

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021921\
 Data File : BP004833.D
 Acq On : 19 Feb 2021 21:30
 Operator : CG/JU
 Sample : M1430-08 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 WO-1

Manual Integrations
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Quant Time: Feb 19 23:54:57 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 19 12:04:44 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.763	152	62862	20.00	ng	0.00
21) Naphthalene-d8	10.551	136	230036	20.00	ng	# 0.00
39) Acenaphthene-d10	14.410	164	126302	20.00	ng	0.00
64) Phenanthrene-d10	17.163	188	243906	20.00	ng	# 0.00
76) Chrysene-d12	21.251	240	268160	20.00	ng	0.00
86) Perylene-d12	23.562	264	292270	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.358	112	72864	17.90	ng	0.00
7) Phenol-d6	6.940	99	99014	17.68	ng	0.00
23) Nitrobenzene-d5	8.916	82	64920	12.30	ng	0.00
42) 2,4,6-Tribromophenol	15.904	330	8858	5.28	ng	0.00
45) 2-Fluorobiphenyl	13.028	172	140395	13.59	ng	0.00
79) Terphenyl-d14	19.727	244	176832	11.08	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	17.210	178	265090	17.75	ng	99
72) Anthracene	17.298	178	56925	3.96	ng	99
75) Fluoranthene	19.180	202	585034	32.88	ng	99
78) Pyrene	19.533	202	539846	28.55	ng	99
81) Benzo(a)anthracene	21.239	228	275917	14.51	ng	99
83) Chrysene	21.286	228	245604m	13.33	ng	
87) Indeno(1,2,3-cd)pyrene	25.921	276	192044	8.23	ng	# 93
88) Benzo(b)fluoranthene	22.863	252	352667m	16.47	ng	
89) Benzo(k)fluoranthene	22.898	252	108135m	5.26	ng	
90) Benzo(a)pyrene	23.457	252	275918	14.26	ng	96
92) Benzo(g,h,i)perylene	26.651	276	187447	10.04	ng	96

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

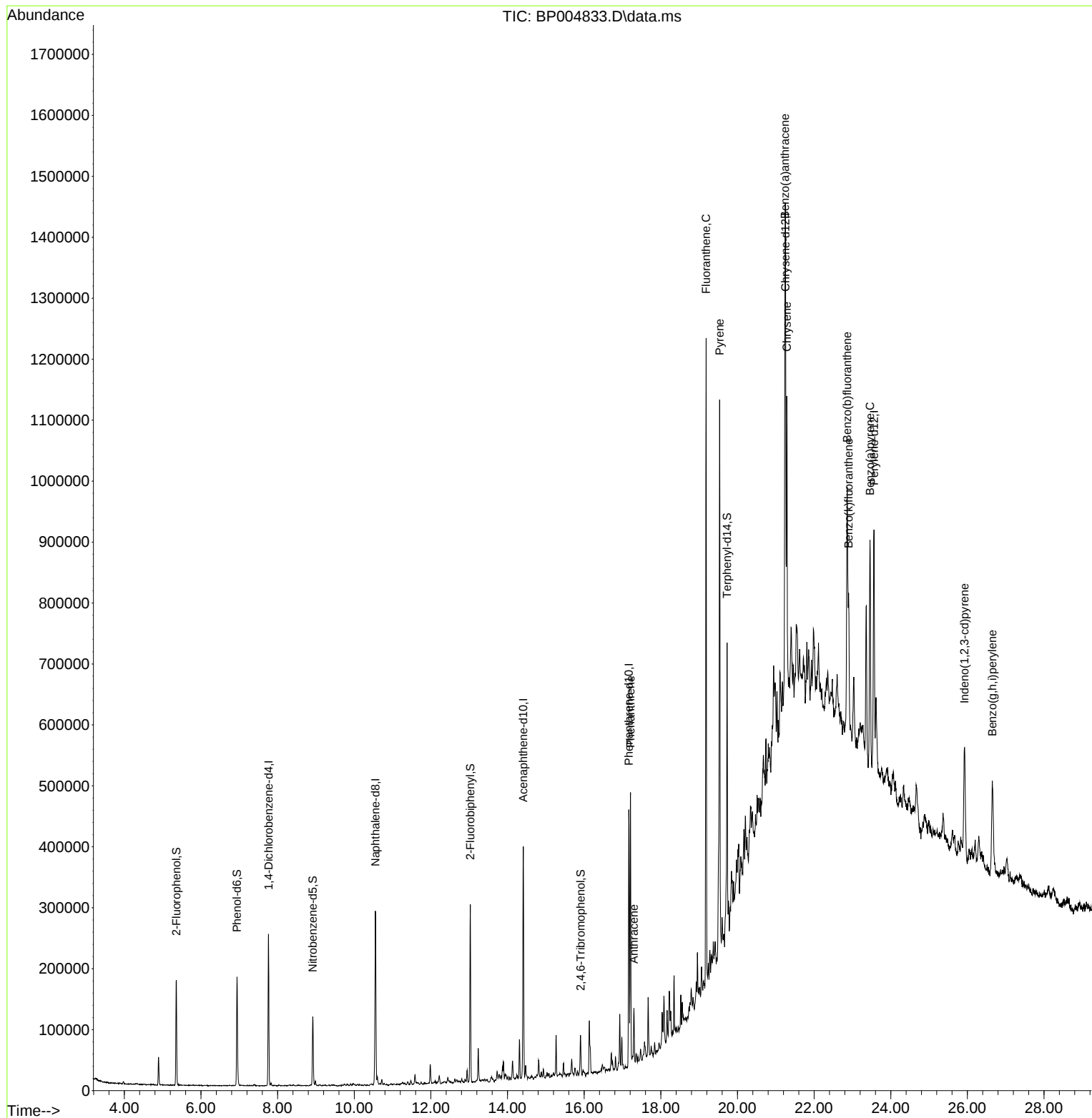
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021921\
Data File : BP004833.D
Acq On : 19 Feb 2021 21:30
Operator : CG/JU
Sample : M1430-08 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

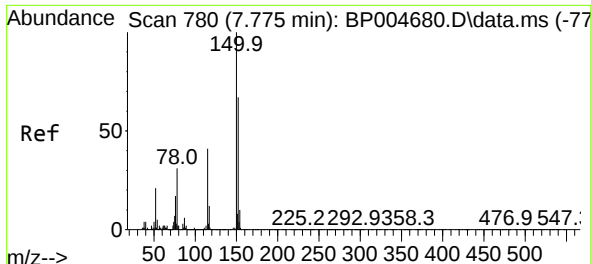
Instrument :
BNA_P
ClientSampled :
WO-1

Manual Integrations
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Quant Time: Feb 19 23:54:57 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 19 12:04:44 2021
Response via : Initial Calibration





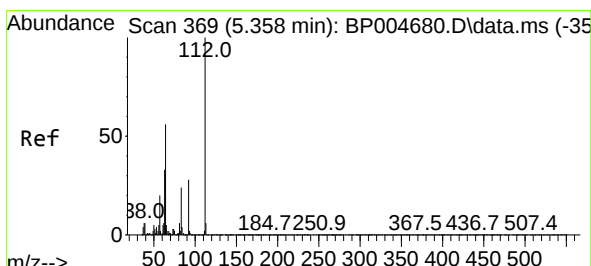
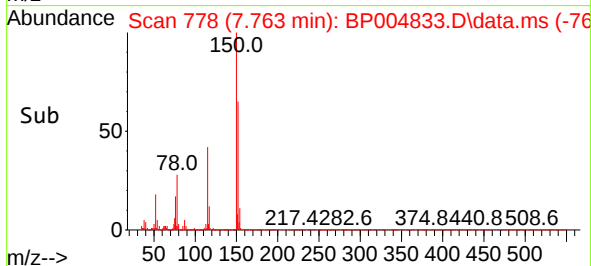
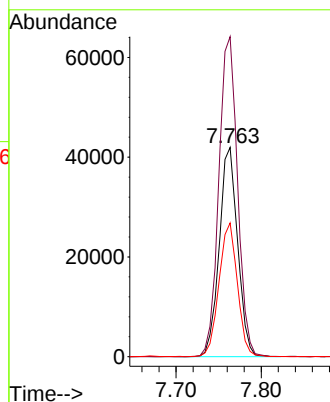
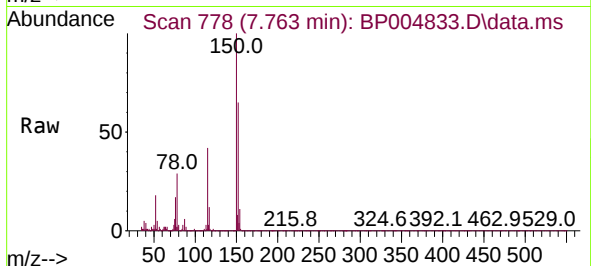
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.763 min Scan# 778
Delta R.T. 0.000 min
Lab File: BP004833.D
Acq: 19 Feb 2021 21:30

Tgt Ion	Ratio	Lower	Upper
152	100		
150	152.9	123.8	185.6
115	63.9	43.8	65.6

Instrument :
BNA_P
ClientSampleId :
WO-1

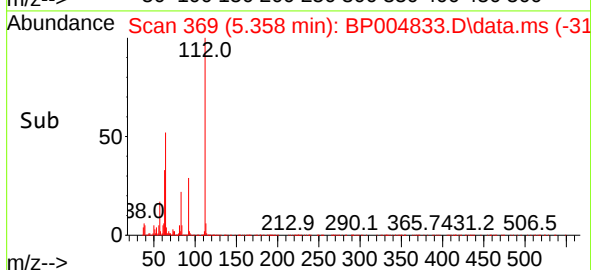
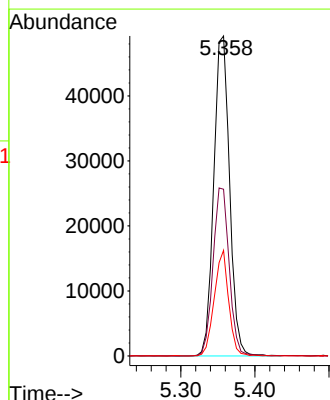
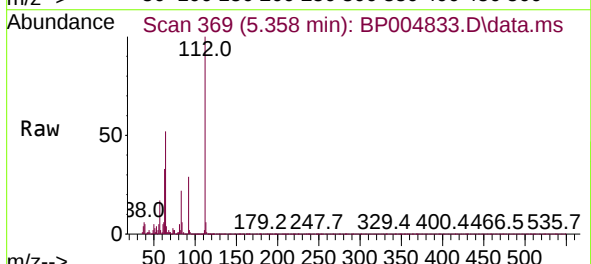
Manual Integrations
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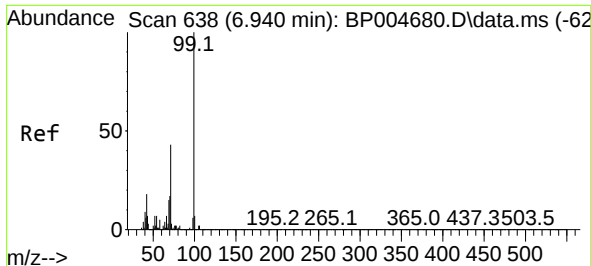
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#5
2-Fluorophenol
Concen: 17.90 ng
RT: 5.358 min Scan# 369
Delta R.T. 0.006 min
Lab File: BP004833.D
Acq: 19 Feb 2021 21:30

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.1	32.8	49.2#
63	33.0	17.0	25.4#





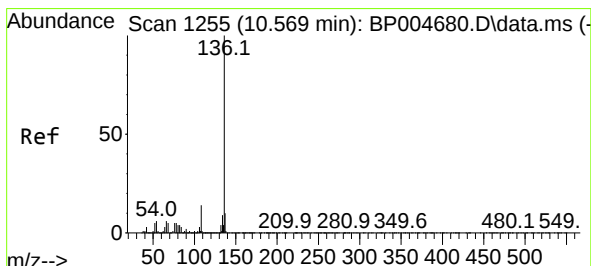
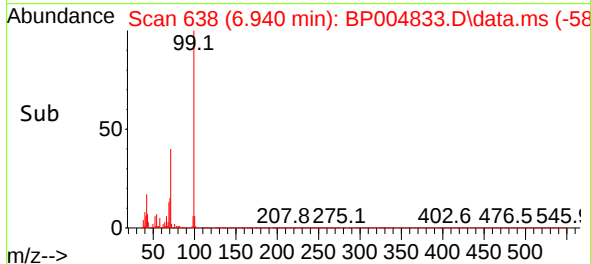
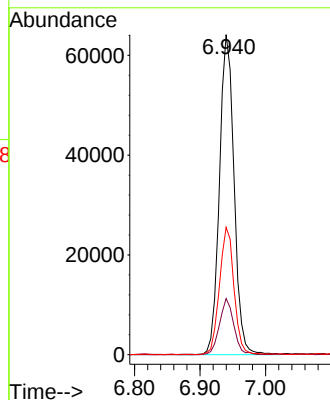
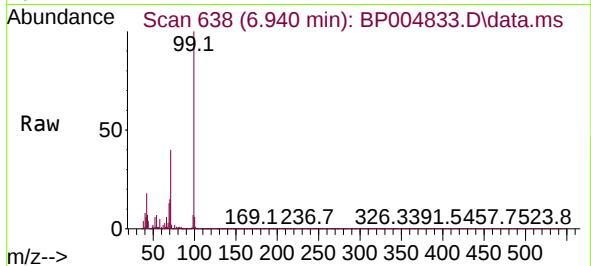
#7
Phenol-d6
Concen: 17.68 ng
RT: 6.940 min Scan# 638
Delta R.T. -0.006 min
Lab File: BP004833.D
Acq: 19 Feb 2021 21:30

Tgt Ion	Ratio	Lower	Upper
99	100		
42	17.5	8.6	13.0#
71	39.8	23.4	35.2#

Instrument :
BNA_P
ClientSampled :
WO-1

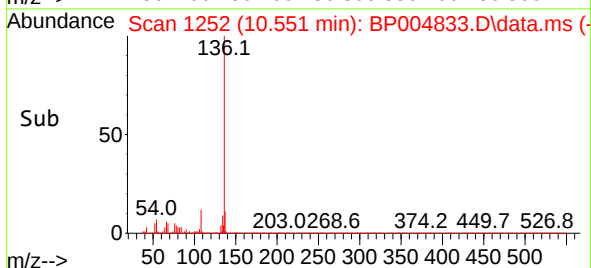
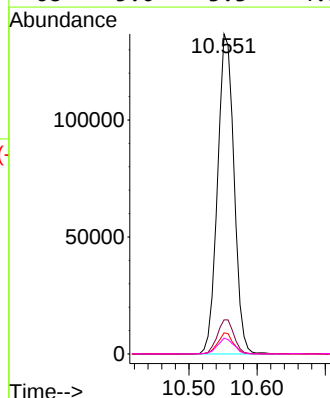
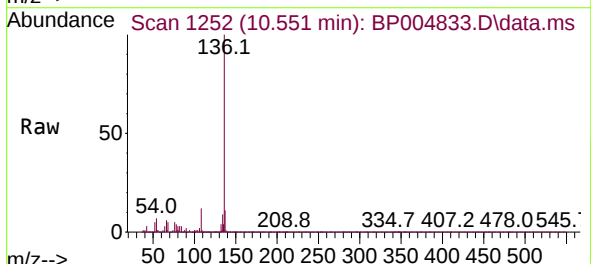
Manual Integrations
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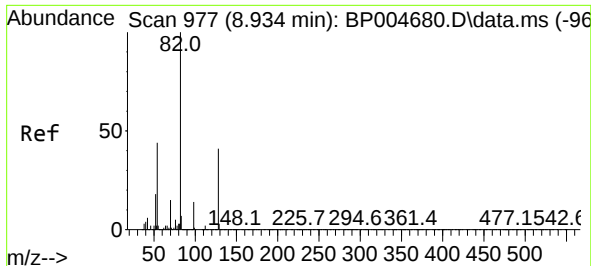
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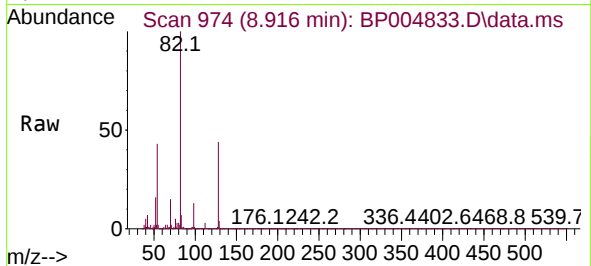
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.551 min Scan# 1252
Delta R.T. -0.006 min
Lab File: BP004833.D
Acq: 19 Feb 2021 21:30

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	13.0
54	6.6	3.6	5.4#
68	5.0	3.3	4.9#

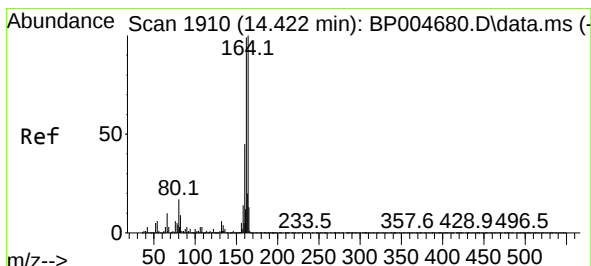
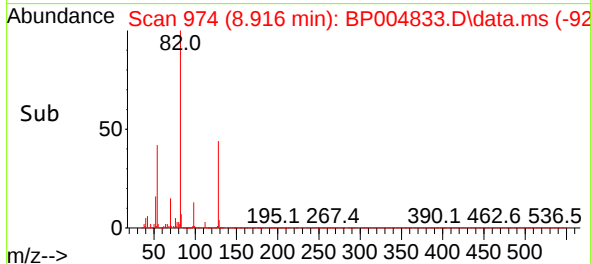
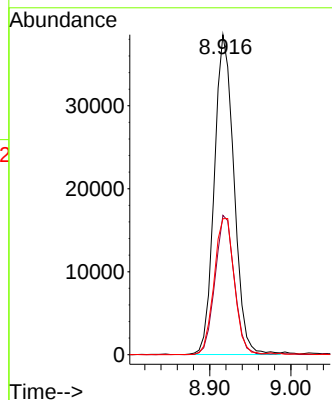




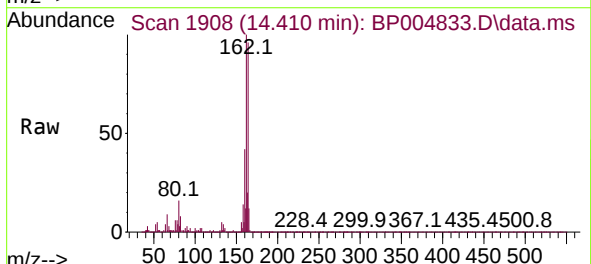
#23
Nitrobenzene-d5
Concen: 12.30 ng
RT: 8.916 min Scan# 974
Delta R.T. -0.006 min
Lab File: BP004833.D
Acq: 19 Feb 2021 21:30



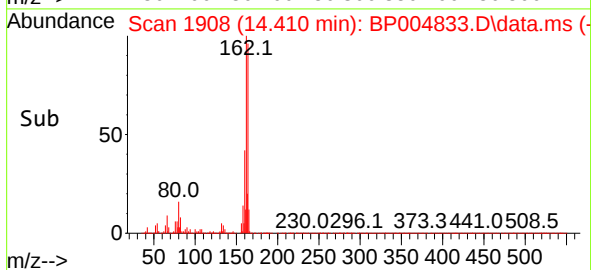
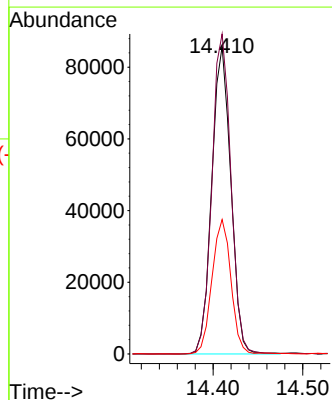
Tgt Ion: 82 Resp: 64920
Ion Ratio Lower Upper
82 100
128 43.6 45.6 68.4#
54 42.5 30.1 45.1



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.410 min Scan# 1908
Delta R.T. 0.000 min
Lab File: BP004833.D
Acq: 19 Feb 2021 21:30



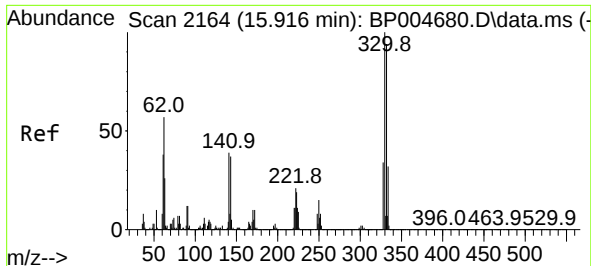
Tgt Ion: 164 Resp: 126302
Ion Ratio Lower Upper
164 100
162 104.1 79.4 119.2
160 43.7 36.1 54.1



Instrument :
BNA_P
ClientSampleId :
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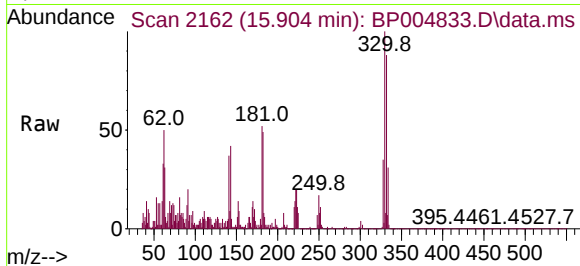
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#42
2,4,6-Tribromophenol
Concen: 5.28 ng
RT: 15.904 min Scan# 2162
Delta R.T. -0.006 min
Lab File: BP004833.D
Acq: 19 Feb 2021 21:30

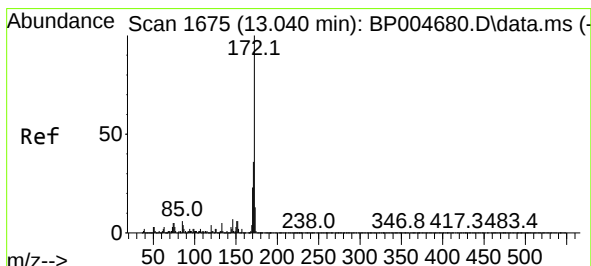
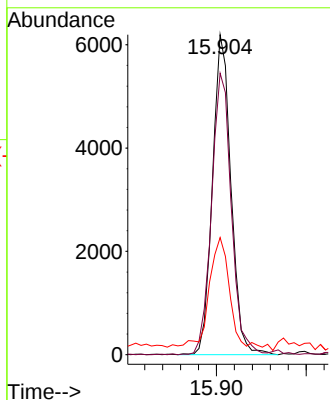
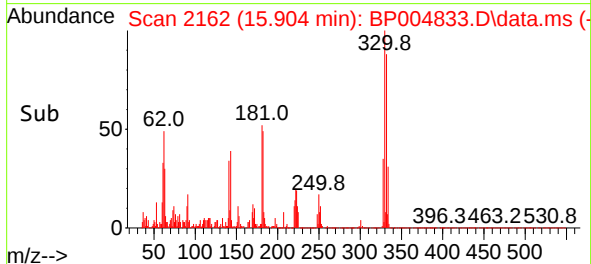
Instrument :
BNA_P
ClientSampled :
WO-1



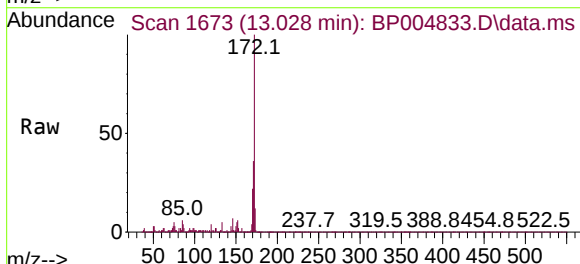
Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.2	77.1	115.7
141	38.7	23.4	35.2#

Manual Integrations
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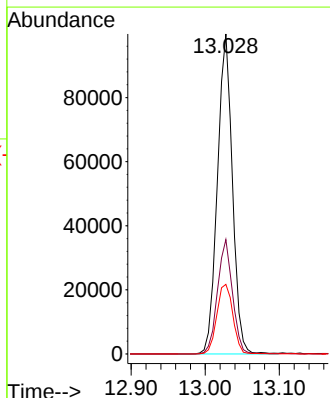
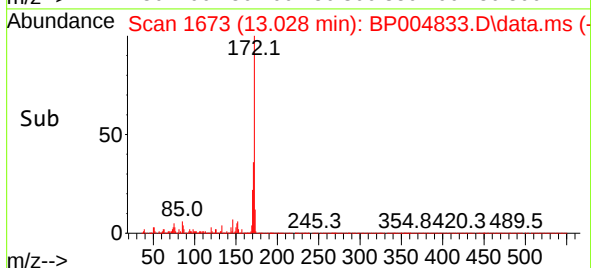
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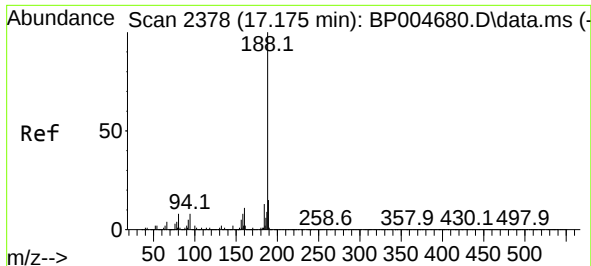


#45
2-Fluorobiphenyl
Concen: 13.59 ng
RT: 13.028 min Scan# 1673
Delta R.T. 0.000 min
Lab File: BP004833.D
Acq: 19 Feb 2021 21:30



Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.5	42.7
170	21.8	19.2	28.8





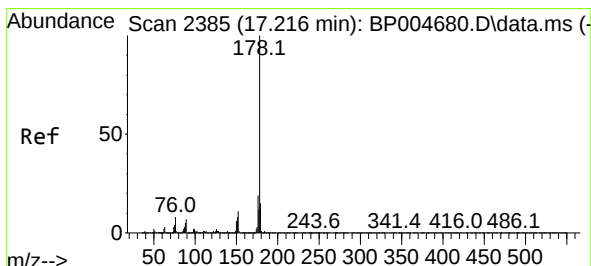
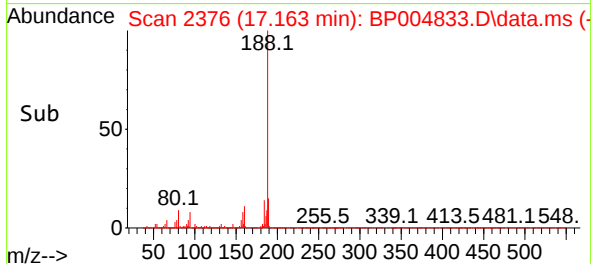
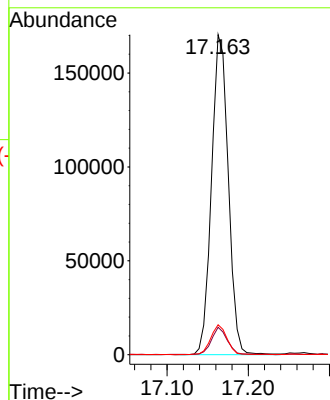
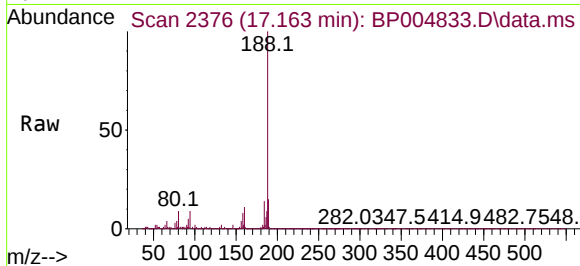
#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.163 min Scan# 2376
Delta R.T. 0.000 min
Lab File: BP004833.D
Acq: 19 Feb 2021 21:30

Tgt Ion:188 Resp: 243906
Ion Ratio Lower Upper
188 100
94 8.5 6.2 9.2
80 9.4 6.2 9.2#

Instrument :
BNA_P
ClientSampled :
WO-1

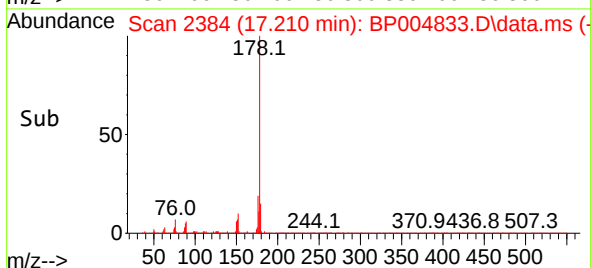
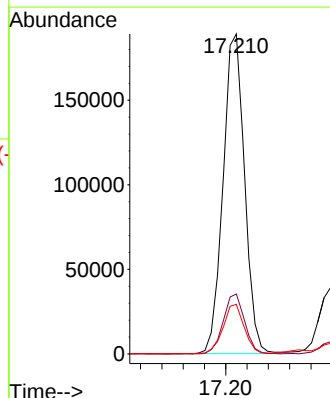
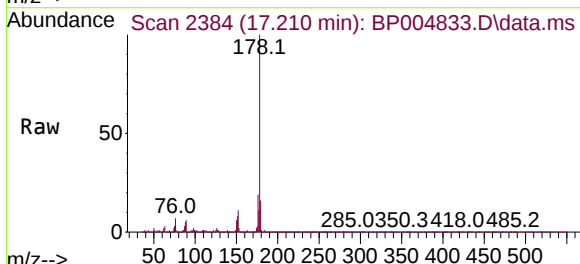
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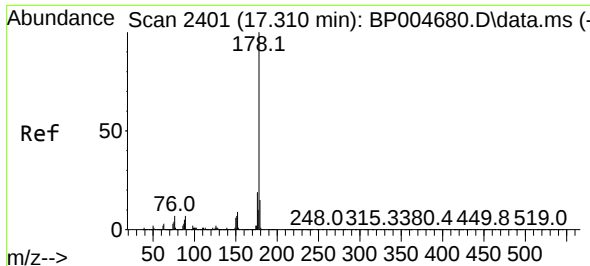
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#71
Phenanthrene
Concen: 17.75 ng
RT: 17.210 min Scan# 2384
Delta R.T. 0.000 min
Lab File: BP004833.D
Acq: 19 Feb 2021 21:30

Tgt Ion:178 Resp: 265090
Ion Ratio Lower Upper
178 100
176 18.8 15.3 22.9
179 15.5 12.5 18.7





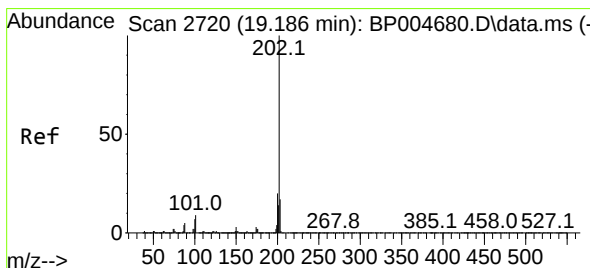
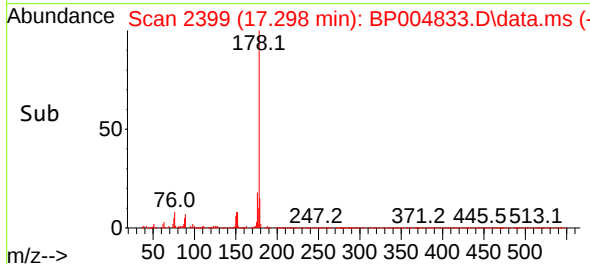
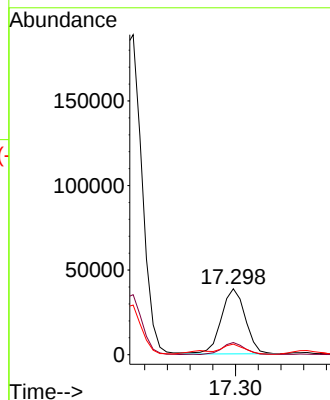
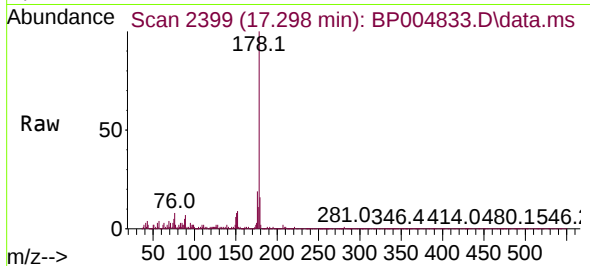
#72
 Anthracene
 Concen: 3.96 ng
 RT: 17.298 min Scan# 2399
 Delta R.T. 0.000 min
 Lab File: BP004833.D
 Acq: 19 Feb 2021 21:30

Tgt Ion:178	Resp:	56925
Ion Ratio	Lower	Upper
178	100	
176	18.5	15.0 22.4
179	16.0	12.5 18.7

Instrument :
 BNA_P
 ClientSampled :
 WO-1

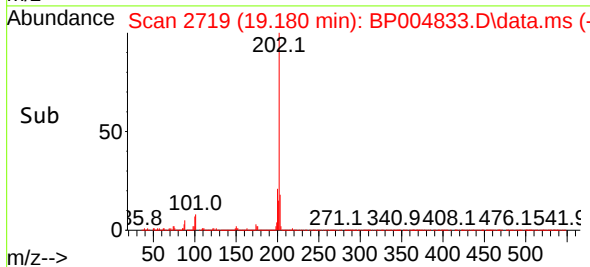
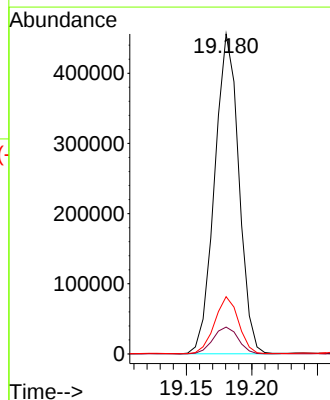
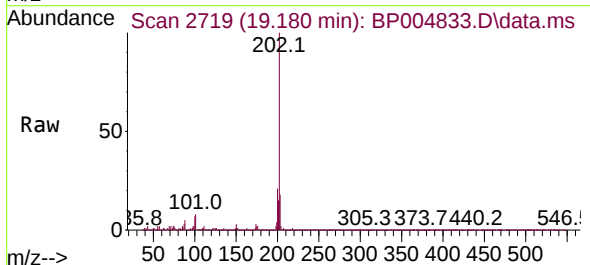
Manual Integrations
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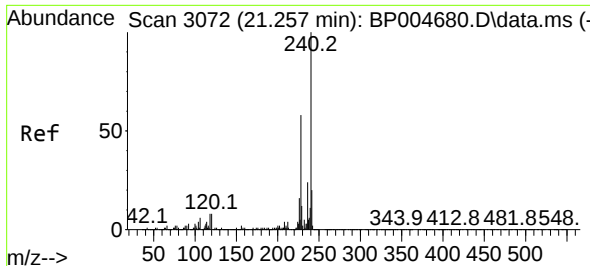
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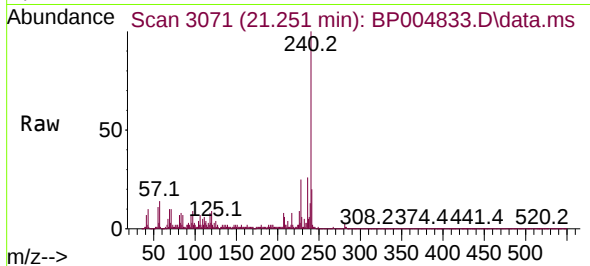
#75
 Fluoranthene
 Concen: 32.88 ng
 RT: 19.180 min Scan# 2719
 Delta R.T. 0.000 min
 Lab File: BP004833.D
 Acq: 19 Feb 2021 21:30

Tgt Ion:202	Resp:	585034
Ion Ratio	Lower	Upper
202	100	
101	8.4	0.0 29.4
203	17.9	0.0 37.8

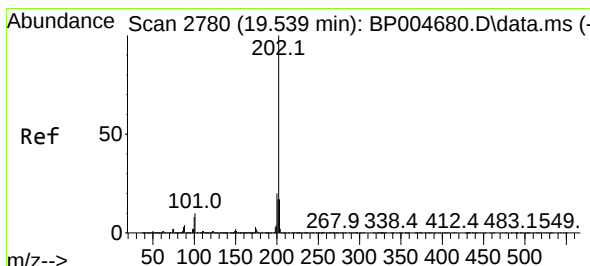
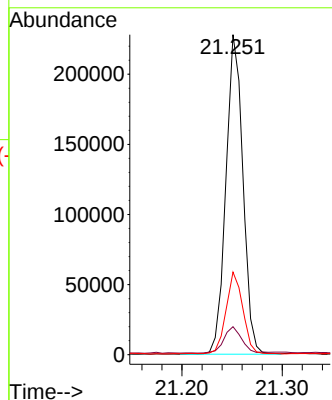
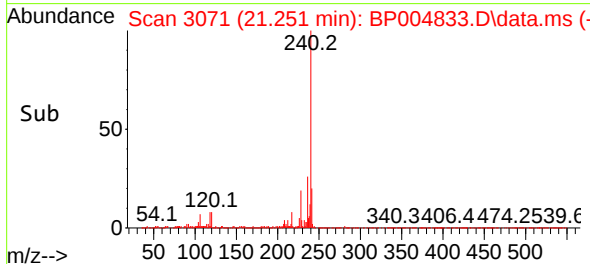




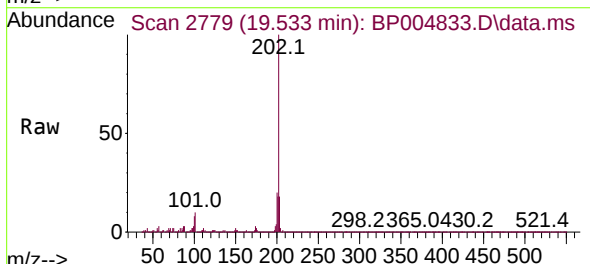
#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.251 min Scan# 3071
Delta R.T. 0.000 min
Lab File: BP004833.D
Acq: 19 Feb 2021 21:30



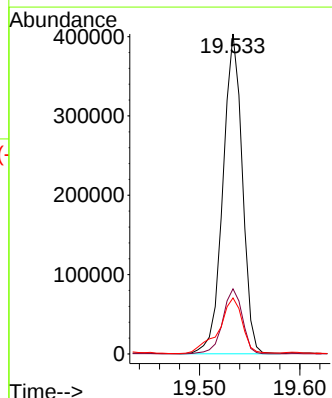
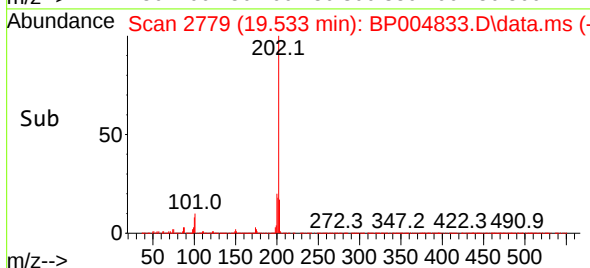
Tgt Ion:240 Resp: 268160
Ion Ratio Lower Upper
240 100
120 8.7 7.8 11.6
236 25.8 20.8 31.2



#78
Pyrene
Concen: 28.55 ng
RT: 19.533 min Scan# 2779
Delta R.T. 0.000 min
Lab File: BP004833.D
Acq: 19 Feb 2021 21:30



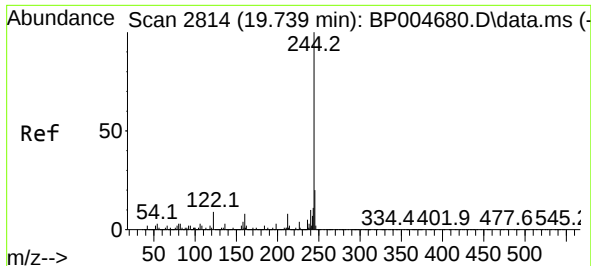
Tgt Ion:202 Resp: 539846
Ion Ratio Lower Upper
202 100
200 20.3 17.1 25.7
203 17.5 14.2 21.2



Instrument :
BNA_P
ClientSampled :
WO-1

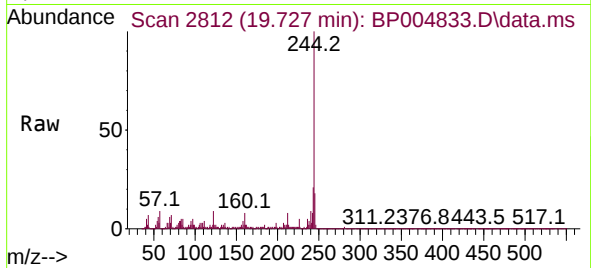
Manual Integrations
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#79
Terphenyl-d14
Concen: 11.08 ng
RT: 19.727 min Scan# 2812
Delta R.T. -0.006 min
Lab File: BP004833.D
Acq: 19 Feb 2021 21:30

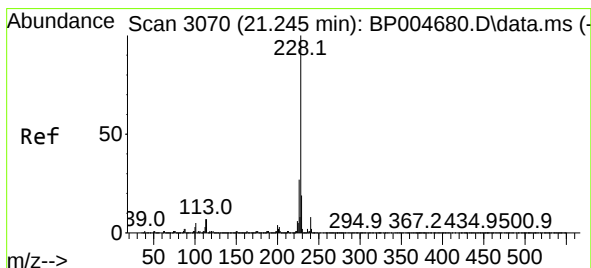
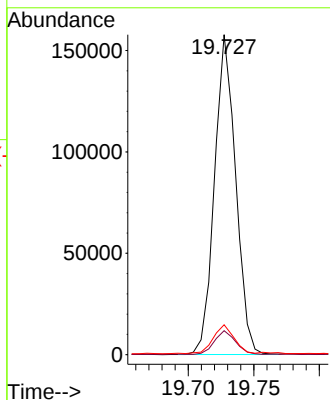
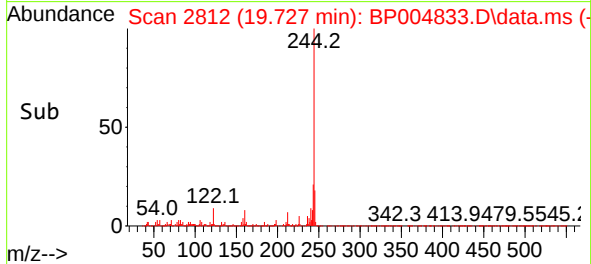
Instrument :
BNA_P
ClientSampled :
WO-1



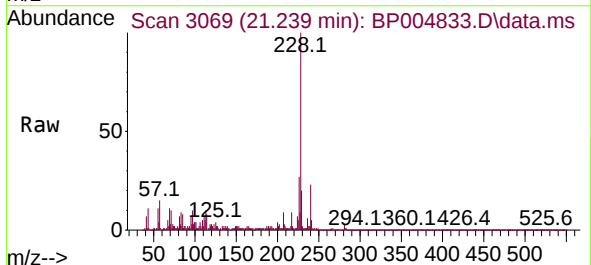
Tgt Ion:244 Resp: 176832
Ion Ratio Lower Upper
244 100
212 7.5 5.8 8.6
122 9.4 7.8 11.8

Manual Integrations
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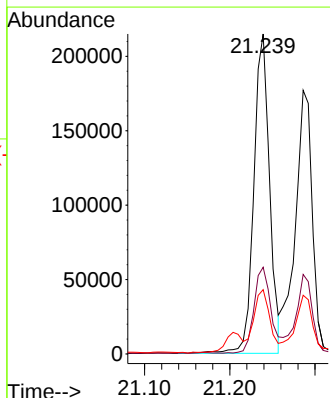
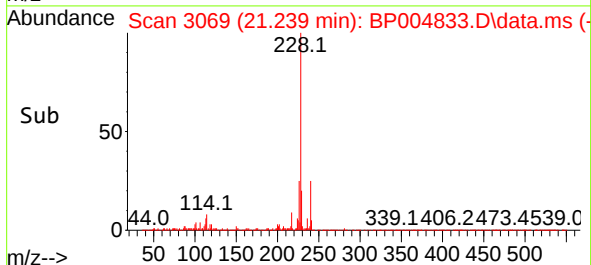
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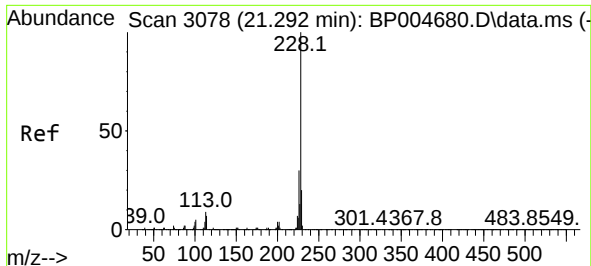


#81
Benzo(a)anthracene
Concen: 14.51 ng
RT: 21.239 min Scan# 3069
Delta R.T. 0.000 min
Lab File: BP004833.D
Acq: 19 Feb 2021 21:30

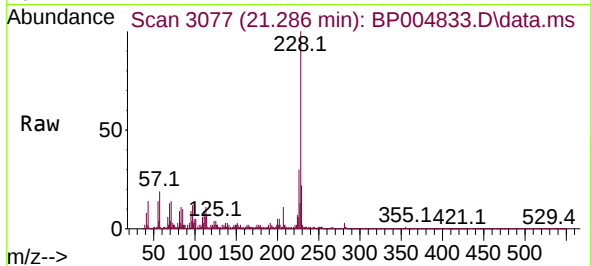


Tgt Ion:228 Resp: 275917
Ion Ratio Lower Upper
228 100
226 27.1 22.1 33.1
229 20.1 15.9 23.9

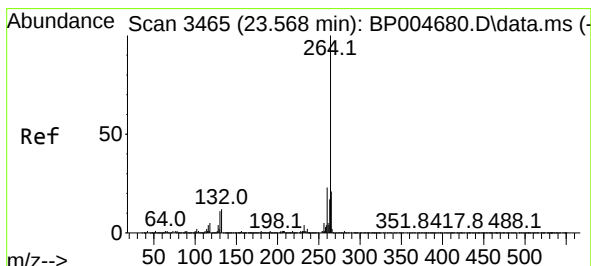
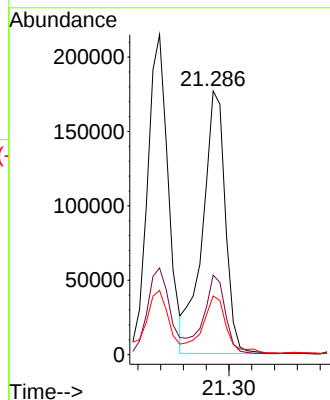
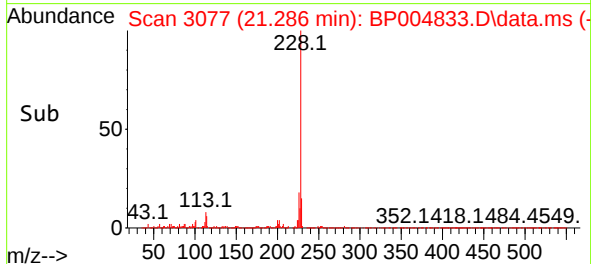




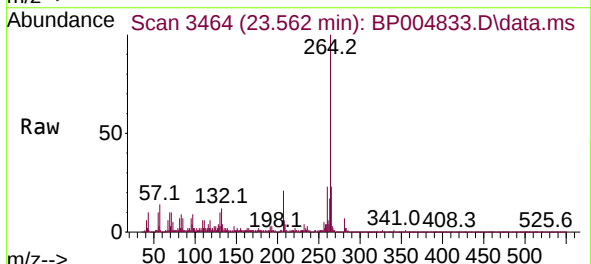
#83
Chrysene
Concen: 13.33 ng m
RT: 21.286 min Scan# 3077
Delta R.T. 0.000 min
Lab File: BP004833.D
Acq: 19 Feb 2021 21:30



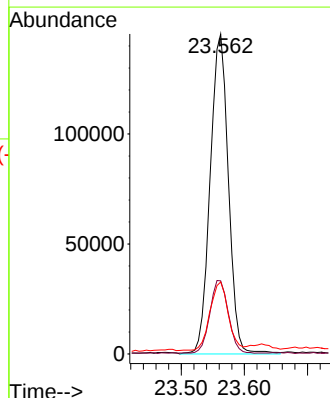
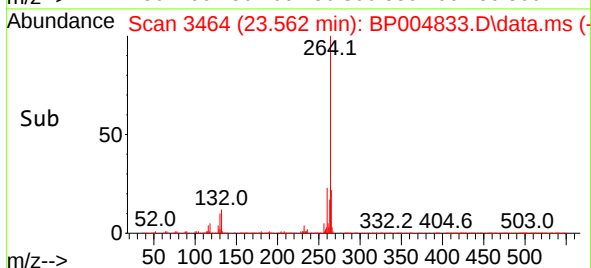
Tgt Ion:228 Resp: 245604
Ion Ratio Lower Upper
228 100
226 30.1 24.4 36.6
229 22.3 15.8 23.6



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.562 min Scan# 3464
Delta R.T. 0.006 min
Lab File: BP004833.D
Acq: 19 Feb 2021 21:30



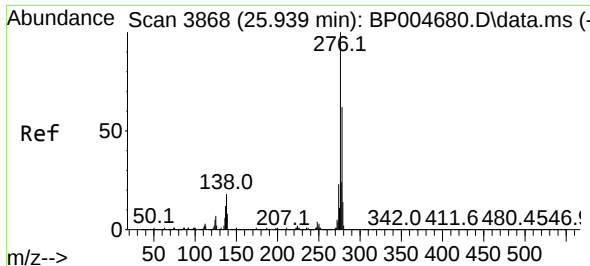
Tgt Ion:264 Resp: 292270
Ion Ratio Lower Upper
264 100
260 22.9 18.8 28.2
265 22.5 17.4 26.2



Instrument :
BNA_P
ClientSampled :
WO-1

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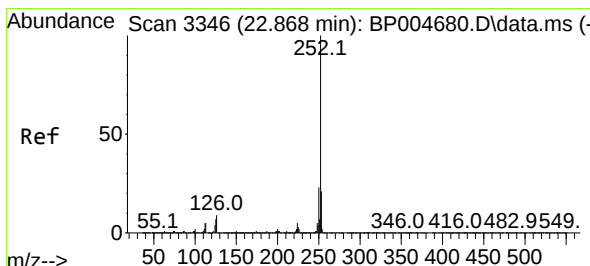
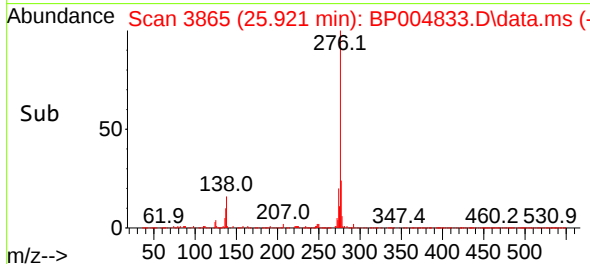
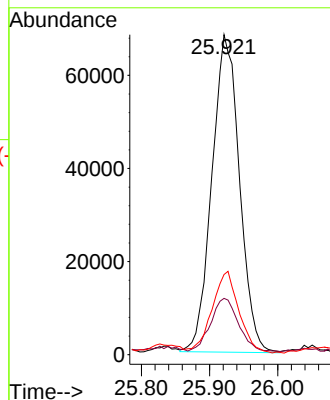
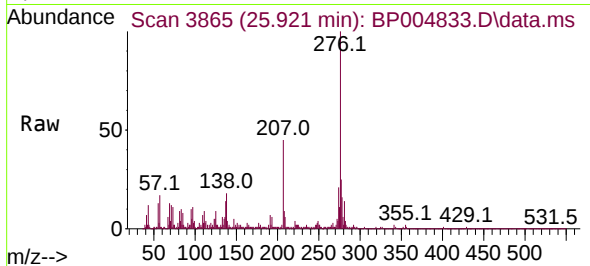
#87
Indeno(1,2,3-cd)pyrene
Concen: 8.23 ng
RT: 25.921 min Scan# 3865
Delta R.T. -0.006 min
Lab File: BP004833.D
Acq: 19 Feb 2021 21:30

Tgt Ion: 276 Resp: 192044
Ion Ratio Lower Upper
276 100
138 17.0 18.7 28.1#
277 24.6 20.4 30.6

Instrument :
BNA_P
ClientSampled :
WO-1

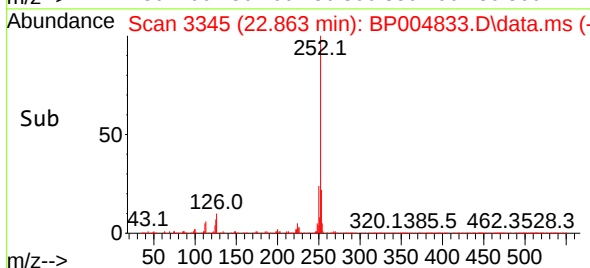
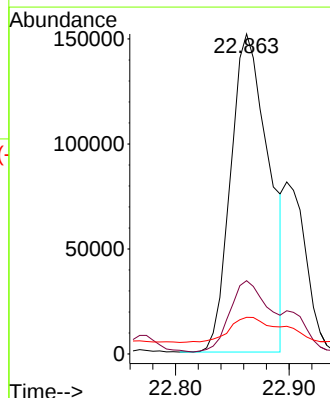
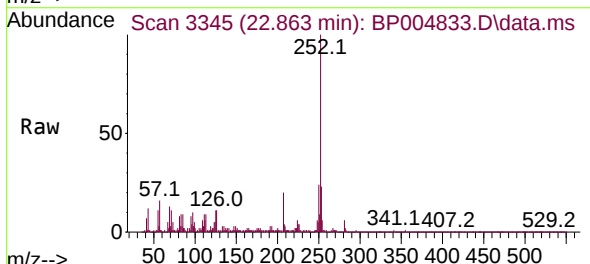
Manual Integrations
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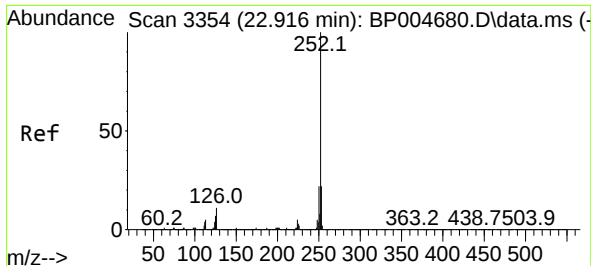
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#88
Benzo(b)fluoranthene
Concen: 16.47 ng m
RT: 22.863 min Scan# 3345
Delta R.T. 0.006 min
Lab File: BP004833.D
Acq: 19 Feb 2021 21:30

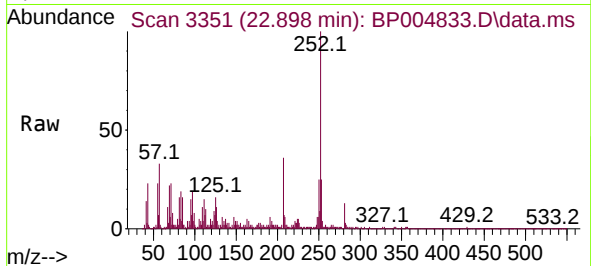
Tgt Ion: 252 Resp: 352667
Ion Ratio Lower Upper
252 100
253 22.9 17.6 26.4
125 11.4 7.3 10.9#





#89
Benzo(k)fluoranthene
Concen: 5.26 ng m
RT: 22.898 min Scan# 3351
Delta R.T. -0.006 min
Lab File: BP004833.D
Acq: 19 Feb 2021 21:30

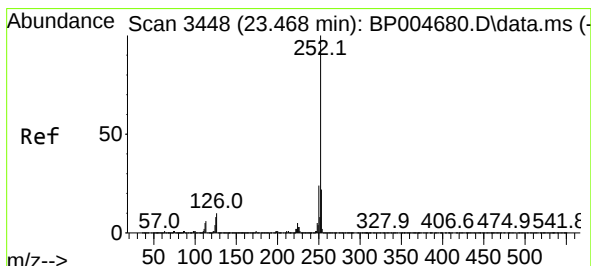
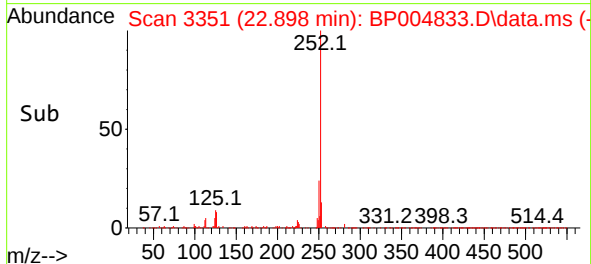
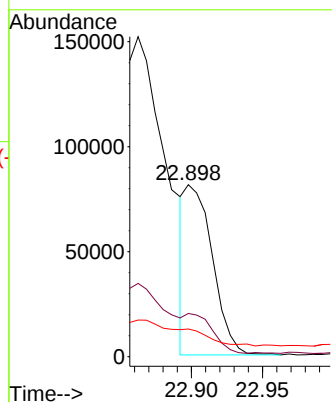
Instrument :
BNA_P
ClientSampled :
WO-1



Tgt Ion:252 Resp: 108135
Ion Ratio Lower Upper
252 100
253 25.1 17.8 26.8
125 16.1 7.4 11.2#

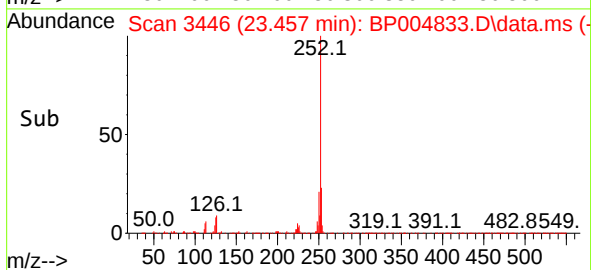
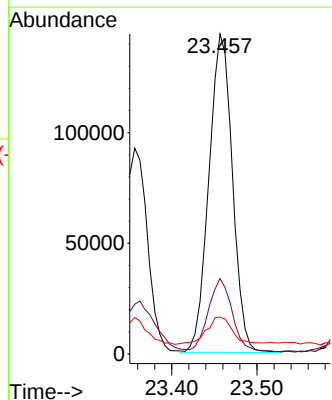
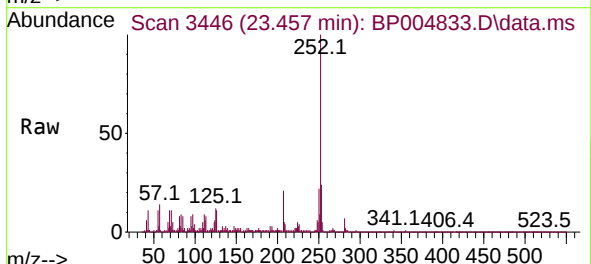
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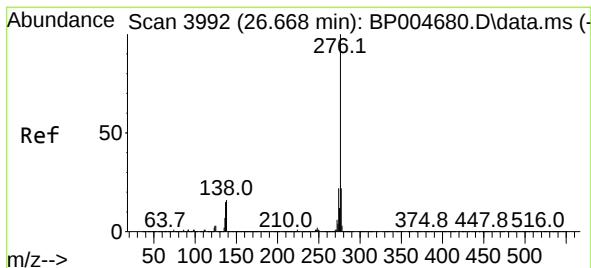
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#90
Benzo(a)pyrene
Concen: 14.26 ng
RT: 23.457 min Scan# 3446
Delta R.T. 0.000 min
Lab File: BP004833.D
Acq: 19 Feb 2021 21:30

Tgt Ion:252 Resp: 275918
Ion Ratio Lower Upper
252 100
253 23.6 17.4 26.0
125 11.5 8.2 12.4





#92

Benzo(g,h,i)perylene

Concen: 10.04 ng

RT: 26.651 min Scan# 3989

Delta R.T. 0.000 min

Lab File: BP004833.D

Acq: 19 Feb 2021 21:30

Tgt Ion: 276 Resp: 187447

Ion Ratio Lower Upper

276 100

277 25.1 19.0 28.6

138 18.3 16.6 24.8

Instrument :

BNA_P

ClientSampleId :

WO-1

Manual Integrations

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