

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM010919\
 Data File : BM018482.D
 Acq On : 09 Jan 2019 20:42
 Operator : JU/SJ
 Sample : K1044-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CPSB-08(10-15)

Manual Integrations
 APPROVED

Sohil
 1/10/2019 3:12:02 PM

Quant Time: Jan 10 06:25:24 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	628924	20.00	ng	0.00
21) Naphthalene-d8	10.56	136	2634906	20.00	ng	0.00
39) Acenaphthene-d10	14.41	164	1536464	20.00	ng	0.00
64) Phenanthrene-d10	17.16	188	3483180	20.00	ng	0.00
76) Chrysene-d12	21.37	240	2836536	20.00	ng	0.02
87) Perylene-d12	23.66	264	2642178	20.00	ng	0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	3467736	101.81	ng	0.00
7) Phenol-d6	6.94	99	4595701	106.23	ng	0.00
23) Nitrobenzene-d5	8.93	82	2892646	63.64	ng	0.00
42) 2,4,6-Tribromophenol	15.91	330	2133326	109.05	ng	0.00
45) 2-Fluorobiphenyl	13.03	172	7259744	61.65	ng	0.00
79) Terphenyl-d14	19.80	244	10052184	74.71	ng	0.02

Target Compounds				Qvalue		
10) Phenol	6.97	94	257882	5.866	ng	95
50) Dimethylphthalate	13.87	163	890168	7.054	ng	99
52) Acenaphthene	14.47	154	991350	10.687	ng	99
55) Dibenzofuran	14.81	168	329804	2.152	ng	# 90
58) Fluorene	15.46	166	685663	6.005	ng	# 96
71) Phenanthrene	17.21	178	1246086	6.726	ng	# 94
72) Anthracene	17.30	178	535095	3.004	ng	# 88
75) Fluoranthene	19.26	202	3506308	16.415	ng	94
78) Pyrene	19.60	202	2984263	17.749	ng	96
81) Benzo(a)anthracene	21.35	228	1107727	6.629	ng	# 91
83) Chrysene	21.40	228	1071601	6.641	ng	# 91
84) Bis(2-ethylhexyl)phthalate	21.27	149	780386	7.533	ng	# 88
86) Indeno(1,2,3-cd)pyrene	25.97	276	672949	3.617	ng	# 92
88) Benzo(b)fluoranthene	22.96	252	1425393	9.502	ng	# 74
89) Benzo(k)fluoranthene	23.01	252	428805m	2.837	ng	
90) Benzo(a)pyrene	23.56	252	902031	6.281	ng	# 80
92) Benzo(a,h,i)perylene	26.69	276	668451	4.721	ng	97

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

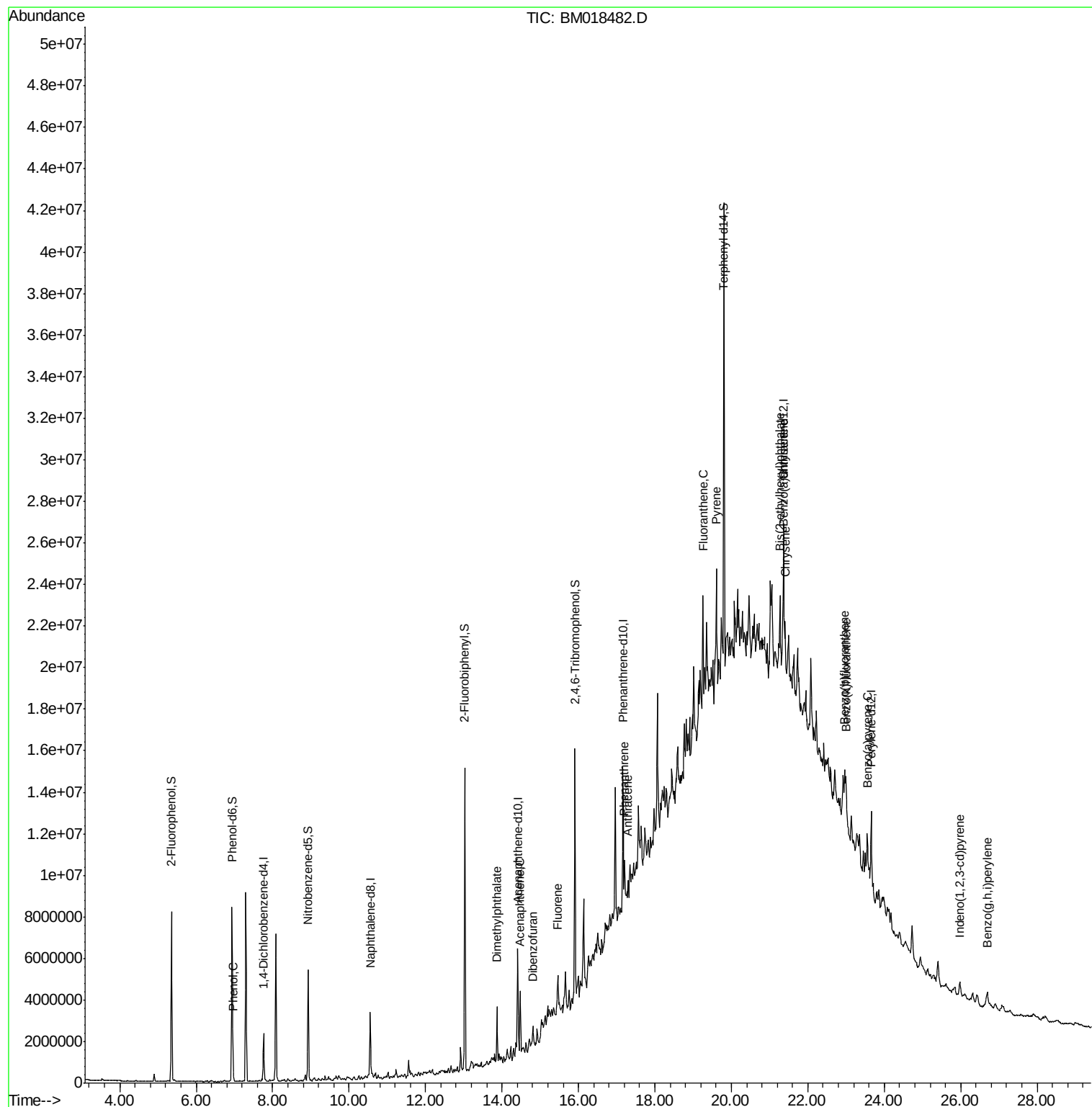
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM010919\
Data File : BM018482.D
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ALS Vial : 12 Sample Multiplier: 1

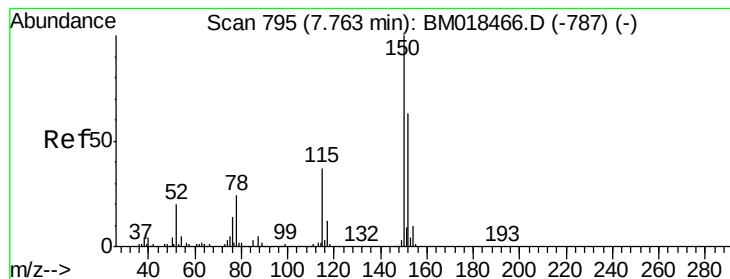
Instrument :
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ClientSampleId :
CPSB-08(10-15)

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





#1

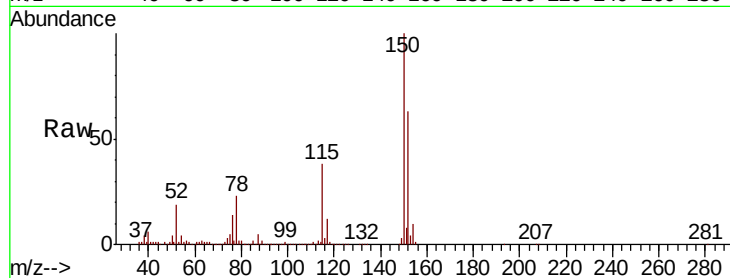
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.76 min Scan# 795
Delta R.T. -0.00 min
Lab File: BM018482.D
Acq: 09 Jan 2019 20:42

Instrument :
BNA_M
ClientSampleId :
CPSB-08(10-15)

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.7	126.9	190.3
115	60.2	45.5	68.3

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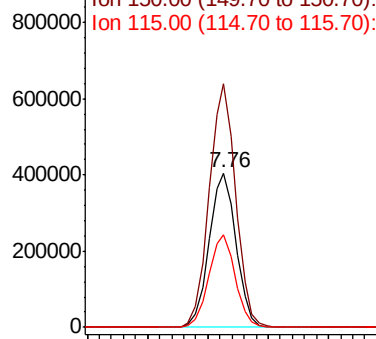


Abundance

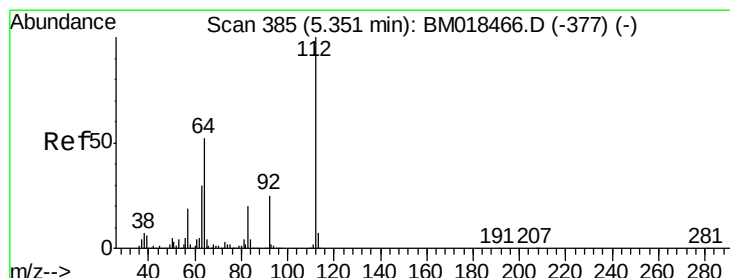
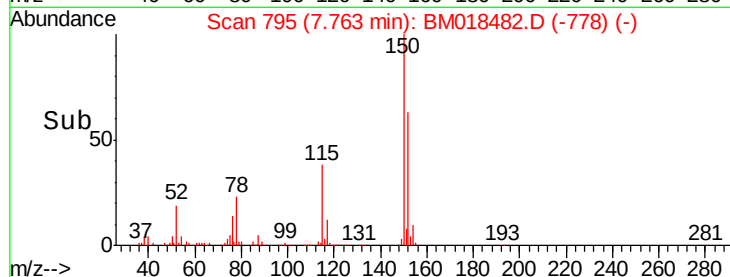
Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



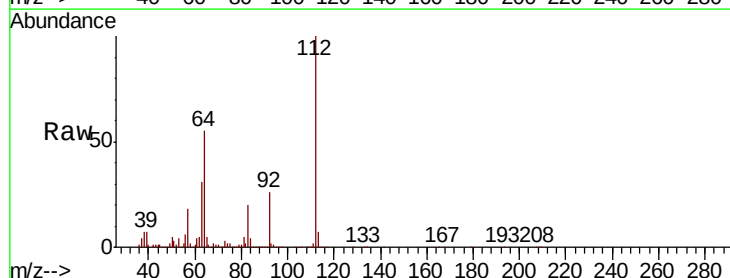
Time-->



#5

2-Fluorophenol
Concen: 101.811 ng
RT: 5.35 min Scan# 385
Delta R.T. -0.00 min
Lab File: BM018482.D
Acq: 09 Jan 2019 20:42

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.9	46.5	69.7
63	30.7	25.2	37.8

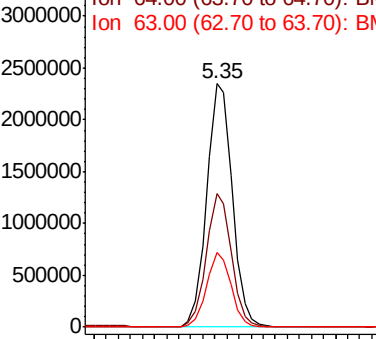


Abundance

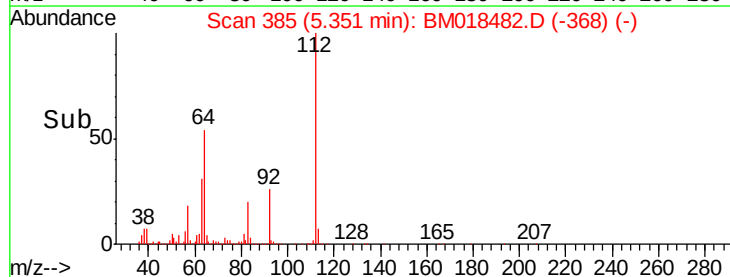
Ion 112.00 (111.70 to 112.70): E

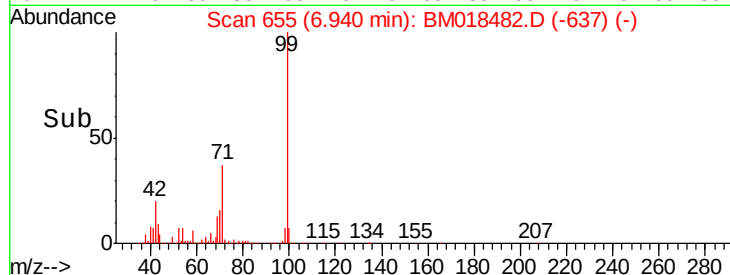
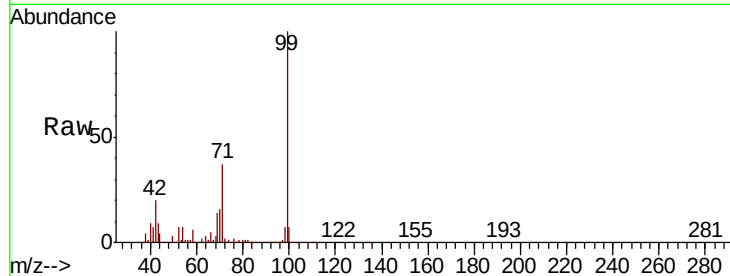
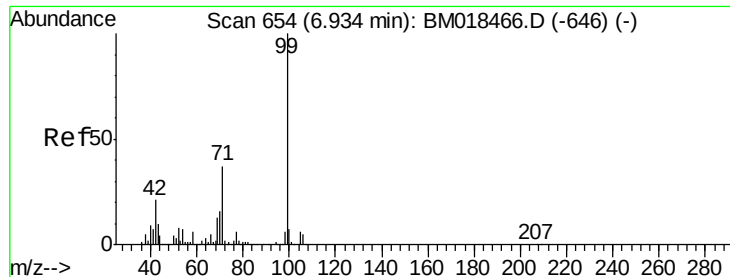
Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0



Time-->





#7

Phenol-d6

Concen: 106.232 ng

RT: 6.94 min Scan# 655

Delta R.T. 0.01 min

Lab File: BM018482.D

Acq: 09 Jan 2019 20:42

Tot Ion:	99	Resp:	4595701
Ion	Ratio	Lower	Upper
99	100		
42	19.9	17.3	25.9
71	36.8	28.0	42.0

Instrument :

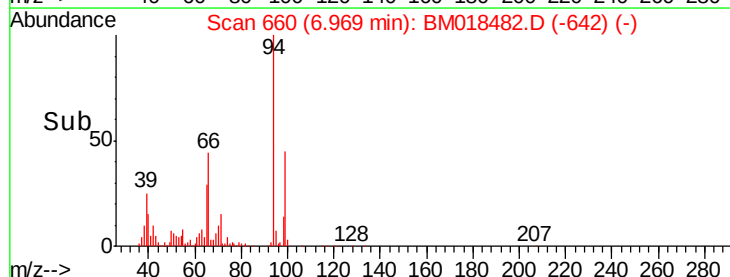
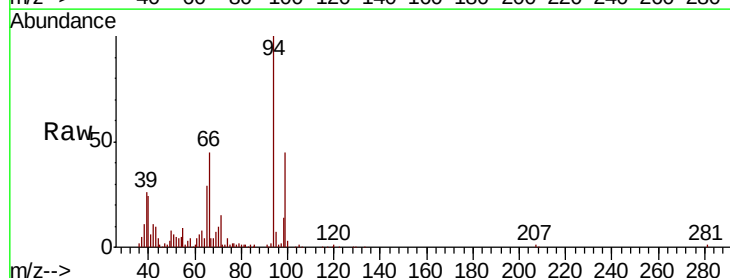
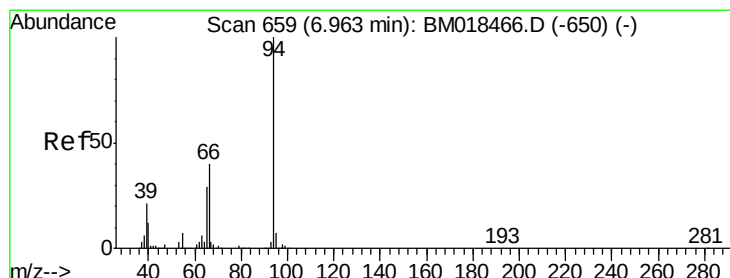
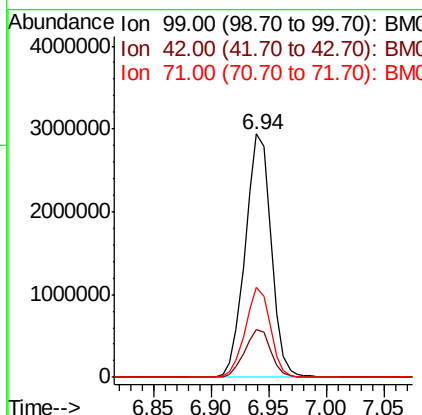
BNA_M

ClientSampleId :

CPSB-08(10-15)

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#10

Phenol

Concen: 5.866 ng

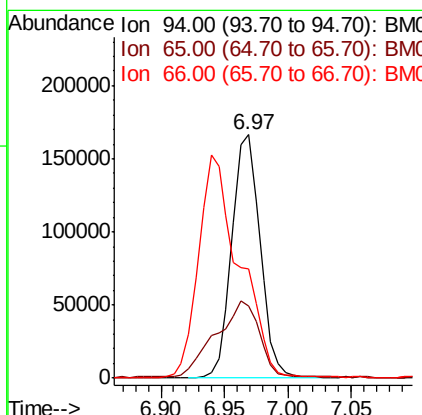
RT: 6.97 min Scan# 660

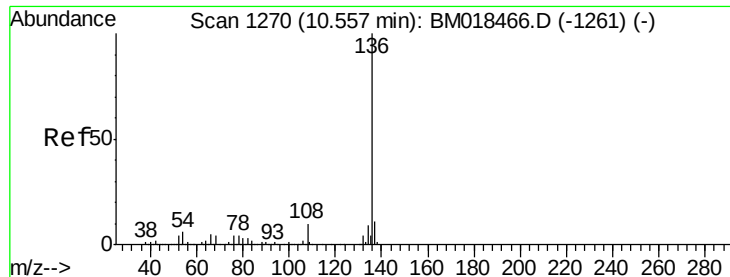
Delta R.T. 0.01 min

Lab File: BM018482.D

Acq: 09 Jan 2019 20:42

Tgt Ion:	94	Resp:	257882
Ion	Ratio	Lower	Upper
94	100		
65	29.5	9.4	49.4
66	44.6	19.1	59.1





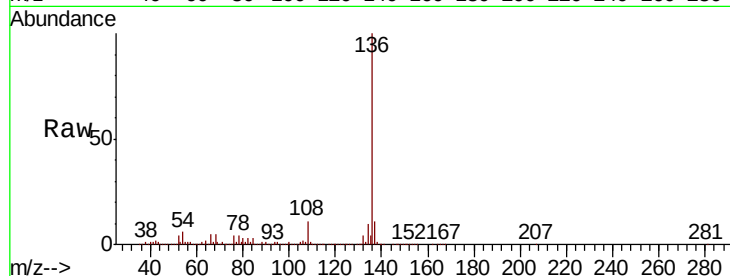
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.56 min Scan# 1270
Delta R.T. 0.01 min
Lab File: BM018482.D
Acq: 09 Jan 2019 20:42

Instrument :
BNA_M
ClientSampleId :
CPSB-08(10-15)

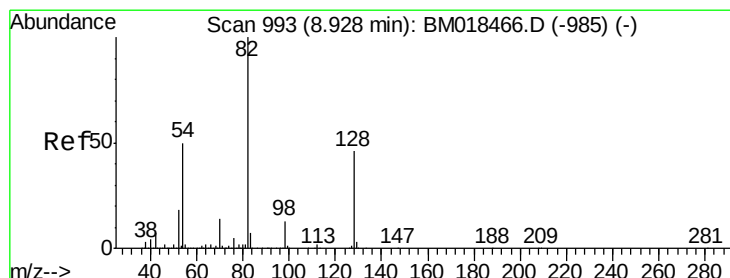
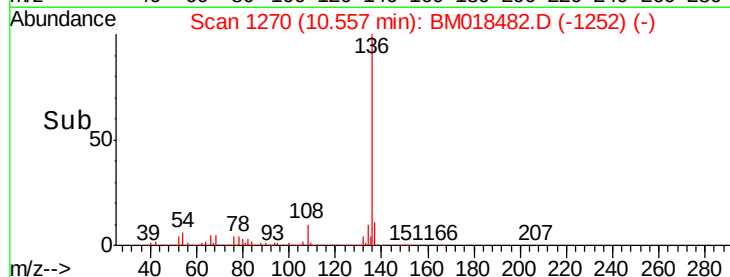
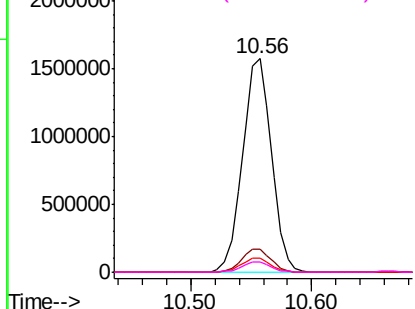
Tot Ion	136	Resp	2634906
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.5	12.7
54	6.4	6.0	9.0
68	4.7	4.5	6.7

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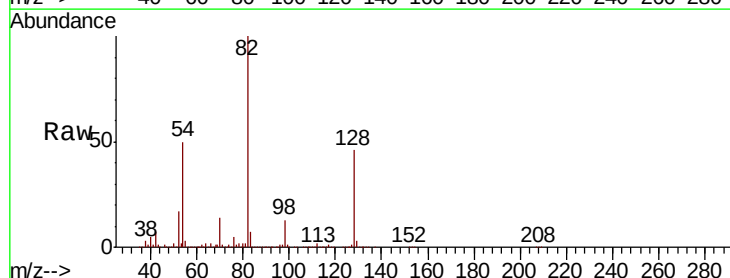


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

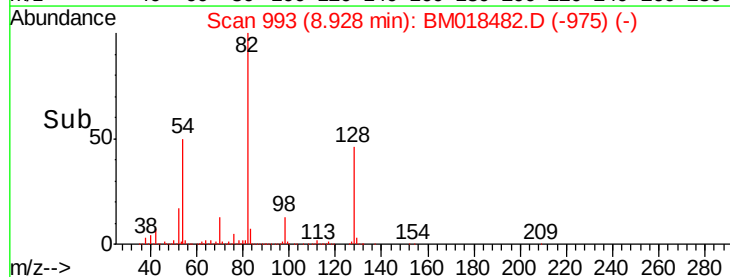
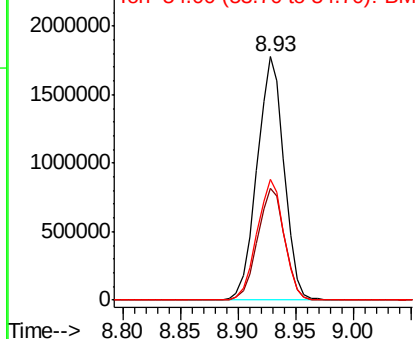


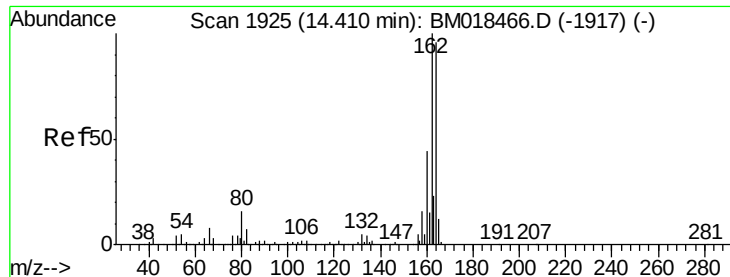
#23
Nitrobenzene-d5
Concen: 63.642 ng
RT: 8.93 min Scan# 993
Delta R.T. 0.01 min
Lab File: BM018482.D
Acq: 09 Jan 2019 20:42

Tgt Ion	82	Resp	2892646
Ion	Ratio	Lower	Upper
82	100		
128	46.1	36.3	54.5
54	49.6	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





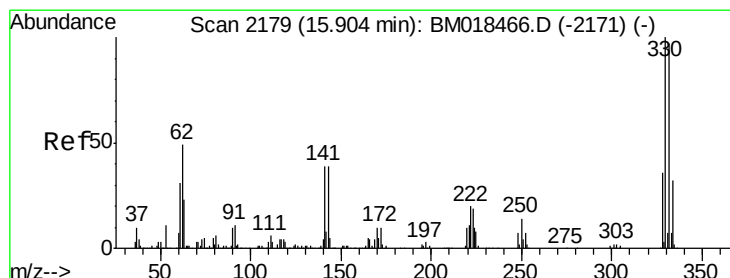
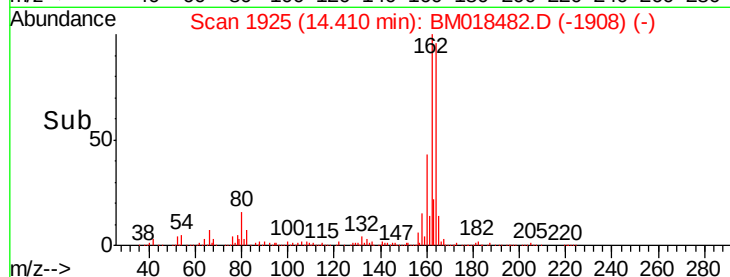
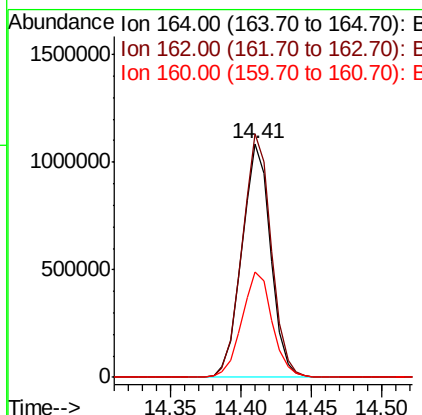
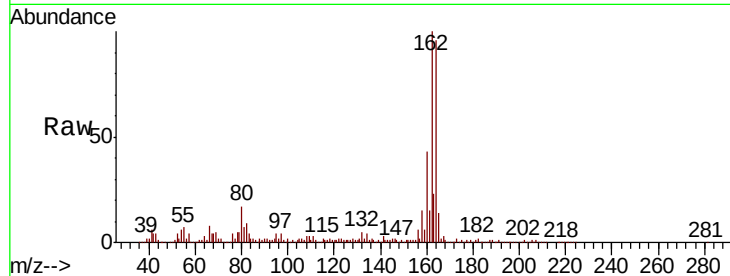
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.41 min Scan# 1925
Delta R.T. -0.00 min
Lab File: BM018482.D
Acq: 09 Jan 2019 20:42

Instrument :
BNA_M
ClientSampleId :
CPSB-08(10-15)

Tot Ion	Ratio	Lower	Upper
164	100		
162	104.3	83.0	124.4
160	45.3	37.1	55.7

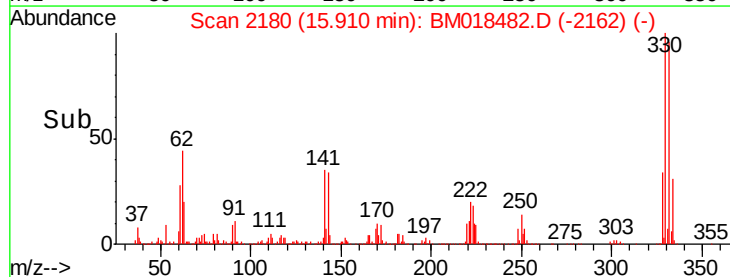
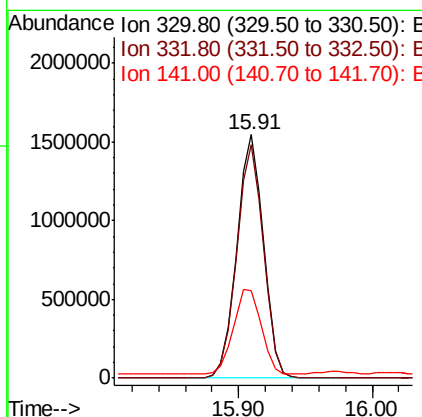
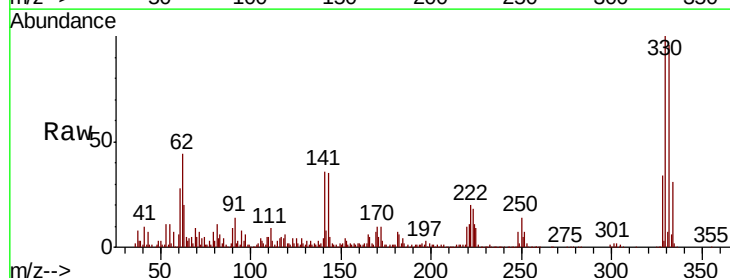
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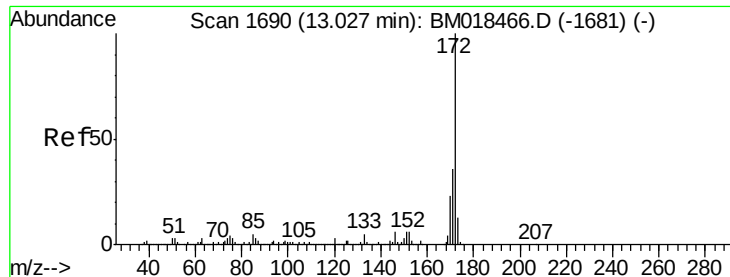
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#42
2,4,6-Tribromophenol
Concen: 109.046 ng
RT: 15.91 min Scan# 2180
Delta R.T. 0.01 min
Lab File: BM018482.D
Acq: 09 Jan 2019 20:42

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.6	116.4
141	36.9	31.7	47.5





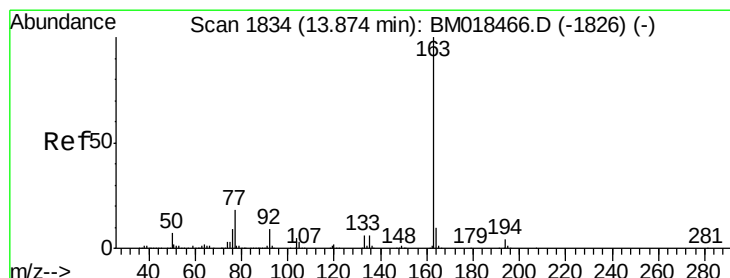
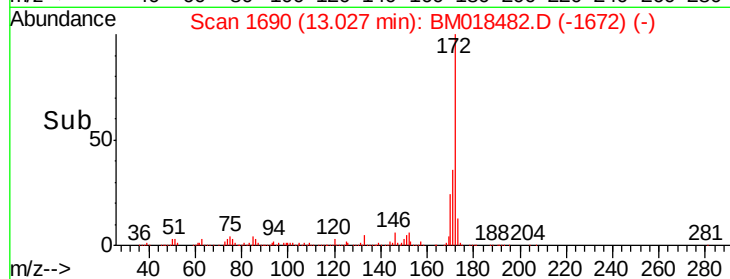
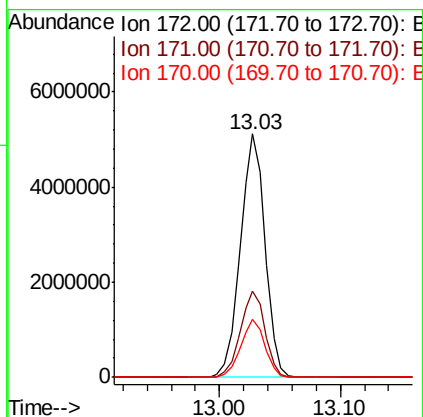
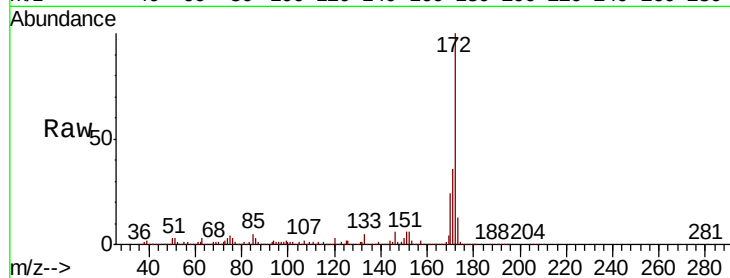
#45
2-Fluorobiphenyl
Concen: 61.654 ng
RT: 13.03 min Scan# 1690
Delta R.T. 0.01 min
Lab File: BM018482.D
Acq: 09 Jan 2019 20:42

Instrument :
BNA_M
ClientSampleId :
CPSB-08(10-15)

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.2	42.4
170	23.6	18.9	28.3

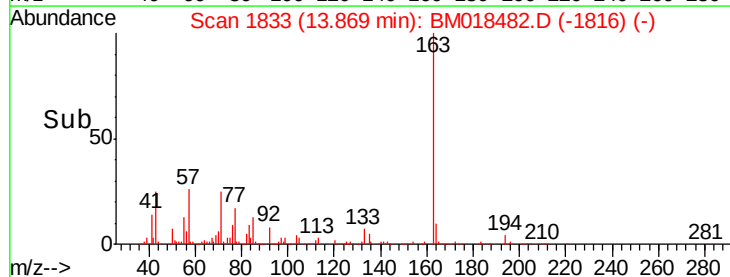
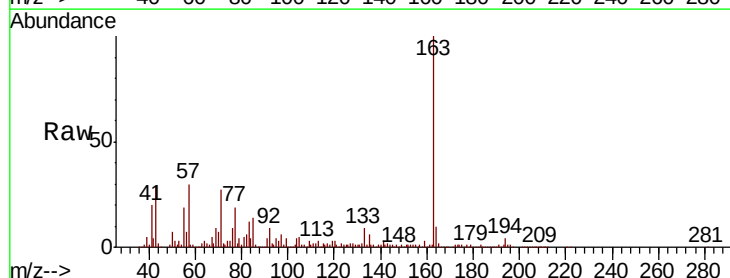
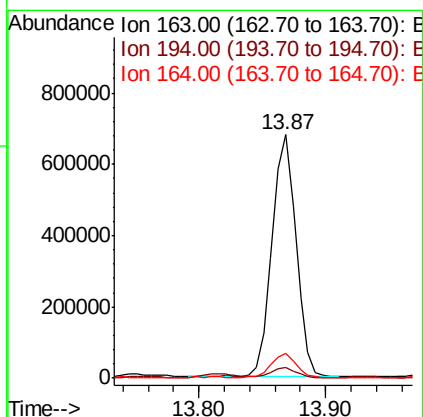
Manual Integrations
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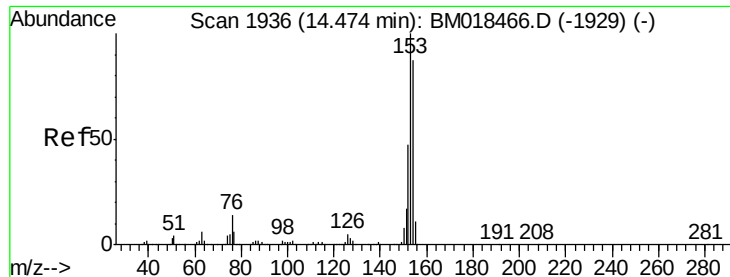
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#50
Dimethylphthalate
Concen: 7.054 ng
RT: 13.87 min Scan# 1833
Delta R.T. -0.00 min
Lab File: BM018482.D
Acq: 09 Jan 2019 20:42

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.0	4.6
164	10.1	7.8	11.8





#52

Acenaphthene

Concen: 10.687 ng

RT: 14.47 min Scan# 1936

Delta R.T. 0.01 min

Lab File: BM018482.D

Acq: 09 Jan 2019 20:42

Instrument :

BNA_M

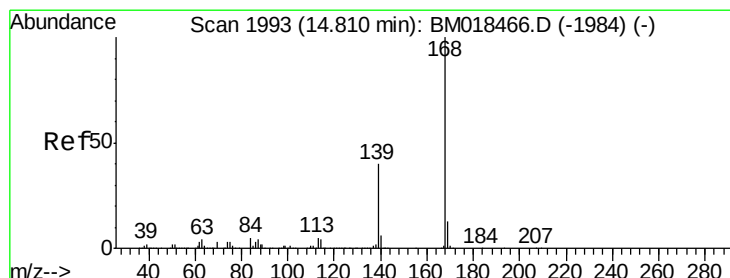
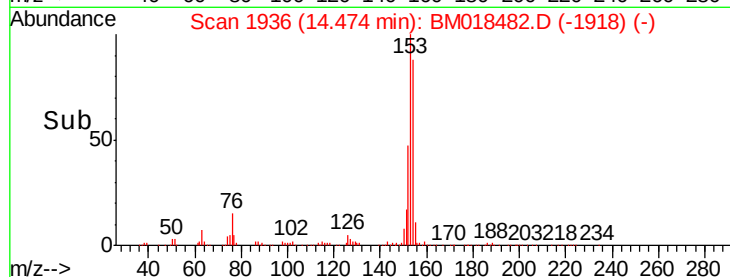
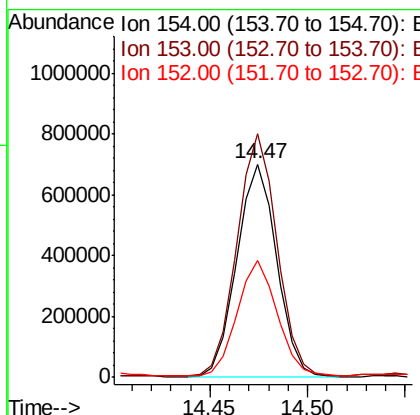
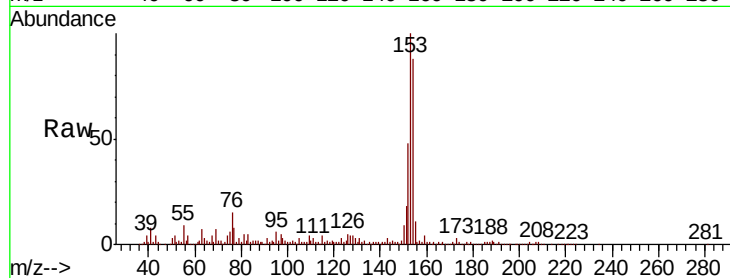
ClientSampleId :

CPSB-08(10-15)

Tot Ion:	154	Resp:	991350
Ion	Ratio	Lower	Upper
154	100		
153	114.1	92.3	138.5
152	54.7	43.8	65.6

Manual Integrations
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#55

Dibenzofuran

Concen: 2.152 ng

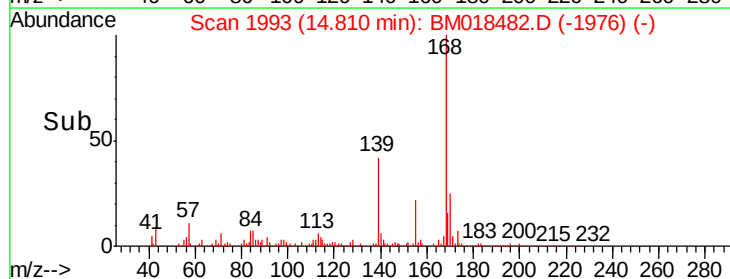
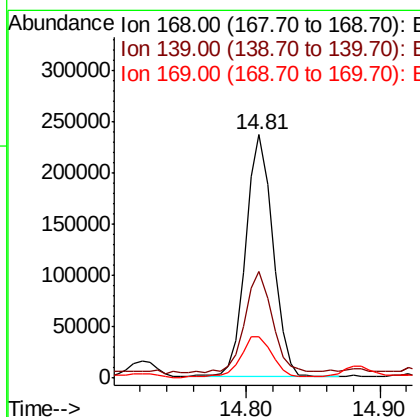
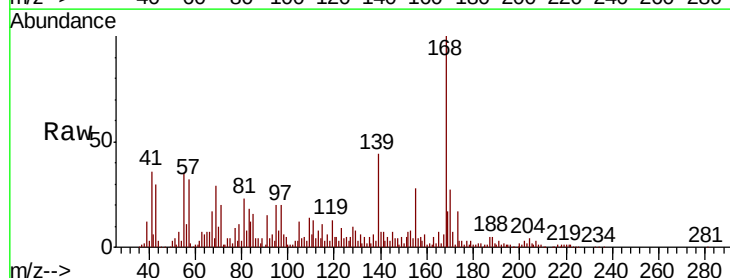
RT: 14.81 min Scan# 1993

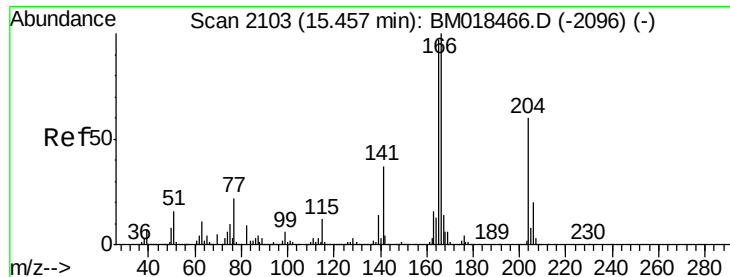
Delta R.T. -0.00 min

Lab File: BM018482.D

Acq: 09 Jan 2019 20:42

Tgt Ion:	168	Resp:	329804
Ion	Ratio	Lower	Upper
168	100		
139	43.7	30.3	45.5
169	17.0	10.6	16.0#





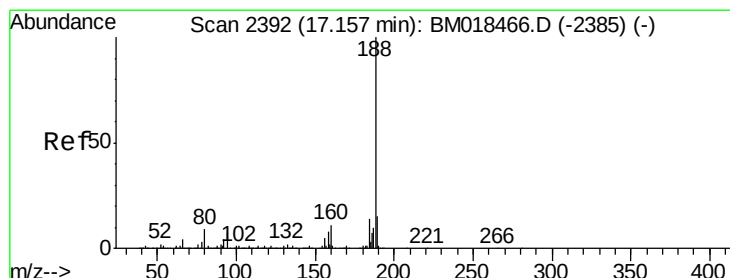
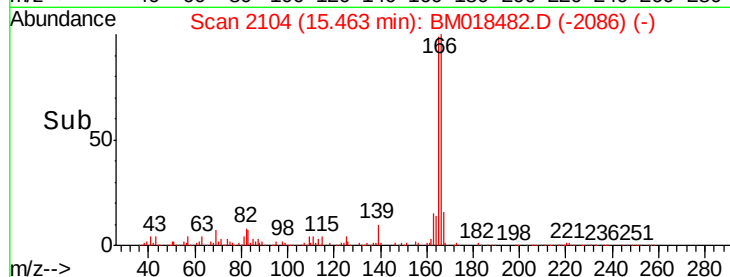
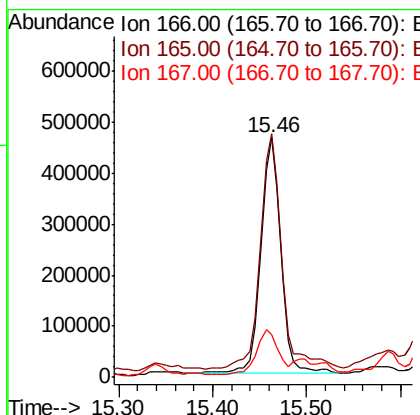
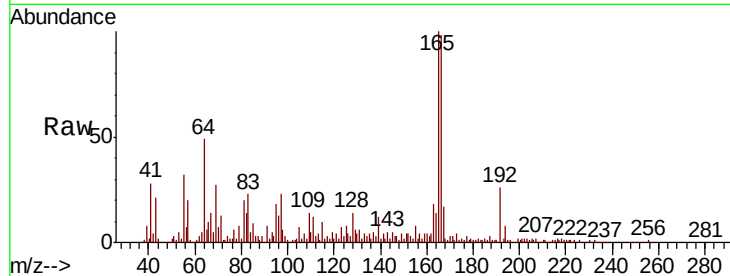
#58
Fluorene
Concen: 6.005 ng
RT: 15.46 min Scan# 2104
Delta R.T. 0.01 min
Lab File: BM018482.D
Acq: 09 Jan 2019 20:42

Instrument :
BNA_M
ClientSampleId :
CPSB-08(10-15)

Tot Ion	Ion	Ratio	Resp	Lower	Upper
166	100				
165	101.6	78.3	117.5		
167	17.6	10.9	16.3#		

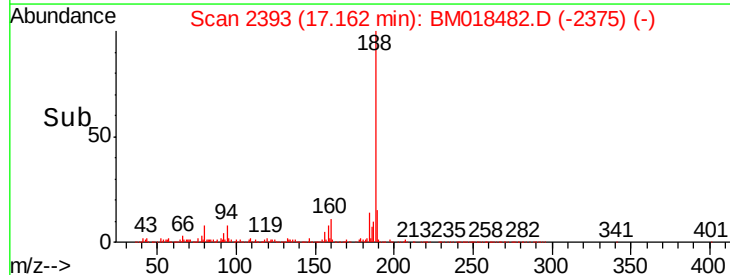
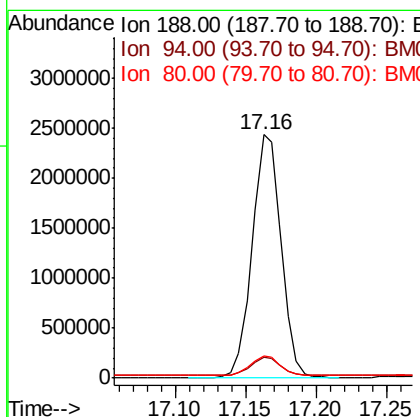
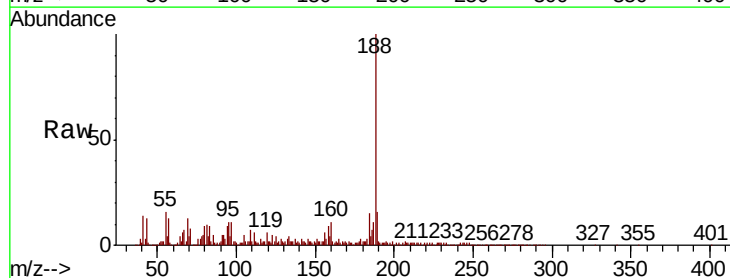
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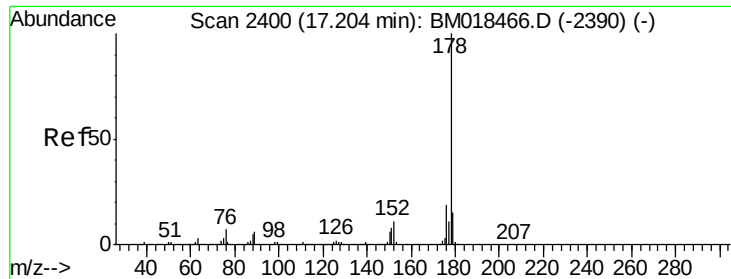
Sohil
1/10/2019 3:12:02 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.16 min Scan# 2393
Delta R.T. 0.01 min
Lab File: BM018482.D
Acq: 09 Jan 2019 20:42

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	8.7	7.1	10.7		
80	9.3	7.6	11.4		





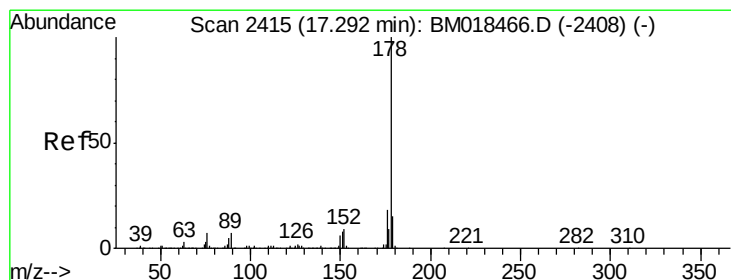
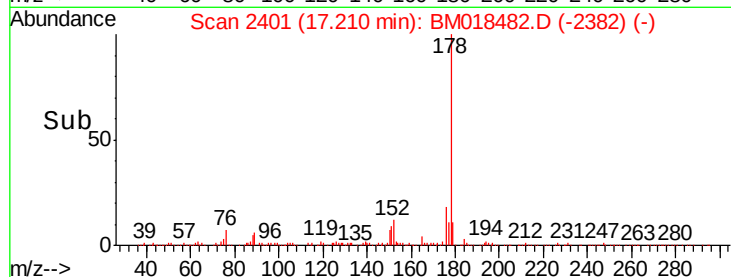
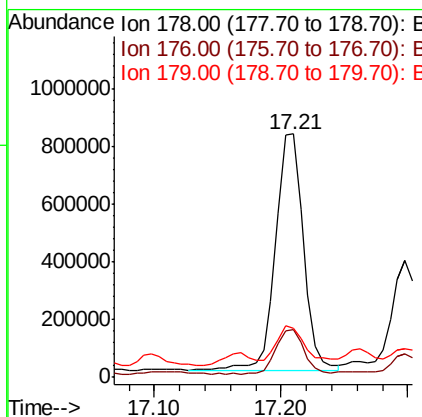
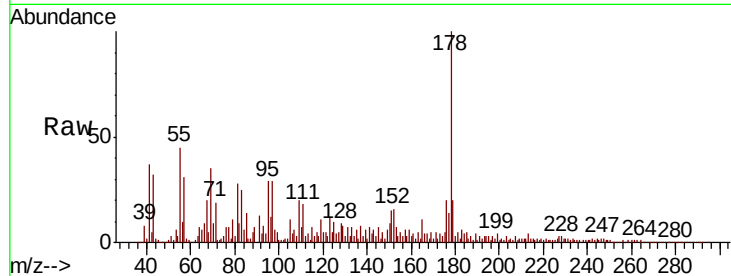
#71
Phenanthrene
Concen: 6.726 ng
RT: 17.21 min Scan# 2401
Delta R.T. 0.01 min
Lab File: BM018482.D
Acq: 09 Jan 2019 20:42

Instrument :
BNA_M
ClientSampleId :
CPSB-08(10-15)

Tot Ion:178 Resp: 1246086
Ion Ratio Lower Upper
178 100
176 19.6 15.4 23.0
179 20.2 12.2 18.4#

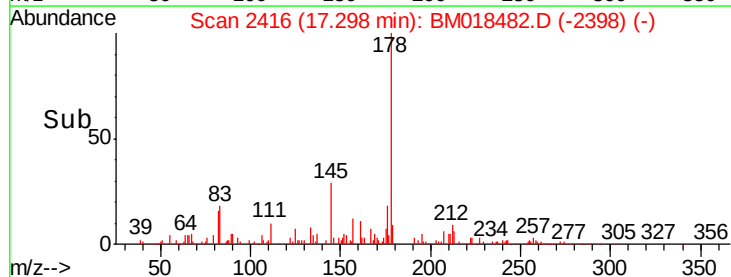
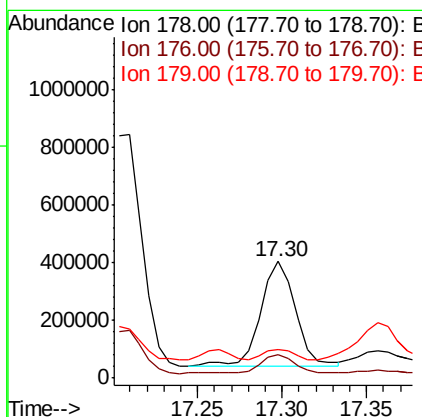
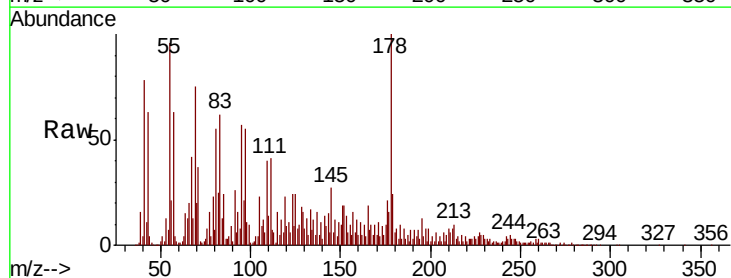
Manual Integrations
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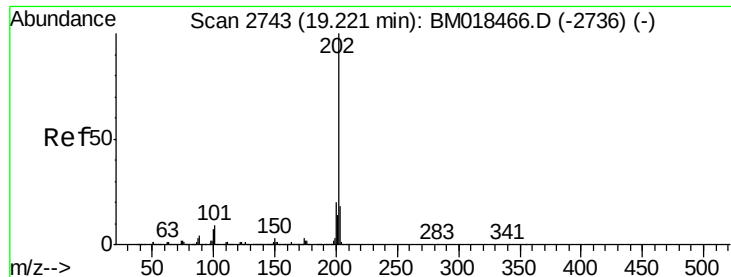
Sohil
1/10/2019 3:12:02 PM



#72
Anthracene
Concen: 3.004 ng
RT: 17.30 min Scan# 2416
Delta R.T. 0.01 min
Lab File: BM018482.D
Acq: 09 Jan 2019 20:42

Tgt Ion:178 Resp: 535095
Ion Ratio Lower Upper
178 100
176 20.5 14.7 22.1
179 24.2 12.2 18.4#





#75

Fluoranthene

Concen: 16.415 ng

RT: 19.26 min Scan# 2749

Delta R.T. 0.04 min

Lab File: BM018482.D

Acq: 09 Jan 2019 20:42

Instrument :

BNA_M

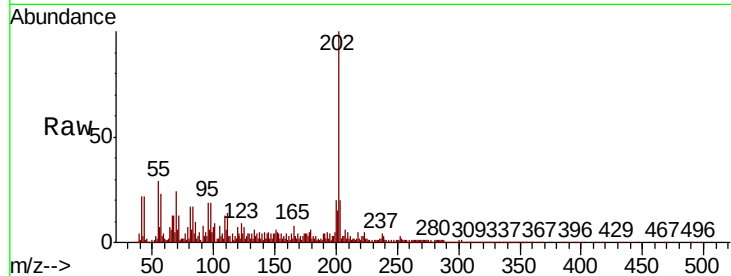
ClientSampleId :

CPSB-08(10-15)

Tot Ion:	202	Resp:	3506308
Ion	Ratio	Lower	Upper
202	100		
101	8.7	0.0	30.9
203	19.9	0.0	37.4

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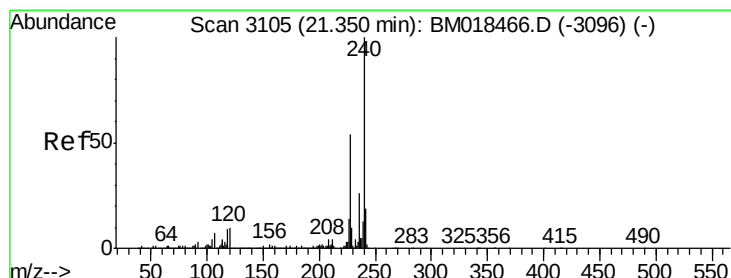
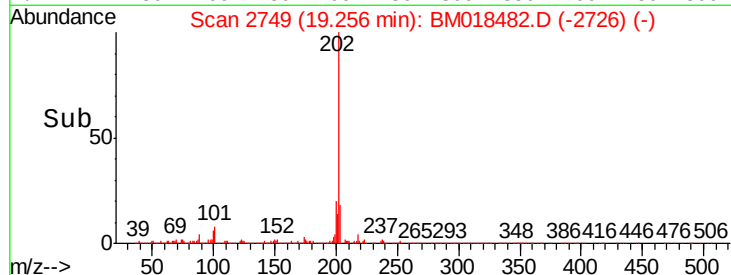
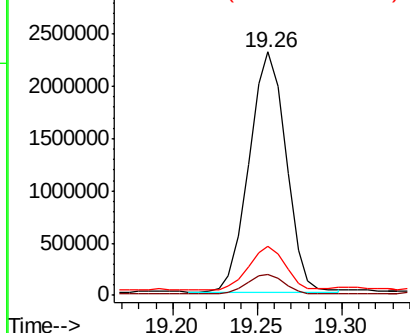


Abundance

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: 21.37 min Scan# 3108

Delta R.T. 0.02 min

Lab File: BM018482.D

Acq: 09 Jan 2019 20:42

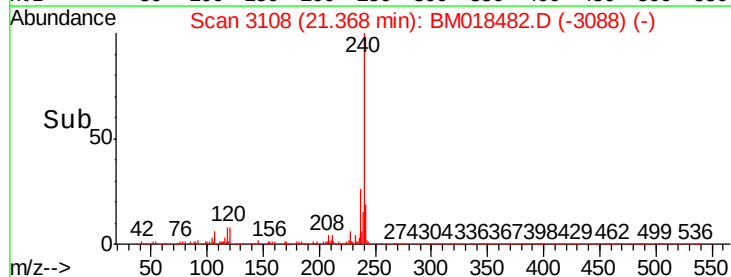
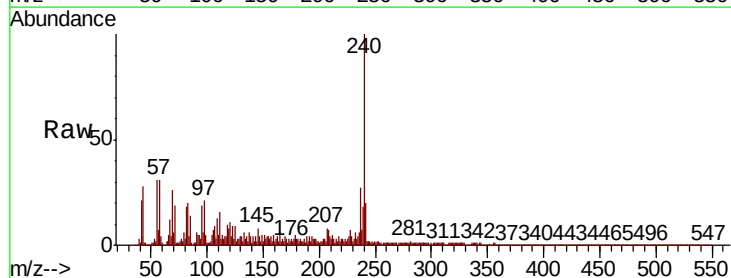
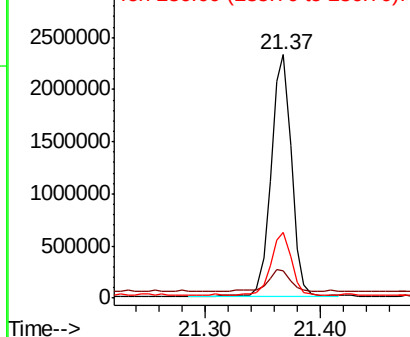
Tgt Ion:	240	Resp:	2836536
Ion	Ratio	Lower	Upper
240	100		
120	11.3	8.4	12.6
236	26.9	20.7	31.1

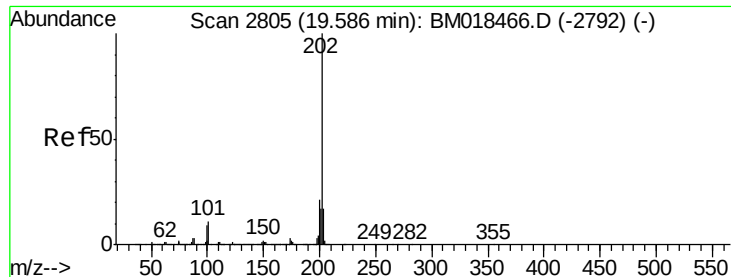
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Pvrene

Concen: 17.749 ng

RT: 19.60 min Scan# 2808

Delta R.T. 0.02 min

Lab File: BM018482.D

Acq: 09 Jan 2019 20:42

Instrument :

BNA_M

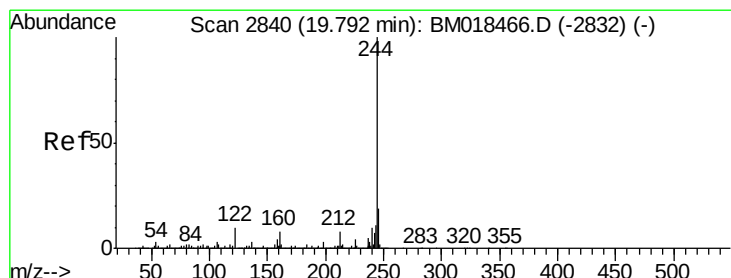
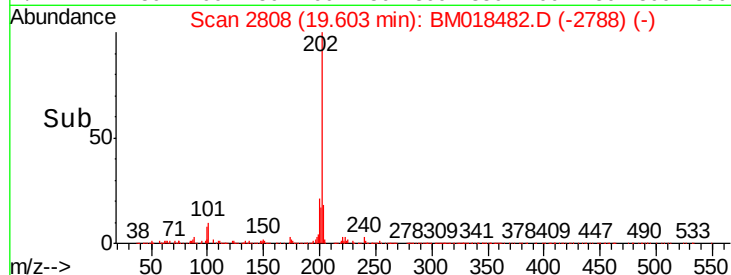
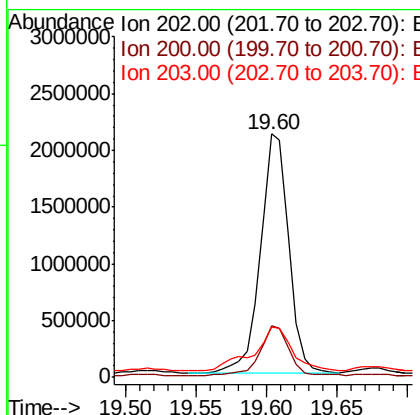
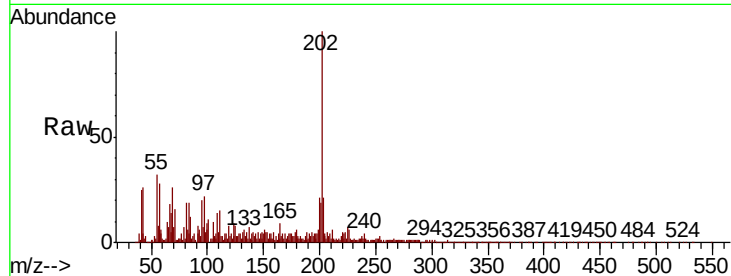
ClientSampleId :

CPSB-08(10-15)

Tot Ion:	202	Resp:	2984263
Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.6	24.8
203	20.6	13.8	20.8

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#79

Terphenyl-d14

Concen: 74.705 ng

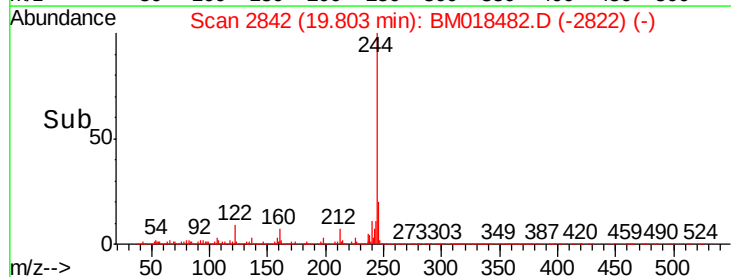
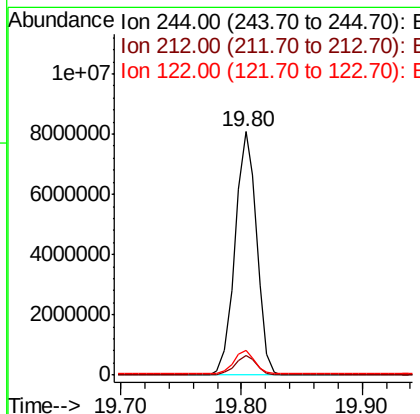
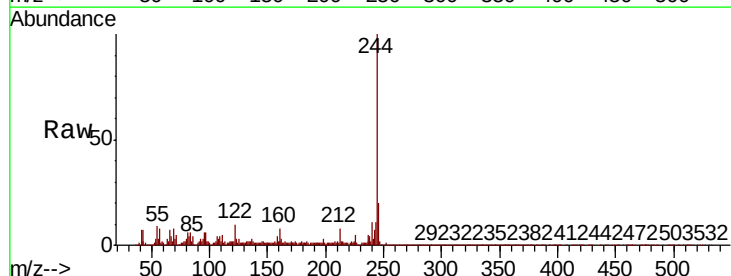
RT: 19.80 min Scan# 2842

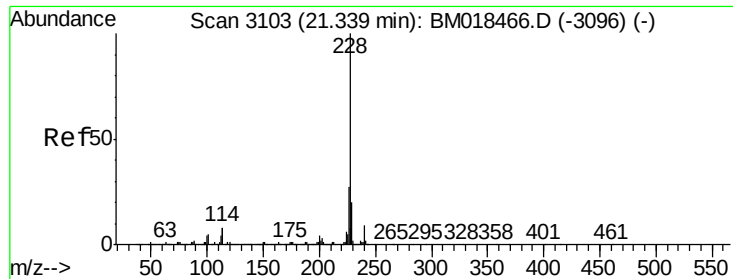
Delta R.T. 0.02 min

Lab File: BM018482.D

Acq: 09 Jan 2019 20:42

Tgt Ion:	244	Resp:	10052184
Ion	Ratio	Lower	Upper
244	100		
212	7.9	5.9	8.9
122	10.0	9.0	13.4





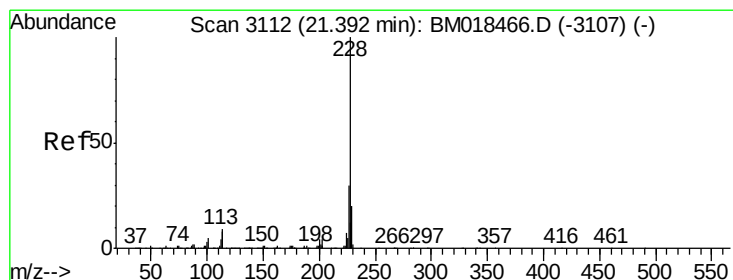
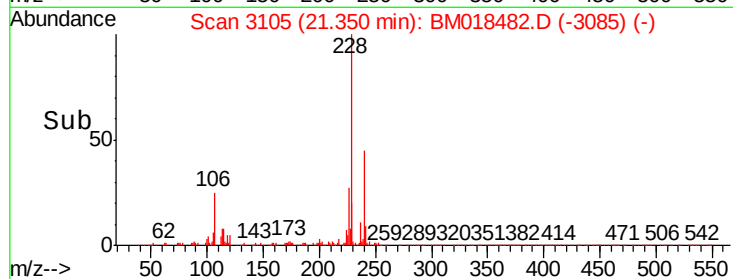
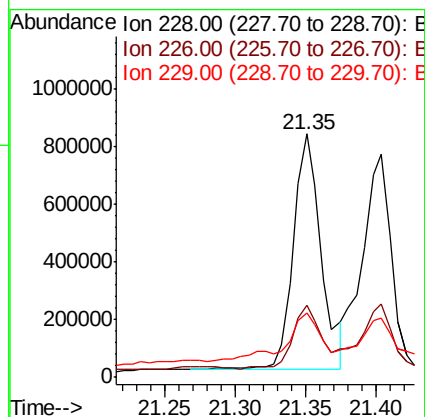
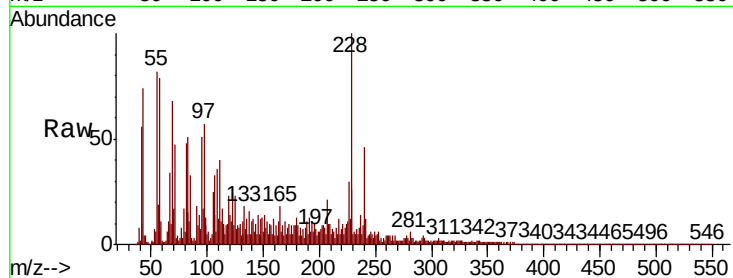
#81
Benzo(a)anthracene
Concen: 6.629 ng
RT: 21.35 min Scan# 3105
Delta R.T. 0.02 min
Lab File: BM018482.D
Acq: 09 Jan 2019 20:42

Instrument :
BNA_M
ClientSampleId :
CPSB-08(10-15)

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.9	21.8	32.6
229	26.2	15.8	23.8

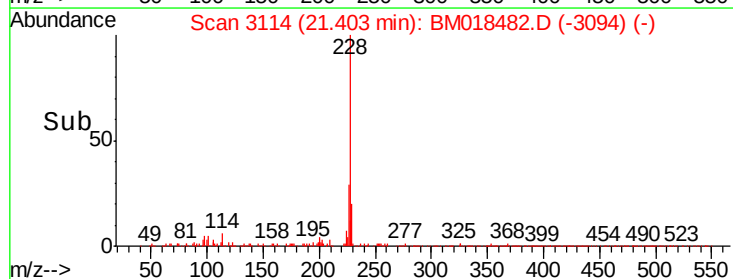
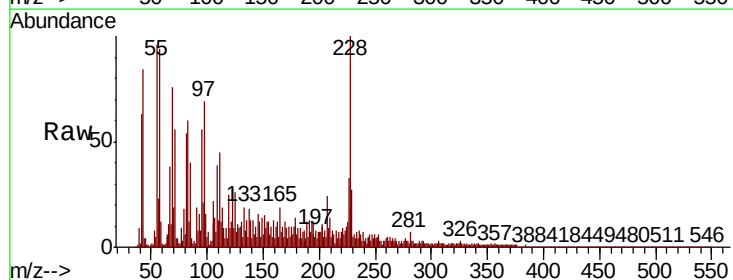
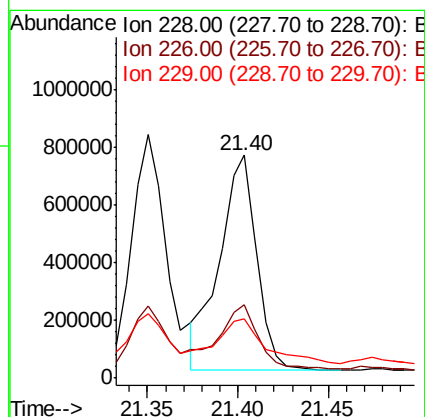
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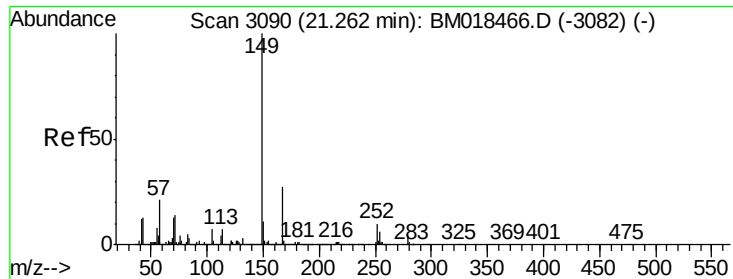
Sohil
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#83
Chrysene
Concen: 6.641 ng
RT: 21.40 min Scan# 3114
Delta R.T. 0.02 min
Lab File: BM018482.D
Acq: 09 Jan 2019 20:42

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.9	24.2	36.2
229	26.9	15.6	23.4





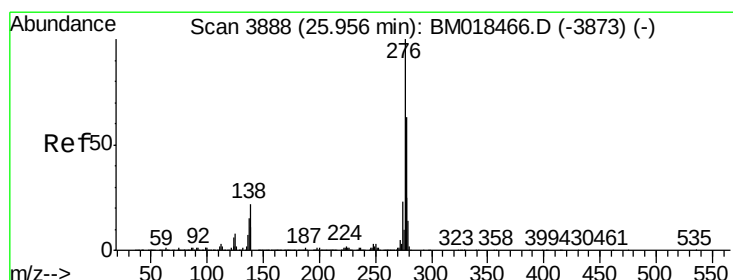
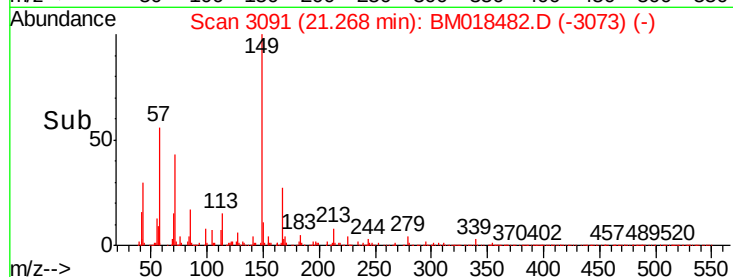
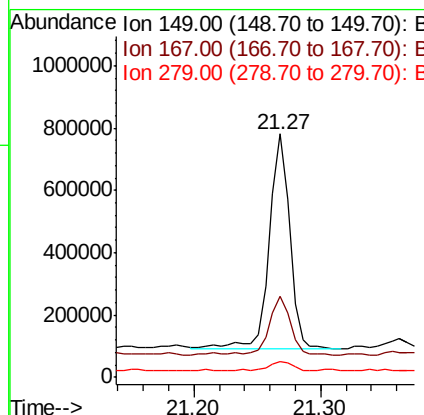
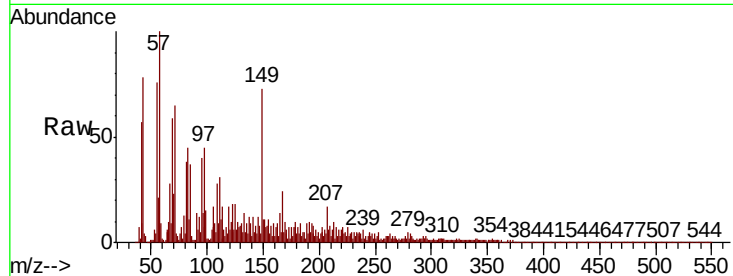
#84
Bis(2-ethylhexyl)phthalate
Concen: 7.533 ng
RT: 21.27 min Scan# 3091
Delta R.T. 0.01 min
Lab File: BM018482.D
Acq: 09 Jan 2019 20:42

Instrument :
BNA_M
ClientSampleId :
CPSB-08(10-15)

Tot Ion	Ratio	Lower	Upper
149	100		
167	33.4	21.6	32.4#
279	6.6	3.3	4.9#

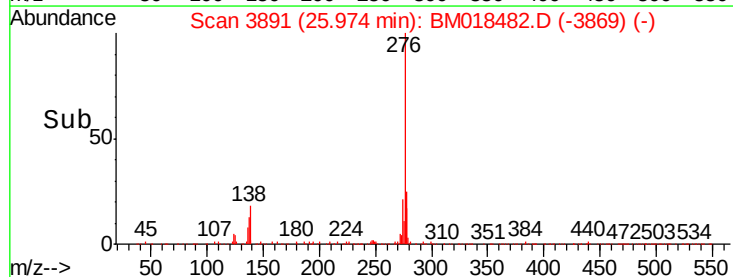
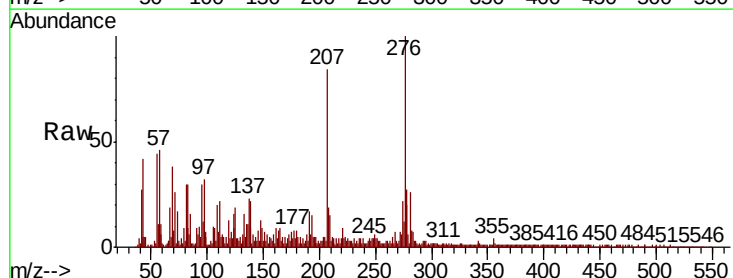
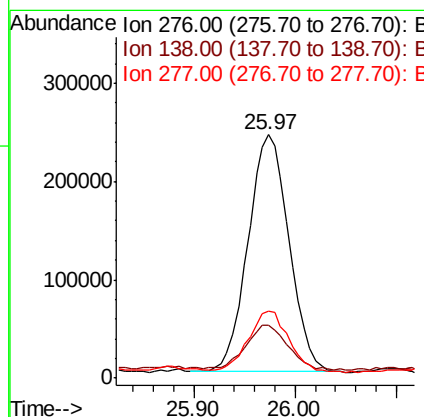
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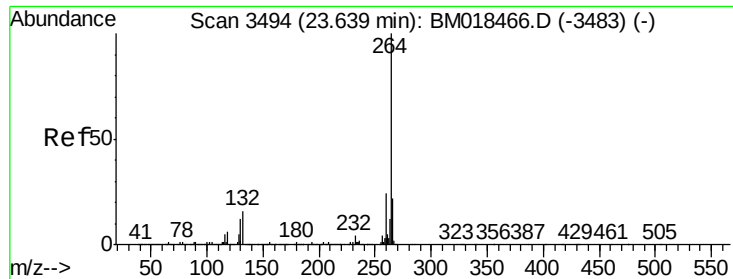
Sohil
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#86
Indeno(1,2,3-cd)pyrene
Concen: 3.617 ng
RT: 25.97 min Scan# 3891
Delta R.T. 0.03 min
Lab File: BM018482.D
Acq: 09 Jan 2019 20:42

Tgt Ion	Ratio	Lower	Upper
276	100		
138	19.3	21.5	32.3#
277	25.0	20.2	30.2





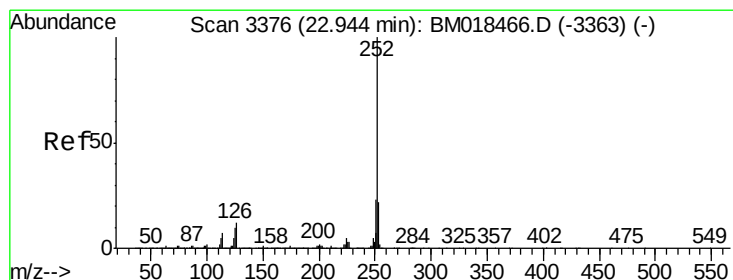
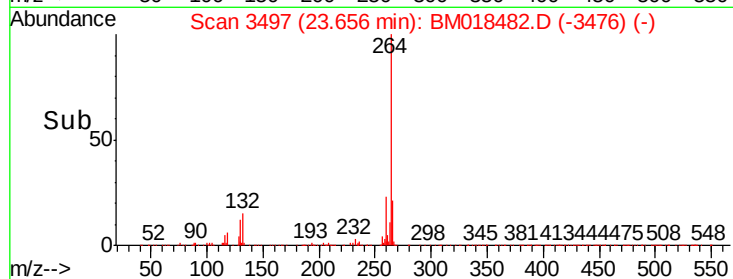
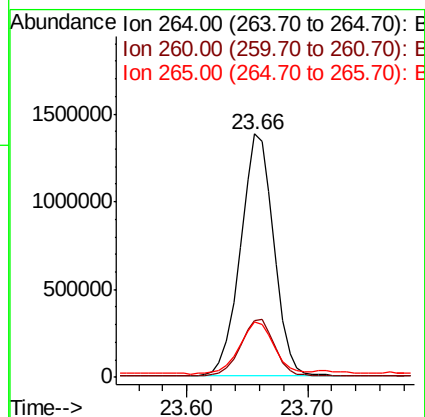
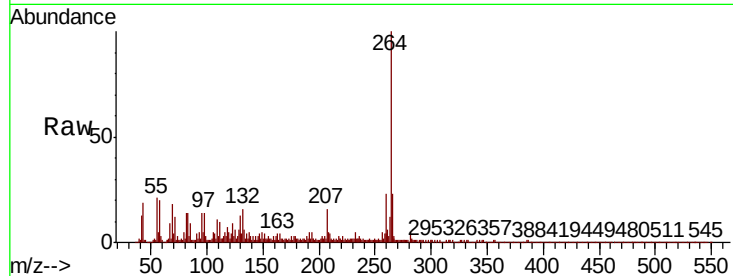
#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.66 min Scan# 3497
Delta R.T. 0.02 min
Lab File: BM018482.D
Acq: 09 Jan 2019 20:42

Instrument :
BNA_M
ClientSampleId :
CPSB-08(10-15)

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.9	28.3
265	22.7	16.8	25.2

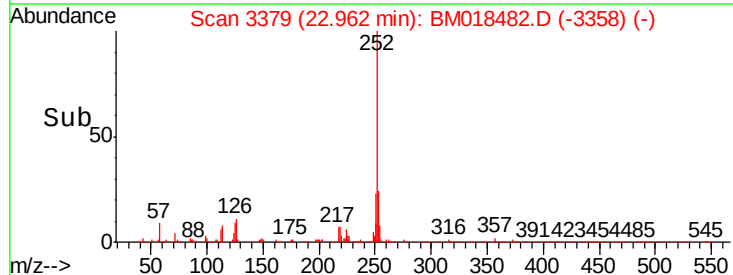
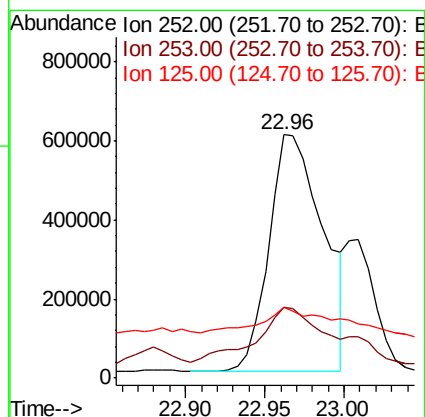
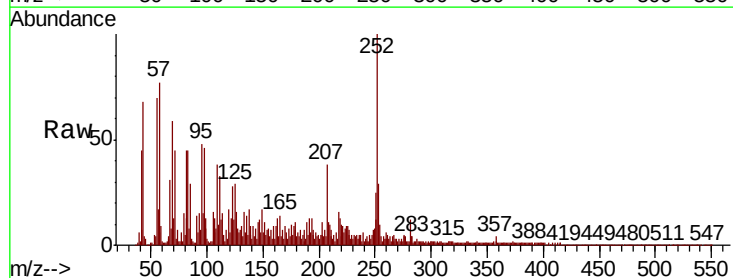
Manual Integrations
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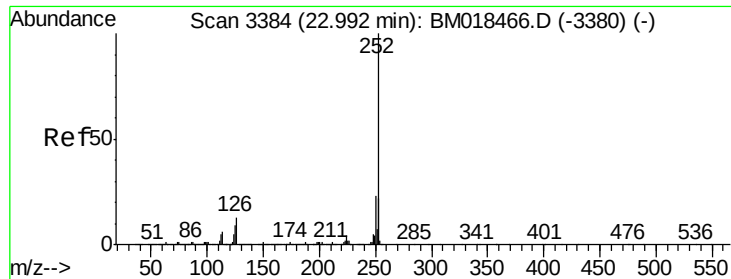
Sohil
1/10/2019 3:12:02 PM



#88
Benzo(b)fluoranthene
Concen: 9.502 ng
RT: 22.96 min Scan# 3379
Delta R.T. 0.02 min
Lab File: BM018482.D
Acq: 09 Jan 2019 20:42

Tgt Ion	Ratio	Lower	Upper
252	100		
253	29.0	17.6	26.4#
125	29.0	8.5	12.7#





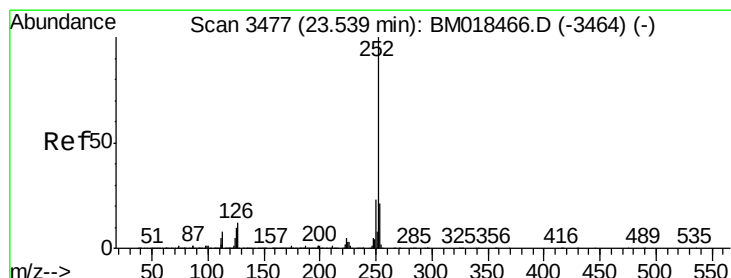
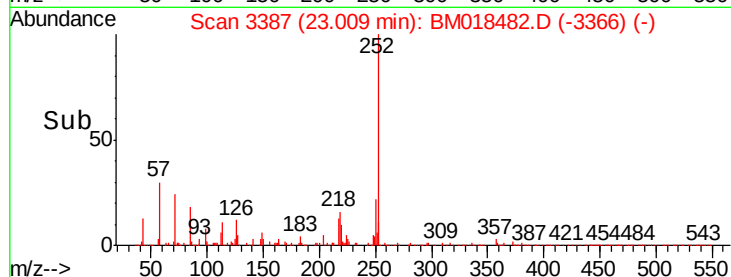
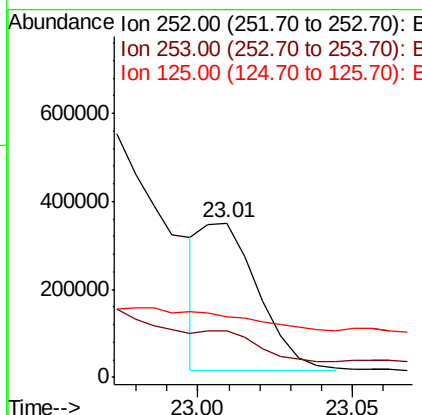
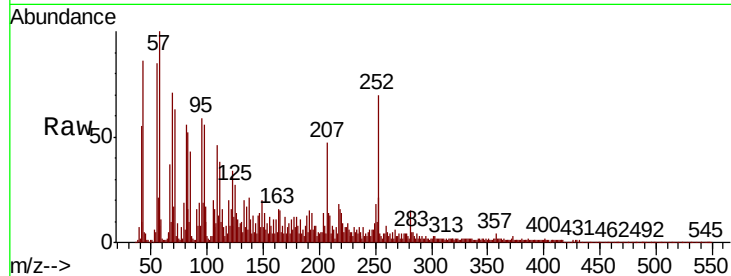
#89
Benzo(k)fluoranthene
Concen: 2.837 ng m
RT: 23.01 min Scan# 3387
Delta R.T. 0.02 min
Lab File: BM018482.D
Acq: 09 Jan 2019 20:42

Instrument :
BNA_M
ClientSampled :
CPSB-08(10-15)

Tot Ion	Ratio	Lower	Upper
252	100		
253	30.0	17.4	26.0#
125	38.9	8.6	12.8#

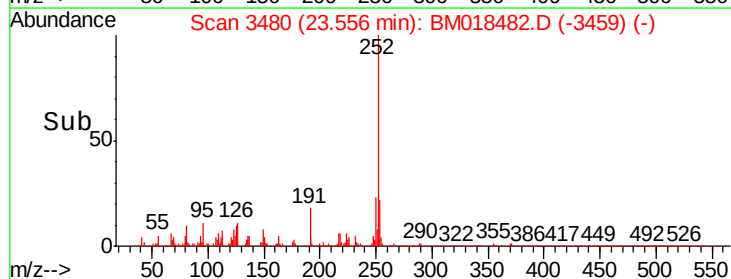
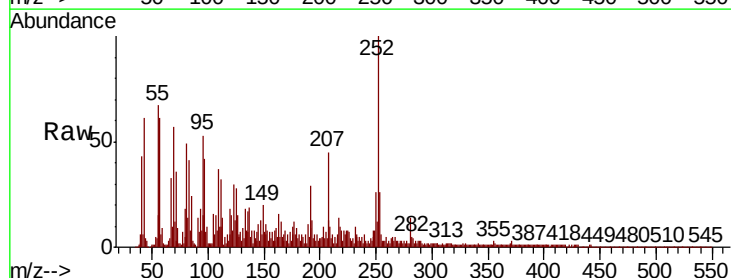
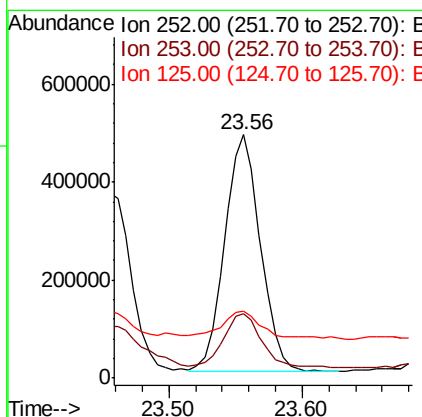
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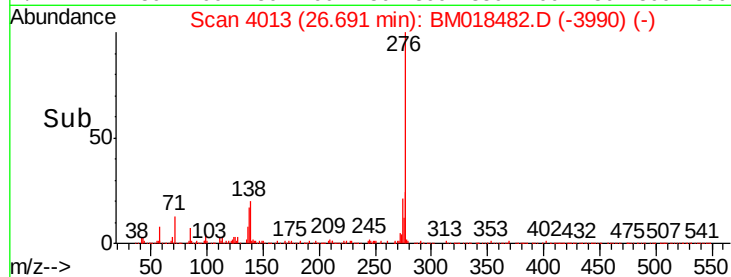
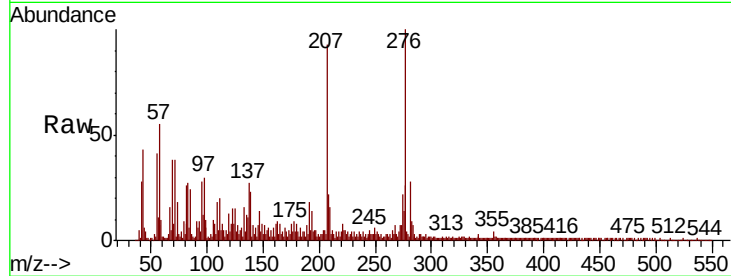
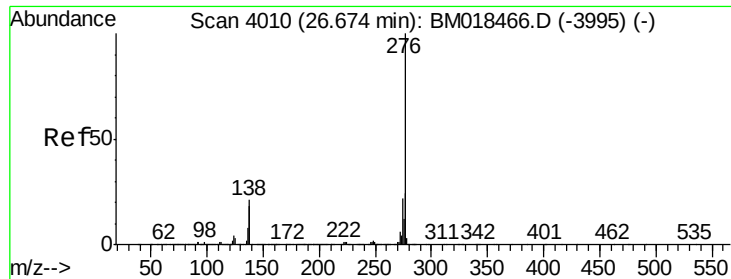
Sohil
1/10/2019 3:12:02 PM



#90
Benzo(a)pyrene
Concen: 6.281 ng
RT: 23.56 min Scan# 3480
Delta R.T. 0.02 min
Lab File: BM018482.D
Acq: 09 Jan 2019 20:42

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.3	17.5	26.3#
125	27.5	9.7	14.5#





#92
 Benzo(a,h,i)perylene
 Concen: 4.721 ng
 RT: 26.69 min Scan# 4013
 Delta R.T. 0.04 min
 Lab File: BM018482.D
 Acq: 09 Jan 2019 20:42

Instrument :
 BNA_M
 ClientSampleId :
 CPSB-08(10-15)

Tot Ion:	276	Resp:	668451
Ion Ratio	Lower	Upper	
276	100		
277	26.3	19.0	28.4
138	23.0	18.1	27.1

Manual Integrations
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