

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM010919\
 Data File : BM018483.D
 Acq On : 09 Jan 2019 21:18
 Operator : JU/SJ
 Sample : K1044-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CPSB-11(10-15)

Manual Integrations
 APPROVED

Sohil
 1/10/2019 3:12:03 PM

Quant Time: Jan 10 06:29:41 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 09 12:39:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	564167	20.00	ng	0.00
21) Naphthalene-d8	10.56	136	2405442	20.00	ng	0.00
39) Acenaphthene-d10	14.41	164	1401402	20.00	ng	0.00
64) Phenanthrene-d10	17.16	188	3187819	20.00	ng	0.00
76) Chrysene-d12	21.36	240	2445339	20.00	ng	0.00
87) Perylene-d12	23.65	264	2325070	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	2843207	93.06	ng	0.00
7) Phenol-d6	6.94	99	3824563	98.55	ng	0.00
23) Nitrobenzene-d5	8.93	82	2396270	57.75	ng	0.00
42) 2,4,6-Tribromophenol	15.91	330	1625832	91.11	ng	0.00
45) 2-Fluorobiphenyl	13.03	172	6180787	57.55	ng	0.00
79) Terphenyl-d14	19.80	244	8185281	70.56	ng	0.01
Target Compounds						
10) Phenol	6.97	94	202997	5.148	ng	96
31) Naphthalene	10.60	128	311602	2.690	ng	97
50) Dimethylphthalate	13.87	163	884339	7.684	ng	99
71) Phenanthrene	17.20	178	1238301	7.303	ng	99
75) Fluoranthene	19.24	202	1433101	7.331	ng	98
78) Pyrene	19.59	202	1239532	8.552	ng	98
81) Benzo(a)anthracene	21.34	228	514159	3.569	ng	# 93
83) Chrysene	21.39	228	507727	3.650	ng	# 94
88) Benzo(b)fluoranthene	22.96	252	635767m	4.816	ng	
90) Benzo(a)pyrene	23.55	252	435878	3.449	ng	# 80
92) Benzo(g,h,i)perylene	26.69	276	290471	2.331	ng	92

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

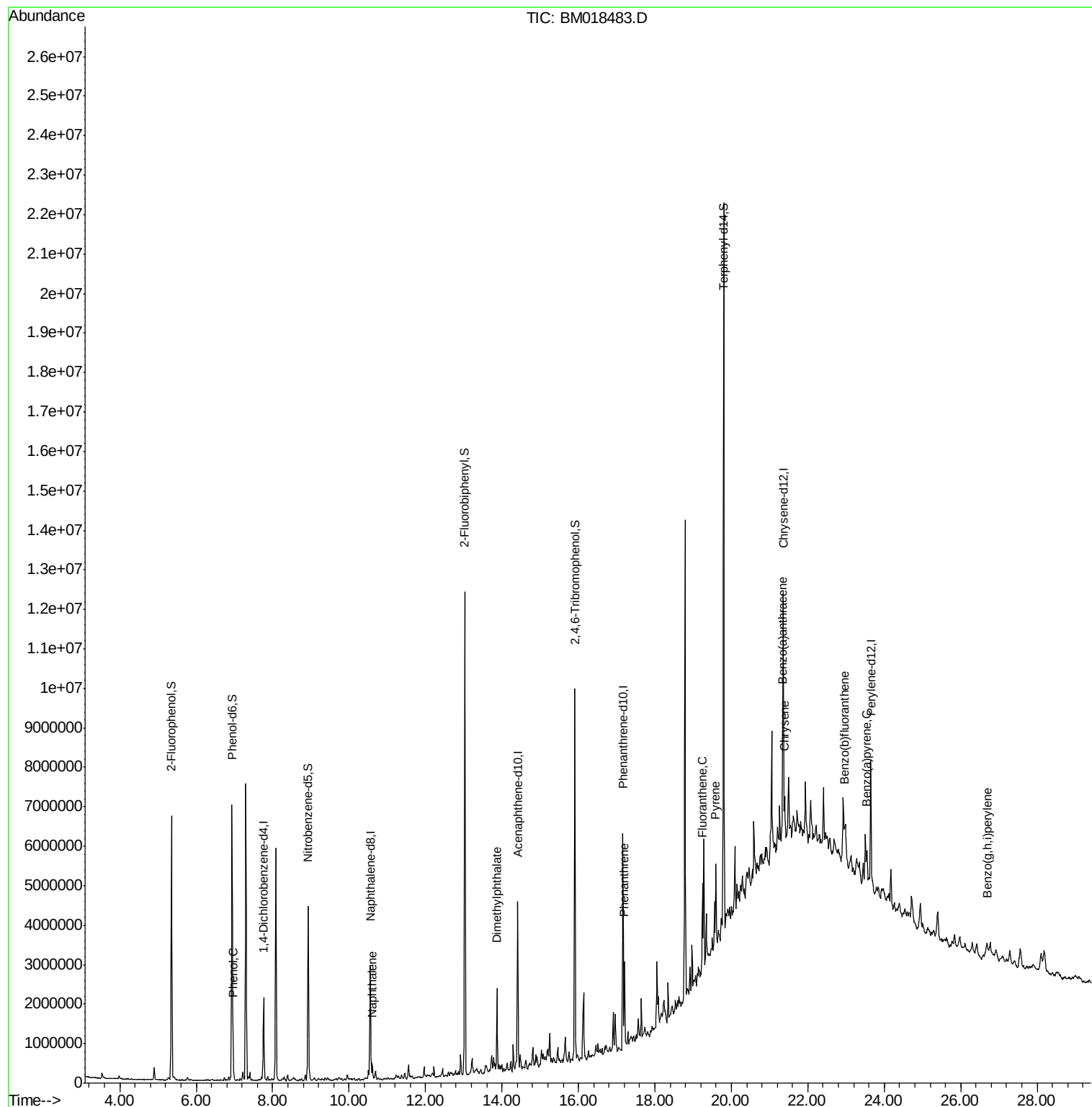
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM010919\
Data File : BM018483.D
Acq On : 09 Jan 2019 21:18
Operator : JU/SJ
Sample : K1044-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

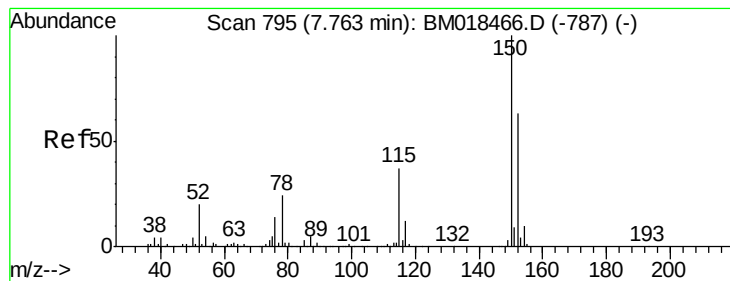
Instrument :
BNA_M
ClientSampleId :
CPSB-11(10-15)

Manual Integrations
APPROVED

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1/10/2019 3:12:03 PM

Quant Time: Jan 10 06:29:41 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
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Response via : Initial Calibration





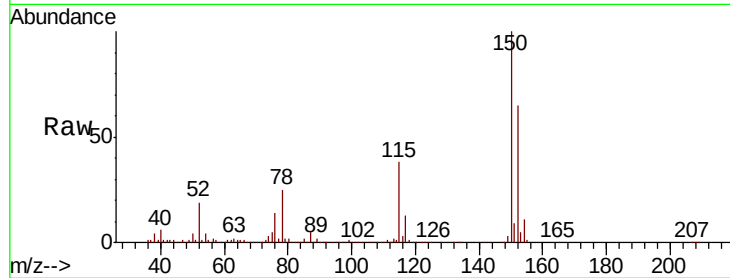
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.76 min Scan# 795
 Delta R.T. -0.00 min
 Lab File: BM018483.D
 Acq: 09 Jan 2019 21:18

Instrument :
 BNA_M
 ClientSampleId :
 CPSB-11(10-15)

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.7	126.9	190.3
115	58.8	45.5	68.3

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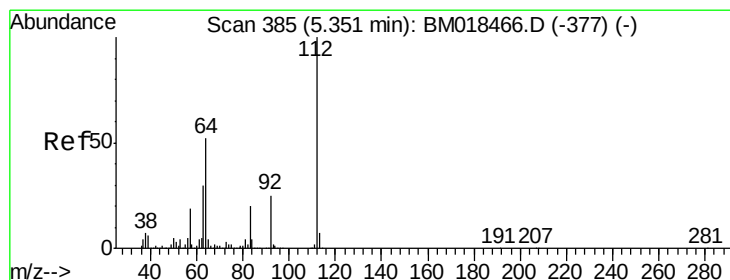
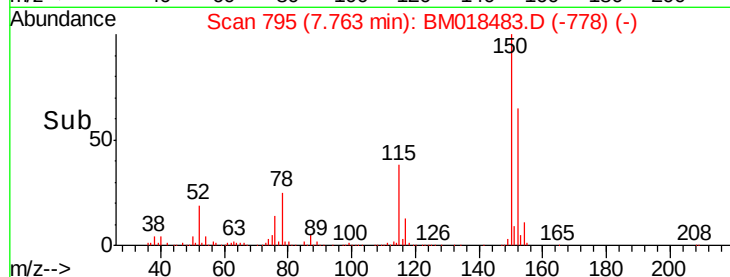
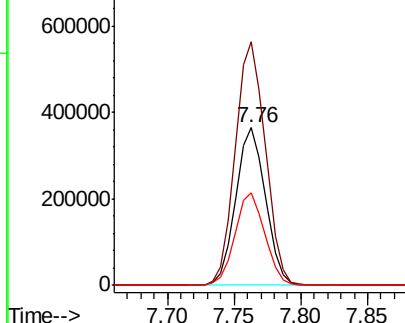


Abundance

Ion 152.00 (151.70 to 152.70): E

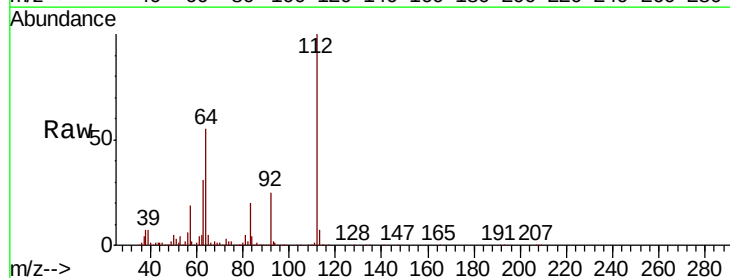
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5
 2-Fluorophenol
 Concen: 93.057 ng
 RT: 5.35 min Scan# 385
 Delta R.T. -0.00 min
 Lab File: BM018483.D
 Acq: 09 Jan 2019 21:18

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.8	46.5	69.7
63	30.6	25.2	37.8

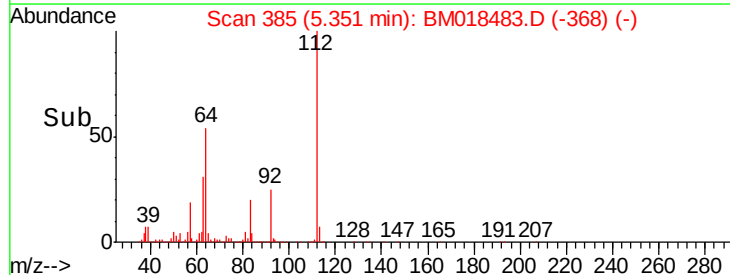
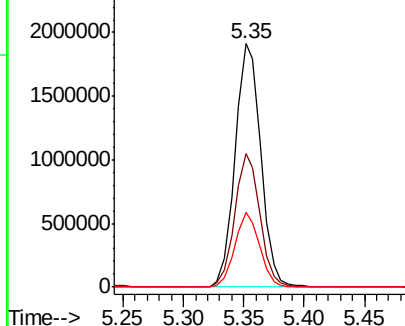


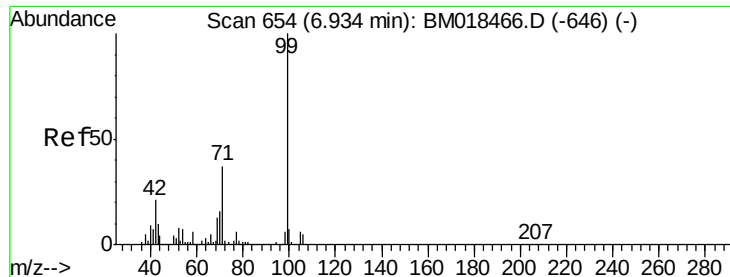
Abundance

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





#7

Phenol-d6

Concen: 98.555 ng

RT: 6.94 min Scan# 655

Delta R.T. 0.01 min

Lab File: BM018483.D

Acq: 09 Jan 2019 21:18

Instrument :

BNA_M

ClientSampleId :

CPSB-11(10-15)

Tot Ion: 99 Resp: 3824563

Ion Ratio Lower Upper

99 100

42 19.5 17.3 25.9

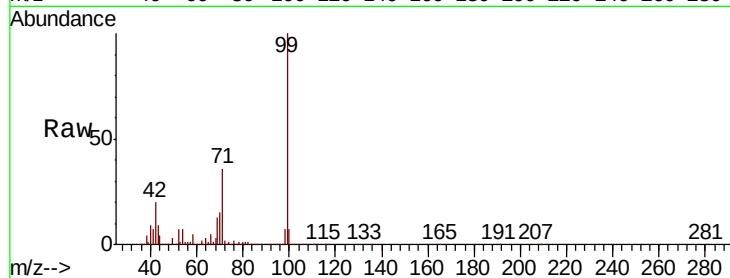
71 36.0 28.0 42.0

Manual Integrations

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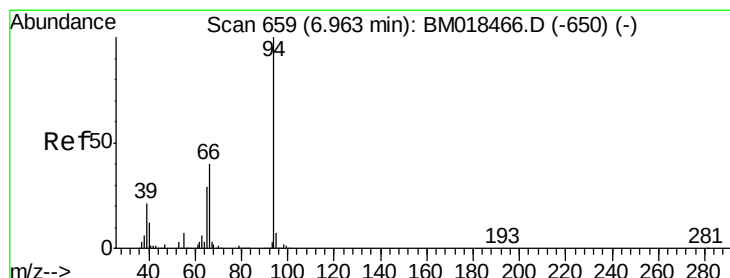
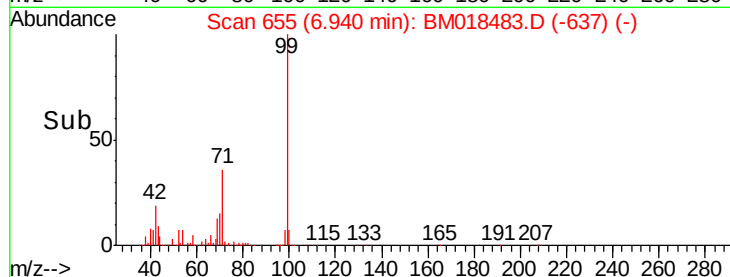
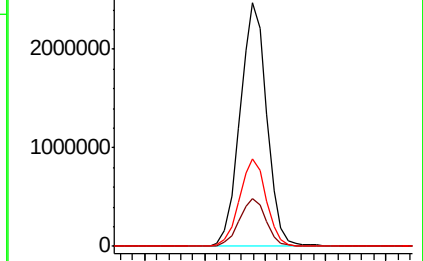
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Abundance Ion 99.00 (98.70 to 99.70): BM018466.D (-646) (-)

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: 5.148 ng

RT: 6.97 min Scan# 660

Delta R.T. 0.01 min

Lab File: BM018483.D

Acq: 09 Jan 2019 21:18

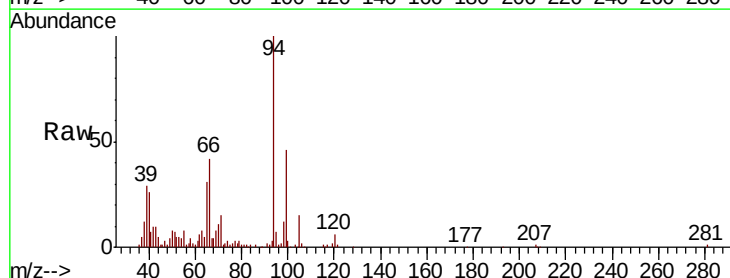
Tgt Ion: 94 Resp: 202997

Ion Ratio Lower Upper

94 100

65 31.2 9.4 49.4

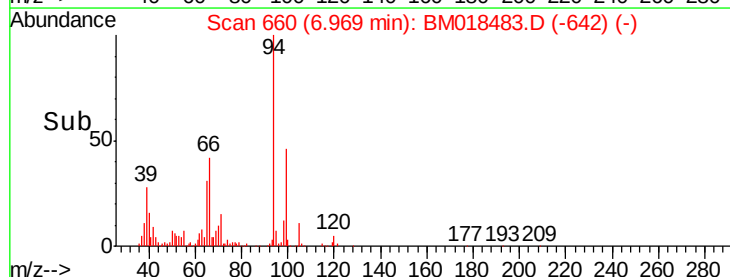
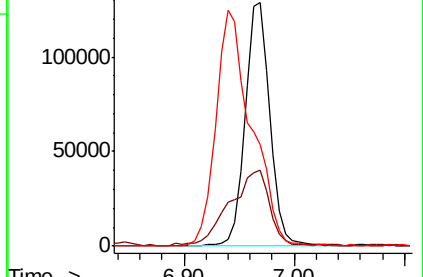
66 41.8 19.1 59.1

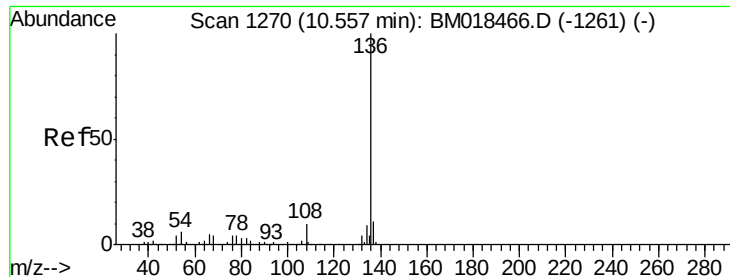


Abundance Ion 94.00 (93.70 to 94.70): BM018466.D (-650) (-)

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

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





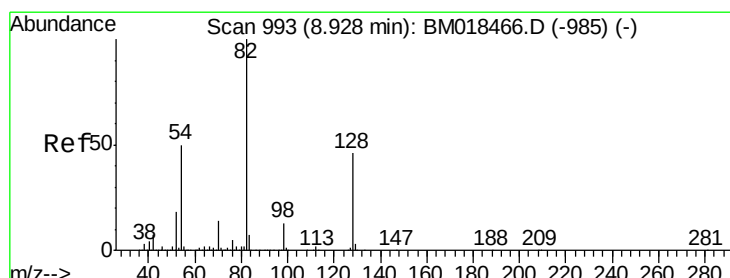
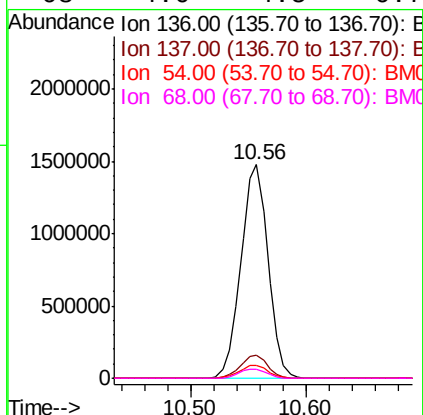
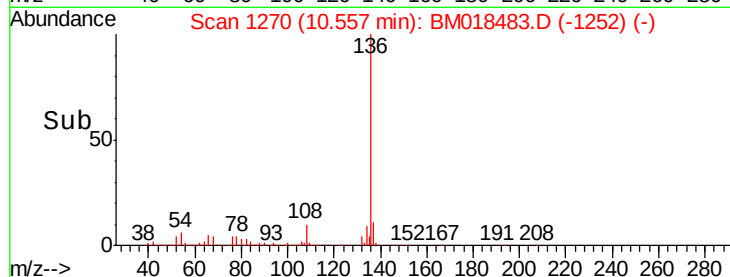
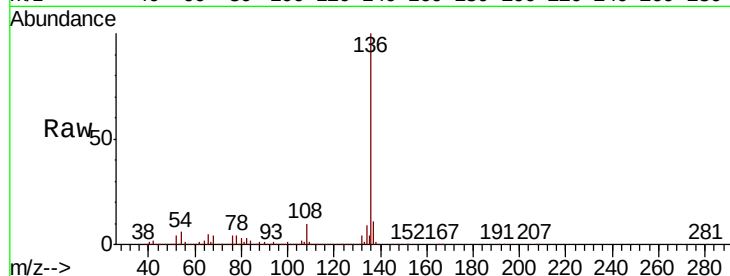
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.56 min Scan# 1270
Delta R.T. 0.01 min
Lab File: BM018483.D
Acq: 09 Jan 2019 21:18

Instrument :
BNA_M
ClientSampleId :
CPSB-11(10-15)

Tot Ion	136	Resp	2405442
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.5	12.7
54	6.2	6.0	9.0
68	4.0	4.5	6.7#

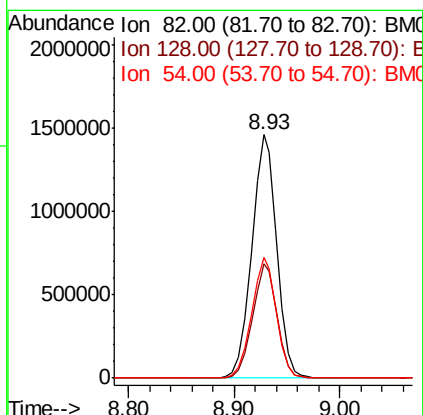
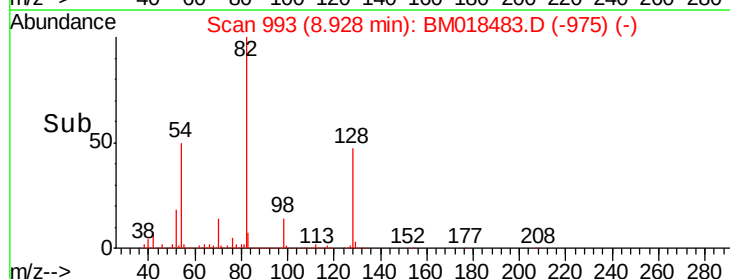
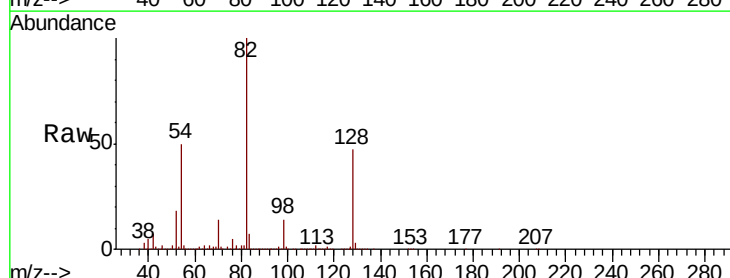
Manual Integrations
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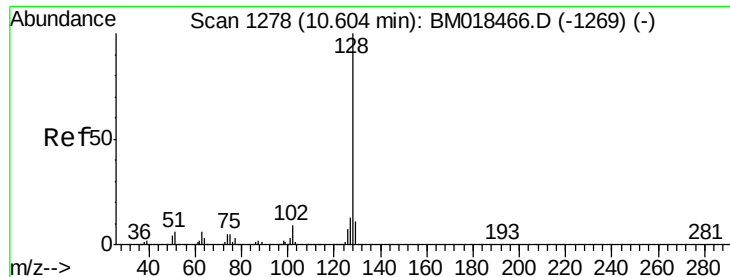
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#23
Nitrobenzene-d5
Concen: 57.750 ng
RT: 8.93 min Scan# 993
Delta R.T. 0.01 min
Lab File: BM018483.D
Acq: 09 Jan 2019 21:18

Tgt Ion	82	Resp	2396270
Ion	Ratio	Lower	Upper
82	100		
128	47.1	36.3	54.5
54	49.7	41.7	62.5





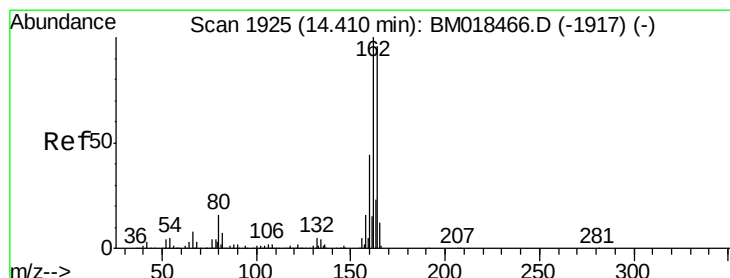
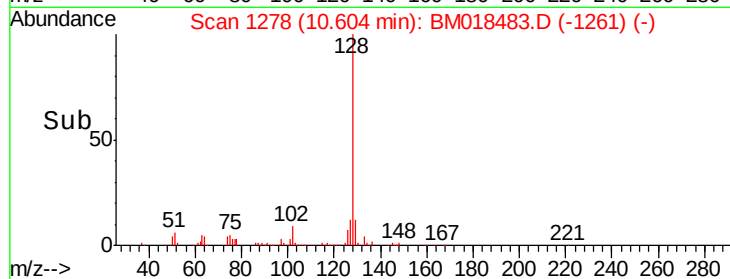
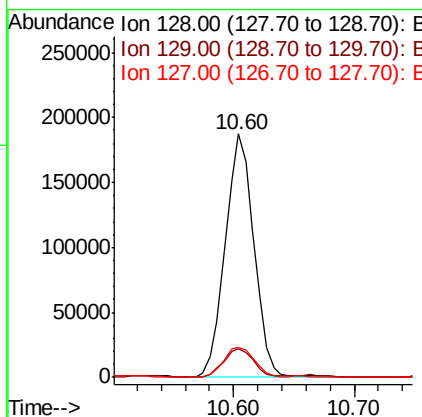
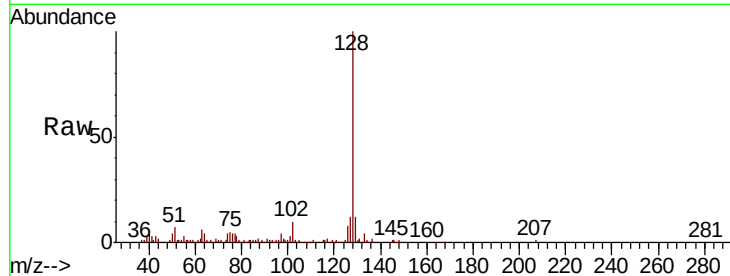
#31
Naphthalene
Concen: 2.690 ng
RT: 10.60 min Scan# 1278
Delta R.T. -0.00 min
Lab File: BM018483.D
Acq: 09 Jan 2019 21:18

Instrument :
BNA_M
ClientSampleId :
CPSB-11(10-15)

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.8	8.7	13.1
127	12.3	10.8	16.2

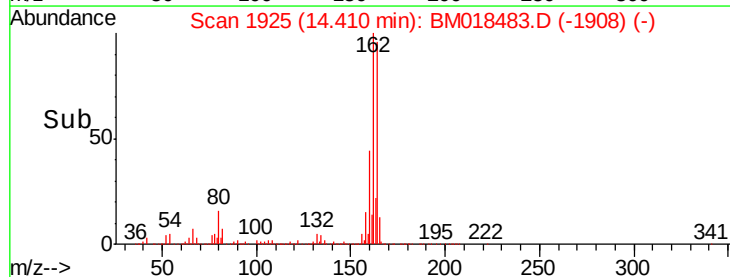
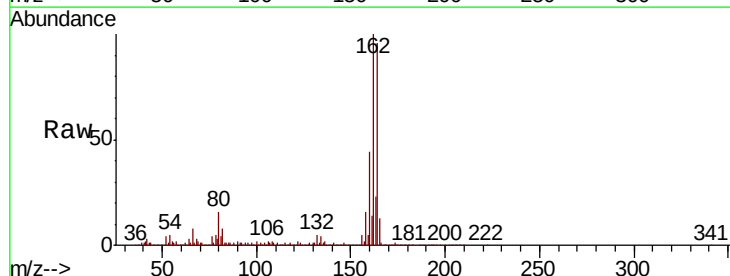
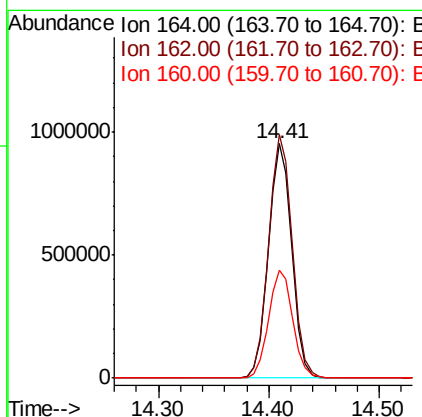
Manual Integrations
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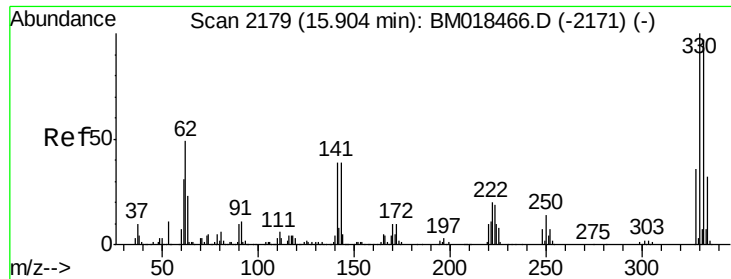
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.41 min Scan# 1925
Delta R.T. -0.00 min
Lab File: BM018483.D
Acq: 09 Jan 2019 21:18

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.0	83.0	124.4
160	46.2	37.1	55.7





#42

2,4,6-Tribromophenol

Concen: 91.115 ng

RT: 15.91 min Scan# 2180

Delta R.T. 0.01 min

Lab File: BM018483.D

Acq: 09 Jan 2019 21:18

Instrument :

BNA_M

ClientSampleId :

CPSB-11(10-15)

Tot Ion:330 Resp: 1625832

Ion Ratio Lower Upper

330 100

332 96.4 77.6 116.4

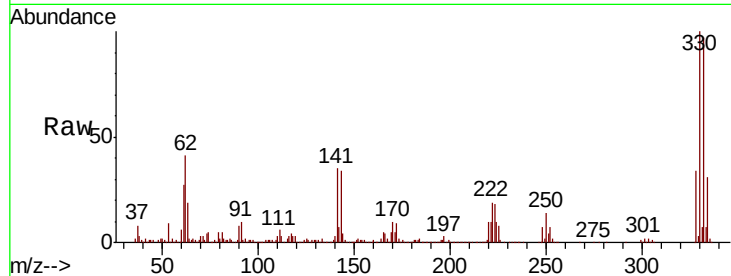
141 38.4 31.7 47.5

Manual Integrations

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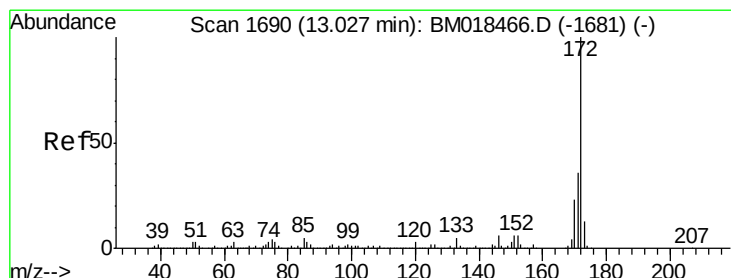
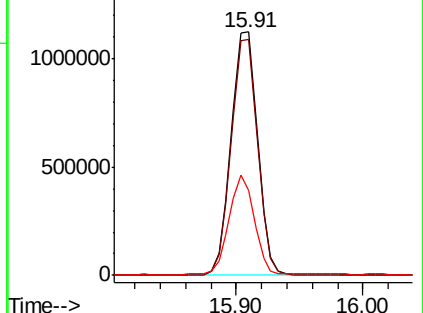
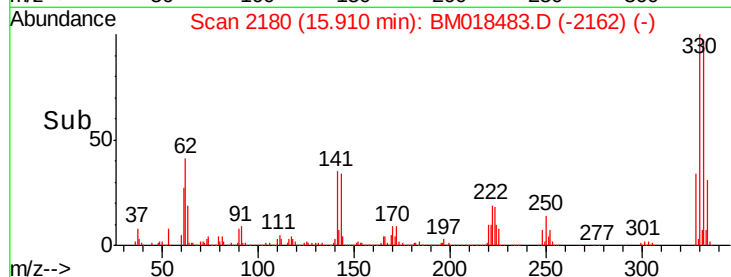


Abundance

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: 57.550 ng

RT: 13.03 min Scan# 1690

Delta R.T. 0.01 min

Lab File: BM018483.D

Acq: 09 Jan 2019 21:18

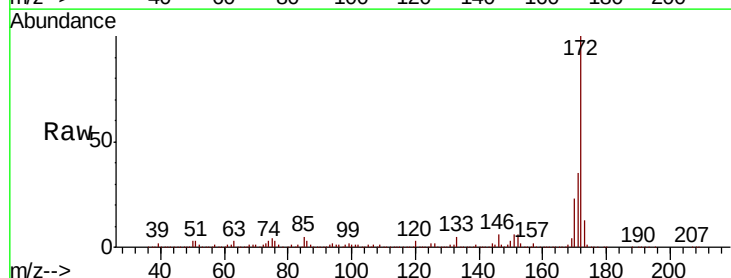
Tgt Ion:172 Resp: 6180787

Ion Ratio Lower Upper

172 100

171 35.4 28.2 42.4

170 23.2 18.9 28.3

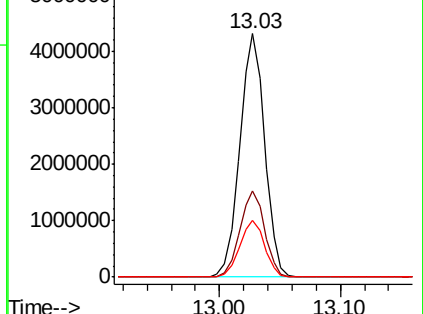
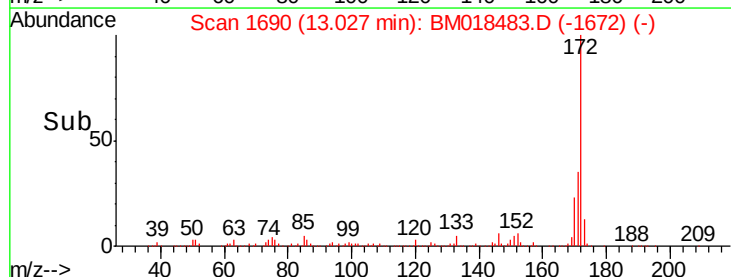


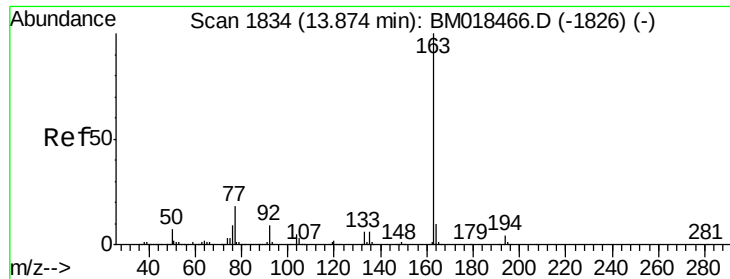
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





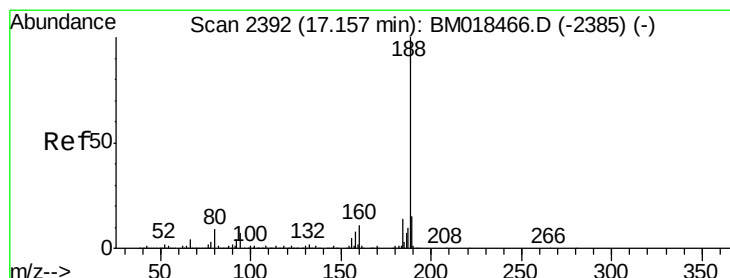
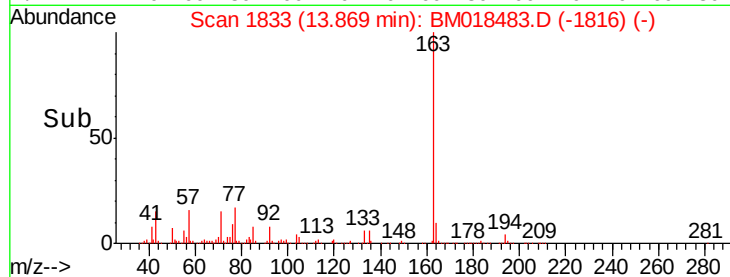
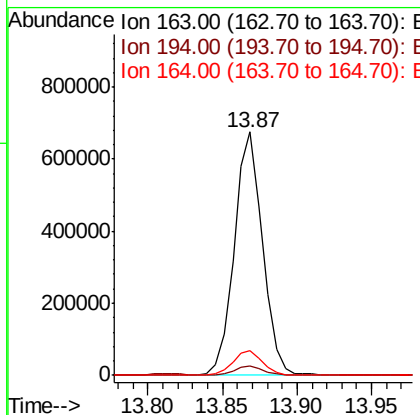
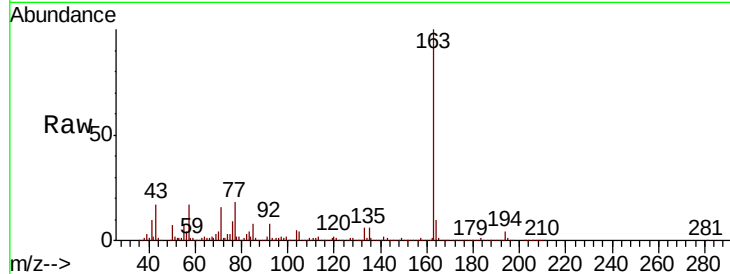
#50
Dimethylphthalate
Concen: 7.684 ng
RT: 13.87 min Scan# 1833
Delta R.T. -0.00 min
Lab File: BM018483.D
Acq: 09 Jan 2019 21:18

Instrument :
BNA_M
ClientSampleId :
CPSB-11(10-15)

Tot Ion	Ratio	Resp	Lower	Upper
163	100	884339		
194	4.1		3.0	4.6
164	10.3		7.8	11.8

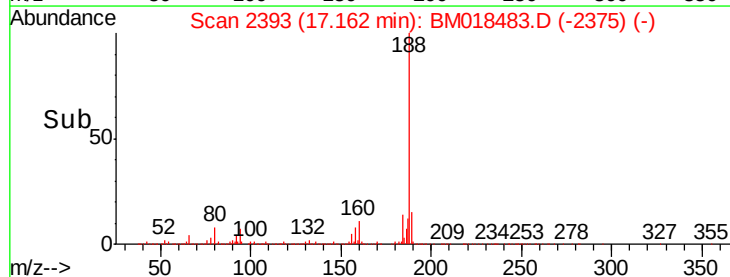
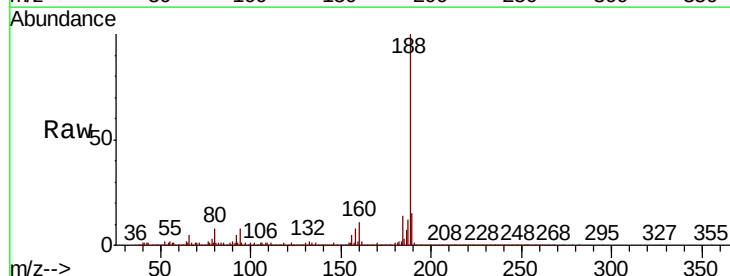
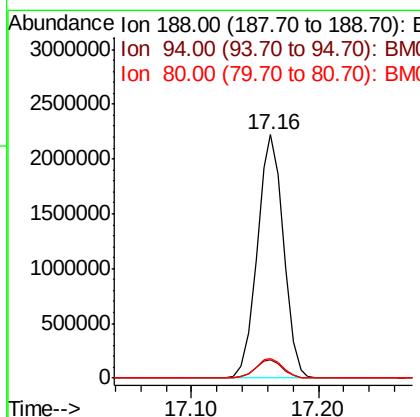
Manual Integrations
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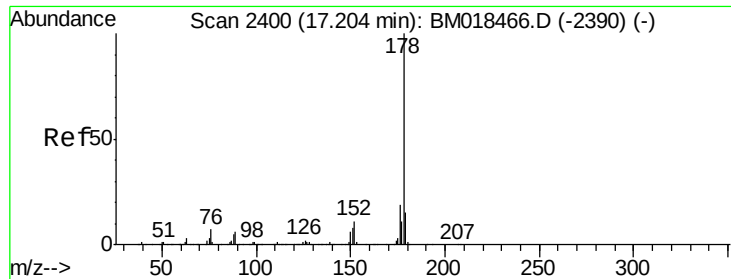
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.16 min Scan# 2393
Delta R.T. 0.01 min
Lab File: BM018483.D
Acq: 09 Jan 2019 21:18

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	3187819		
94	7.5		7.1	10.7
80	7.9		7.6	11.4





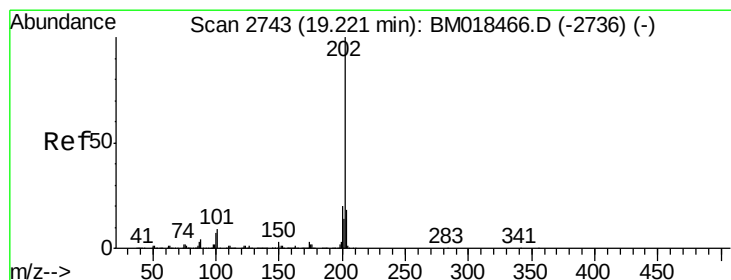
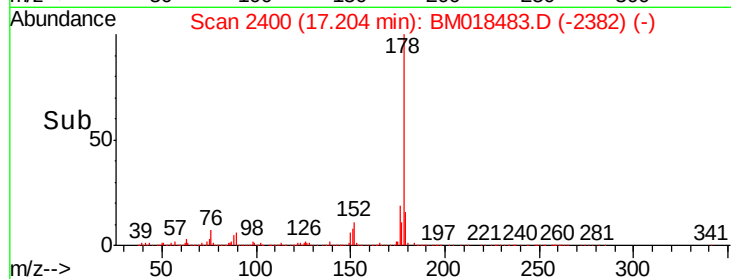
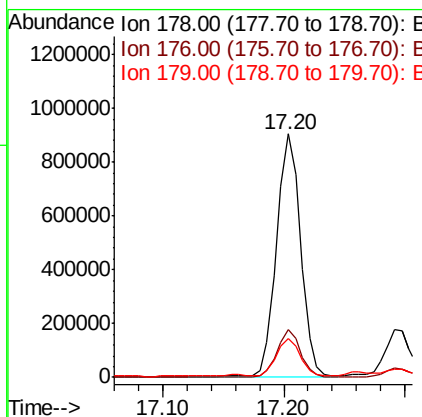
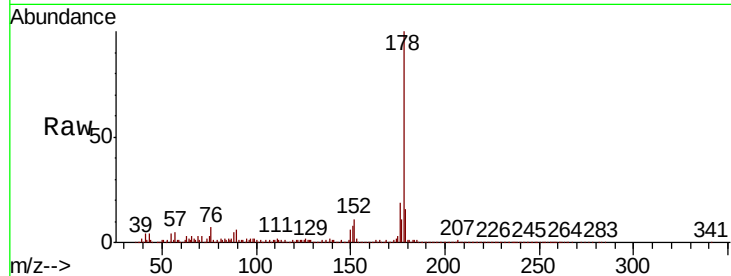
#71
Phenanthrene
Concen: 7.303 ng
RT: 17.20 min Scan# 2400
Delta R.T. 0.01 min
Lab File: BM018483.D
Acq: 09 Jan 2019 21:18

Instrument :
BNA_M
ClientSampleId :
CPSB-11(10-15)

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.4	23.0
179	16.2	12.2	18.4

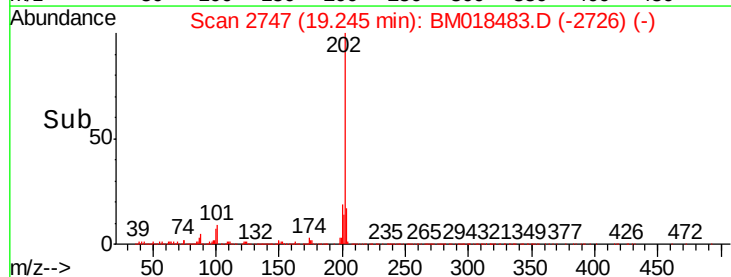
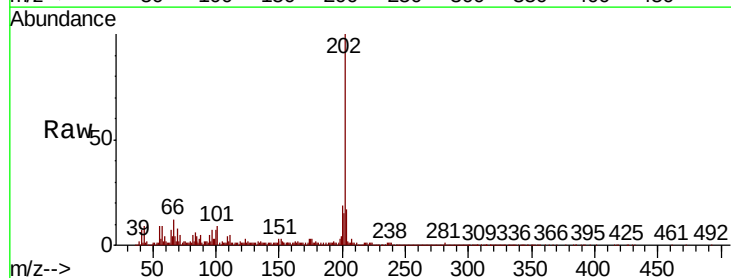
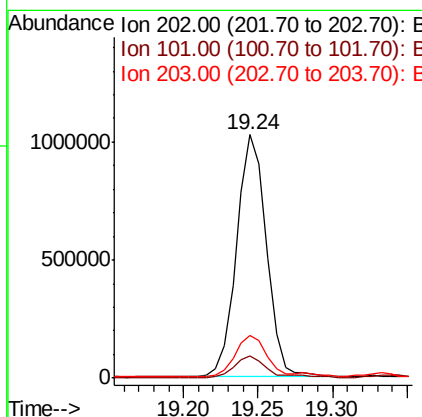
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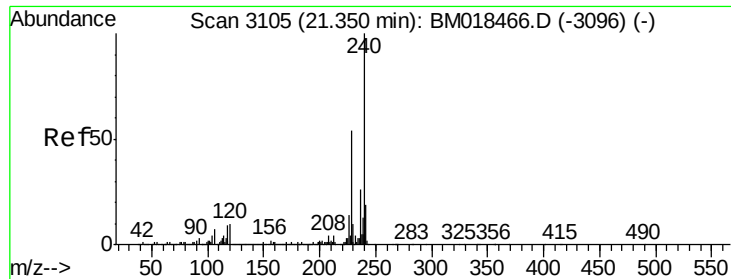
Sohil
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#75
Fluoranthene
Concen: 7.331 ng
RT: 19.24 min Scan# 2747
Delta R.T. 0.02 min
Lab File: BM018483.D
Acq: 09 Jan 2019 21:18

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.3	0.0	30.9
203	17.5	0.0	37.4





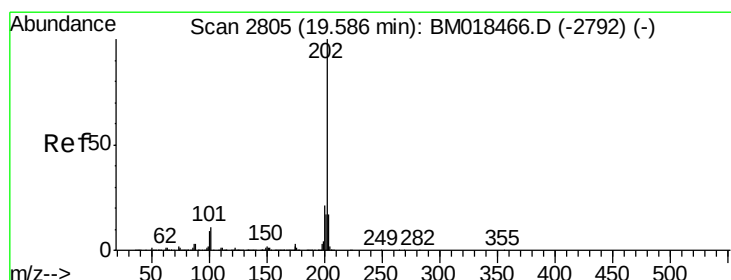
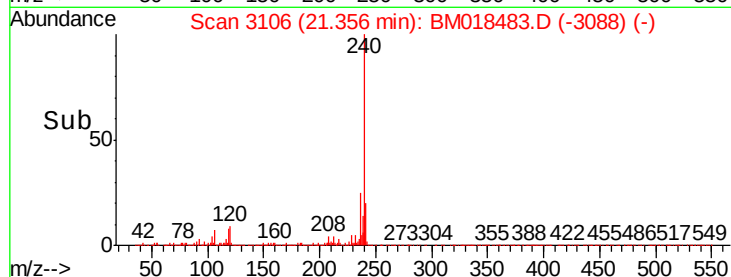
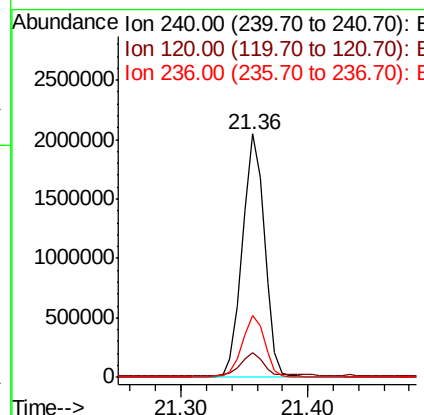
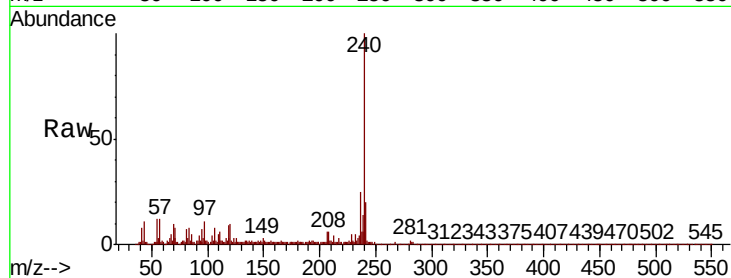
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.36 min Scan# 3106
Delta R.T. 0.01 min
Lab File: BM018483.D
Acq: 09 Jan 2019 21:18

Instrument :
BNA_M
ClientSampleId :
CPSB-11(10-15)

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.0	8.4	12.6
236	25.5	20.7	31.1

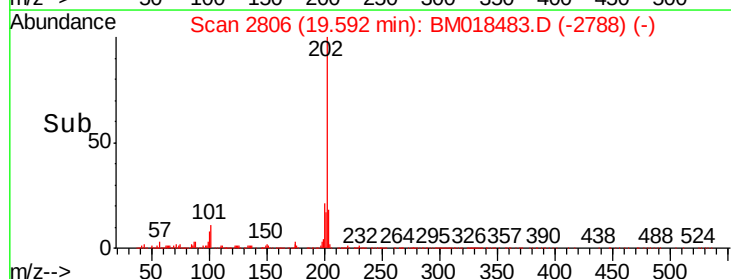
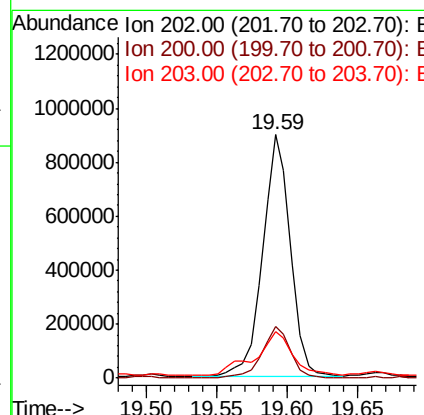
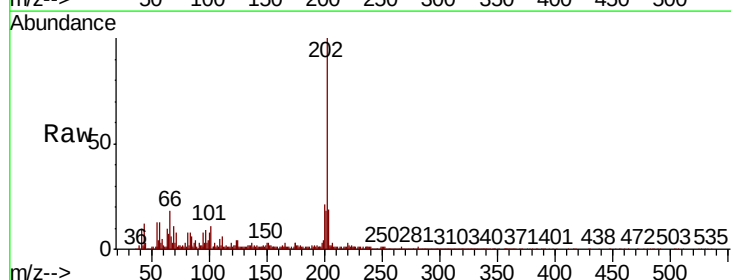
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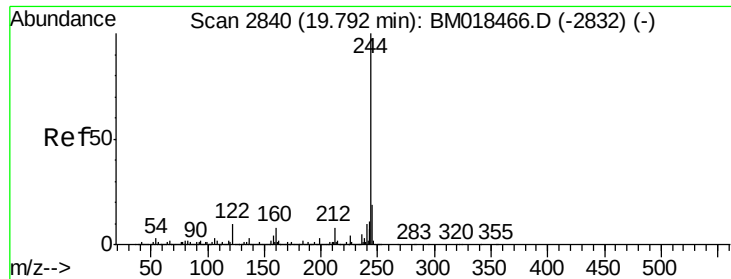
Sohil
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#78
Pyrene
Concen: 8.552 ng
RT: 19.59 min Scan# 2806
Delta R.T. 0.01 min
Lab File: BM018483.D
Acq: 09 Jan 2019 21:18

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.6	24.8
203	19.1	13.8	20.8





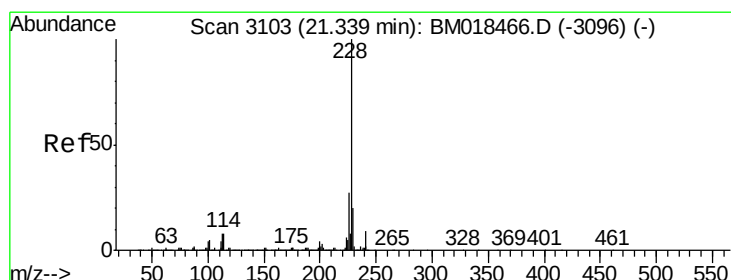
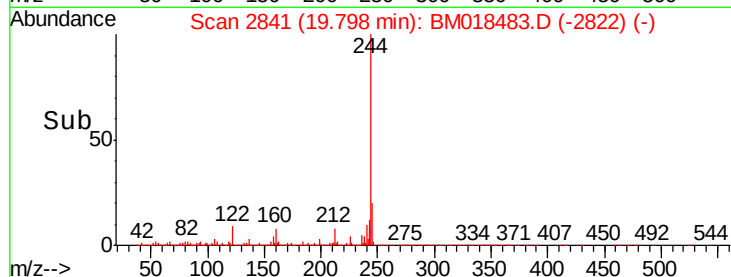
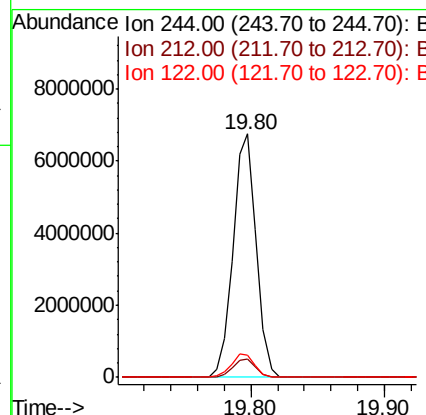
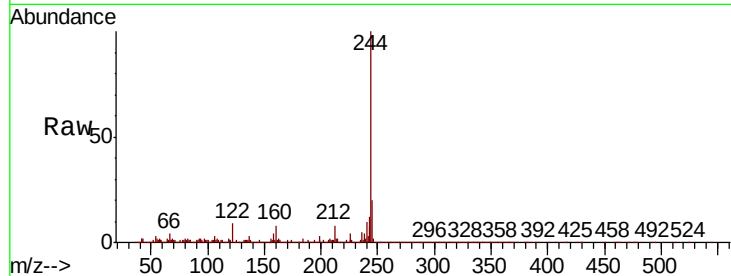
#79
 Terphenyl-d14
 Concen: 70.562 ng
 RT: 19.80 min Scan# 2841
 Delta R.T. 0.01 min
 Lab File: BM018483.D
 Acq: 09 Jan 2019 21:18

Instrument :
 BNA_M
 ClientSampleId :
 CPSB-11(10-15)

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.8	5.9	8.9
122	9.2	9.0	13.4

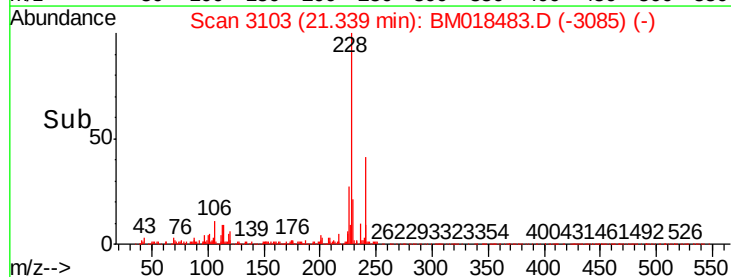
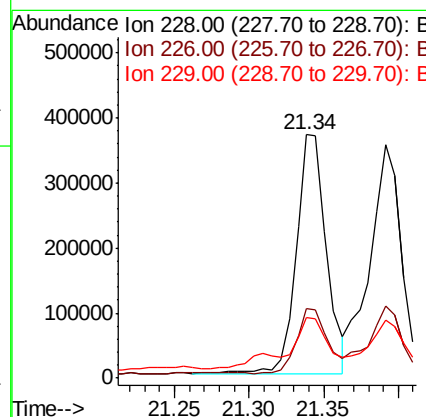
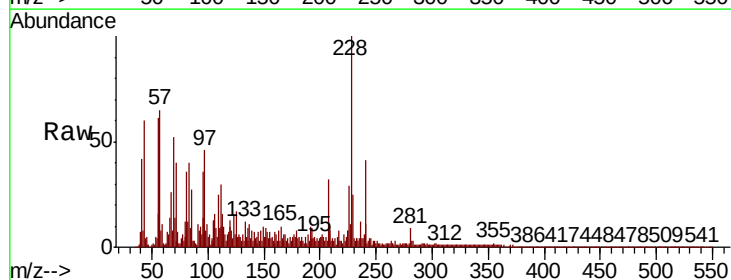
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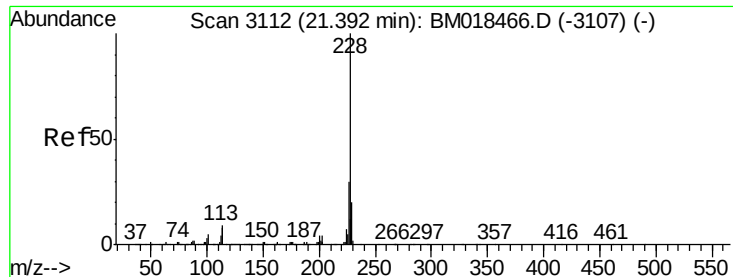
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#81
 Benzo(a)anthracene
 Concen: 3.569 ng
 RT: 21.34 min Scan# 3103
 Delta R.T. 0.01 min
 Lab File: BM018483.D
 Acq: 09 Jan 2019 21:18

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.8	21.8	32.6
229	25.0	15.8	23.8





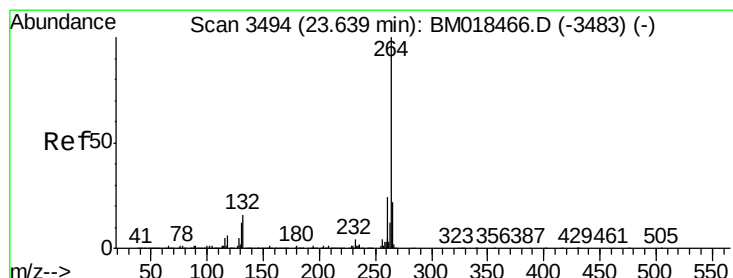
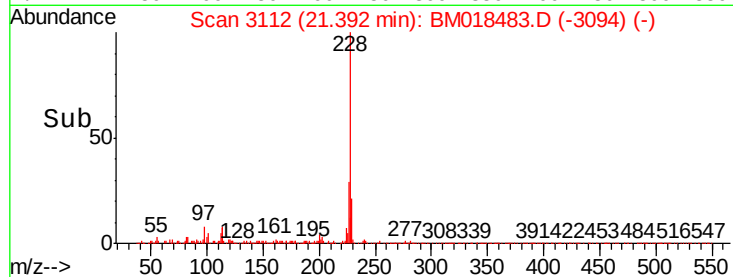
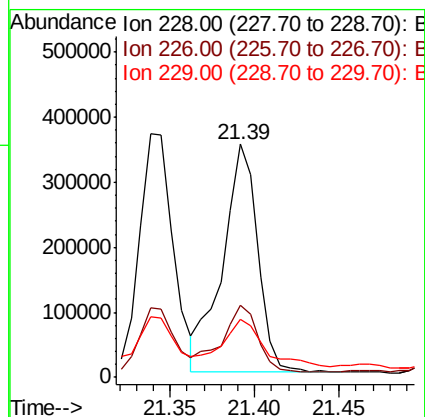
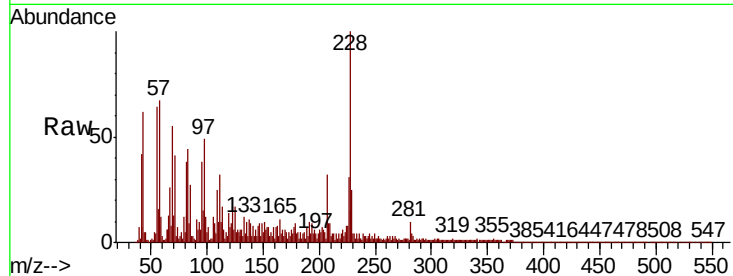
#83
Chrysene
Concen: 3.650 ng
RT: 21.39 min Scan# 3112
Delta R.T. 0.01 min
Lab File: BM018483.D
Acq: 09 Jan 2019 21:18

Instrument :
BNA_M
ClientSampleId :
CPSB-11(10-15)

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.2	36.2
229	25.1	15.6	23.4

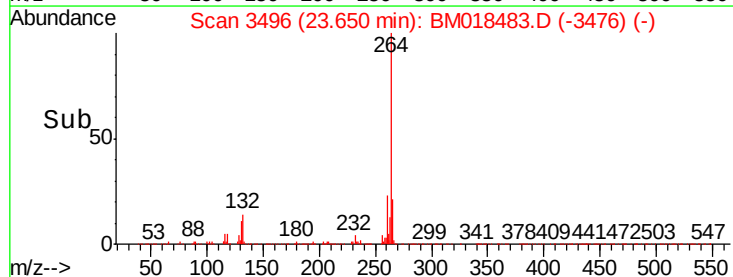
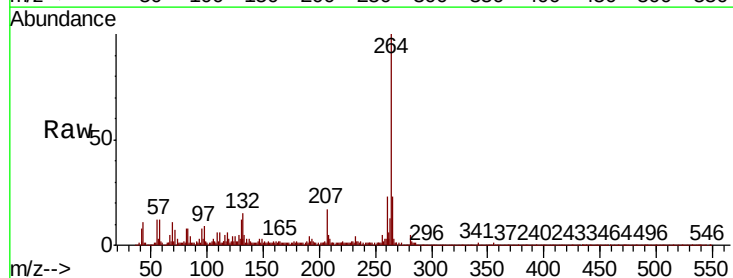
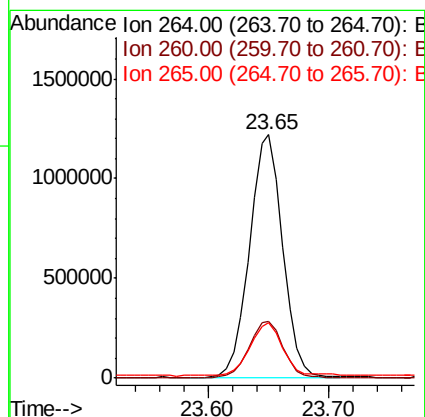
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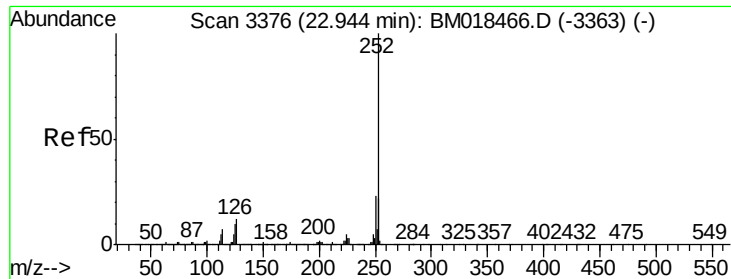
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#87
Perylene-d12
Concen: 20.000 ng
RT: 23.65 min Scan# 3496
Delta R.T. 0.02 min
Lab File: BM018483.D
Acq: 09 Jan 2019 21:18

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.9	28.3
265	22.6	16.8	25.2





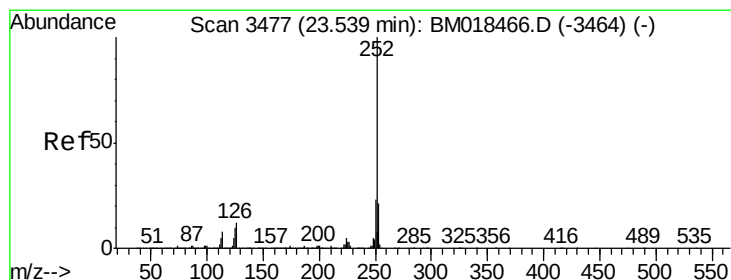
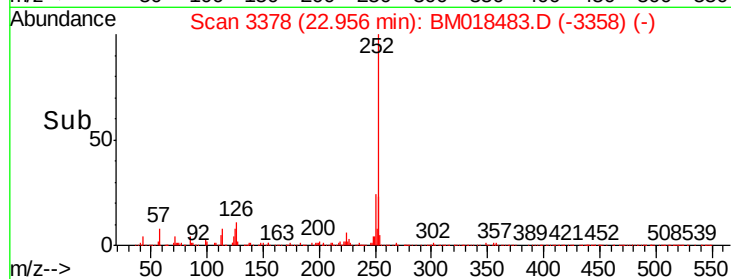
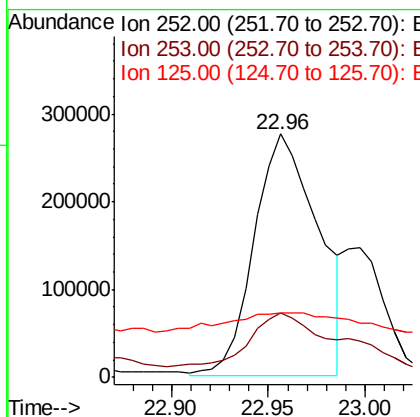
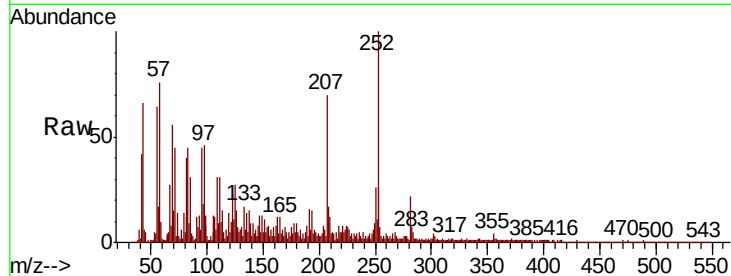
#88
Benzo(b)fluoranthene
Concen: 4.816 ng m
RT: 22.96 min Scan# 3378
Delta R.T. 0.02 min
Lab File: BM018483.D
Acq: 09 Jan 2019 21:18

Instrument :
BNA_M
ClientSampleId :
CPSB-11(10-15)

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.3	17.6	26.4
125	26.5	8.5	12.7

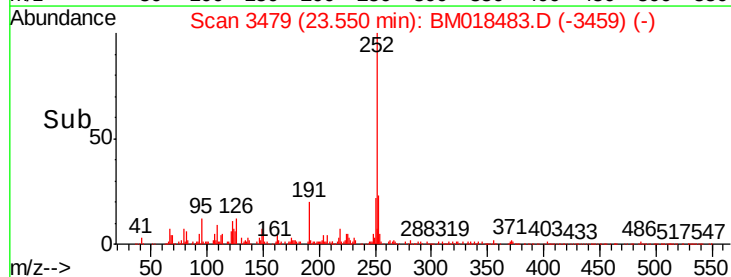
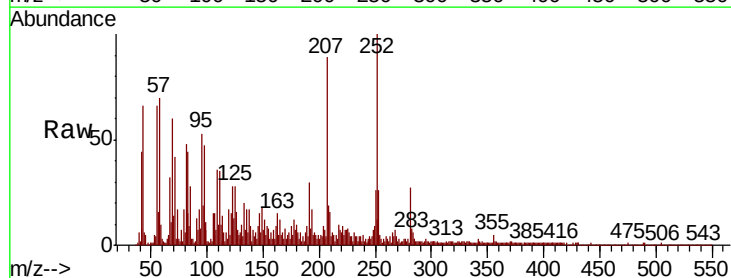
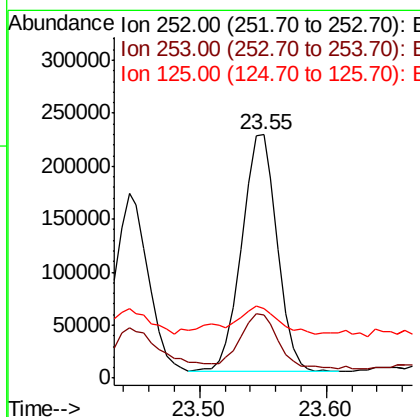
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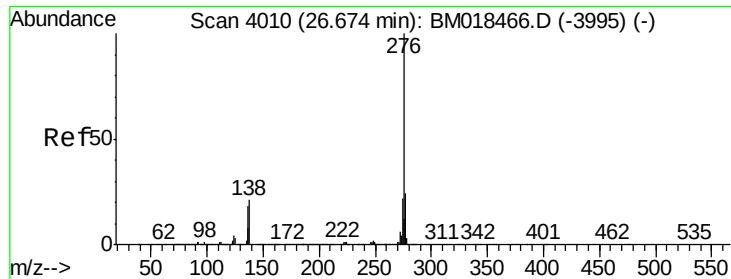
Sohil
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#90
Benzo(a)pyrene
Concen: 3.449 ng
RT: 23.55 min Scan# 3479
Delta R.T. 0.02 min
Lab File: BM018483.D
Acq: 09 Jan 2019 21:18

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.1	17.5	26.3
125	28.3	9.7	14.5





#92
 Benzo(a,h,i)perylene
 Concen: 2.331 ng
 RT: 26.69 min Scan# 4012
 Delta R.T. 0.03 min
 Lab File: BM018483.D
 Acq: 09 Jan 2019 21:18

Instrument :
 BNA_M
 ClientSampleId :
 CPSB-11(10-15)

Tot Ion:	276	Resp:	290471
Ion Ratio	Lower	Upper	
276	100		
277	28.1	19.0	28.4
138	26.2	18.1	27.1

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