.0
179	15.6	12.2	18.4





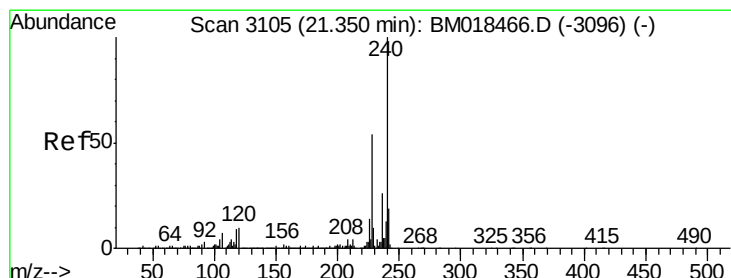
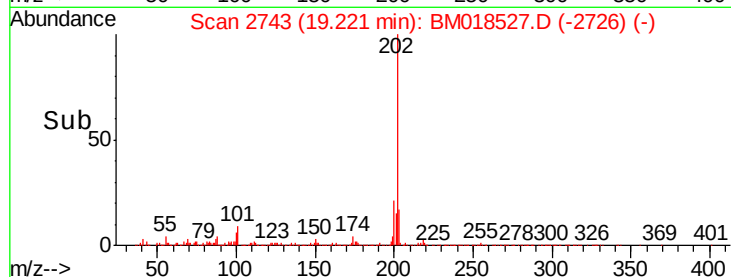
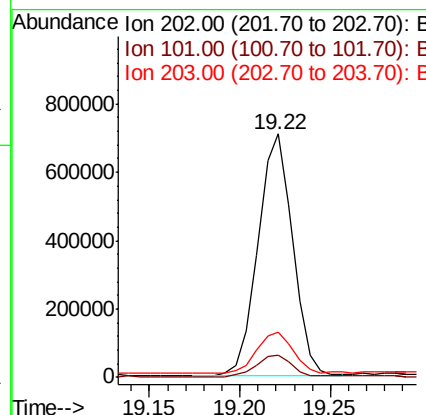
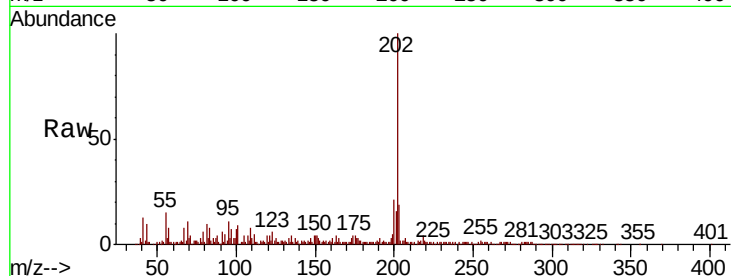
#75
Fluoranthene
Concen: 5.344 ng
RT: 19.22 min Scan# 2743
Delta R.T. -0.00 min
Lab File: BM018527.D
Acq: 11 Jan 2019 02:17

Instrument :
BNA_M
ClientSampleId :
TP-21

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	9.2	0.0	30.9
203	18.7	0.0	37.4

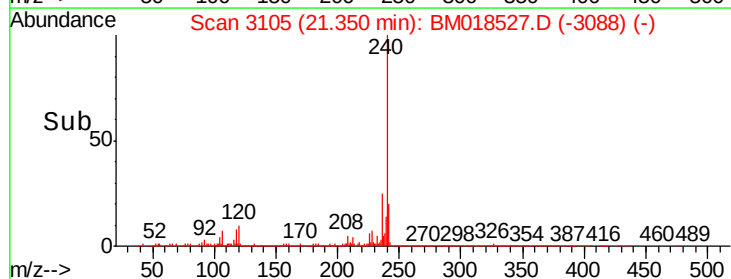
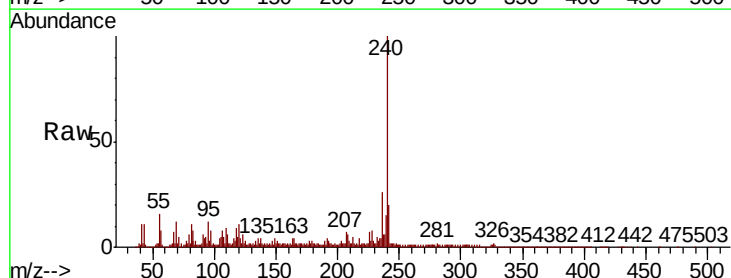
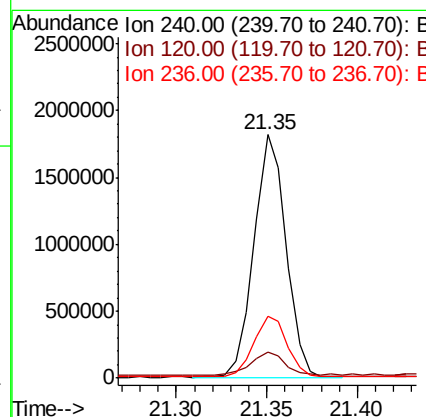
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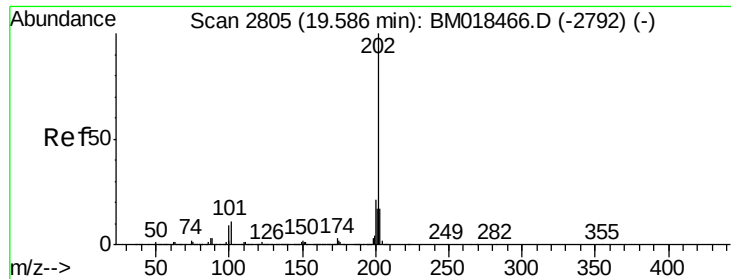
Sohil
1/11/2019 4:41:14 PM



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.35 min Scan# 3105
Delta R.T. -0.00 min
Lab File: BM018527.D
Acq: 11 Jan 2019 02:17

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	10.8	8.4	12.6
236	25.5	20.7	31.1





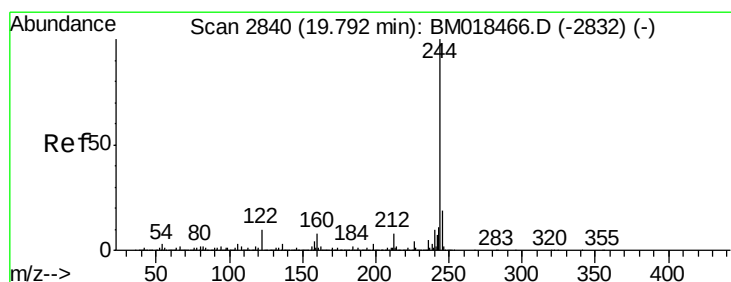
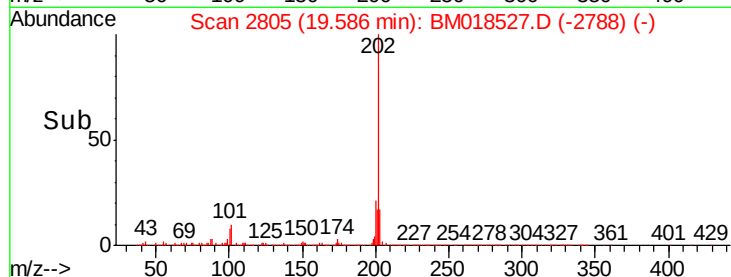
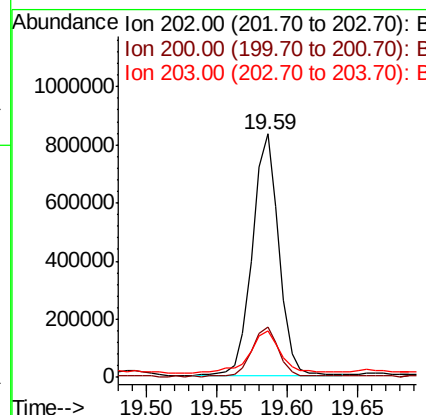
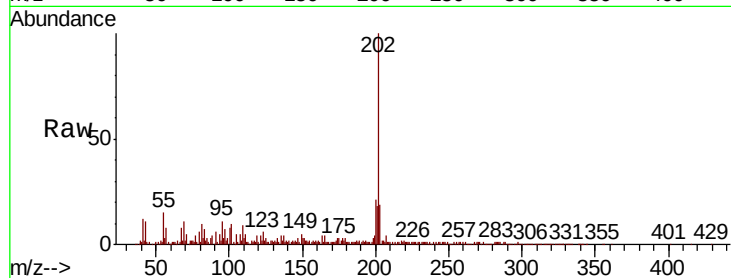
#78
Pvrene
Concen: 8.289 ng
RT: 19.59 min Scan# 2805
Delta R.T. -0.00 min
Lab File: BM018527.D
Acq: 11 Jan 2019 02:17

Instrument :
BNA_M
ClientSampled :
TP-21

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.6	24.8
203	19.0	13.8	20.8

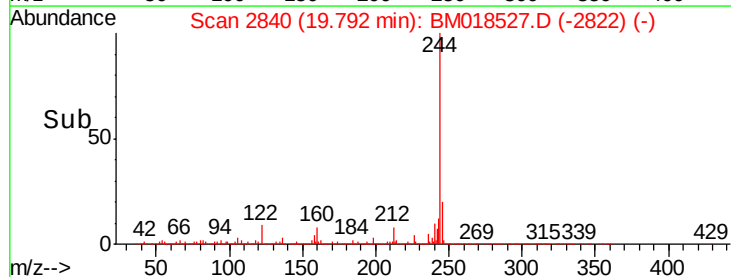
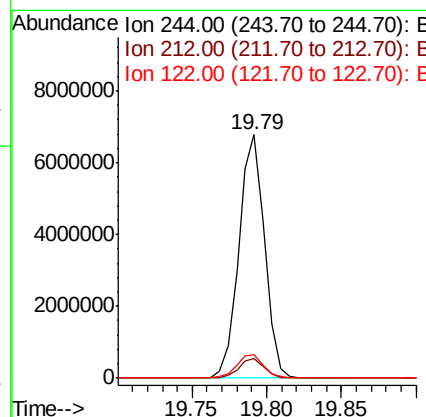
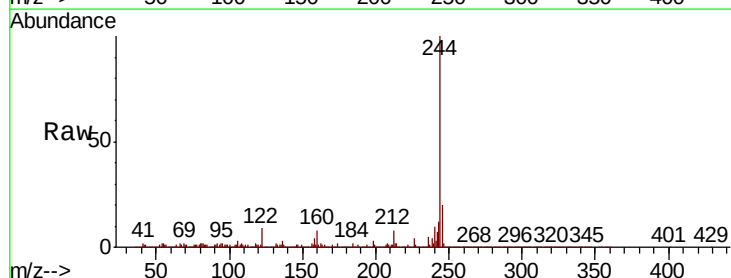
Manual Integrations
APPROVED

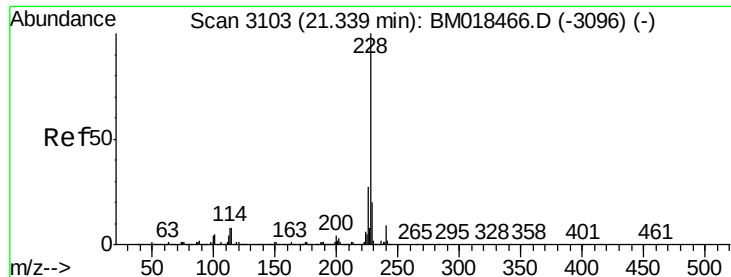
Sohil
1/11/2019 4:41:14 PM



#79
Terphenyl-d14
Concen: 77.004 ng
RT: 19.79 min Scan# 2840
Delta R.T. 0.01 min
Lab File: BM018527.D
Acq: 11 Jan 2019 02:17

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.8	5.9	8.9
122	9.4	9.0	13.4





#81

Benzo(a)anthracene

Concen: 4.976 ng

RT: 21.33 min Scan# 3102

Delta R.T. -0.00 min

Lab File: BM018527.D

Acq: 11 Jan 2019 02:17

Instrument :

BNA_M

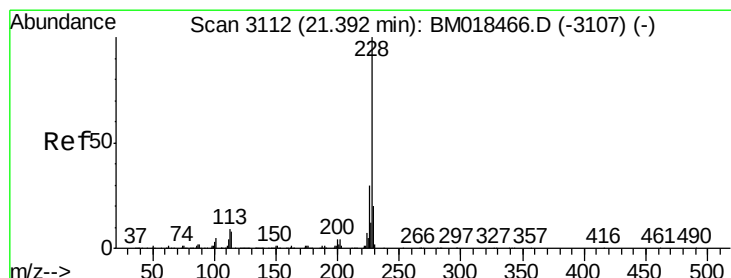
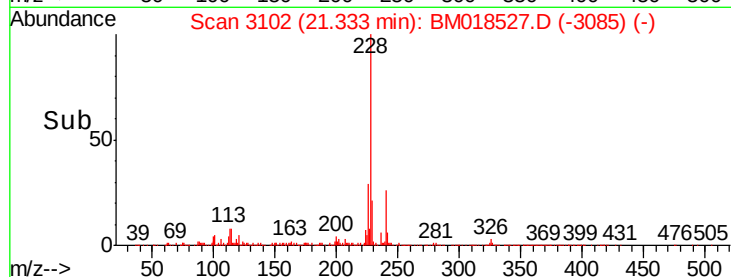
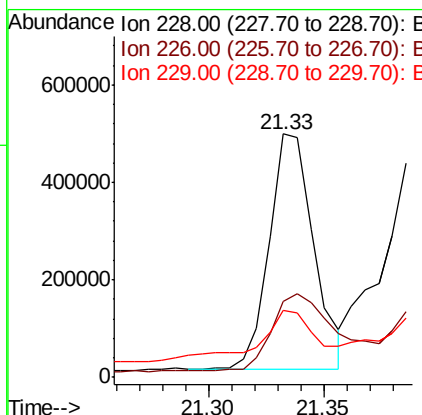
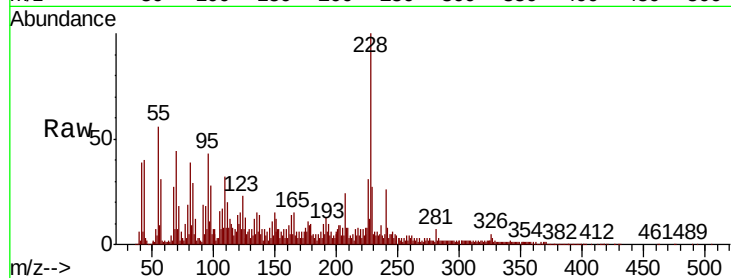
ClientSampled :

TP-21

Tot Ion:	228	Resp:	652169
Ion Ratio	Lower	Upper	
228	100		
226	30.9	21.8	32.6
229	27.3	15.8	23.8

Manual Integrations
APPROVED

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1/11/2019 4:41:14 PM



#83

Chrysene

Concen: 5.355 ng

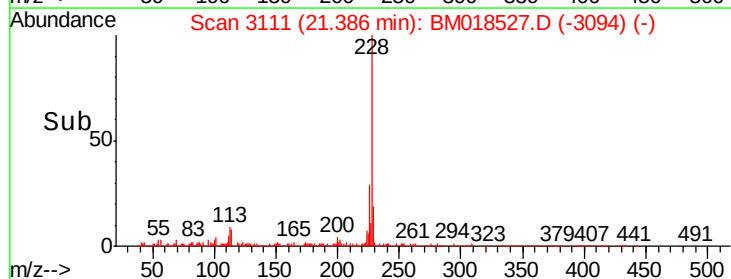
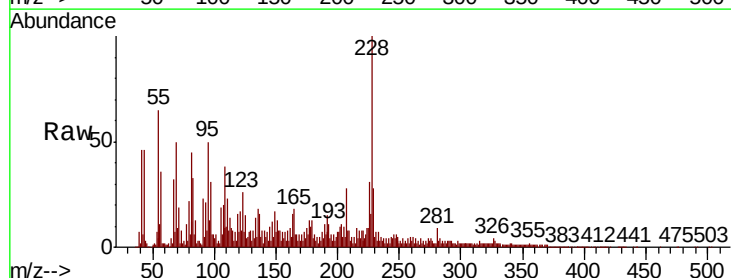
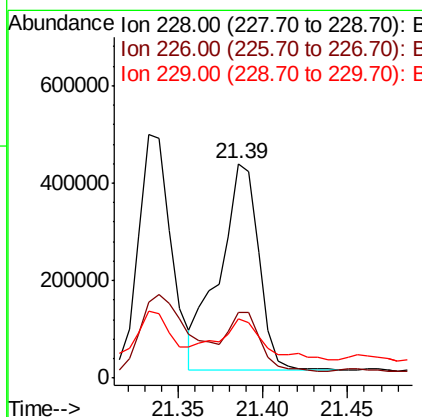
RT: 21.39 min Scan# 3111

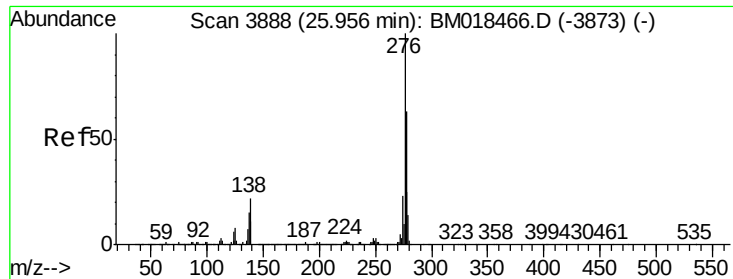
Delta R.T. -0.00 min

Lab File: BM018527.D

Acq: 11 Jan 2019 02:17

Tgt Ion:	228	Resp:	677703
Ion Ratio	Lower	Upper	
228	100		
226	30.9	24.2	36.2
229	27.7	15.6	23.4





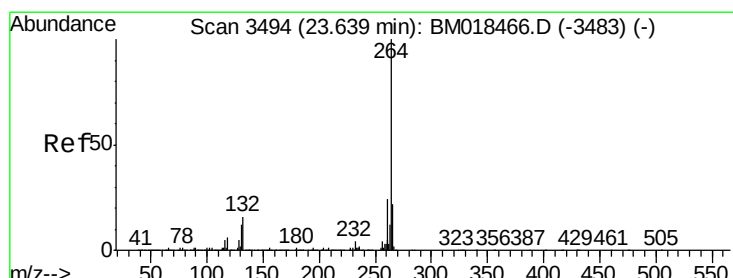
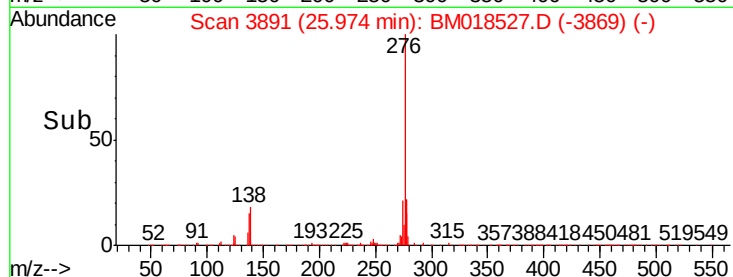
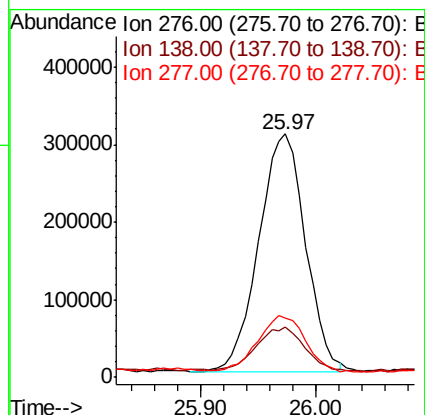
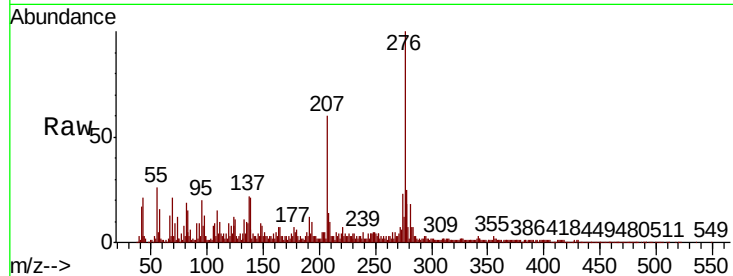
#86
Indeno(1,2,3-cd)pyrene
Concen: 5.913 ng
RT: 25.97 min Scan# 3891
Delta R.T. 0.03 min
Lab File: BM018527.D
Acq: 11 Jan 2019 02:17

Instrument :
BNA_M
ClientSampleId :
TP-21

Tot Ion	Ratio	Lower	Upper
276	100		
138	18.2	21.5	32.3#
277	23.5	20.2	30.2

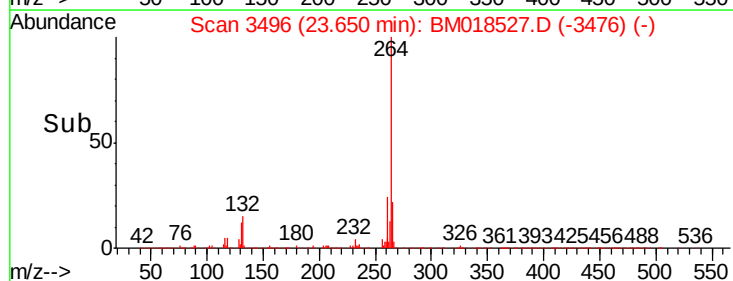
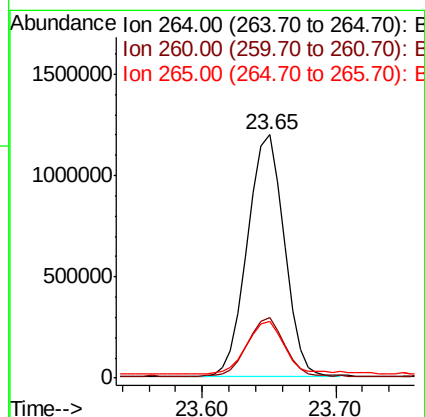
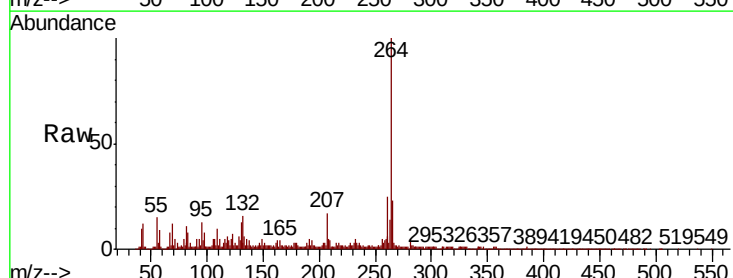
Manual Integrations
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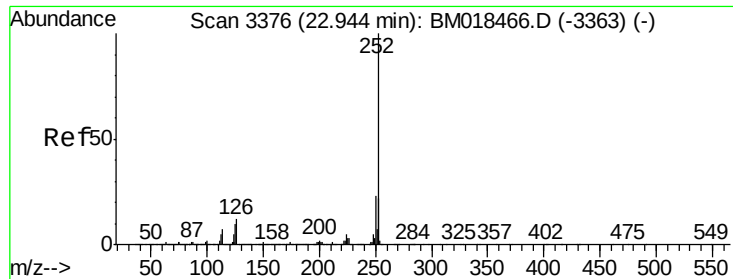
Sohil
1/11/2019 4:41:14 PM



#87
Perylene-d12
Concen: 20.000 ng
RT: 23.65 min Scan# 3496
Delta R.T. 0.02 min
Lab File: BM018527.D
Acq: 11 Jan 2019 02:17

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.7	18.9	28.3
265	23.2	16.8	25.2





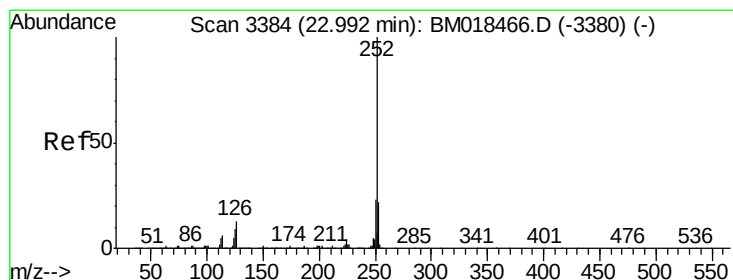
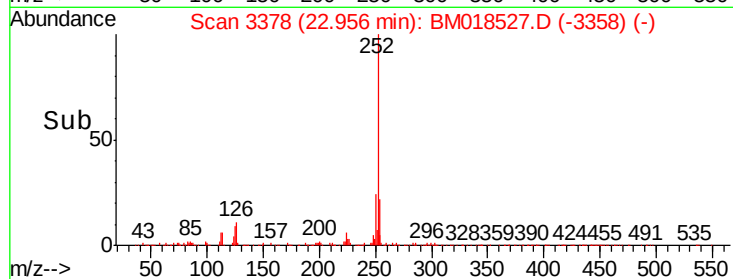
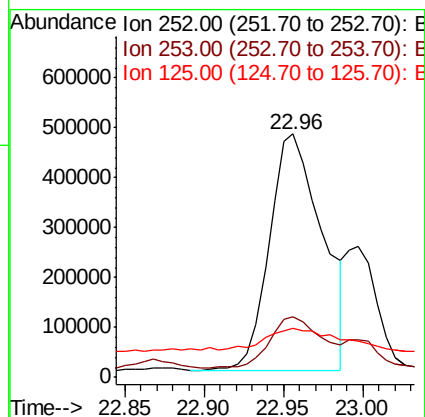
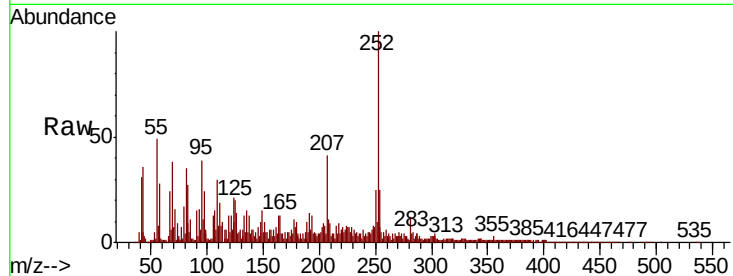
#88
Benzo(b)fluoranthene
Concen: 8.420 ng
RT: 22.96 min Scan# 3378
Delta R.T. 0.02 min
Lab File: BM018527.D
Acq: 11 Jan 2019 02:17

Instrument :
BNA_M
ClientSampleId :
TP-21

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.0	17.6	26.4
125	20.0	8.5	12.7

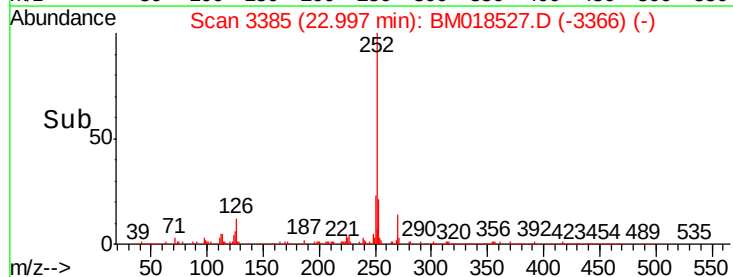
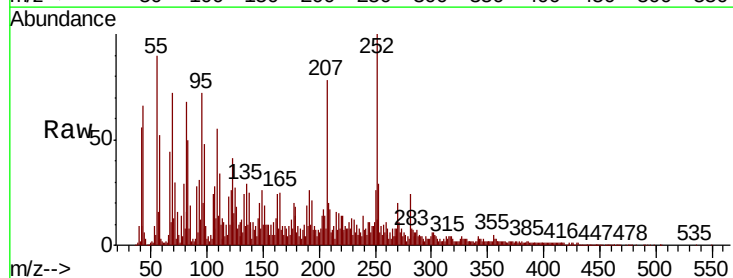
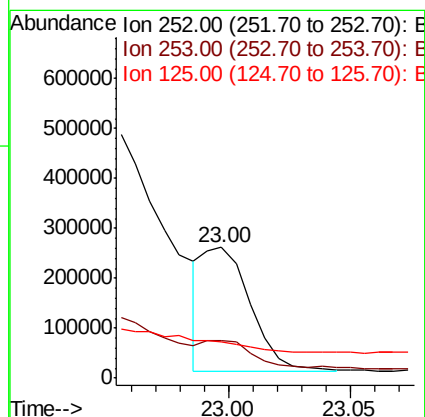
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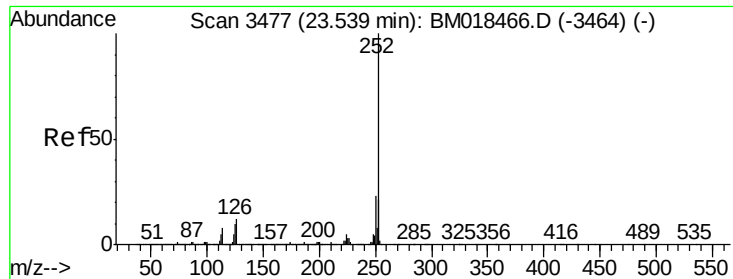
Sohil
1/11/2019 4:41:14 PM



#89
Benzo(k)fluoranthene
Concen: 2.559 ng m
RT: 23.00 min Scan# 3385
Delta R.T. 0.01 min
Lab File: BM018527.D
Acq: 11 Jan 2019 02:17

Tgt Ion	Ratio	Lower	Upper
252	100		
253	29.0	17.4	26.0
125	27.2	8.6	12.8





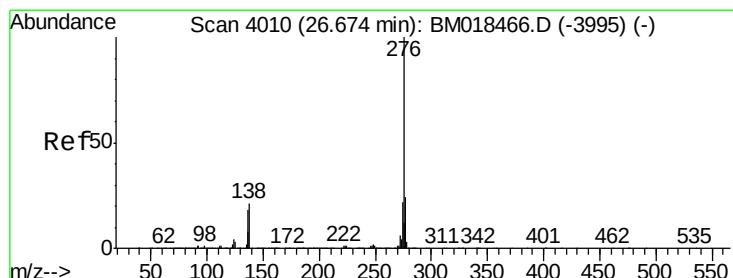
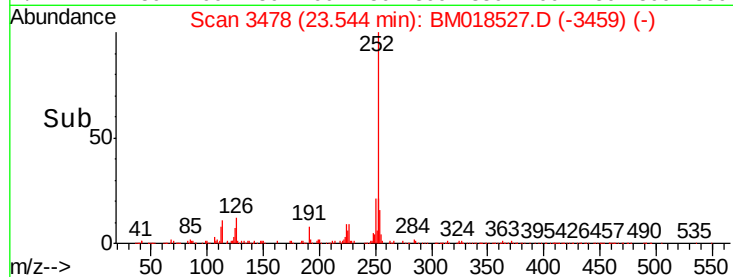
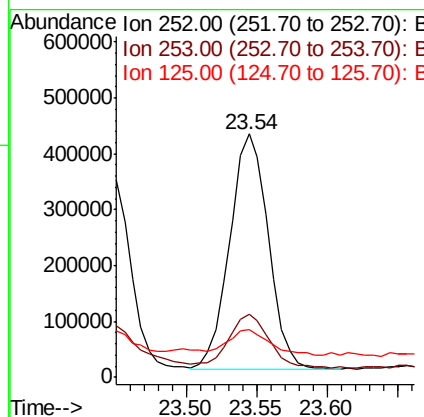
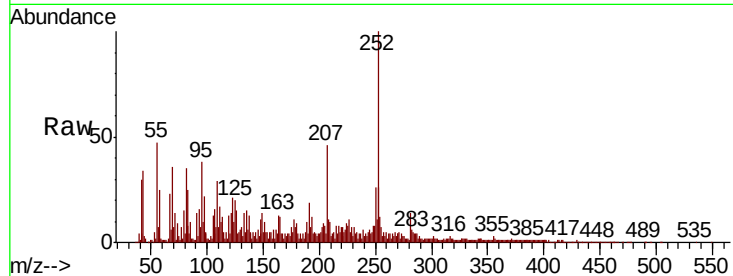
#90
Benzo(a)pyrene
Concen: 6.463 ng
RT: 23.54 min Scan# 3478
Delta R.T. 0.01 min
Lab File: BM018527.D
Acq: 11 Jan 2019 02:17

Instrument :
BNA_M
ClientSampled :
TP-21

Tot Ion	Ratio	Resp	Lower	Upper
252	100			
253	26.0	17.5	26.3	
125	19.5	9.7	14.5	

Manual Integrations
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1/11/2019 4:41:14 PM



#92
Benzo(g,h,i)perylene
Concen: 7.081 ng
RT: 26.69 min Scan# 4013
Delta R.T. 0.04 min
Lab File: BM018527.D
Acq: 11 Jan 2019 02:17

Tgt Ion	Ratio	Resp	Lower	Upper
276	100			
277	24.7	19.0	28.4	
138	21.7	18.1	27.1	

