

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060221\
 Data File : BP005677.D
 Acq On : 02 Jun 2021 21:46
 Operator : CG/JU
 Sample : M2580-07 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 18-B3(0-2)

Manual Integrations
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Quant Time: Jun 03 02:44:16 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 27 16:11:11 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.993	152	337371	20.00	ng	0.00
21) Naphthalene-d8	10.798	136	1285453	20.00	ng	# 0.00
39) Acenaphthene-d10	14.616	164	780338	20.00	ng	0.00
64) Phenanthrene-d10	17.357	188	1514166	20.00	ng	# 0.00
76) Chrysene-d12	21.427	240	1368653	20.00	ng	# 0.00
86) Perylene-d12	23.880	264	1551502	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.552	112	24439	1.13	ng	0.00
7) Phenol-d6	7.152	99	163744	5.54	ng	0.00
23) Nitrobenzene-d5	9.151	82	210920	9.13	ng	0.00
42) 2,4,6-Tribromophenol	16.092	330	1447	0.14	ng	0.00
45) 2-Fluorobiphenyl	13.245	172	575414	9.76	ng	0.00
79) Terphenyl-d14	19.898	244	787111	10.79	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	10.851	128	346539	4.53	ng	98
37) 2-Methylnaphthalene	12.451	142	156246	2.88	ng	# 85
52) Acenaphthene	14.675	154	154285	2.96	ng	97
55) Dibenzofuran	15.010	168	178453	2.23	ng	97
58) Fluorene	15.657	166	160699	2.51	ng	100
71) Phenanthrene	17.398	178	1902464	20.17	ng	99
72) Anthracene	17.492	178	427337	4.59	ng	99
75) Fluoranthene	19.357	202	1519163	13.42	ng	97
78) Pyrene	19.710	202	1368341	14.17	ng	99
81) Benzo(a)anthracene	21.410	228	585544	5.83	ng	96
83) Chrysene	21.463	228	537021m	5.52	ng	
87) Indeno(1,2,3-cd)pyrene	26.451	276	325436	2.47	ng	# 95
88) Benzo(b)fluoranthene	23.127	252	615879m	5.47	ng	
89) Benzo(k)fluoranthene	23.168	252	233389m	2.19	ng	
90) Benzo(a)pyrene	23.768	252	507899	4.96	ng	# 88
92) Benzo(g,h,i)perylene	27.245	276	331117	3.00	ng	# 88

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

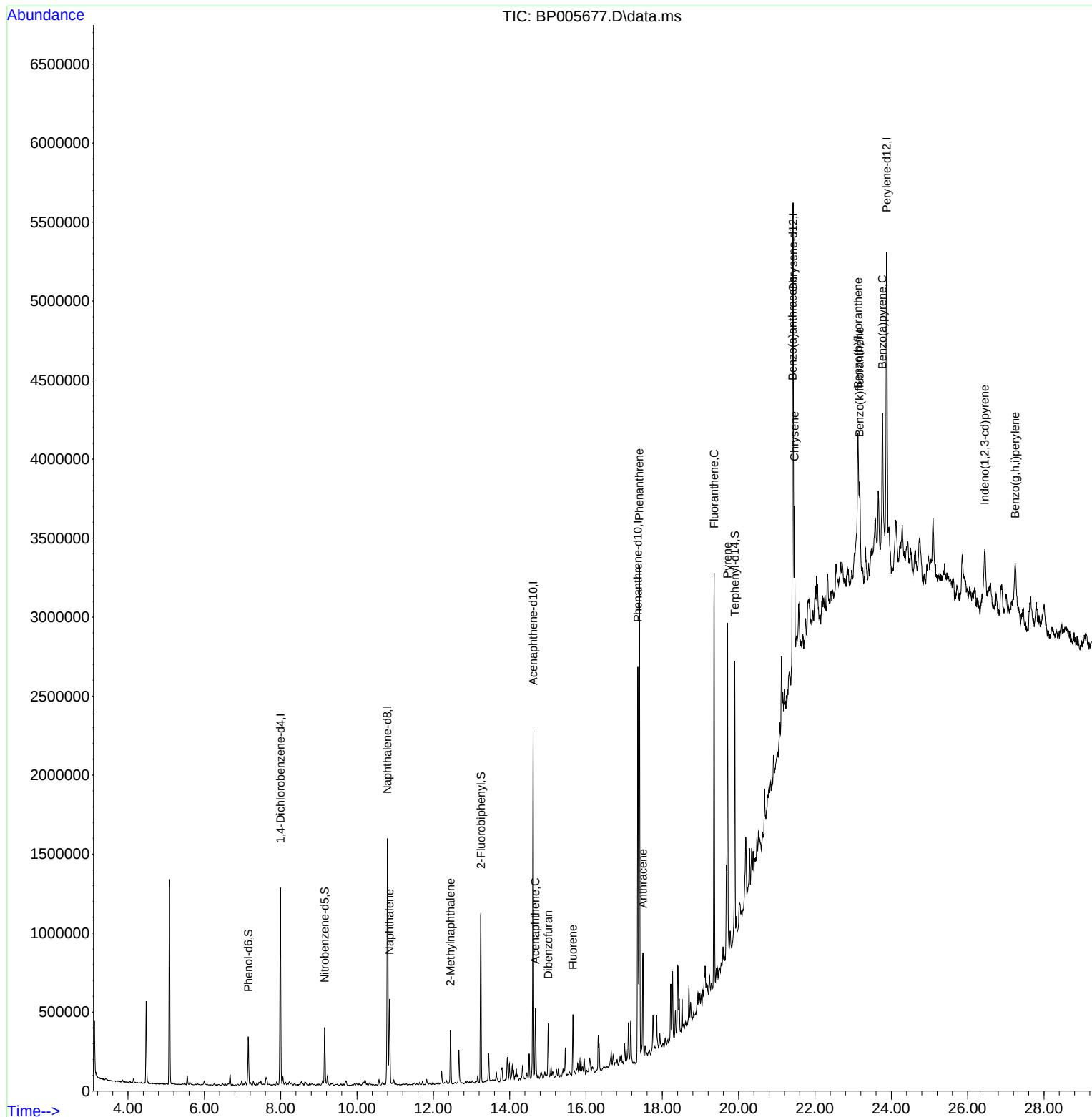
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060221\
Data File : BP005677.D
Acq On : 02 Jun 2021 21:46
Operator : CG/JU
Sample : M2580-07 5X
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ALS Vial : 15 Sample Multiplier: 1

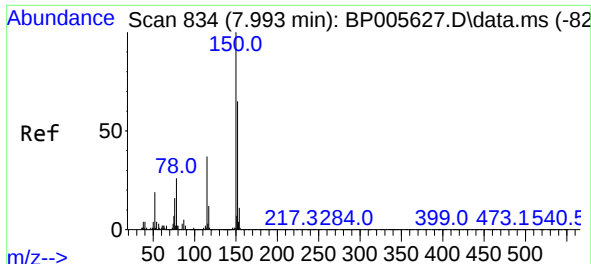
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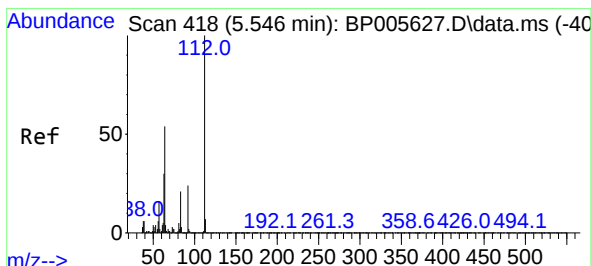
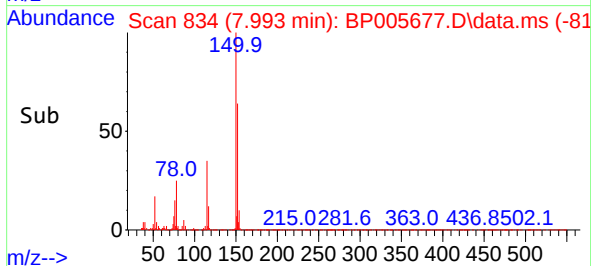
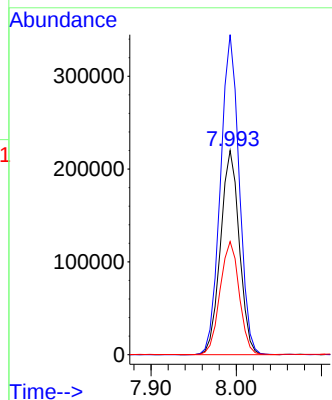
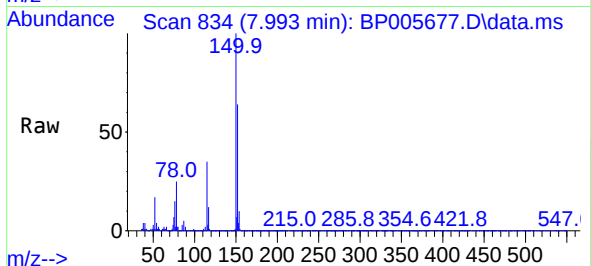
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.993 min Scan# 834
Delta R.T. -0.000 min
Lab File: BP005677.D
Acq: 02 Jun 2021 21:46

Tgt Ion:152 Resp: 337371
Ion Ratio Lower Upper
152 100
150 156.7 119.8 179.8
115 55.4 49.0 73.4

Instrument :
BNA_P
ClientSampleId :
18-B3(0-2)

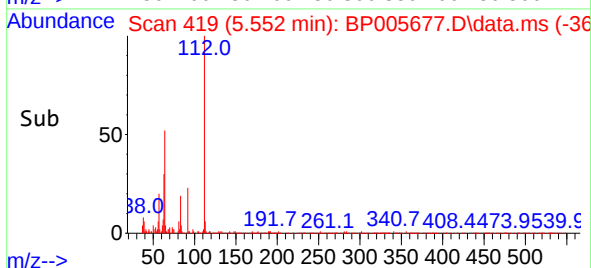
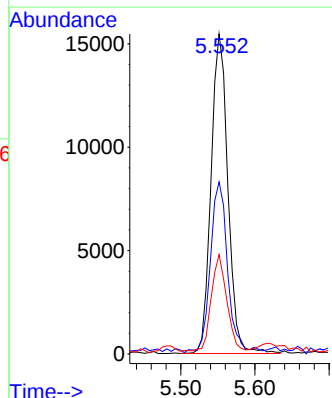
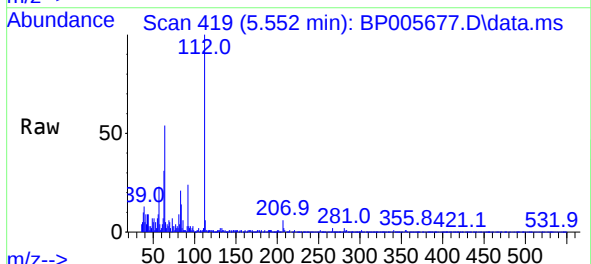
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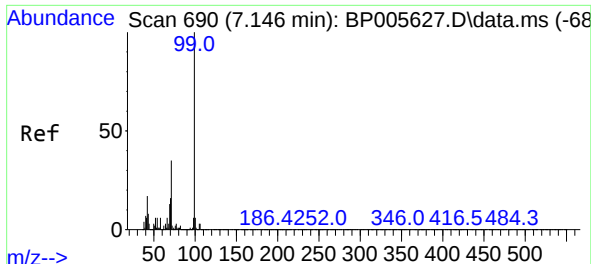
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#5
2-Fluorophenol
Concen: 1.13 ng
RT: 5.552 min Scan# 419
Delta R.T. 0.006 min
Lab File: BP005677.D
Acq: 02 Jun 2021 21:46

Tgt Ion:112 Resp: 24439
Ion Ratio Lower Upper
112 100
64 53.8 33.6 50.4#
63 31.0 18.6 27.8#





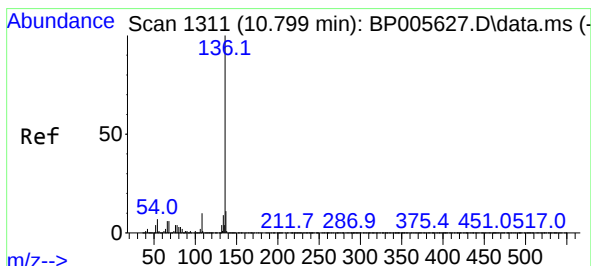
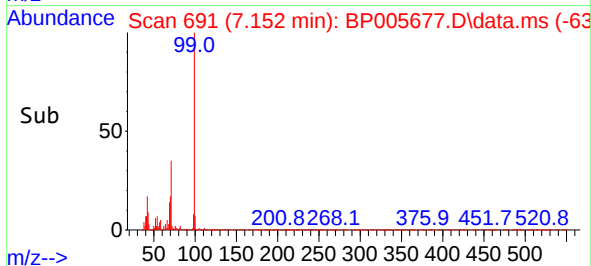
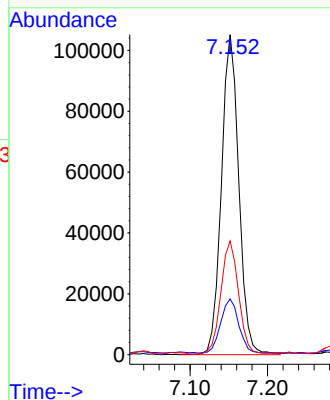
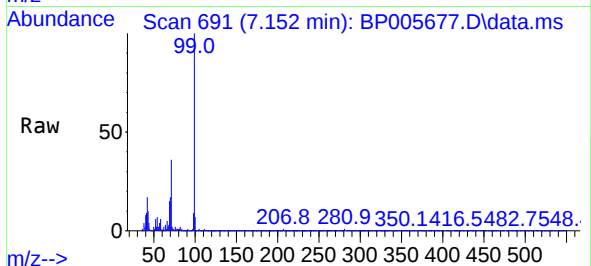
#7
Phenol-d6
Concen: 5.54 ng
RT: 7.152 min Scan# 691
Delta R.T. 0.006 min
Lab File: BP005677.D
Acq: 02 Jun 2021 21:46

Tgt Ion:	99	Resp:	163744
Ion	Ratio	Lower	Upper
99	100		
42	17.4	12.9	19.3
71	35.6	26.7	40.1

Instrument :
BNA_P
ClientSampled :
18-B3(0-2)

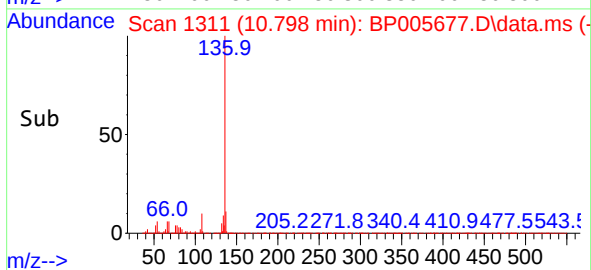
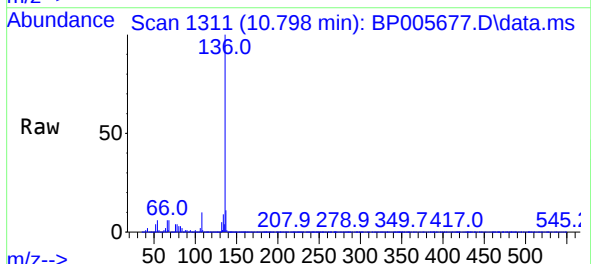
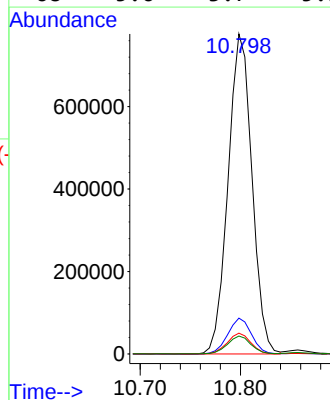
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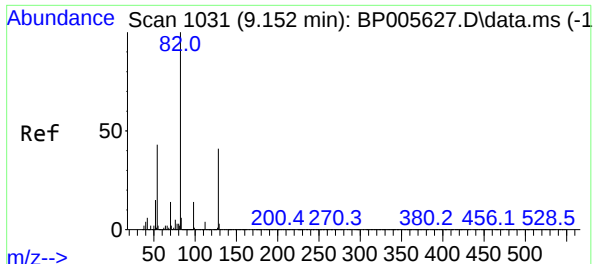
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#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.798 min Scan# 1311
Delta R.T. -0.001 min
Lab File: BP005677.D
Acq: 02 Jun 2021 21:46

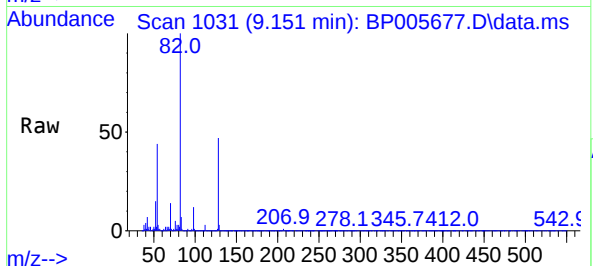
Tgt Ion:	136	Resp:	1285453
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	6.5	5.0	7.4
68	5.6	3.7	5.5





#23
Nitrobenzene-d5
Concen: 9.13 ng
RT: 9.151 min Scan# 1031
Delta R.T. -0.000 min
Lab File: BP005677.D
Acq: 02 Jun 2021 21:46

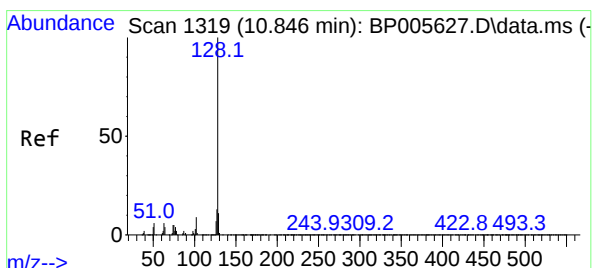
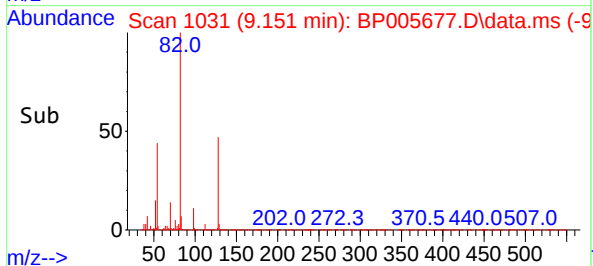
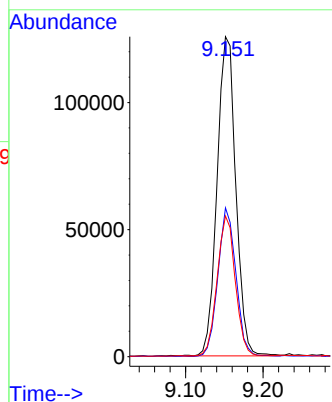
Instrument :
BNA_P
ClientSampleId :
18-B3(0-2)



Tgt Ion: 82 Resp: 210920
Ion Ratio Lower Upper
82 100
128 46.5 30.5 45.7#
54 44.0 33.9 50.9

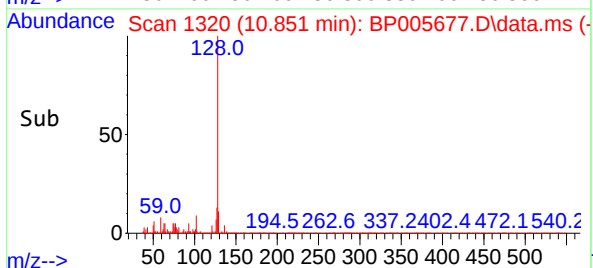
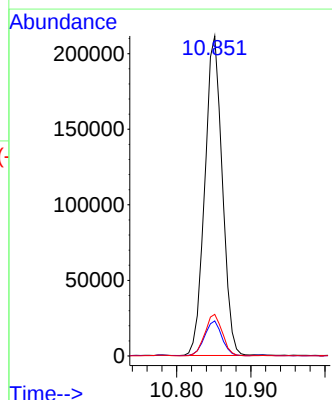
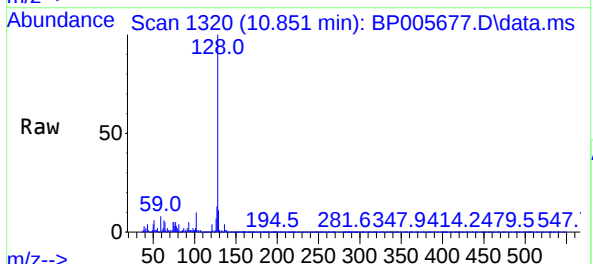
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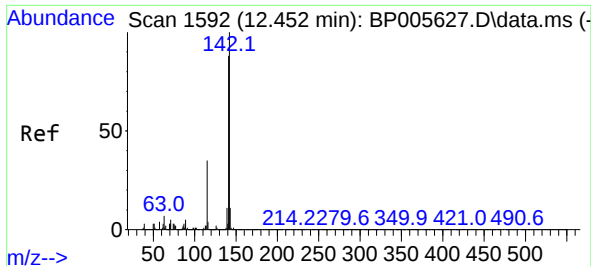
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#31
Naphthalene
Concen: 4.53 ng
RT: 10.851 min Scan# 1320
Delta R.T. 0.006 min
Lab File: BP005677.D
Acq: 02 Jun 2021 21:46

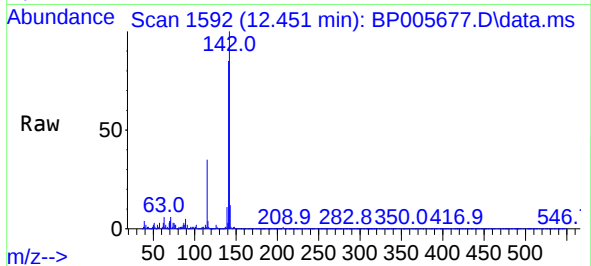
Tgt Ion: 128 Resp: 346539
Ion Ratio Lower Upper
128 100
129 11.0 8.0 12.0
127 13.0 11.1 16.7





#37
2-Methylnaphthalene
Concen: 2.88 ng
RT: 12.451 min Scan# 1592
Delta R.T. -0.000 min
Lab File: BP005677.D
Acq: 02 Jun 2021 21:46

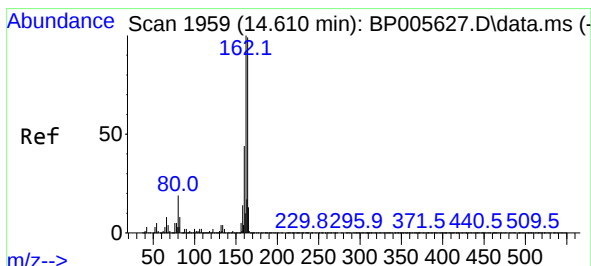
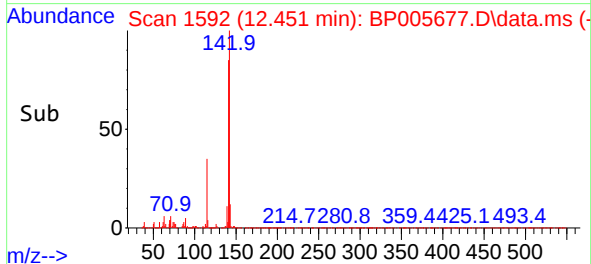
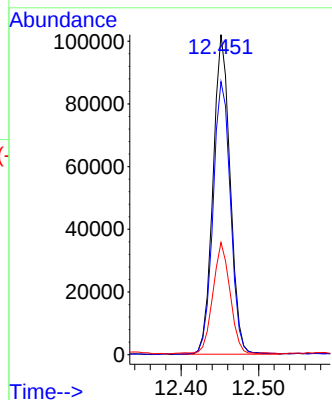
Instrument :
BNA_P
ClientSampleId :
18-B3(0-2)



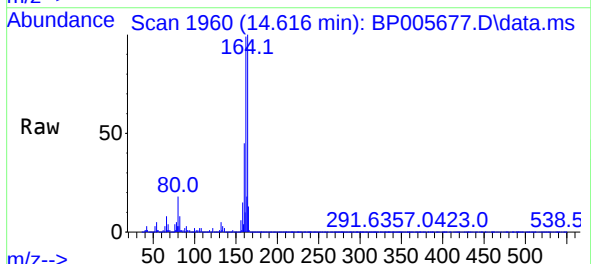
Tgt Ion:142 Resp: 156246
Ion Ratio Lower Upper
142 100
141 85.3 74.7 112.1
115 35.1 43.8 65.8#

Manual Integrations
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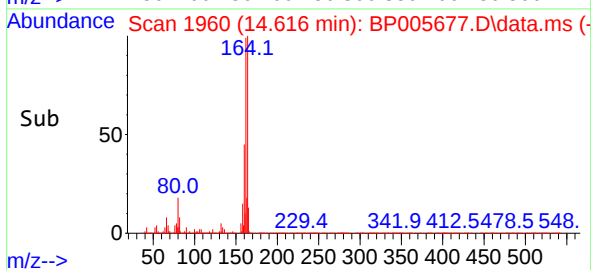
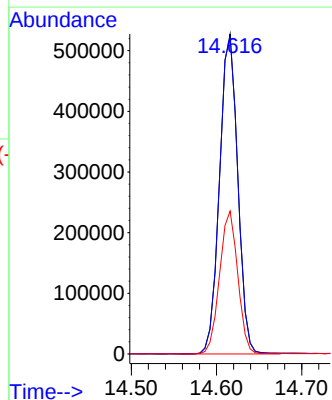
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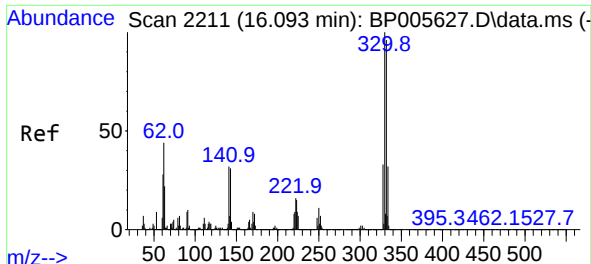


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.616 min Scan# 1960
Delta R.T. 0.006 min
Lab File: BP005677.D
Acq: 02 Jun 2021 21:46



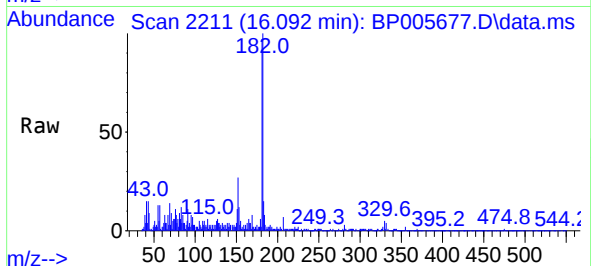
Tgt Ion:164 Resp: 780338
Ion Ratio Lower Upper
164 100
162 99.1 73.5 110.3
160 44.6 40.6 61.0





#42
2,4,6-Tribromophenol
Concen: 0.14 ng
RT: 16.092 min Scan# 2211
Delta R.T. -0.000 min
Lab File: BP005677.D
Acq: 02 Jun 2021 21:46

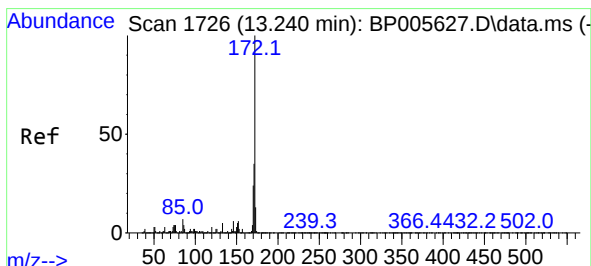
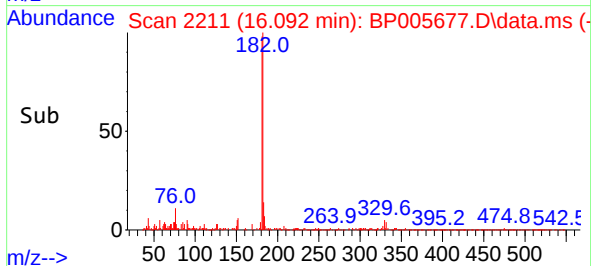
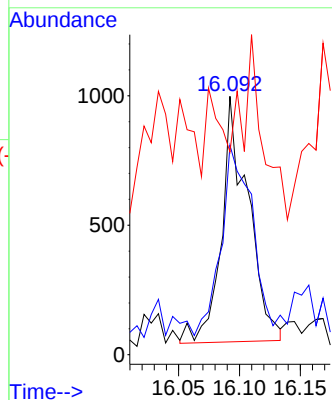
Instrument :
BNA_P
ClientSampleId :
18-B3(0-2)



Tgt Ion:330 Resp: 1447
Ion Ratio Lower Upper
330 100
332 97.2 76.3 114.5
141 20.5 22.8 34.2#

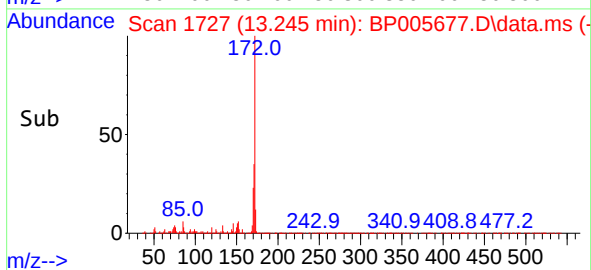
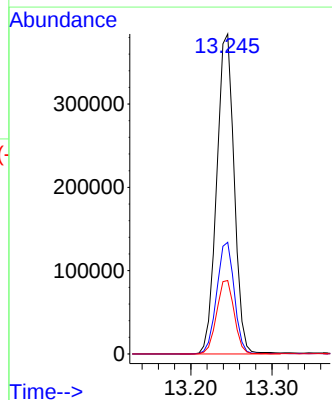
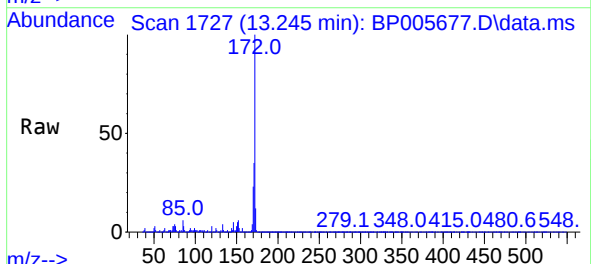
Manual Integrations
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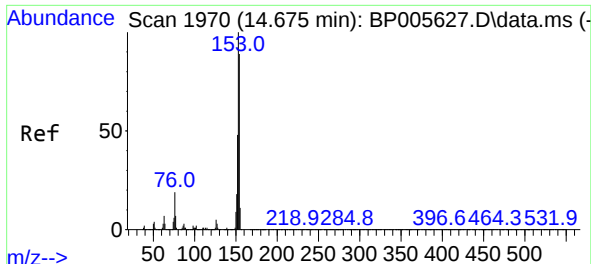
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#45
2-Fluorobiphenyl
Concen: 9.76 ng
RT: 13.245 min Scan# 1727
Delta R.T. 0.006 min
Lab File: BP005677.D
Acq: 02 Jun 2021 21:46

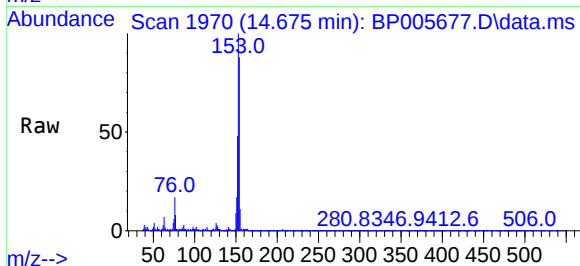
Tgt Ion:172 Resp: 575414
Ion Ratio Lower Upper
172 100
171 34.9 28.1 42.1
170 22.9 19.6 29.4





#52
Acenaphthene
Concen: 2.96 ng
RT: 14.675 min Scan# 1970
Delta R.T. -0.000 min
Lab File: BP005677.D
Acq: 02 Jun 2021 21:46

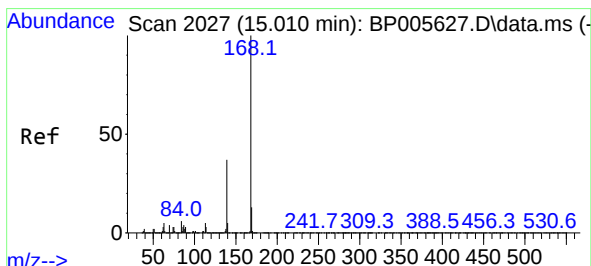
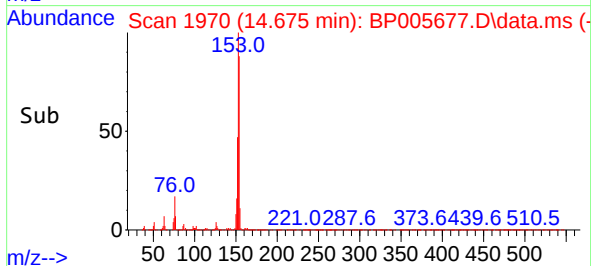
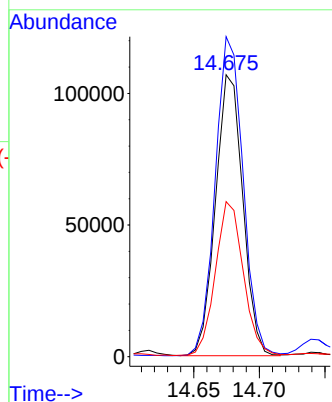
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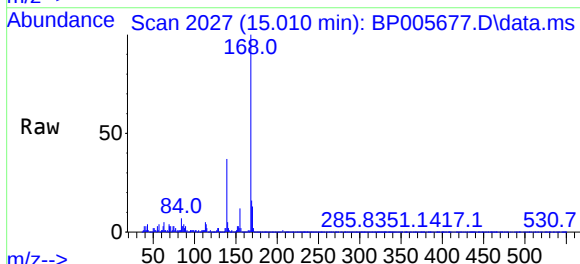
Tgt Ion:154 Resp: 154285
Ion Ratio Lower Upper
154 100
153 113.5 90.9 136.3
152 55.0 48.5 72.7

Manual Integrations
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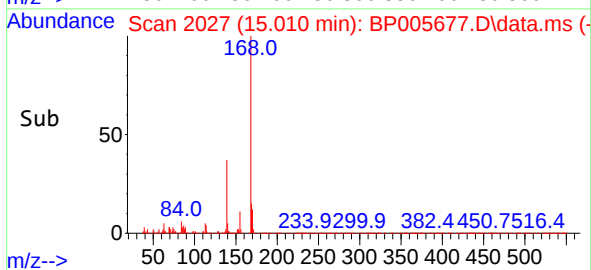
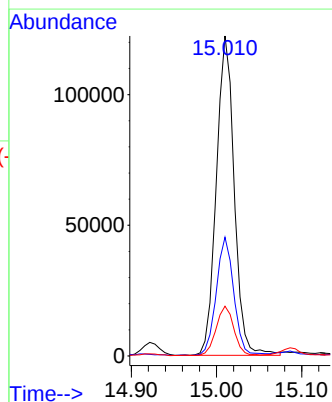
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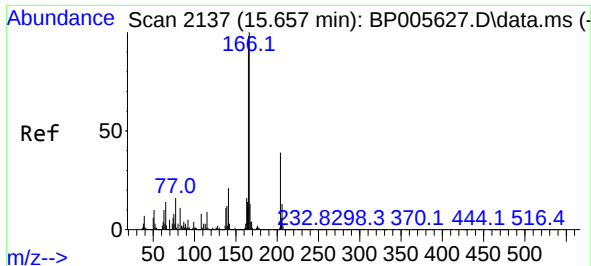


#55
Dibenzofuran
Concen: 2.23 ng
RT: 15.010 min Scan# 2027
Delta R.T. -0.000 min
Lab File: BP005677.D
Acq: 02 Jun 2021 21:46



Tgt Ion:168 Resp: 178453
Ion Ratio Lower Upper
168 100
139 37.1 31.4 47.0
169 15.5 11.4 17.0





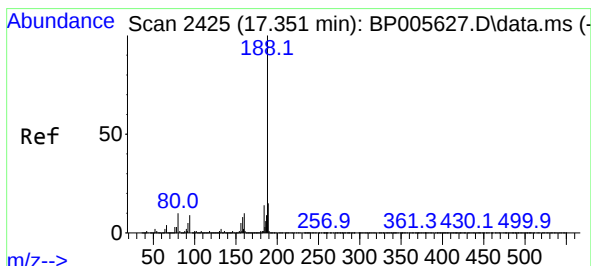
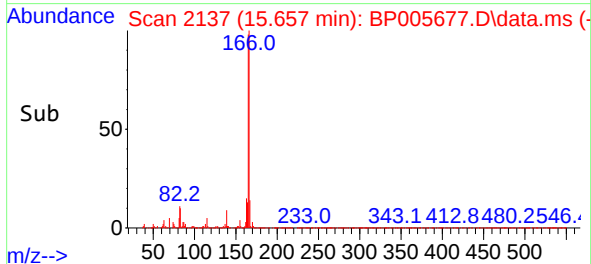
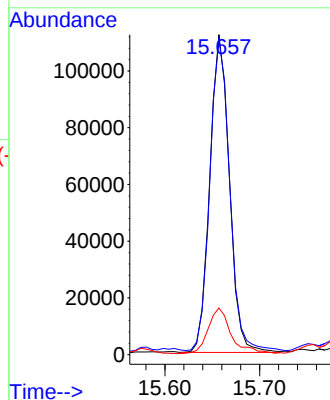
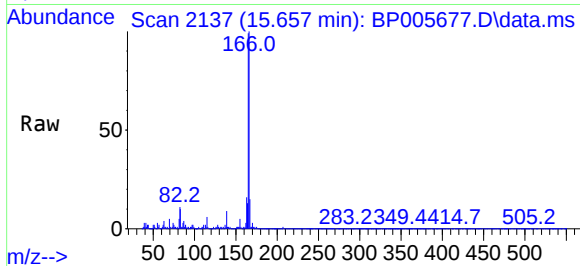
#58
Fluorene
Concen: 2.51 ng
RT: 15.657 min Scan# 2137
Delta R.T. -0.000 min
Lab File: BP005677.D
Acq: 02 Jun 2021 21:46

Tgt Ion:166 Resp: 160699
Ion Ratio Lower Upper
166 100
165 98.5 78.8 118.2
167 14.6 10.9 16.3

Instrument :
BNA_P
ClientSampleId :
18-B3(0-2)

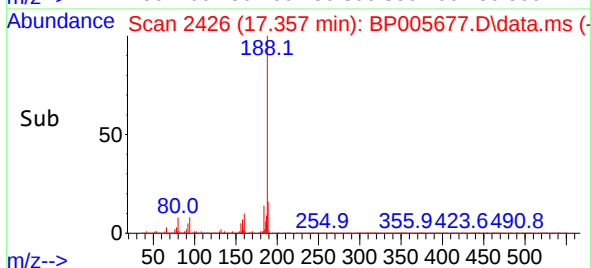
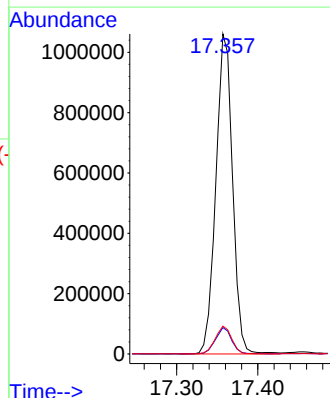
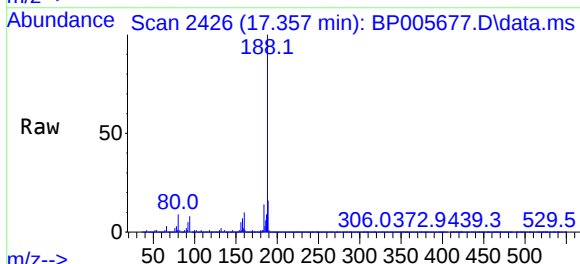
Manual Integrations
APPROVED

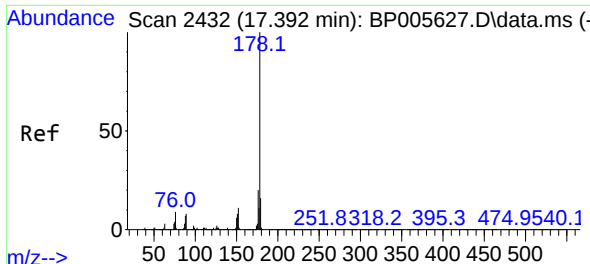
mohammad
6/3/2021 11:08:35 AM



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.357 min Scan# 2426
Delta R.T. 0.006 min
Lab File: BP005677.D
Acq: 02 Jun 2021 21:46

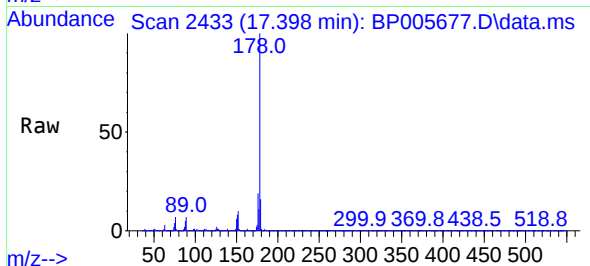
Tgt Ion:188 Resp: 1514166
Ion Ratio Lower Upper
188 100
94 8.2 5.0 7.6#
80 8.7 5.9 8.9





#71
Phenanthrene
Concen: 20.17 ng
RT: 17.398 min Scan# 2433
Delta R.T. 0.006 min
Lab File: BP005677.D
Acq: 02 Jun 2021 21:46

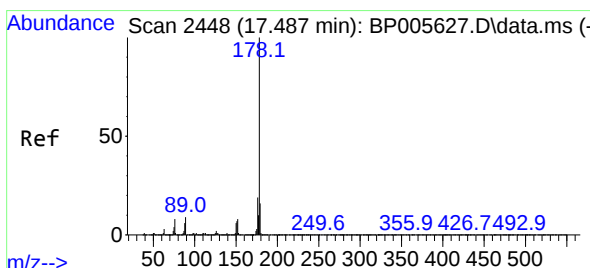
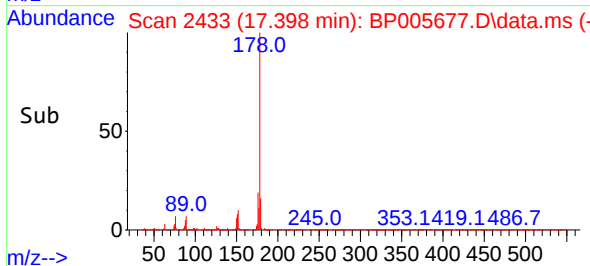
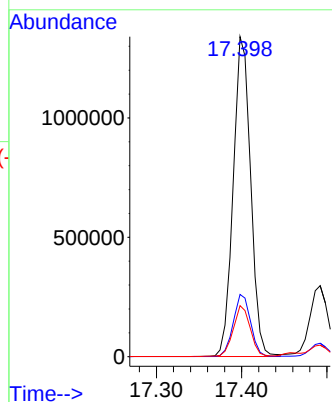
Instrument :
BNA_P
ClientSampled :
18-B3(0-2)



Tgt Ion:178 Resp: 1902464
Ion Ratio Lower Upper
178 100
176 19.5 15.4 23.2
179 15.9 12.3 18.5

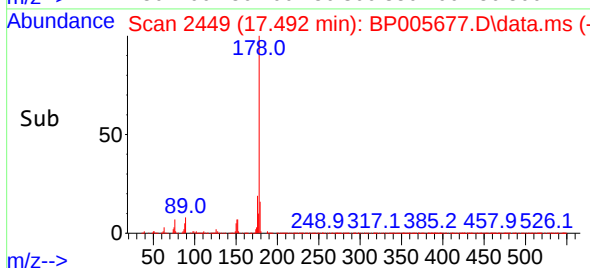
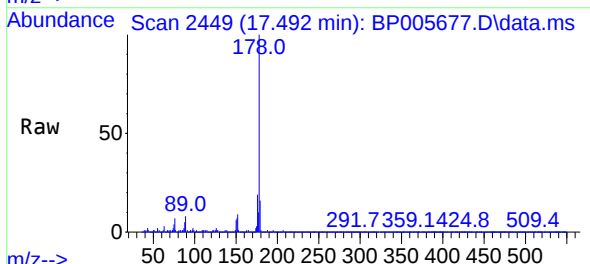
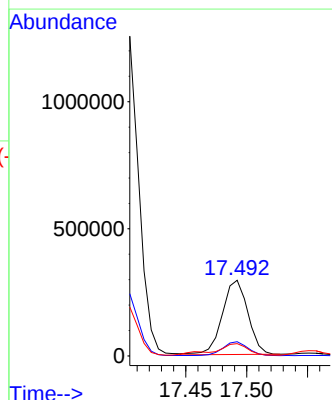
Manual Integrations
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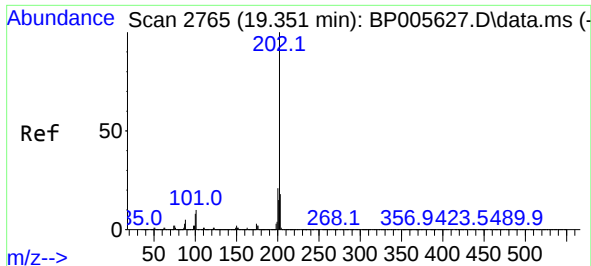
mohammad
6/3/2021 11:08:35 AM



#72
Anthracene
Concen: 4.59 ng
RT: 17.492 min Scan# 2449
Delta R.T. 0.006 min
Lab File: BP005677.D
Acq: 02 Jun 2021 21:46

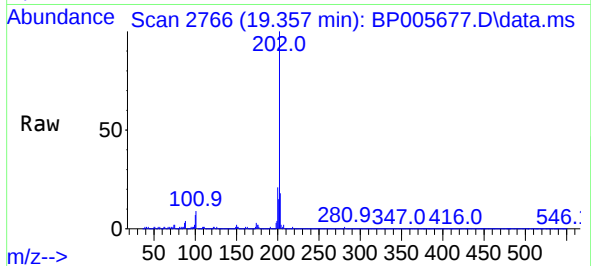
Tgt Ion:178 Resp: 427337
Ion Ratio Lower Upper
178 100
176 18.9 15.2 22.8
179 16.3 12.6 19.0





#75
Fluoranthene
Concen: 13.42 ng
RT: 19.357 min Scan# 2766
Delta R.T. 0.006 min
Lab File: BP005677.D
Acq: 02 Jun 2021 21:46

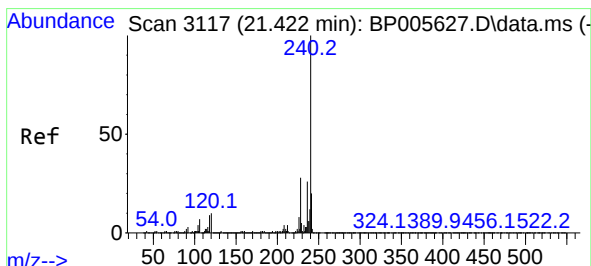
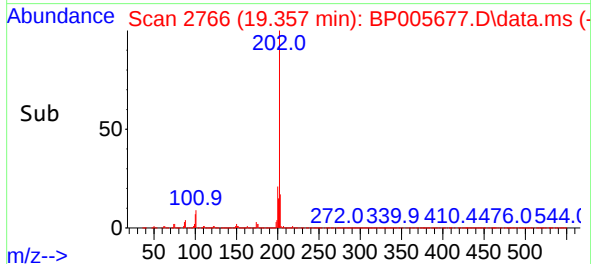
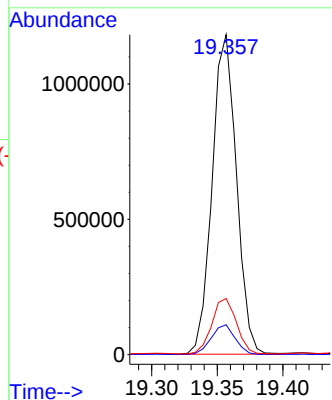
Instrument :
BNA_P
ClientSampleId :
18-B3(0-2)



Tgt Ion:202 Resp: 1519163
Ion Ratio Lower Upper
202 100
101 9.3 0.0 26.1
203 17.6 0.0 37.2

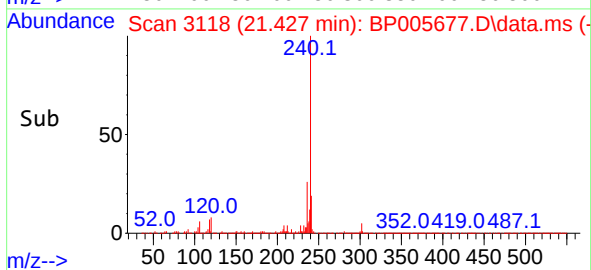
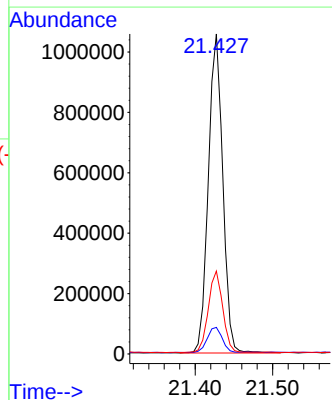
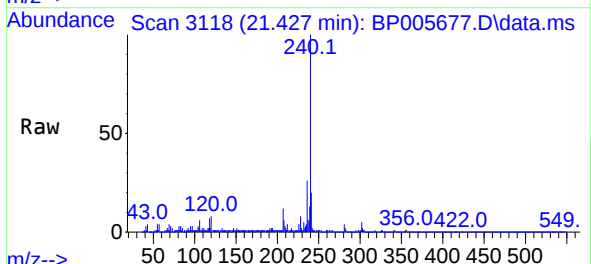
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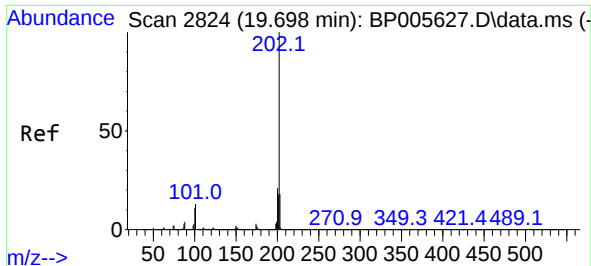
mohammad
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#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.427 min Scan# 3118
Delta R.T. 0.005 min
Lab File: BP005677.D
Acq: 02 Jun 2021 21:46

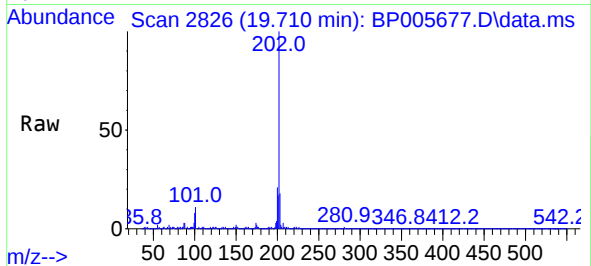
Tgt Ion:240 Resp: 1368653
Ion Ratio Lower Upper
240 100
120 8.3 4.2 6.2#
236 25.9 20.2 30.2





#78
Pyrene
Concen: 14.17 ng
RT: 19.710 min Scan# 2826
Delta R.T. 0.011 min
Lab File: BP005677.D
Acq: 02 Jun 2021 21:46

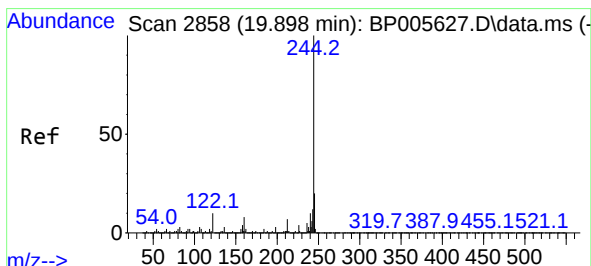
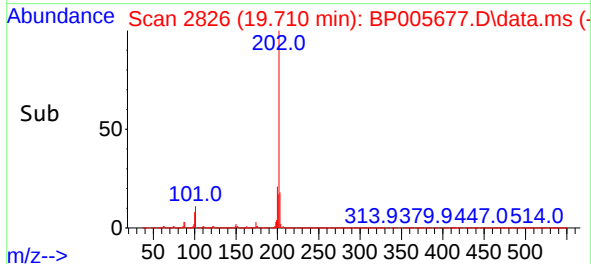
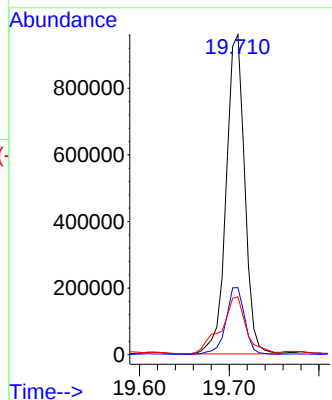
Instrument :
BNA_P
ClientSampleId :
18-B3(0-2)



Tgt Ion:202 Resp: 1368341
Ion Ratio Lower Upper
202 100
200 21.0 16.9 25.3
203 18.1 13.8 20.6

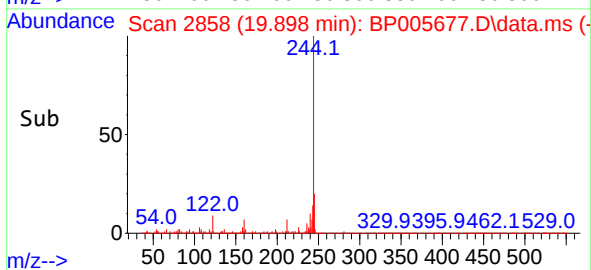
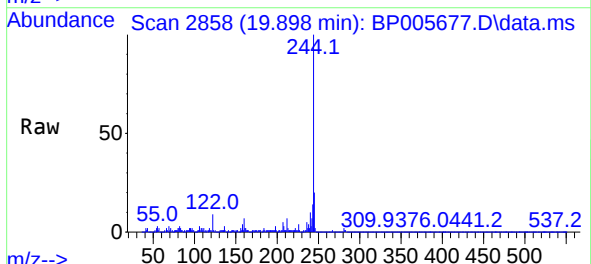
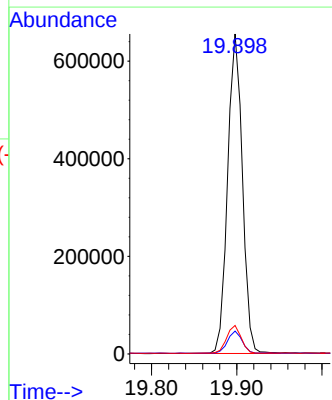
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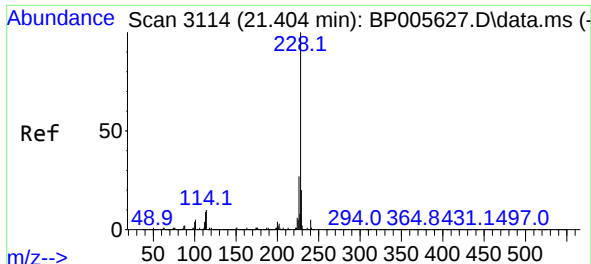
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#79
Terphenyl-d14
Concen: 10.79 ng
RT: 19.898 min Scan# 2858
Delta R.T. -0.000 min
Lab File: BP005677.D
Acq: 02 Jun 2021 21:46

Tgt Ion:244 Resp: 787111
Ion Ratio Lower Upper
244 100
212 7.2 5.8 8.6
122 8.9 5.2 7.8#





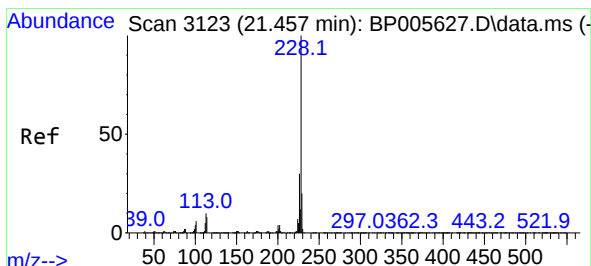
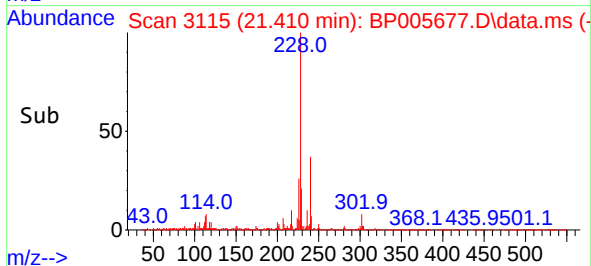
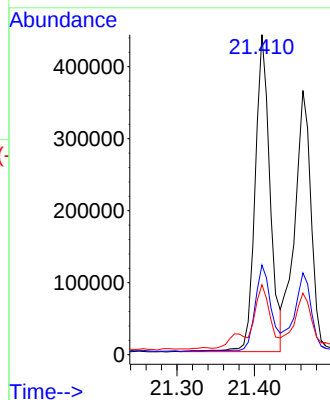
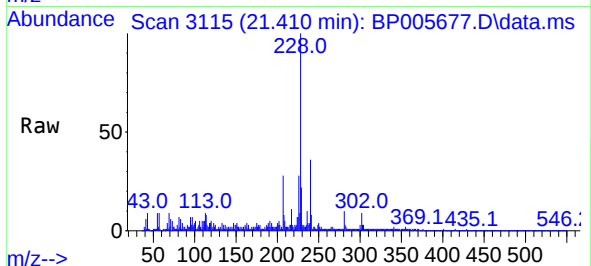
#81
Benzo(a)anthracene
Concen: 5.83 ng
RT: 21.410 min Scan# 3115
Delta R.T. 0.006 min
Lab File: BP005677.D
Acq: 02 Jun 2021 21:46

Tgt Ion:228 Resp: 585544
Ion Ratio Lower Upper
228 100
226 28.0 21.2 31.8
229 21.9 15.6 23.4

Instrument :
BNA_P
ClientSampleId :
18-B3(0-2)

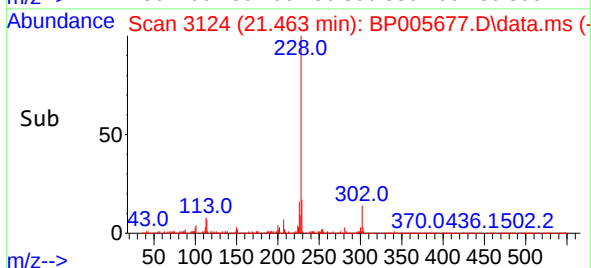
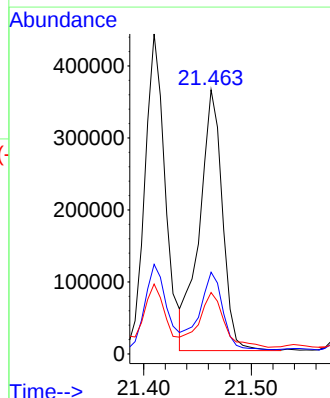
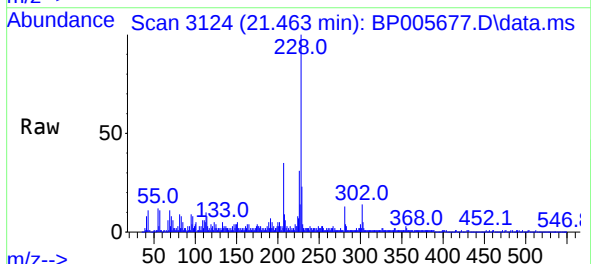
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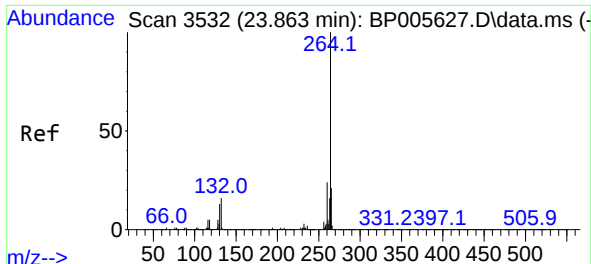
mohammad
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#83
Chrysene
Concen: 5.52 ng m
RT: 21.463 min Scan# 3124
Delta R.T. 0.006 min
Lab File: BP005677.D
Acq: 02 Jun 2021 21:46

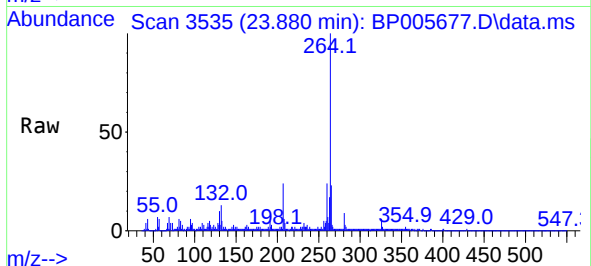
Tgt Ion:228 Resp: 537021
Ion Ratio Lower Upper
228 100
226 31.0 24.8 37.2
229 23.3 15.4 23.0#





#86
Perylene-d12
Concen: 20.00 ng
RT: 23.880 min Scan# 3535
Delta R.T. 0.017 min
Lab File: BP005677.D
Acq: 02 Jun 2021 21:46

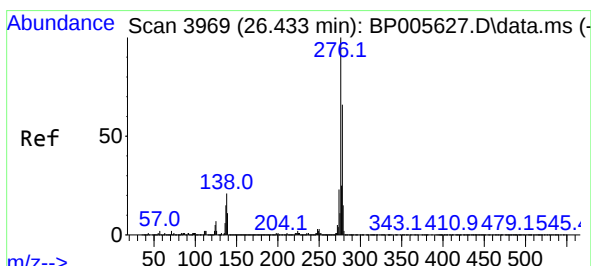
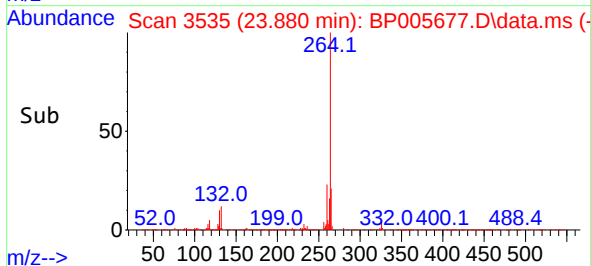
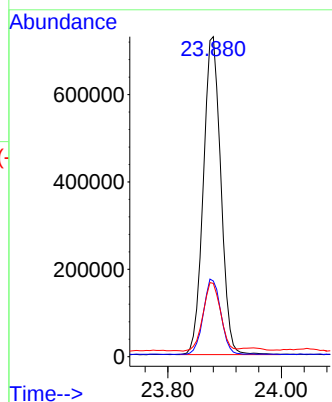
Instrument :
BNA_P
ClientSampleId :
18-B3(0-2)



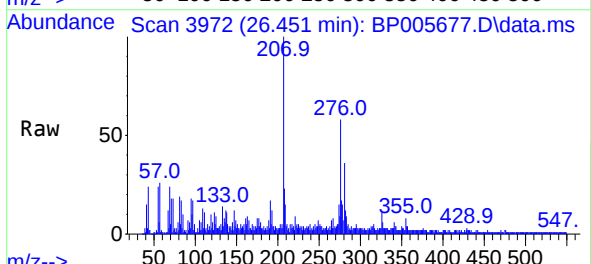
Tgt Ion:264 Resp: 1551502
Ion Ratio Lower Upper
264 100
260 23.7 20.6 30.8
265 22.9 19.0 28.6

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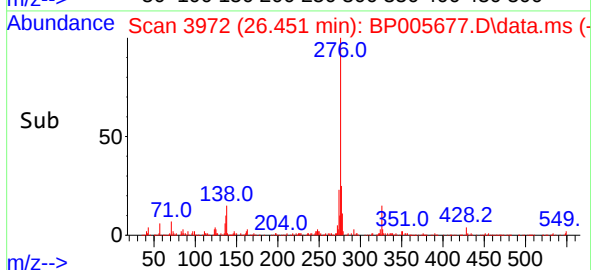
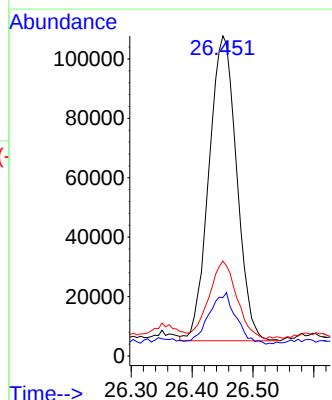
mohammad
6/3/2021 11:08:35 AM

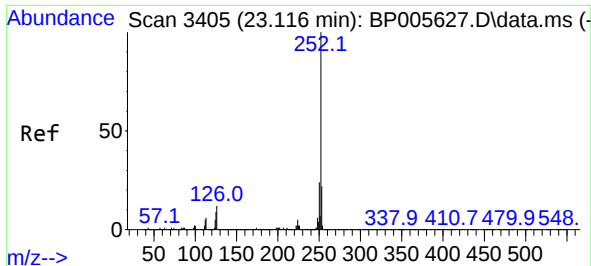


#87
Indeno(1,2,3-cd)pyrene
Concen: 2.47 ng
RT: 26.451 min Scan# 3972
Delta R.T. 0.017 min
Lab File: BP005677.D
Acq: 02 Jun 2021 21:46



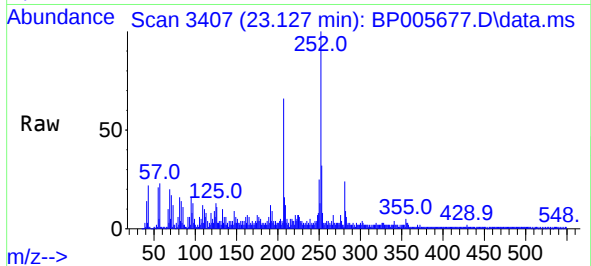
Tgt Ion:276 Resp: 325436
Ion Ratio Lower Upper
276 100
138 16.7 8.4 12.6#
277 25.6 20.6 31.0





#88
Benzo(b)fluoranthene
Concen: 5.47 ng m
RT: 23.127 min Scan# 3407
Delta R.T. 0.011 min
Lab File: BP005677.D
Acq: 02 Jun 2021 21:46

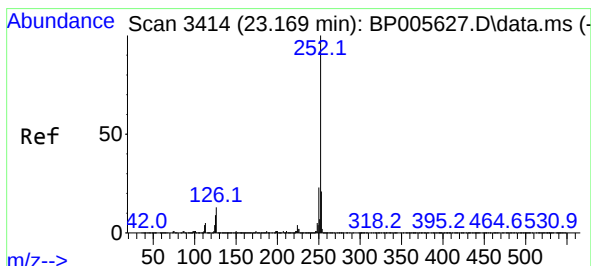
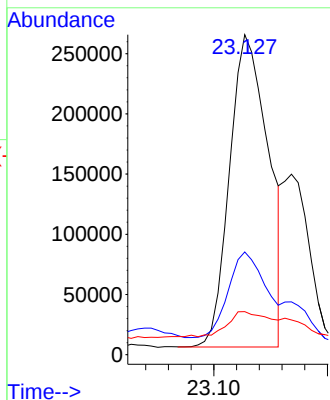
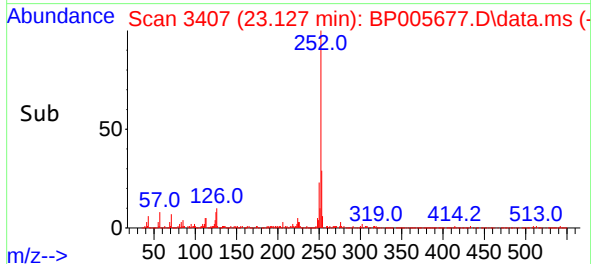
Instrument :
BNA_P
ClientSampleId :
18-B3(0-2)



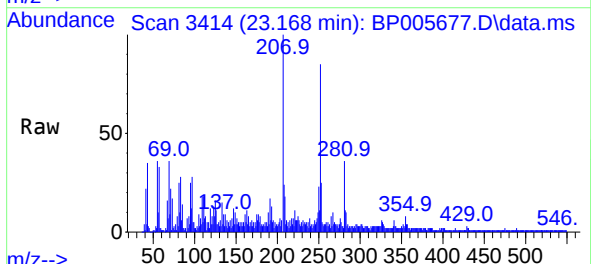
Tgt Ion:252 Resp: 615879
Ion Ratio Lower Upper
252 100
253 32.1 18.2 27.2#
125 13.4 3.4 5.0#

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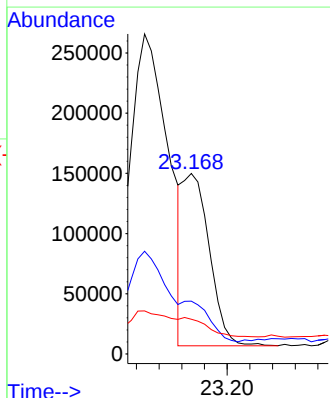
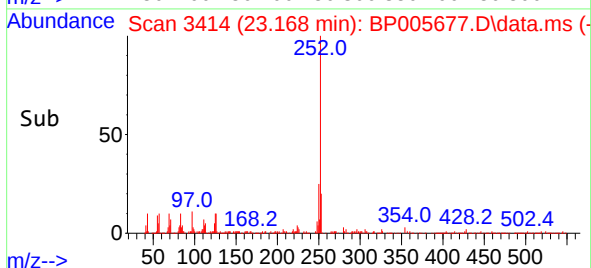
mohammad
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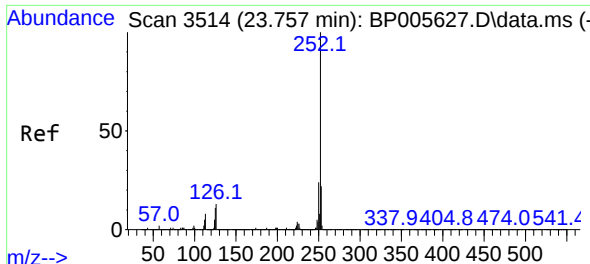


#89
Benzo(k)fluoranthene
Concen: 2.19 ng m
RT: 23.168 min Scan# 3414
Delta R.T. -0.000 min
Lab File: BP005677.D
Acq: 02 Jun 2021 21:46



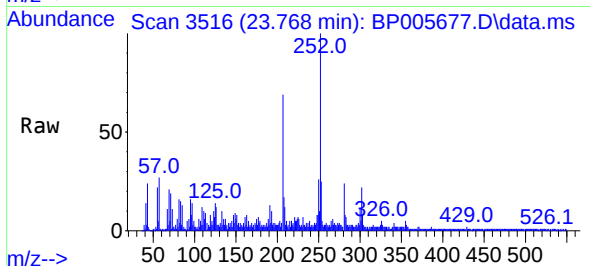
Tgt Ion:252 Resp: 233389
Ion Ratio Lower Upper
252 100
253 29.3 17.2 25.8#
125 19.3 3.8 5.6#





#90
Benzo(a)pyrene
Concen: 4.96 ng
RT: 23.768 min Scan# 3516
Delta R.T. 0.011 min
Lab File: BP005677.D
Acq: 02 Jun 2021 21:46

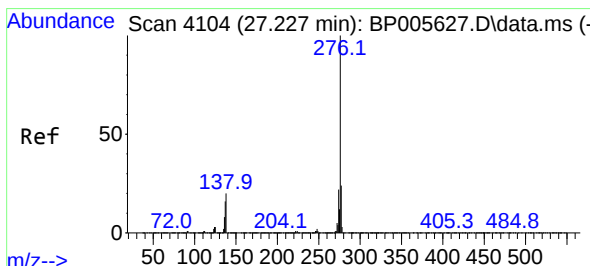
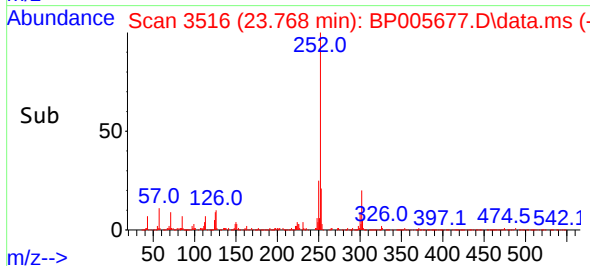
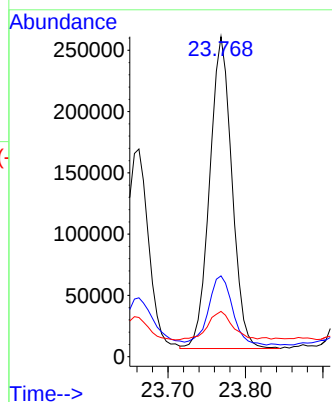
Instrument :
BNA_P
ClientSampleId :
18-B3(0-2)



Tgt Ion:252 Resp: 507899
Ion Ratio Lower Upper
252 100
253 25.3 17.1 25.7
125 14.2 3.8 5.6#

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#92
Benzo(g,h,i)perylene
Concen: 3.00 ng
RT: 27.245 min Scan# 4107
Delta R.T. 0.017 min
Lab File: BP005677.D
Acq: 02 Jun 2021 21:46

Tgt Ion:276 Resp: 331117
Ion Ratio Lower Upper
276 100
277 28.0 19.8 29.8
138 19.2 7.7 11.5#

