

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060321\
 Data File : BP005697.D
 Acq On : 03 Jun 2021 20:56
 Operator : CG/JU
 Sample : M2580-14 2X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 18-B5(2-4)

Manual Integrations
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Quant Time: Jun 04 01:04:55 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	7.981	152	204377	20.00	ng	-0.01
21) Naphthalene-d8	10.793	136	796036	20.00	ng	# 0.00
39) Acenaphthene-d10	14.604	164	485351	20.00	ng	0.00
64) Phenanthrene-d10	17.351	188	1015344	20.00	ng	# 0.00
76) Chrysene-d12	21.422	240	1048302	20.00	ng	# 0.00
86) Perylene-d12	23.863	264	1179251	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.546	112	469988	35.75	ng	0.00
7) Phenol-d6	7.146	99	588083	32.82	ng	0.00
23) Nitrobenzene-d5	9.146	82	371901	25.98	ng	0.00
42) 2,4,6-Tribromophenol	16.093	330	266208	42.77	ng	0.00
45) 2-Fluorobiphenyl	13.234	172	857109	23.37	ng	0.00
79) Terphenyl-d14	19.892	244	1296005	23.20	ng	0.00
Target Compounds						Qvalue
50) Dimethylphthalate	14.057	163	97079	2.51	ng	99
52) Acenaphthene	14.669	154	95885	2.95	ng	96
58) Fluorene	15.651	166	121461	3.05	ng	97
71) Phenanthrene	17.392	178	2267860	35.85	ng	99
72) Anthracene	17.487	178	634403	10.16	ng	99
73) Carbazole	17.751	167	155097	2.52	ng	100
75) Fluoranthene	19.351	202	3393113	44.69	ng	96
78) Pyrene	19.704	202	3199820	43.26	ng	98
80) Butylbenzylphthalate	20.563	149	13973	4.56	ng	91
81) Benzo(a)anthracene	21.404	228	1866806	24.27	ng	96
83) Chrysene	21.457	228	1594848	21.41	ng	97
84) Bis(2-ethylhexyl)phtha...	21.322	149	116059	2.78	ng	97
87) Indeno(1,2,3-cd)pyrene	26.427	276	1148982	11.45	ng	# 93
88) Benzo(b)fluoranthene	23.116	252	2237224m	26.15	ng	
89) Benzo(k)fluoranthene	23.157	252	633295m	7.81	ng	
90) Benzo(a)pyrene	23.751	252	1660304	21.33	ng	# 93
91) Dibenzo(a,h)anthracene	26.439	278	312031	3.58	ng	# 84
92) Benzo(g,h,i)perylene	27.227	276	1120175	13.34	ng	# 92

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

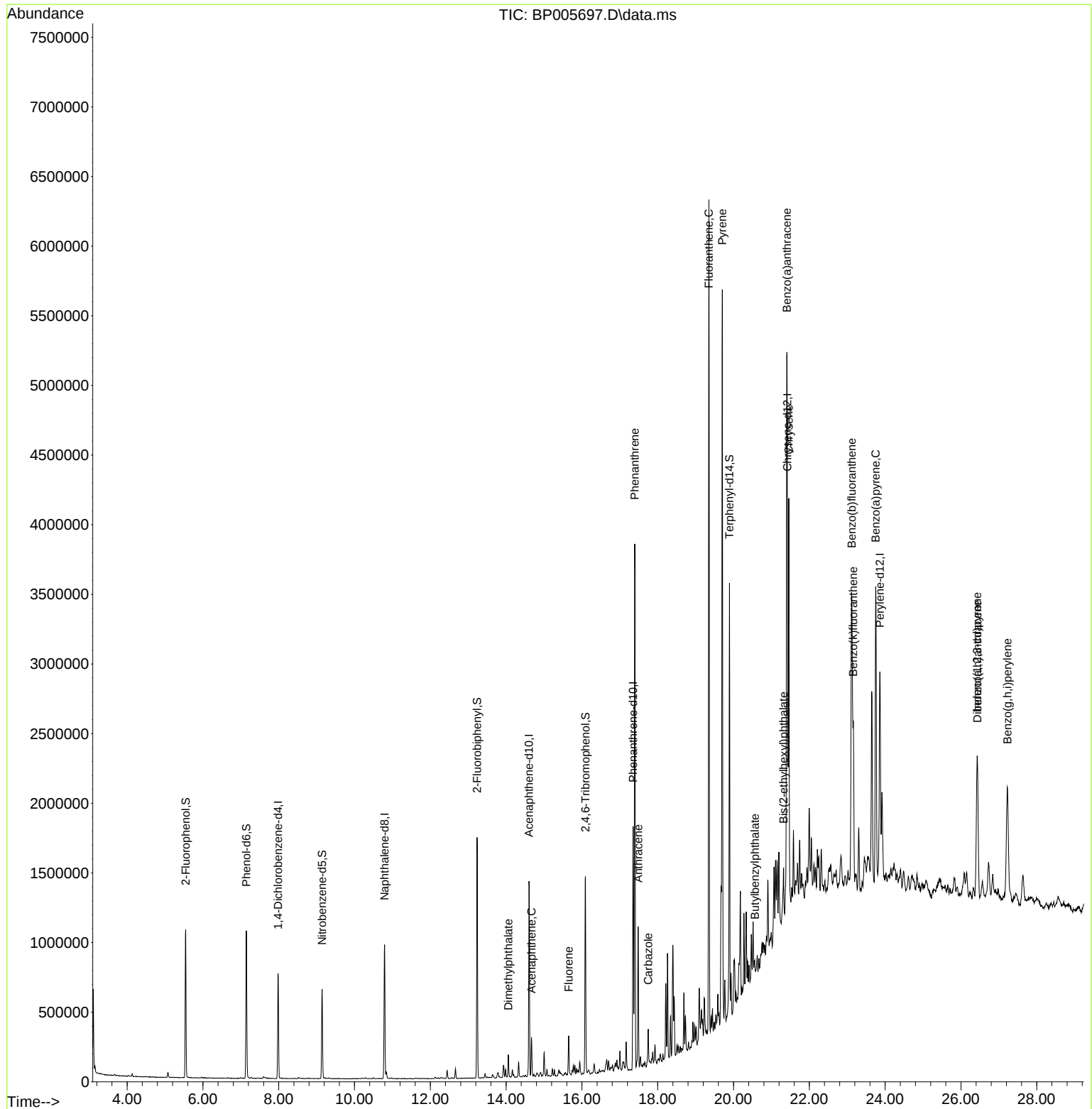
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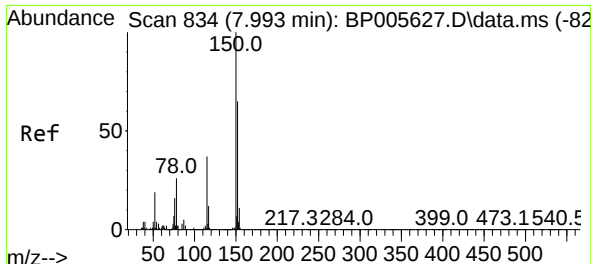
Instrument :
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18-B5(2-4)

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Quant Time: Jun 04 01:04:55 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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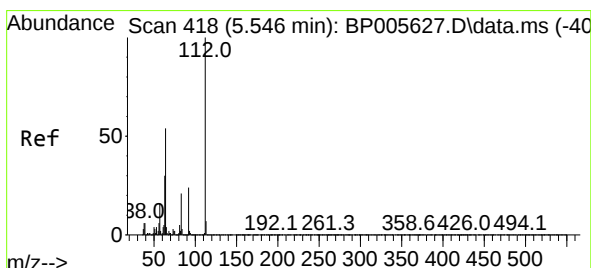
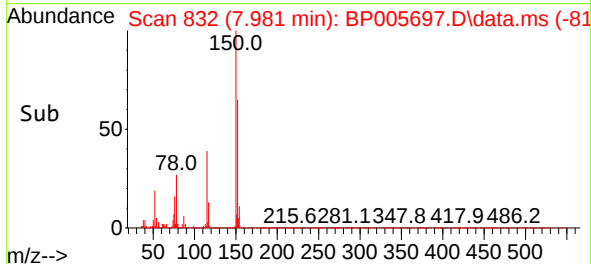
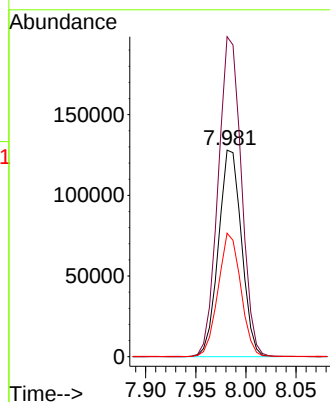
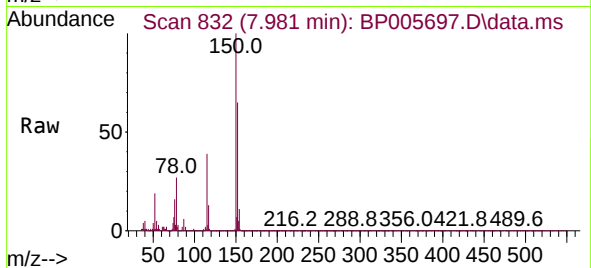
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.981 min Scan# 832
Delta R.T. -0.012 min
Lab File: BP005697.D
Acq: 03 Jun 2021 20:56

Tgt Ion:152 Resp: 204377
Ion Ratio Lower Upper
152 100
150 154.9 119.8 179.8
115 59.8 49.0 73.4

Instrument :
BNA_P
ClientSampleId :
18-B5(2-4)

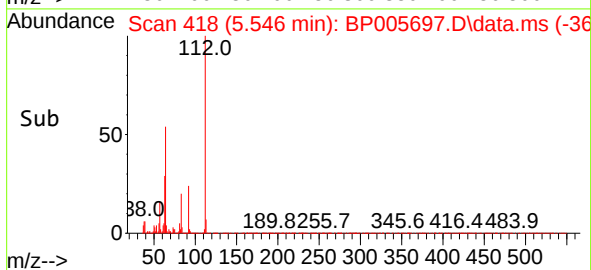
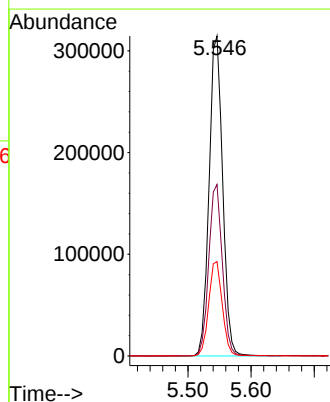
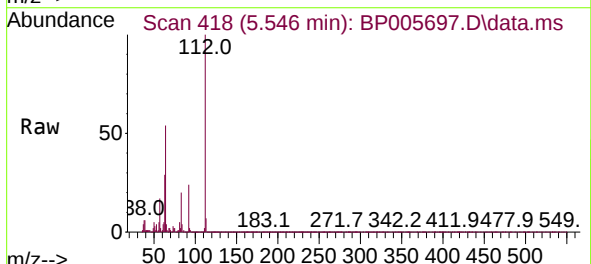
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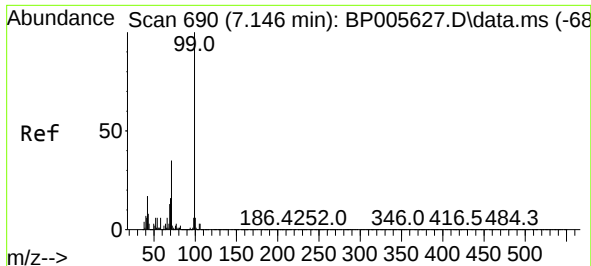
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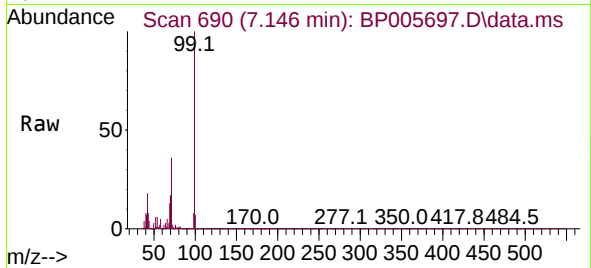
#5
2-Fluorophenol
Concen: 35.75 ng
RT: 5.546 min Scan# 418
Delta R.T. 0.000 min
Lab File: BP005697.D
Acq: 03 Jun 2021 20:56

Tgt Ion:112 Resp: 469988
Ion Ratio Lower Upper
112 100
64 53.6 33.6 50.4#
63 29.5 18.6 27.8#

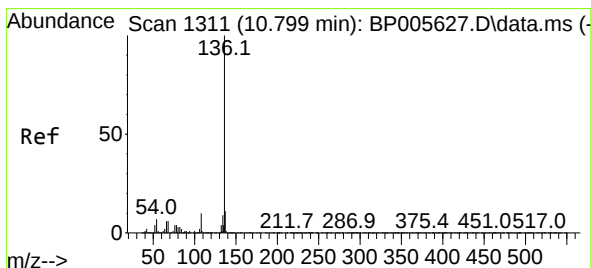
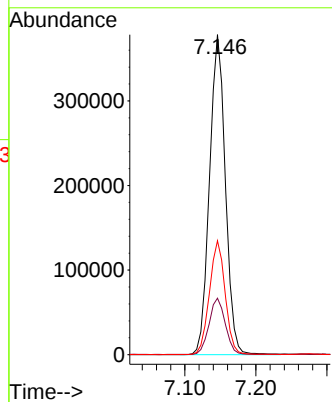
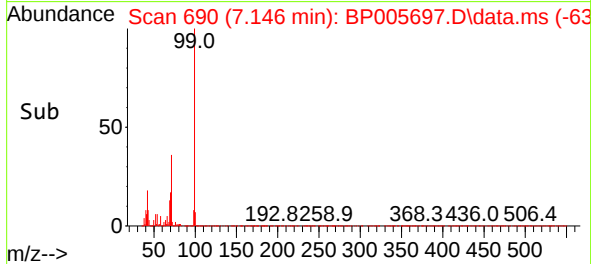




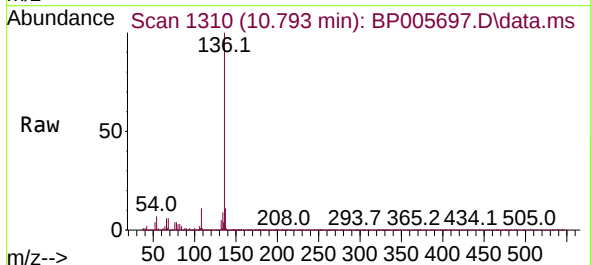
#7
Phenol-d6
Concen: 32.82 ng
RT: 7.146 min Scan# 690
Delta R.T. 0.000 min
Lab File: BP005697.D
Acq: 03 Jun 2021 20:56



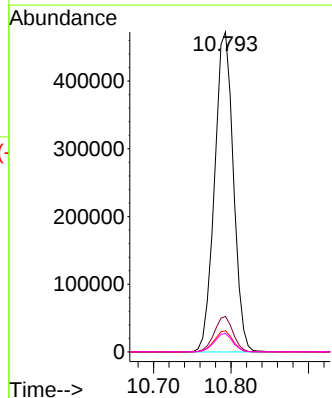
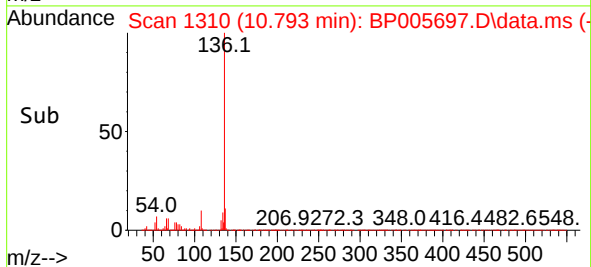
Tgt Ion: 99 Resp: 588083
Ion Ratio Lower Upper
99 100
42 17.6 12.9 19.3
71 35.6 26.7 40.1



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.793 min Scan# 1310
Delta R.T. -0.006 min
Lab File: BP005697.D
Acq: 03 Jun 2021 20:56



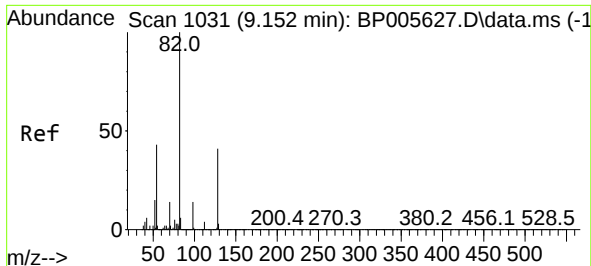
Tgt Ion: 136 Resp: 796036
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 6.6 5.0 7.4
68 5.8 3.7 5.5#



Instrument :
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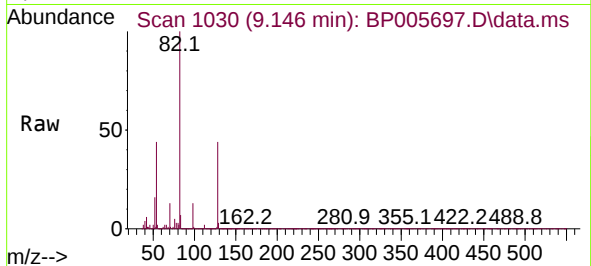
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#23
Nitrobenzene-d5
Concen: 25.98 ng
RT: 9.146 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BP005697.D
Acq: 03 Jun 2021 20:56

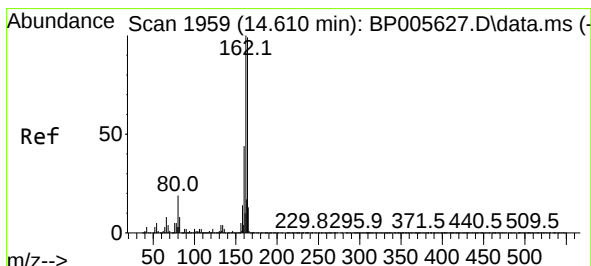
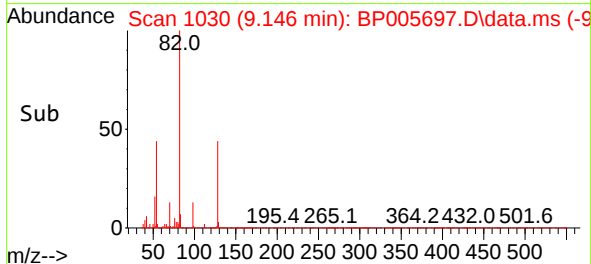
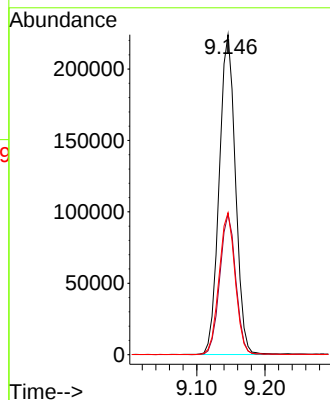
Instrument :
BNA_P
ClientSampled :
18-B5(2-4)



Tgt Ion: 82 Resp: 371901
Ion Ratio Lower Upper
82 100
128 44.0 30.5 45.7
54 44.4 33.9 50.9

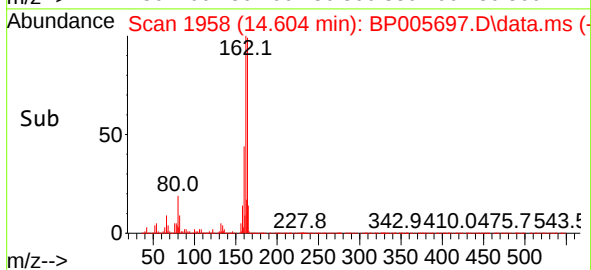
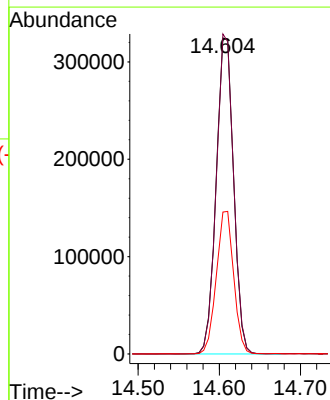
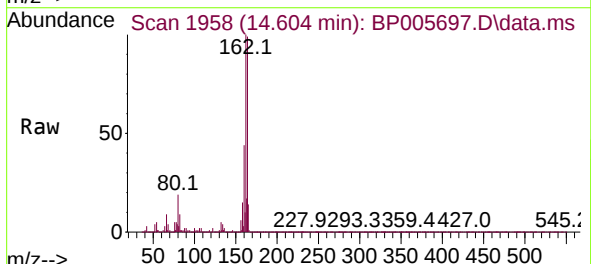
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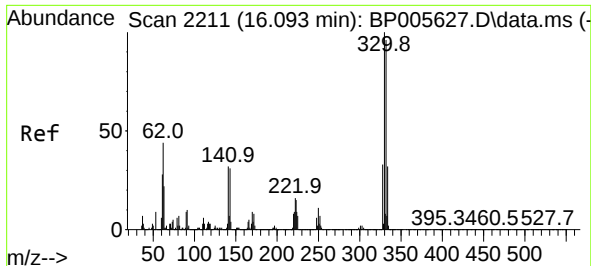
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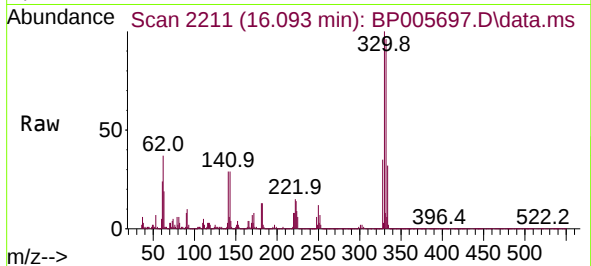
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.604 min Scan# 1958
Delta R.T. -0.006 min
Lab File: BP005697.D
Acq: 03 Jun 2021 20:56

Tgt Ion: 164 Resp: 485351
Ion Ratio Lower Upper
164 100
162 101.2 73.5 110.3
160 44.9 40.6 61.0

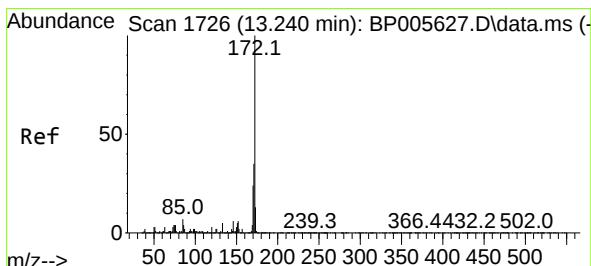
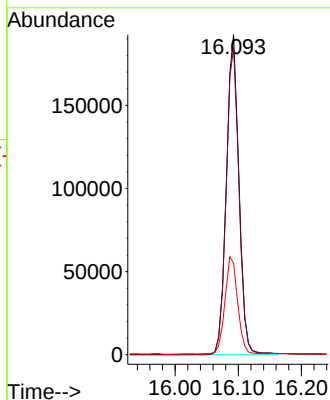
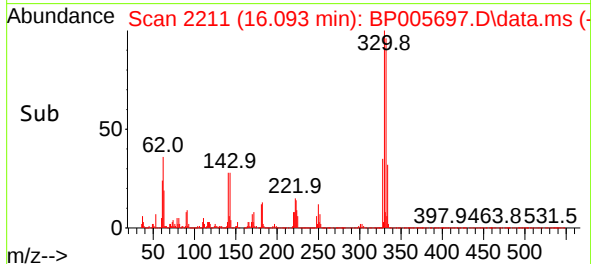




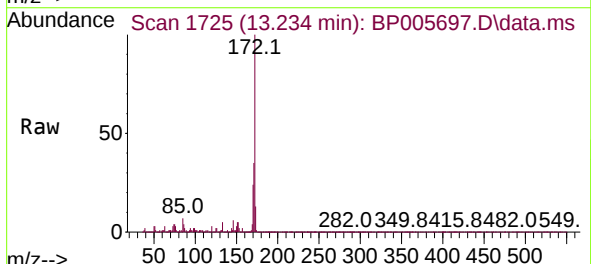
#42
2,4,6-Tribromophenol
Concen: 42.77 ng
RT: 16.093 min Scan# 2211
Delta R.T. 0.000 min
Lab File: BP005697.D
Acq: 03 Jun 2021 20:56



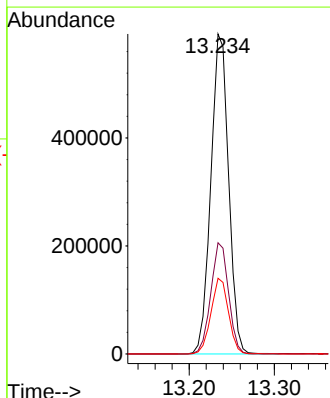
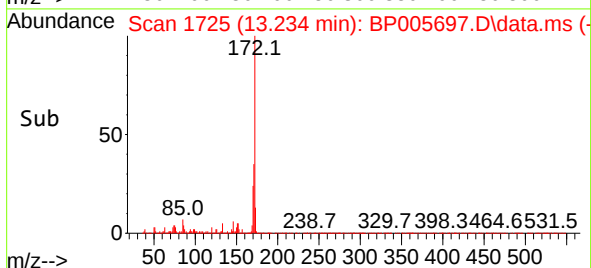
Tgt Ion: 330 Resp: 266208
Ion Ratio Lower Upper
330 100
332 97.6 76.3 114.5
141 30.7 22.8 34.2



#45
2-Fluorobiphenyl
Concen: 23.37 ng
RT: 13.234 min Scan# 1725
Delta R.T. -0.006 min
Lab File: BP005697.D
Acq: 03 Jun 2021 20:56



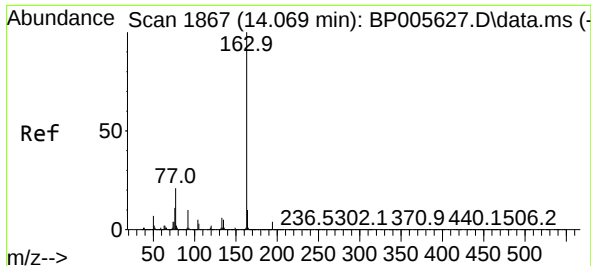
Tgt Ion: 172 Resp: 857109
Ion Ratio Lower Upper
172 100
171 34.8 28.1 42.1
170 23.6 19.6 29.4



Instrument :
BNA_P
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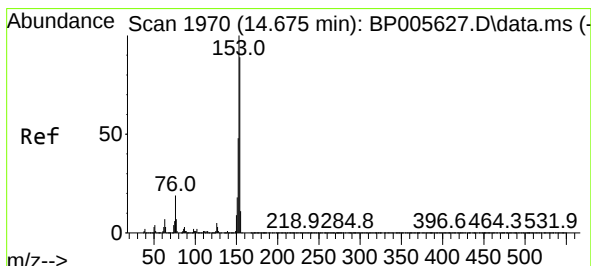
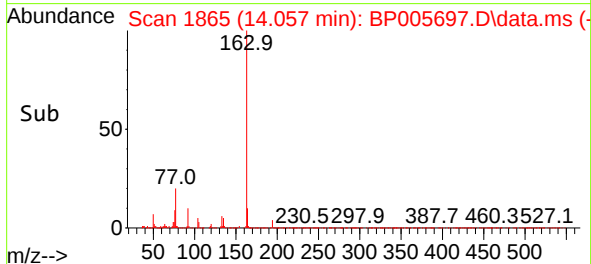
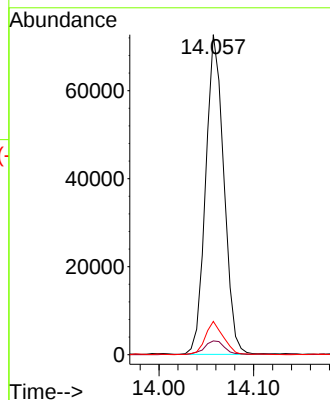
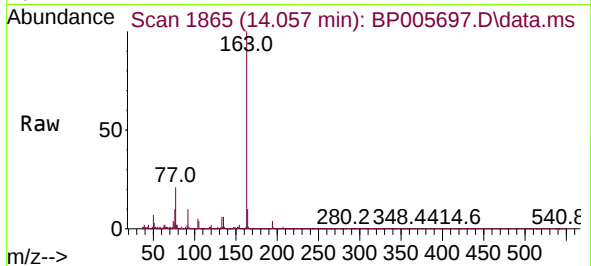
#50
Dimethylphthalate
Concen: 2.51 ng
RT: 14.057 min Scan# 1865
Delta R.T. -0.012 min
Lab File: BP005697.D
Acq: 03 Jun 2021 20:56

Tgt Ion:163 Resp: 97079
Ion Ratio Lower Upper
163 100
194 4.3 3.9 5.9
164 10.4 8.1 12.1

Instrument :
BNA_P
ClientSampleId :
18-B5(2-4)

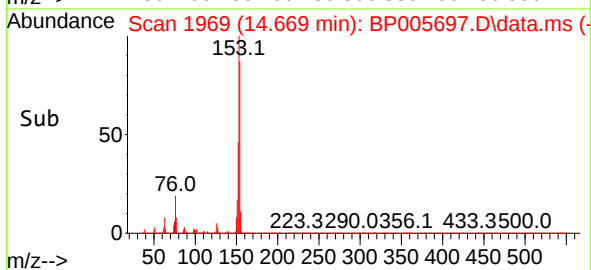
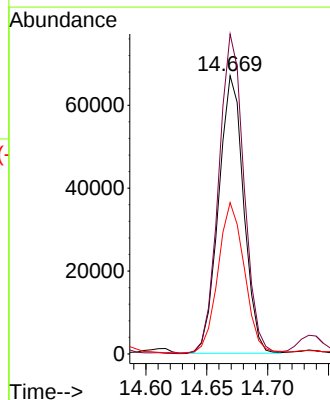
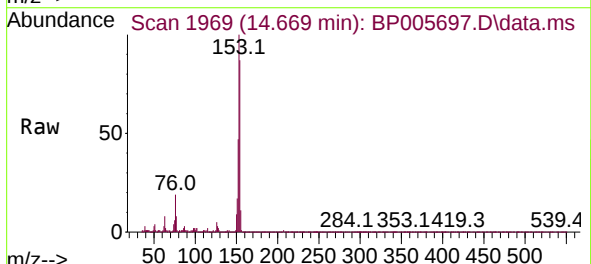
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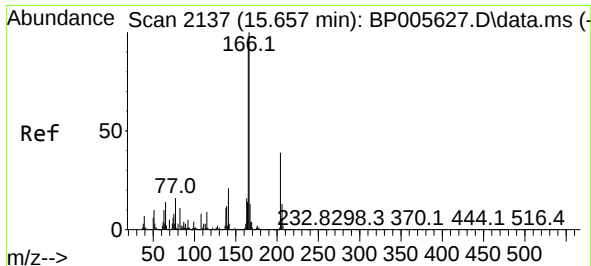
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#52
Acenaphthene
Concen: 2.95 ng
RT: 14.669 min Scan# 1969
Delta R.T. -0.006 min
Lab File: BP005697.D
Acq: 03 Jun 2021 20:56

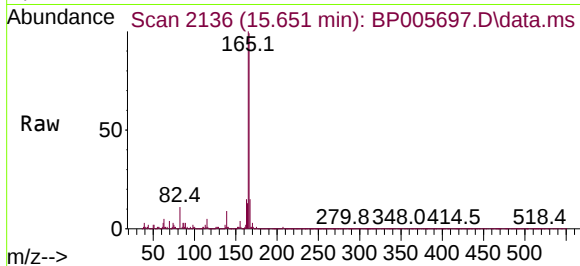
Tgt Ion:154 Resp: 95885
Ion Ratio Lower Upper
154 100
153 115.0 90.9 136.3
152 54.4 48.5 72.7





#58
Fluorene
Concen: 3.05 ng
RT: 15.651 min Scan# 2136
Delta R.T. -0.006 min
Lab File: BP005697.D
Acq: 03 Jun 2021 20:56

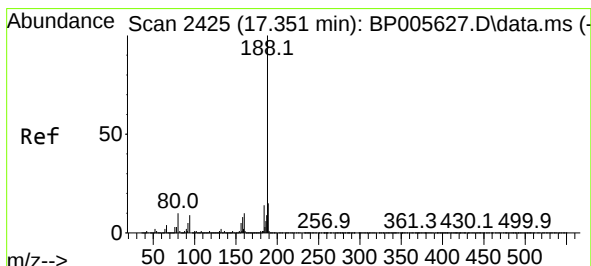
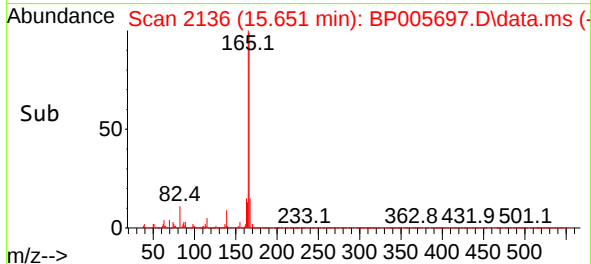
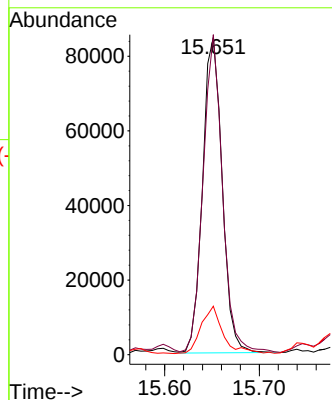
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Tgt Ion:166 Resp: 121461
Ion Ratio Lower Upper
166 100
165 100.9 78.8 118.2
167 15.3 10.9 16.3

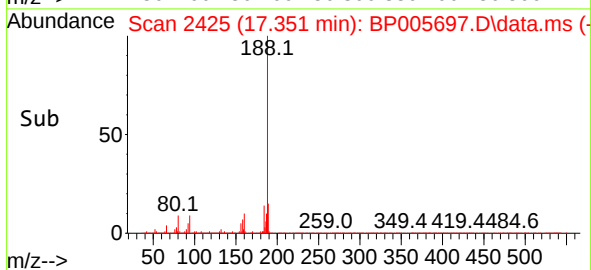
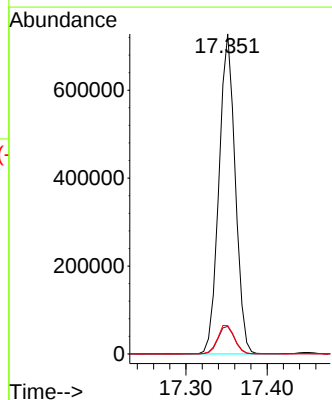
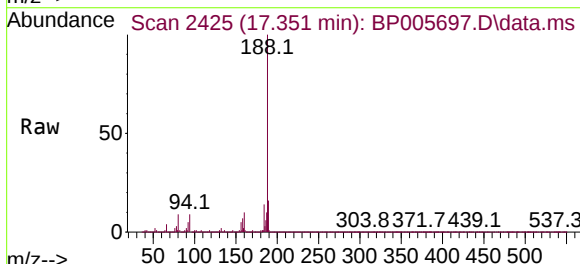
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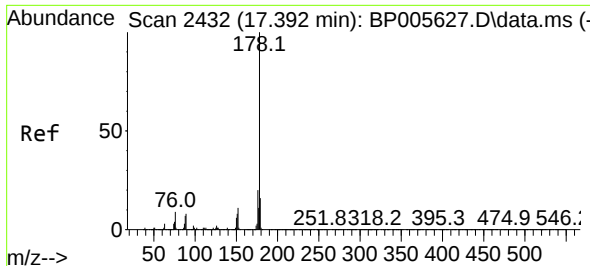
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#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.351 min Scan# 2425
Delta R.T. 0.000 min
Lab File: BP005697.D
Acq: 03 Jun 2021 20:56

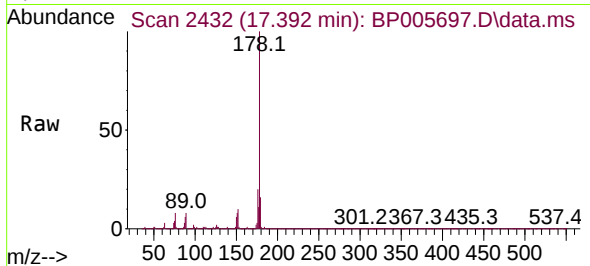
Tgt Ion:188 Resp: 1015344
Ion Ratio Lower Upper
188 100
94 8.6 5.0 7.6#
80 8.8 5.9 8.9





#71
Phenanthrene
Concen: 35.85 ng
RT: 17.392 min Scan# 2432
Delta R.T. 0.000 min
Lab File: BP005697.D
Acq: 03 Jun 2021 20:56

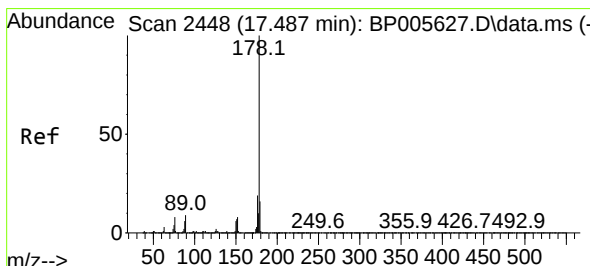
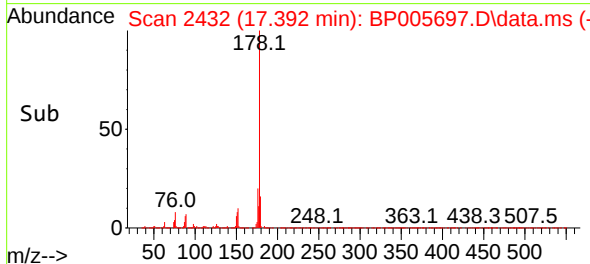
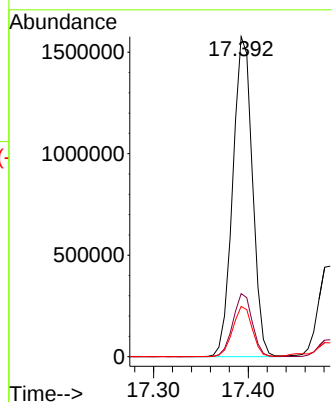
Instrument :
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Tgt Ion:178 Resp: 2267860
Ion Ratio Lower Upper
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176 19.7 15.4 23.2
179 15.7 12.3 18.5

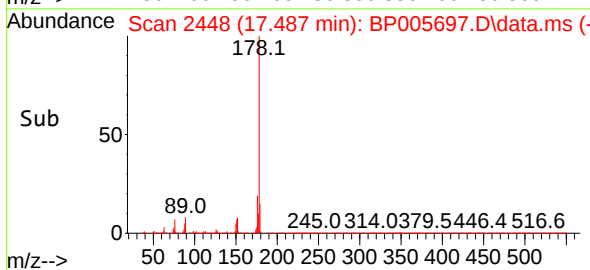
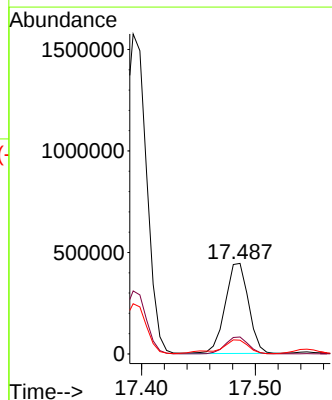
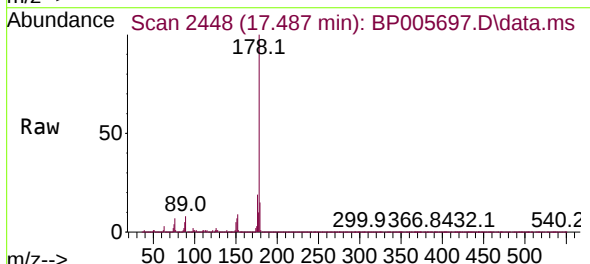
Manual Integrations
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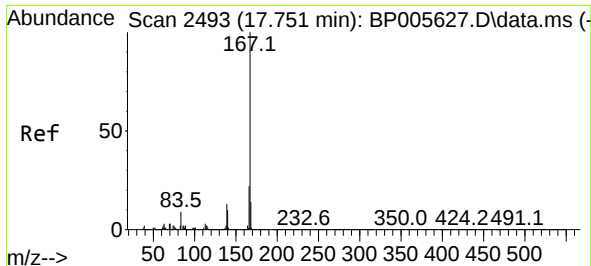
mohammad
6/4/2021 9:34:53 AM



#72
Anthracene
Concen: 10.16 ng
RT: 17.487 min Scan# 2448
Delta R.T. 0.000 min
Lab File: BP005697.D
Acq: 03 Jun 2021 20:56

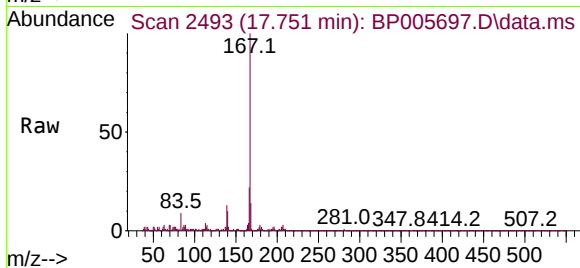
Tgt Ion:178 Resp: 634403
Ion Ratio Lower Upper
178 100
176 18.7 15.2 22.8
179 15.2 12.6 19.0





#73
 Carbazole
 Concen: 2.52 ng
 RT: 17.751 min Scan# 2493
 Delta R.T. 0.000 min
 Lab File: BP005697.D
 Acq: 03 Jun 2021 20:56

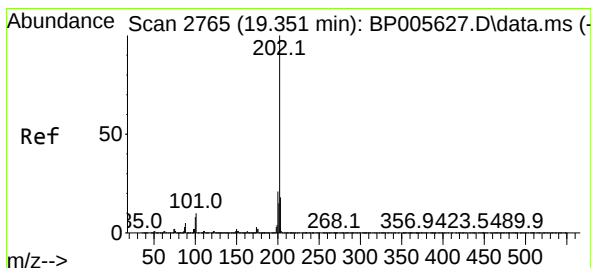
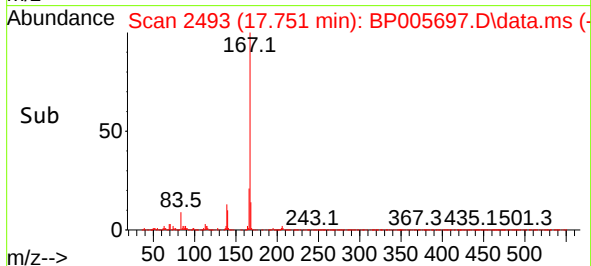
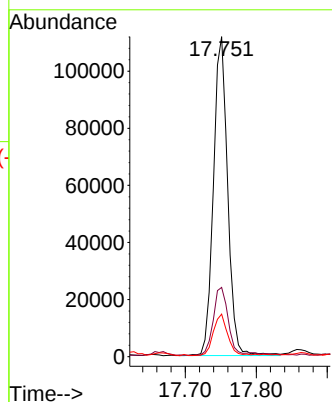
Instrument :
 BNA_P
 ClientSampleId :
 18-B5(2-4)



Tgt Ion:167 Resp: 155097
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.4 26.0
 139 13.3 10.4 15.6

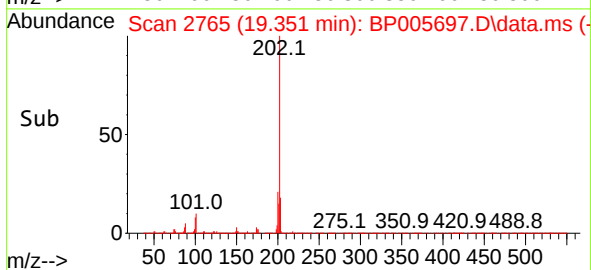
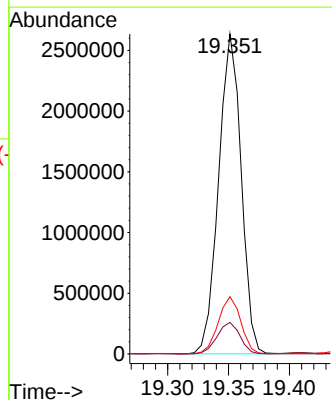
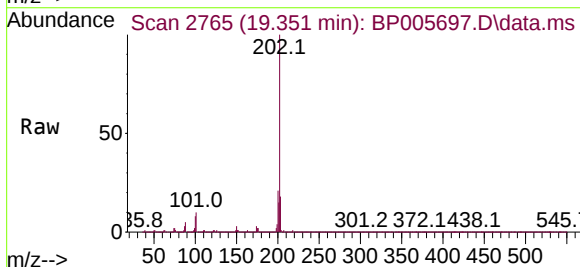
Manual Integrations
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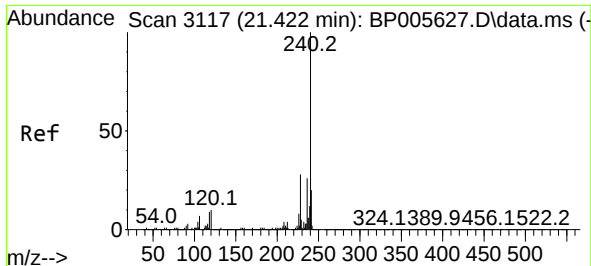
mohammad
 6/4/2021 9:34:53 AM



#75
 Fluoranthene
 Concen: 44.69 ng
 RT: 19.351 min Scan# 2765
 Delta R.T. 0.000 min
 Lab File: BP005697.D
 Acq: 03 Jun 2021 20:56

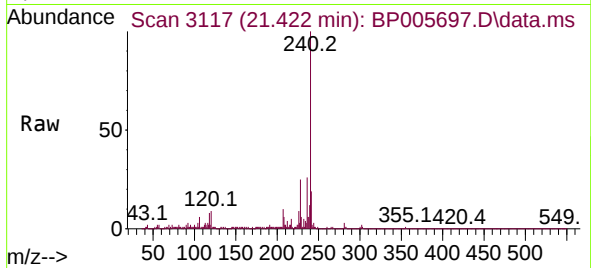
Tgt Ion:202 Resp: 3393113
 Ion Ratio Lower Upper
 202 100
 101 9.9 0.0 26.1
 203 17.9 0.0 37.2





#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.422 min Scan# 3117
Delta R.T. -0.000 min
Lab File: BP005697.D
Acq: 03 Jun 2021 20:56

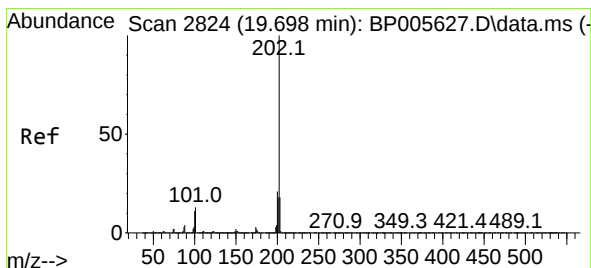
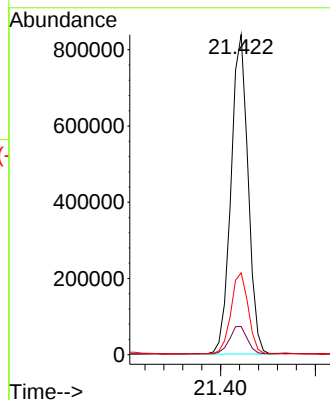
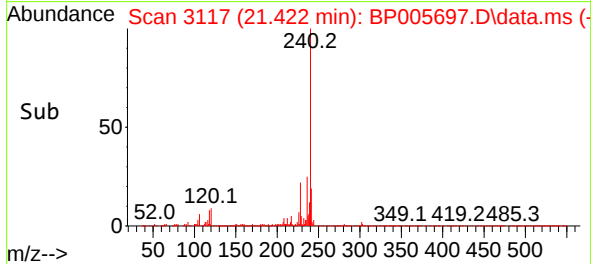
Instrument :
BNA_P
ClientSampled :
18-B5(2-4)



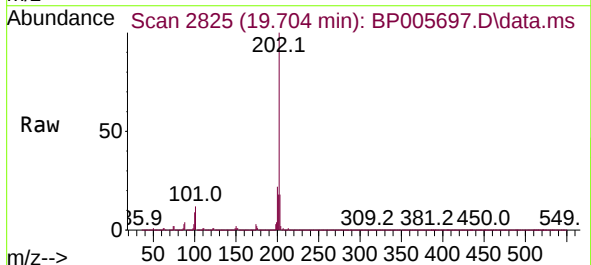
Tgt Ion:240 Resp: 1048302
Ion Ratio Lower Upper
240 100
120 8.8 4.2 6.2#
236 25.6 20.2 30.2

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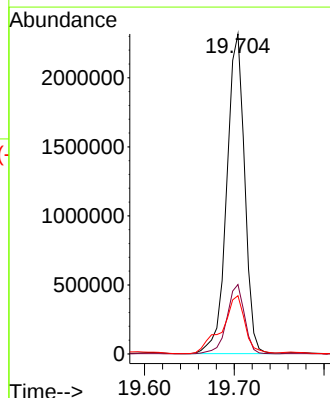
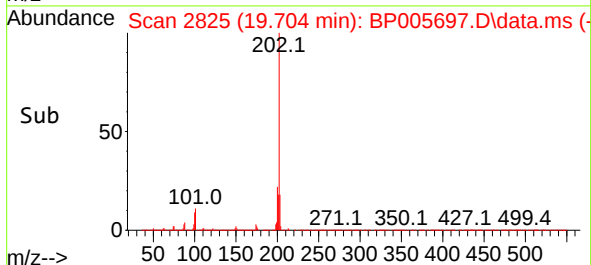
mohammad
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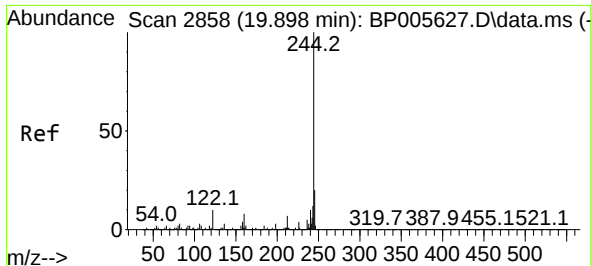


#78
Pyrene
Concen: 43.26 ng
RT: 19.704 min Scan# 2825
Delta R.T. 0.006 min
Lab File: BP005697.D
Acq: 03 Jun 2021 20:56



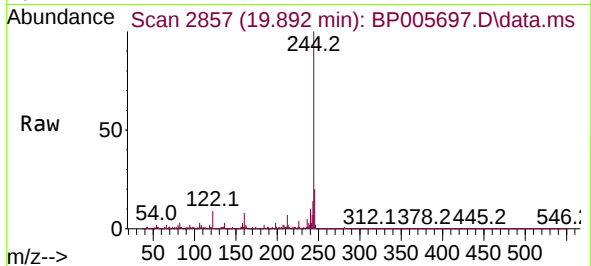
Tgt Ion:202 Resp: 3199820
Ion Ratio Lower Upper
202 100
200 21.7 16.9 25.3
203 18.2 13.8 20.6





#79
Terphenyl-d14
Concen: 23.20 ng
RT: 19.892 min Scan# 2857
Delta R.T. -0.006 min
Lab File: BP005697.D
Acq: 03 Jun 2021 20:56

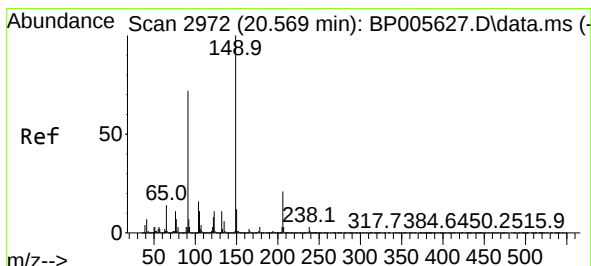
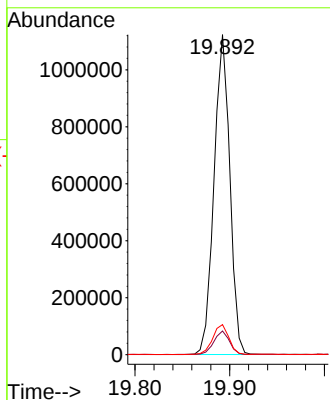
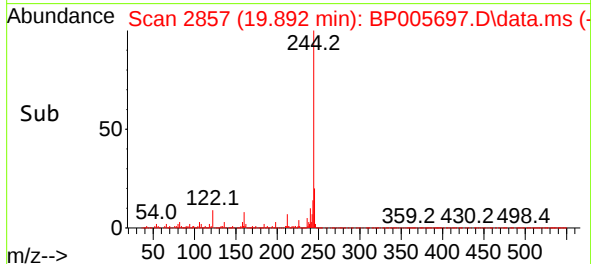
Instrument :
BNA_P
ClientSampleId :
18-B5(2-4)



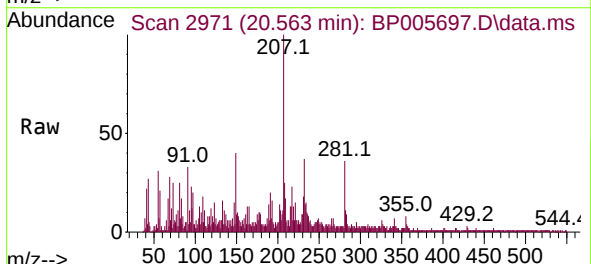
Tgt Ion:244 Resp: 1296005
Ion Ratio Lower Upper
244 100
212 7.4 5.8 8.6
122 9.4 5.2 7.8#

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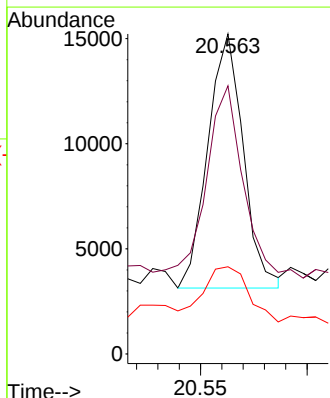
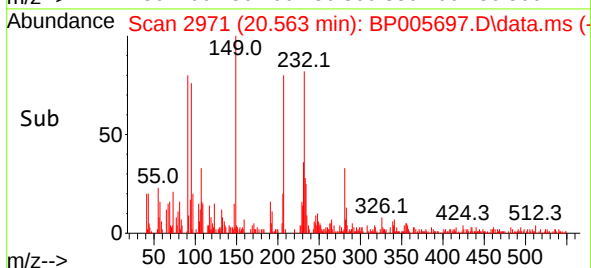
mohammad
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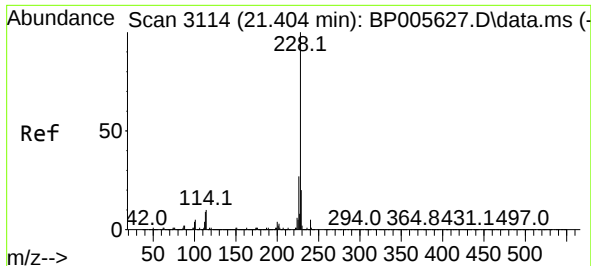


#80
Butylbenzylphthalate
Concen: 4.56 ng
RT: 20.563 min Scan# 2971
Delta R.T. -0.006 min
Lab File: BP005697.D
Acq: 03 Jun 2021 20:56



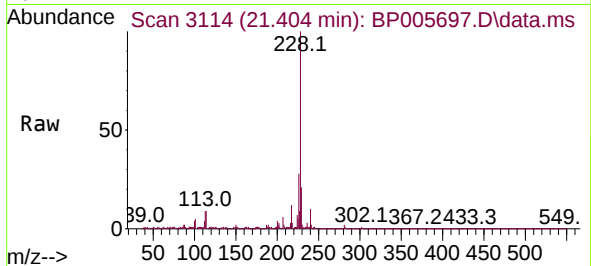
Tgt Ion:149 Resp: 13973
Ion Ratio Lower Upper
149 100
91 83.8 60.2 90.4
206 27.2 23.9 35.9





#81
Benzo(a)anthracene
Concen: 24.27 ng
RT: 21.404 min Scan# 3114
Delta R.T. 0.000 min
Lab File: BP005697.D
Acq: 03 Jun 2021 20:56

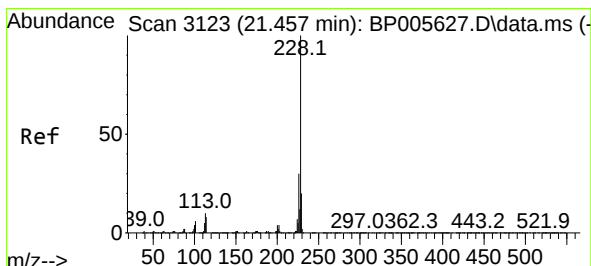
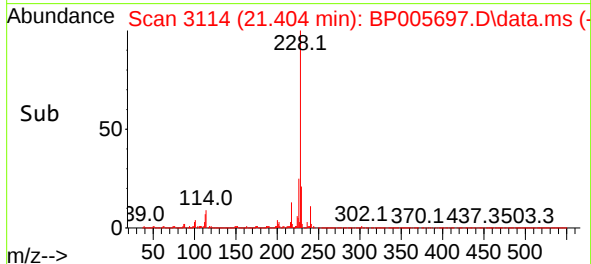
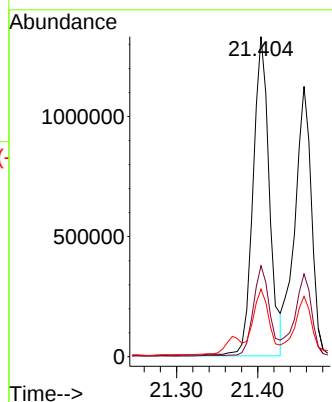
Instrument :
BNA_P
ClientSampled :
18-B5(2-4)



Tgt Ion:228 Resp: 1866806
Ion Ratio Lower Upper
228 100
226 28.4 21.2 31.8
229 21.1 15.6 23.4

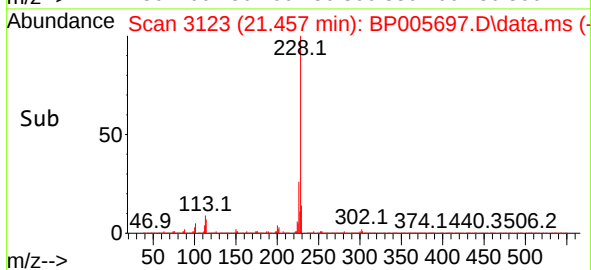
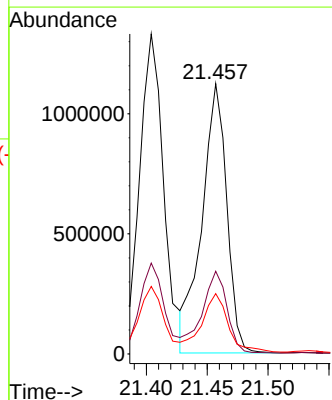
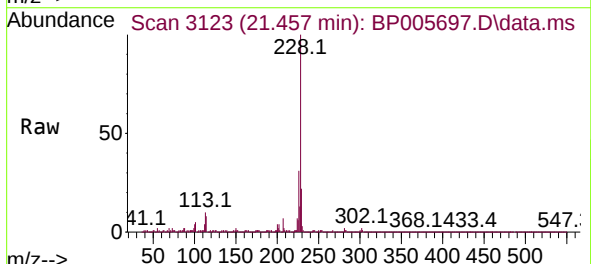
Manual Integrations
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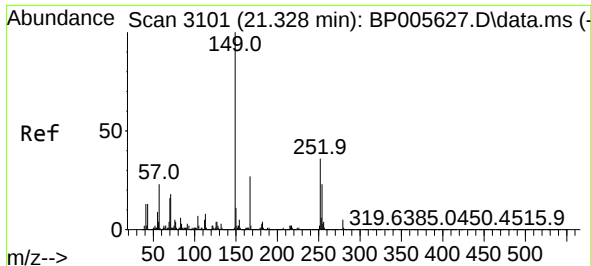
mohammad
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#83
Chrysene
Concen: 21.41 ng
RT: 21.457 min Scan# 3123
Delta R.T. 0.000 min
Lab File: BP005697.D
Acq: 03 Jun 2021 20:56

Tgt Ion:228 Resp: 1594848
Ion Ratio Lower Upper
228 100
226 30.6 24.8 37.2
229 22.3 15.4 23.0





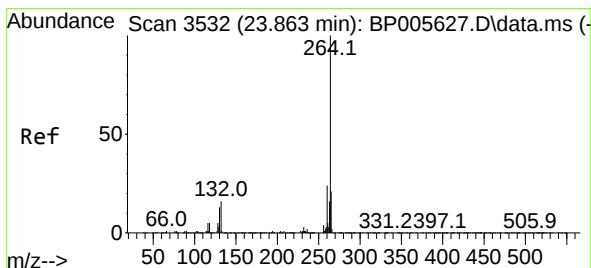
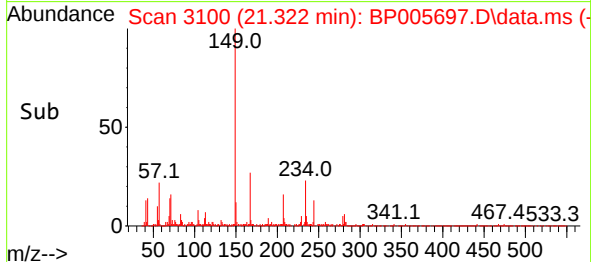
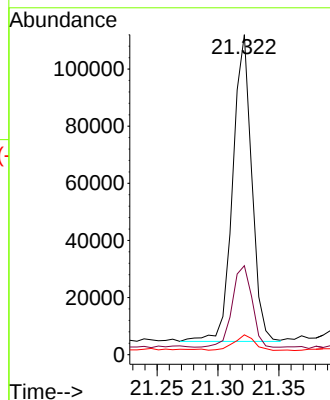
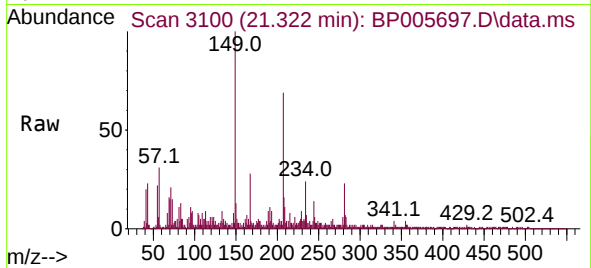
#84
Bis(2-ethylhexyl)phthalate
Concen: 2.78 ng
RT: 21.322 min Scan# 3100
Delta R.T. -0.006 min
Lab File: BP005697.D
Acq: 03 Jun 2021 20:56

Tgt Ion:149 Resp: 116059
Ion Ratio Lower Upper
149 100
167 27.8 23.8 35.8
279 6.2 5.7 8.5

Instrument :
BNA_P
ClientSampled :
18-B5(2-4)

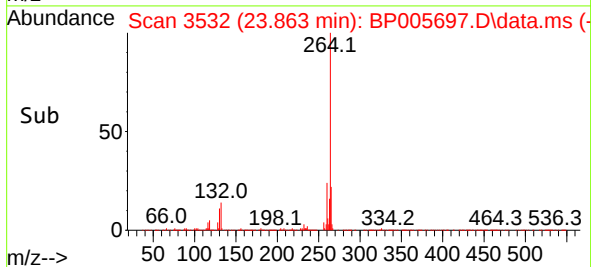
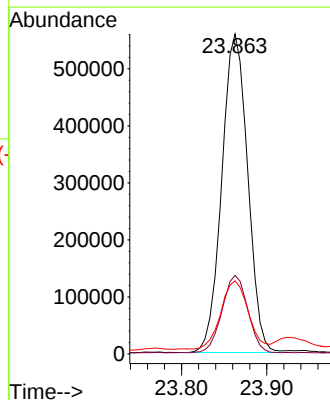
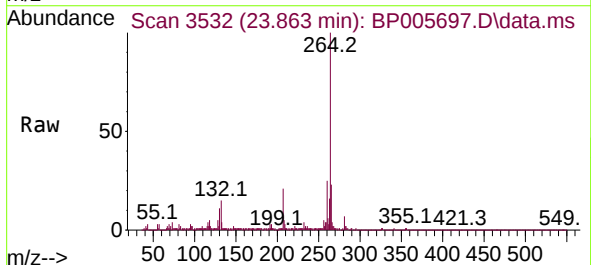
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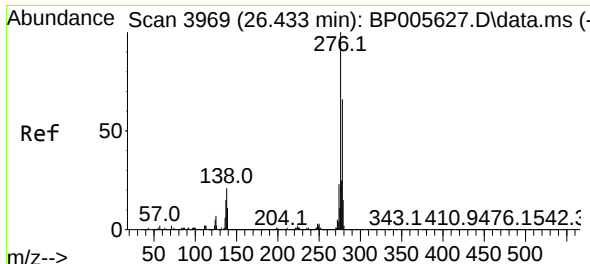
mohammad
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#86
Perylene-d12
Concen: 20.00 ng
RT: 23.863 min Scan# 3532
Delta R.T. 0.000 min
Lab File: BP005697.D
Acq: 03 Jun 2021 20:56

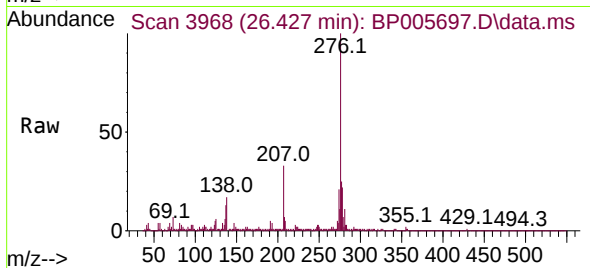
Tgt Ion:264 Resp: 1179251
Ion Ratio Lower Upper
264 100
260 24.5 20.6 30.8
265 22.9 19.0 28.6





#87
Indeno(1,2,3-cd)pyrene
Concen: 11.45 ng
RT: 26.427 min Scan# 3968
Delta R.T. -0.006 min
Lab File: BP005697.D
Acq: 03 Jun 2021 20:56

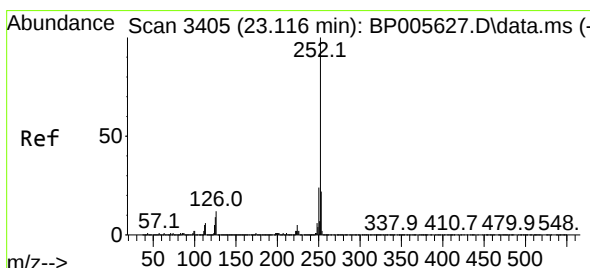
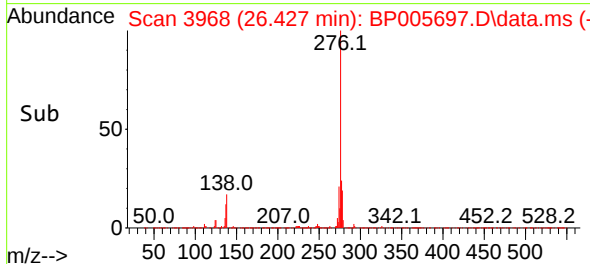
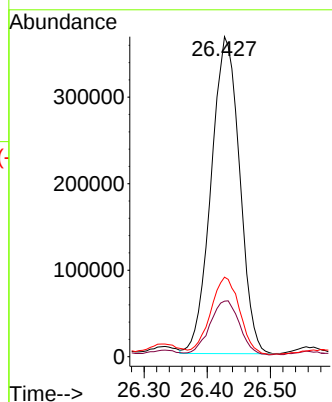
Instrument :
BNA_P
ClientSampleId :
18-B5(2-4)



Tgt Ion: 276 Resp: 1148982
Ion Ratio Lower Upper
276 100
138 17.9 8.4 12.6#
277 24.8 20.6 31.0

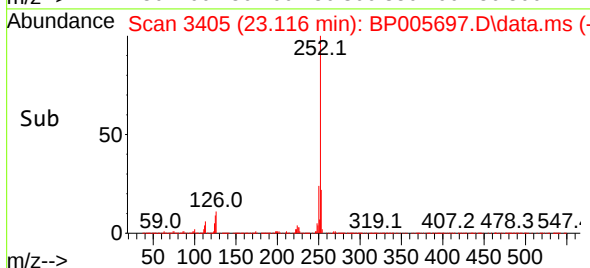
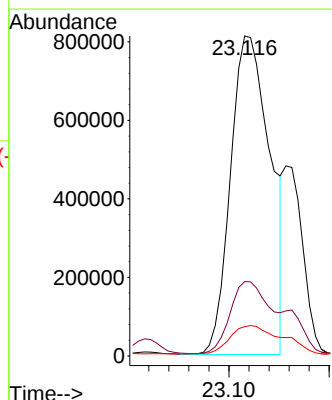
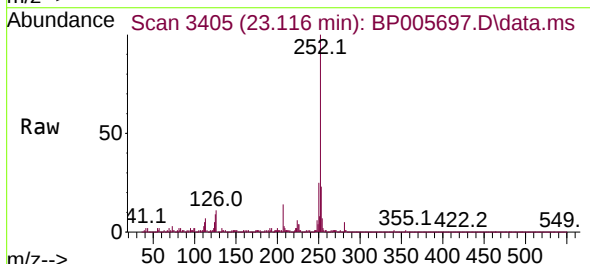
Manual Integrations
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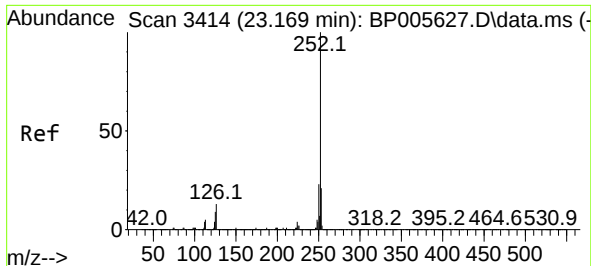
mohammad
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#88
Benzo(b)fluoranthene
Concen: 26.15 ng m
RT: 23.116 min Scan# 3405
Delta R.T. 0.000 min
Lab File: BP005697.D
Acq: 03 Jun 2021 20:56

Tgt Ion: 252 Resp: 2237224
Ion Ratio Lower Upper
252 100
253 23.2 18.2 27.2
125 9.2 3.4 5.0#





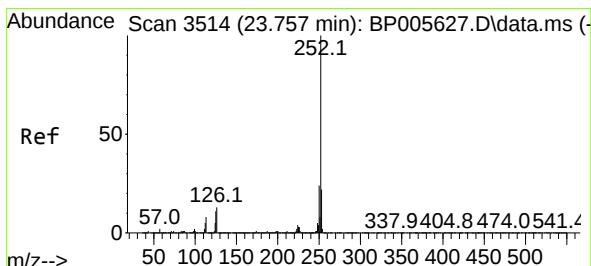
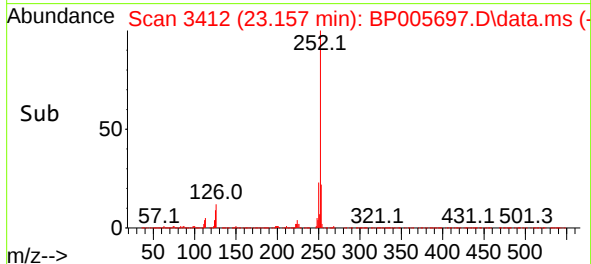
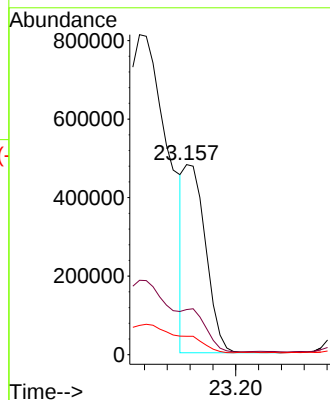
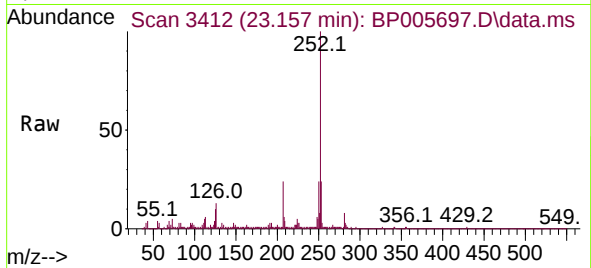
#89
Benzo(k)fluoranthene
Concen: 7.81 ng m
RT: 23.157 min Scan# 3412
Delta R.T. -0.012 min
Lab File: BP005697.D
Acq: 03 Jun 2021 20:56

Tgt Ion:252 Resp: 633295
Ion Ratio Lower Upper
252 100
253 23.8 17.2 25.8
125 9.7 3.8 5.6#

Instrument :
BNA_P
ClientSampleId :
18-B5(2-4)

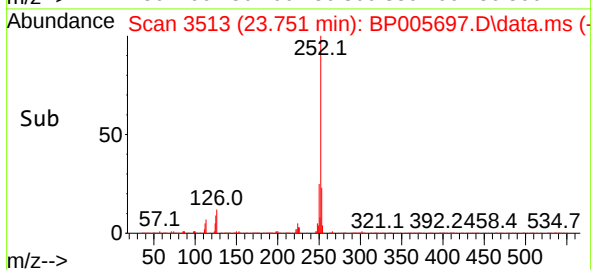
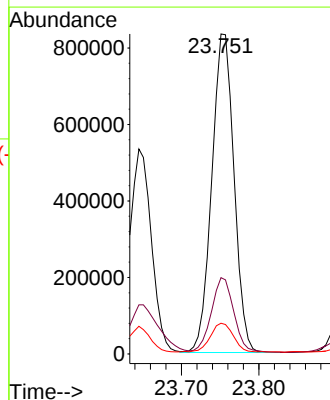
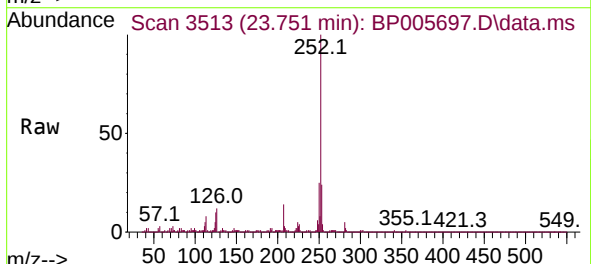
Manual Integrations
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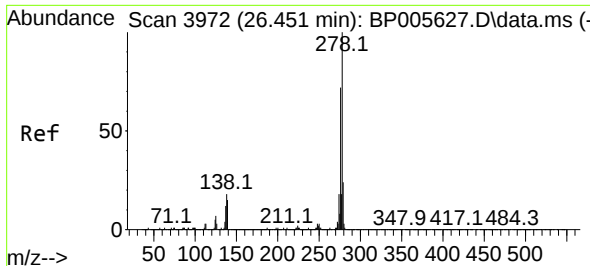
mohammad
6/4/2021 9:34:53 AM



#90
Benzo(a)pyrene
Concen: 21.33 ng
RT: 23.751 min Scan# 3513
Delta R.T. -0.006 min
Lab File: BP005697.D
Acq: 03 Jun 2021 20:56

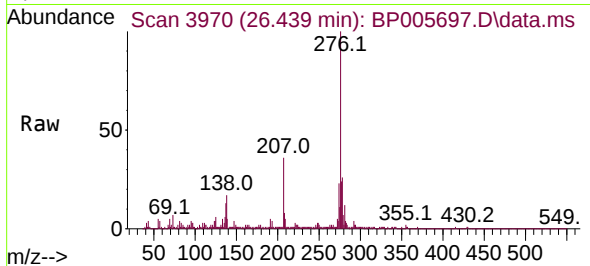
Tgt Ion:252 Resp: 1660304
Ion Ratio Lower Upper
252 100
253 23.8 17.1 25.7
125 9.6 3.8 5.6#





#91
Dibenzo(a,h)anthracene
Concen: 3.58 ng
RT: 26.439 min Scan# 3970
Delta R.T. -0.012 min
Lab File: BP005697.D
Acq: 03 Jun 2021 20:56

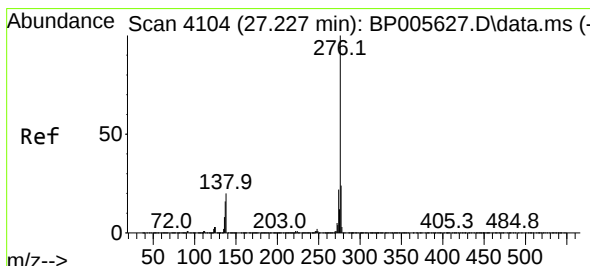
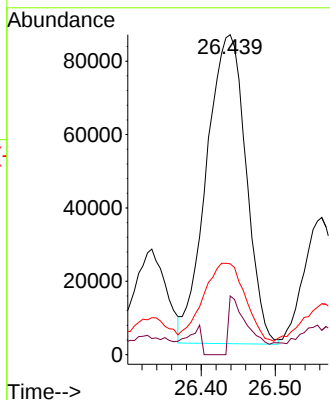
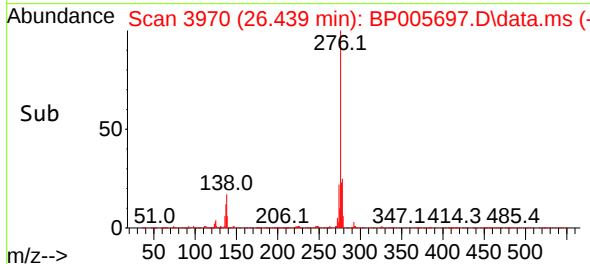
Instrument :
BNA_P
ClientSampled :
18-B5(2-4)



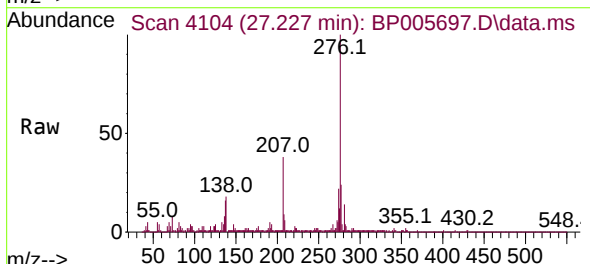
Tgt Ion:278 Resp: 312031
Ion Ratio Lower Upper
278 100
139 18.4 5.0 7.6#
279 28.4 18.6 28.0#

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6/4/2021 9:34:53 AM



#92
Benzo(g,h,i)perylene
Concen: 13.34 ng
RT: 27.227 min Scan# 4104
Delta R.T. 0.000 min
Lab File: BP005697.D
Acq: 03 Jun 2021 20:56



Tgt Ion:276 Resp: 1120175
Ion Ratio Lower Upper
276 100
277 23.9 19.8 29.8
138 18.2 7.7 11.5#

