

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060421\
 Data File : BP005720.D
 Acq On : 04 Jun 2021 19:59
 Operator : CG/JU
 Sample : M2589-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 18-B7(4-6)

Manual Integrations
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Quant Time: Jun 05 02:32:11 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	159185	20.000	ng	-0.01
21) Naphthalene-d8	10.787	136	622140	20.000	ng	#-0.01
39) Acenaphthene-d10	14.604	164	386830	20.000	ng	0.00
64) Phenanthrene-d10	17.351	188	805777	20.000	ng	# 0.00
76) Chrysene-d12	21.416	240	813866	20.000	ng	# 0.00
86) Perylene-d12	23.863	264	930949	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.546	112	625980	61.138	ng	0.00
7) Phenol-d6	7.152	99	806952	57.813	ng	0.00
23) Nitrobenzene-d5	9.146	82	517059	46.220	ng	0.00
42) 2,4,6-Tribromophenol	16.093	330	378697	76.346	ng	0.00
45) 2-Fluorobiphenyl	13.234	172	1127444	38.572	ng	0.00
79) Terphenyl-d14	19.892	244	1605750	37.022	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	17.392	178	739870	14.738	ng	99
72) Anthracene	17.481	178	205993	4.156	ng	100
75) Fluoranthene	19.351	202	1407752	23.361	ng	96
78) Pyrene	19.704	202	1310000	22.811	ng	99
80) Butylbenzylphthalate	20.563	149	13409	4.658	ng	# 84
81) Benzo(a)anthracene	21.404	228	728160	12.191	ng	96
83) Chrysene	21.457	228	619624m	10.713	ng	
84) Bis(2-ethylhexyl)phtha...	21.316	149	203740	6.280	ng	97
87) Indeno(1,2,3-cd)pyrene	26.433	276	503878	6.362	ng	# 93
88) Benzo(b)fluoranthene	23.116	252	899590	13.318	ng	# 91
89) Benzo(k)fluoranthene	23.157	252	316950m	4.952	ng	
90) Benzo(a)pyrene	23.751	252	696260	11.331	ng	# 90
92) Benzo(g,h,i)perylene	27.227	276	494226	7.455	ng	# 92

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

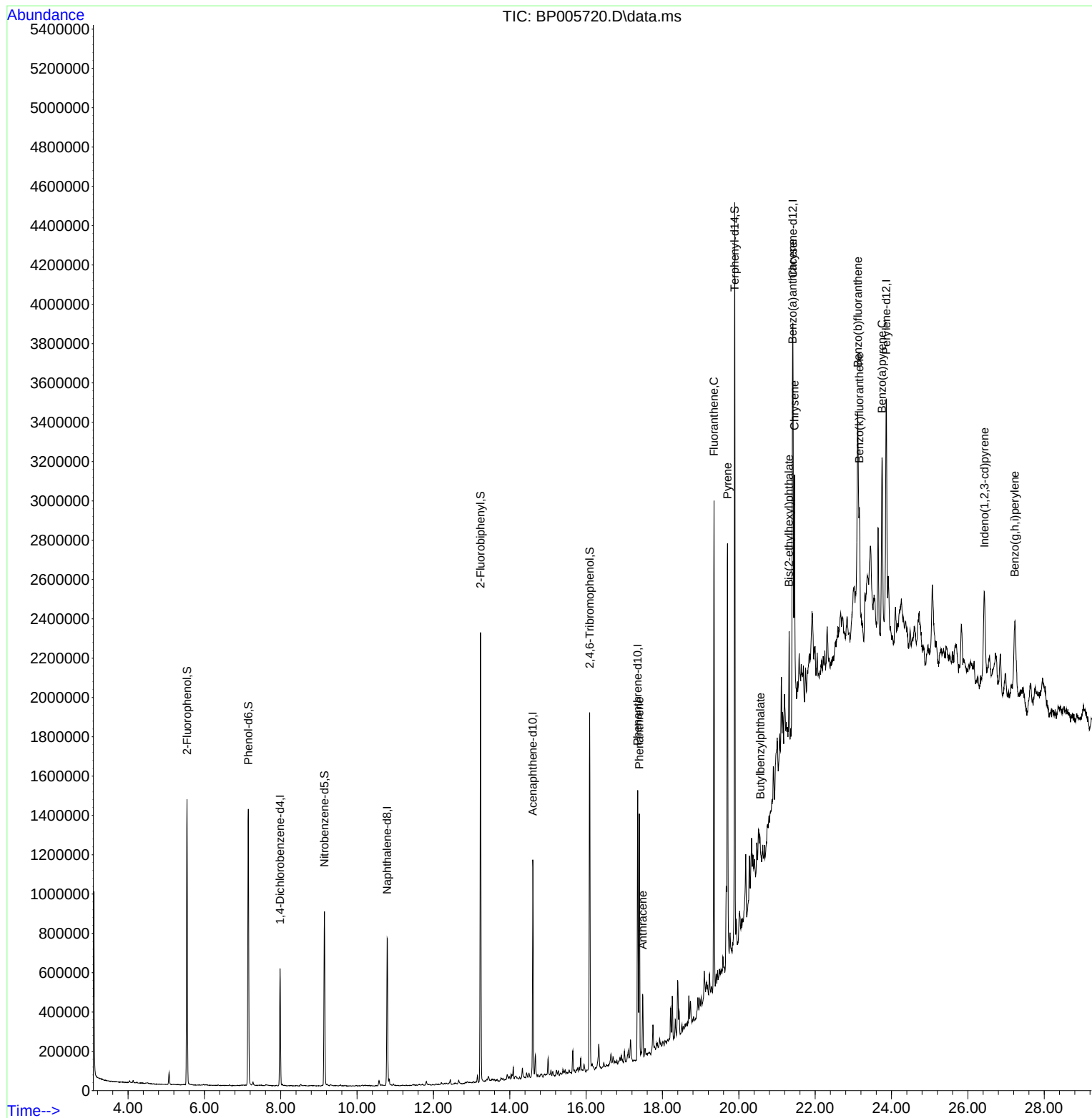
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060421\
Data File : BP005720.D
Acq On : 04 Jun 2021 19:59
Operator : CG/JU
Sample : M2589-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

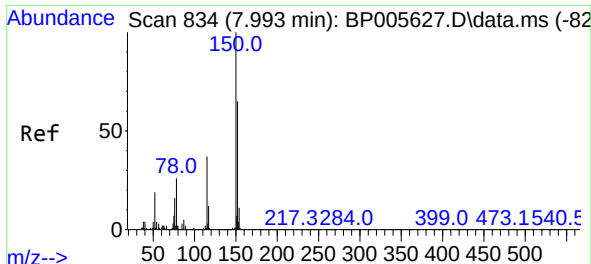
Instrument :
BNA_P
ClientSampleId :
18-B7(4-6)

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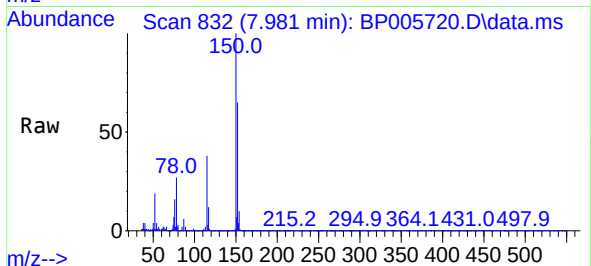
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Quant Time: Jun 05 02:32:11 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 27 16:11:11 2021
Response via : Initial Calibration

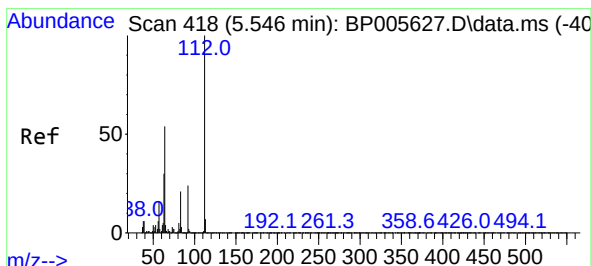
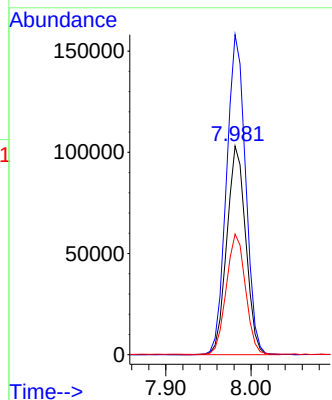
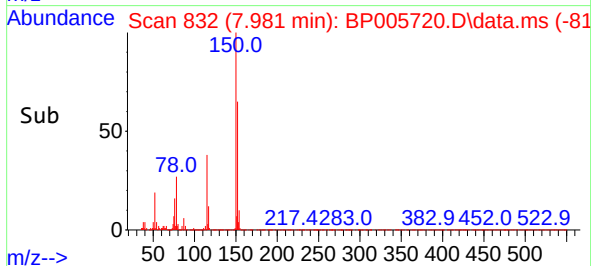




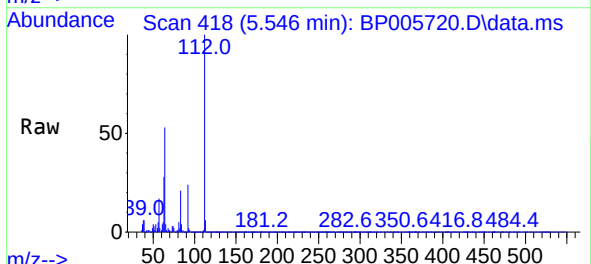
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.981 min Scan# 832
Delta R.T. -0.012 min
Lab File: BP005720.D
Acq: 04 Jun 2021 19:59



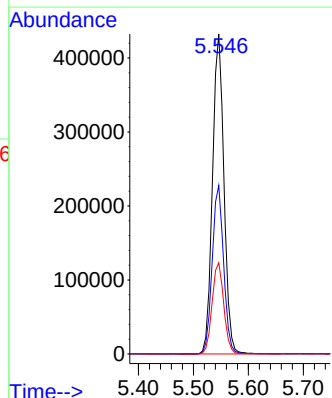
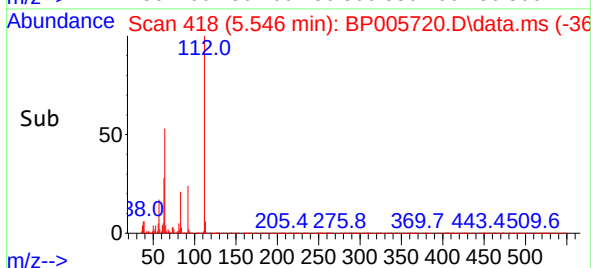
Tgt Ion:152 Resp: 159185
Ion Ratio Lower Upper
152 100
150 153.4 119.8 179.8
115 57.7 49.0 73.4



#5
2-Fluorophenol
Concen: 61.138 ng
RT: 5.546 min Scan# 418
Delta R.T. -0.000 min
Lab File: BP005720.D
Acq: 04 Jun 2021 19:59



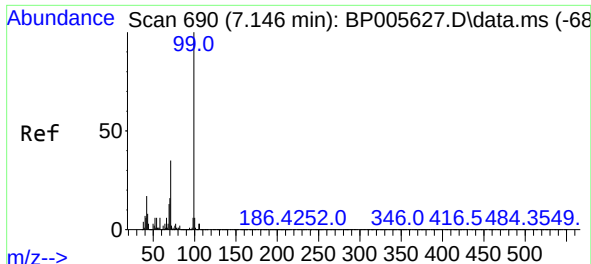
Tgt Ion:112 Resp: 625980
Ion Ratio Lower Upper
112 100
64 52.6 33.6 50.4#
63 28.5 18.6 27.8#



Instrument :
BNA_P
ClientSampleId :
18-B7(4-6)

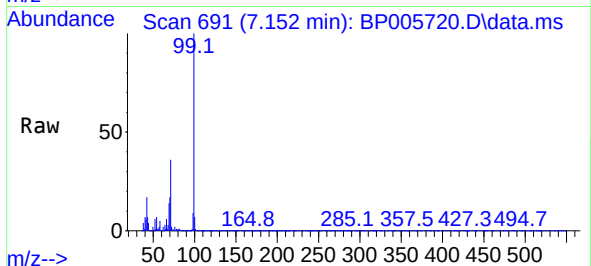
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#7
Phenol-d6
Concen: 57.813 ng
RT: 7.152 min Scan# 691
Delta R.T. 0.006 min
Lab File: BP005720.D
Acq: 04 Jun 2021 19:59

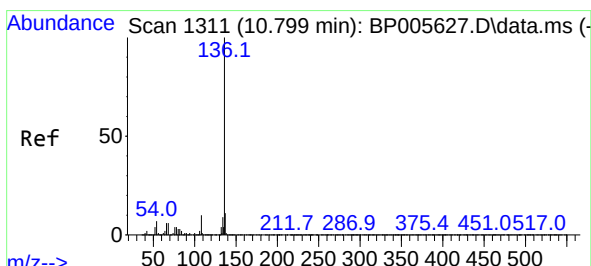
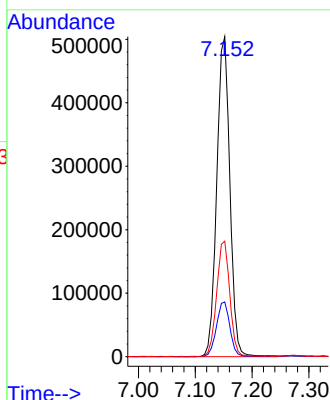
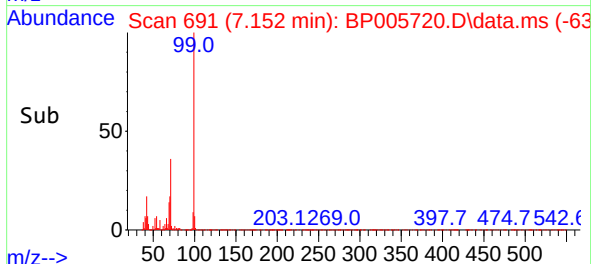
Instrument :
BNA_P
ClientSampled :
18-B7(4-6)



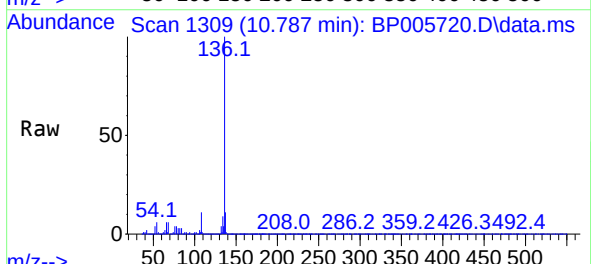
Tgt Ion: 99 Resp: 806952
Ion Ratio Lower Upper
99 100
42 17.1 12.9 19.3
71 36.1 26.7 40.1

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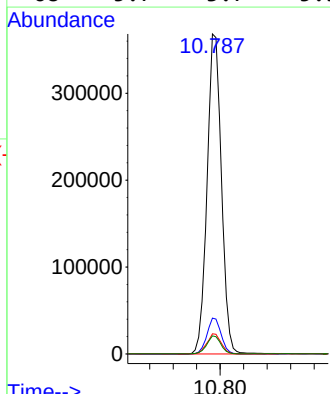
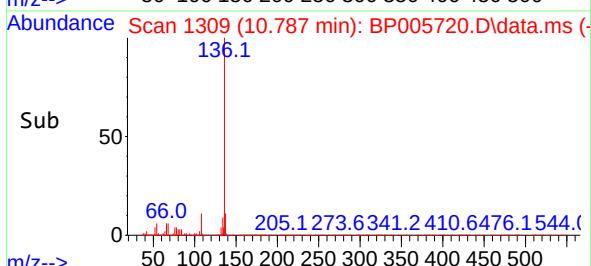
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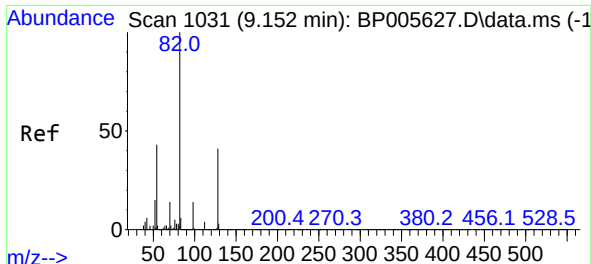


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.787 min Scan# 1309
Delta R.T. -0.012 min
Lab File: BP005720.D
Acq: 04 Jun 2021 19:59



Tgt Ion: 136 Resp: 622140
Ion Ratio Lower Upper
136 100
137 11.2 8.9 13.3
54 6.3 5.0 7.4
68 5.7 3.7 5.5#





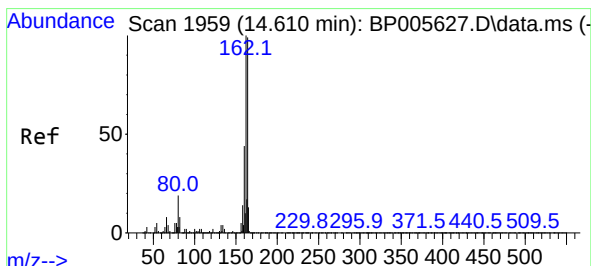
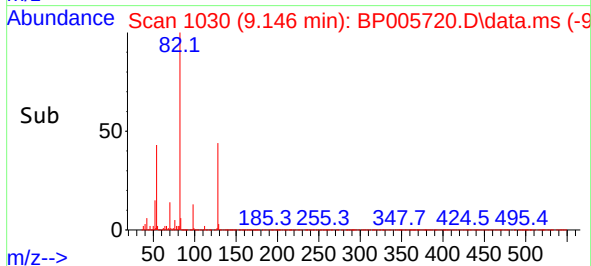
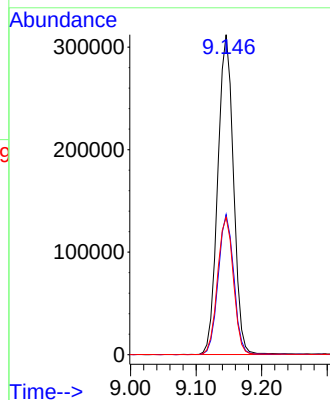
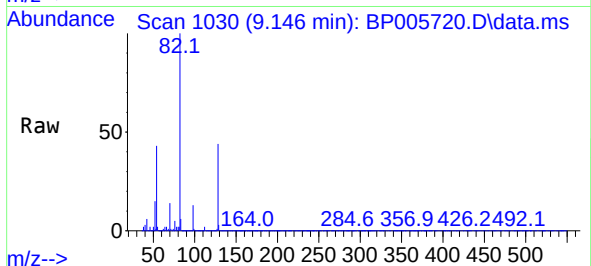
#23
Nitrobenzene-d5
Concen: 46.220 ng
RT: 9.146 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BP005720.D
Acq: 04 Jun 2021 19:59

Tgt Ion: 82 Resp: 517059
Ion Ratio Lower Upper
82 100
128 43.8 30.5 45.7
54 42.9 33.9 50.9

Instrument :
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ClientSampleId :
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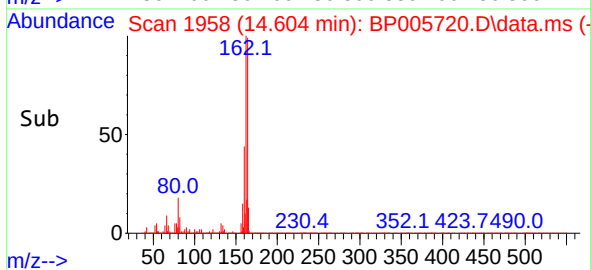
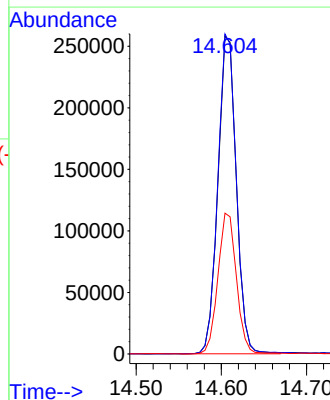
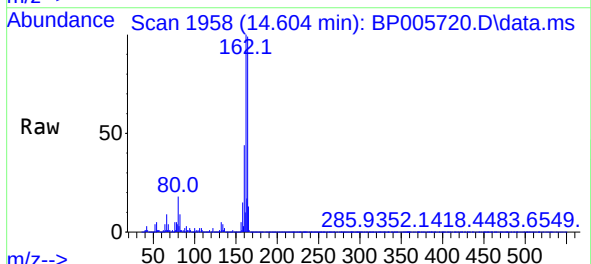
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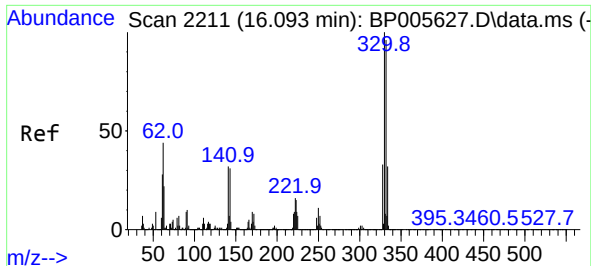
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.604 min Scan# 1958
Delta R.T. -0.006 min
Lab File: BP005720.D
Acq: 04 Jun 2021 19:59

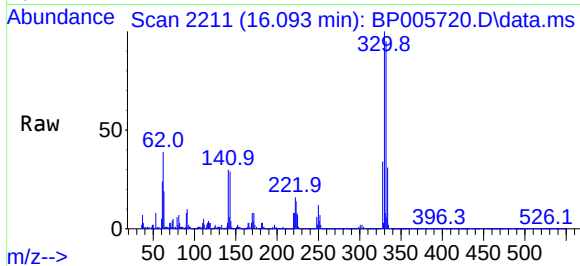
Tgt Ion: 164 Resp: 386830
Ion Ratio Lower Upper
164 100
162 100.6 73.5 110.3
160 44.2 40.6 61.0





#42
2,4,6-Tribromophenol
Concen: 76.346 ng
RT: 16.093 min Scan# 2211
Delta R.T. -0.000 min
Lab File: BP005720.D
Acq: 04 Jun 2021 19:59

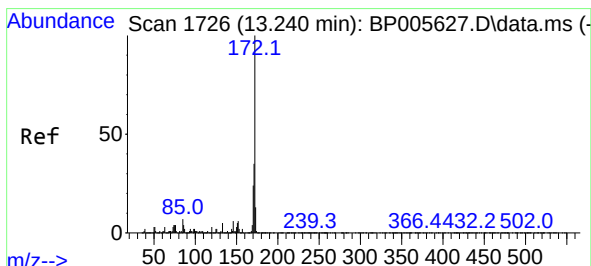
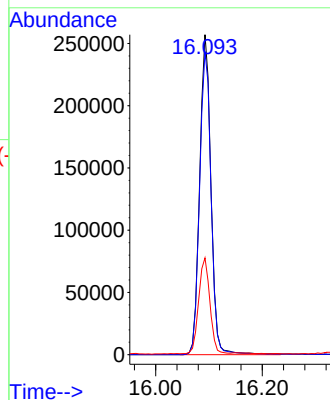
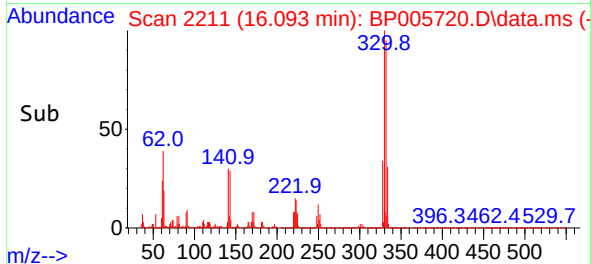
Instrument :
BNA_P
ClientSampleId :
18-B7(4-6)



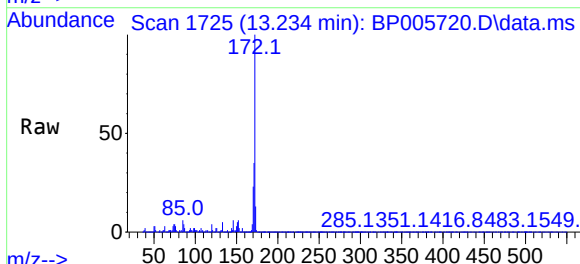
Tgt Ion:330 Resp: 378697
Ion Ratio Lower Upper
330 100
332 96.2 76.3 114.5
141 29.6 22.8 34.2

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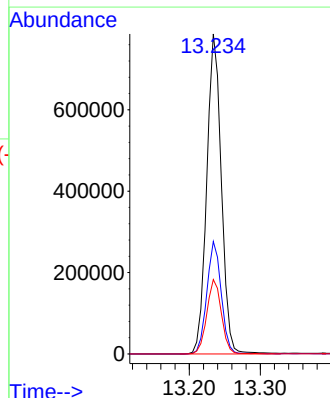
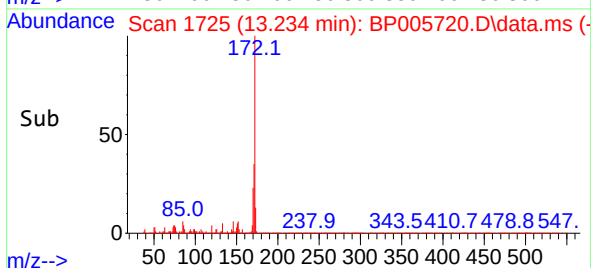
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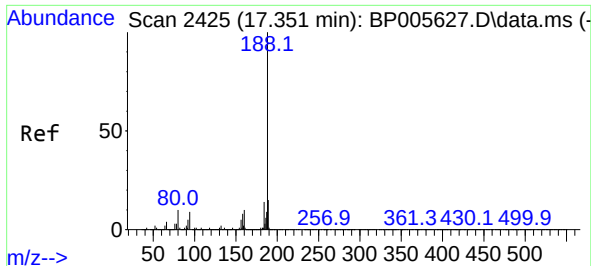


#45
2-Fluorobiphenyl
Concen: 38.572 ng
RT: 13.234 min Scan# 1725
Delta R.T. -0.006 min
Lab File: BP005720.D
Acq: 04 Jun 2021 19:59



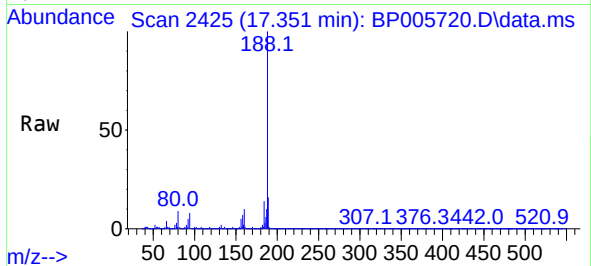
Tgt Ion:172 Resp: 1127444
Ion Ratio Lower Upper
172 100
171 35.2 28.1 42.1
170 23.2 19.6 29.4





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.351 min Scan# 2425
Delta R.T. 0.000 min
Lab File: BP005720.D
Acq: 04 Jun 2021 19:59

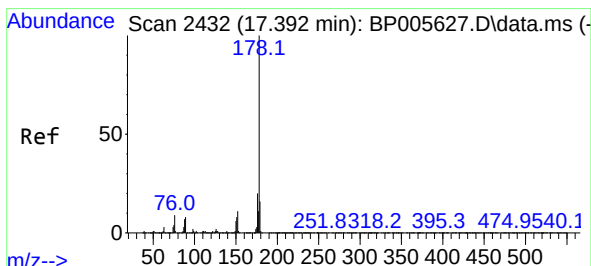
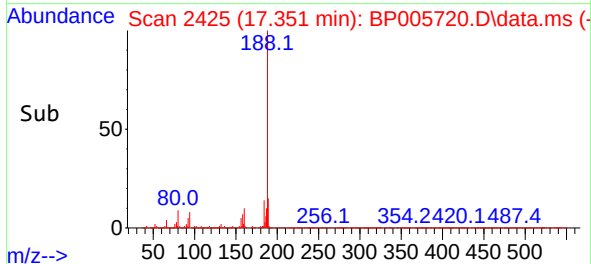
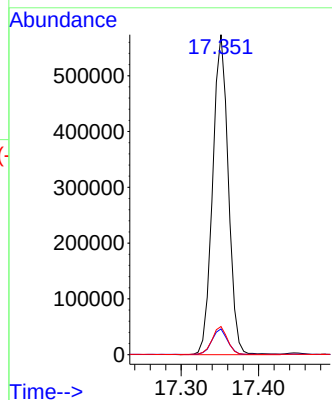
Instrument :
BNA_P
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Tgt Ion:188 Resp: 805777
Ion Ratio Lower Upper
188 100
94 8.0 5.0 7.6#
80 8.8 5.9 8.9

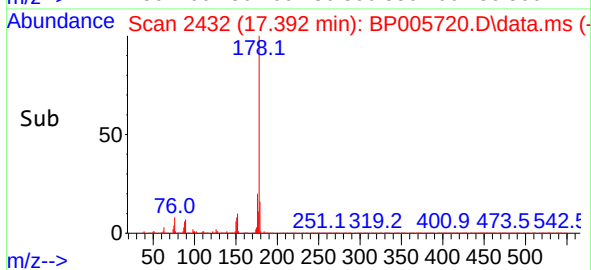
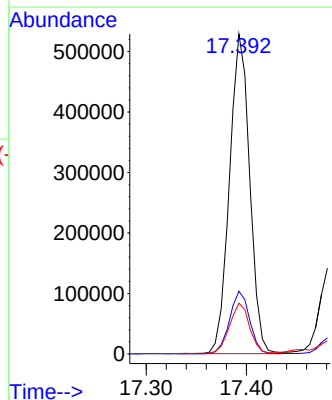
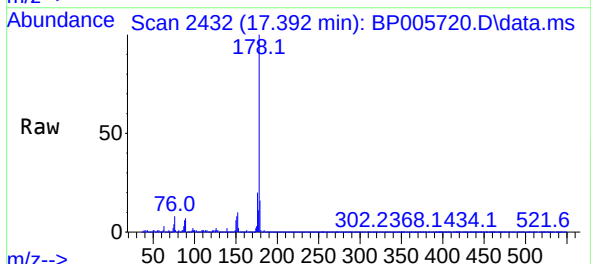
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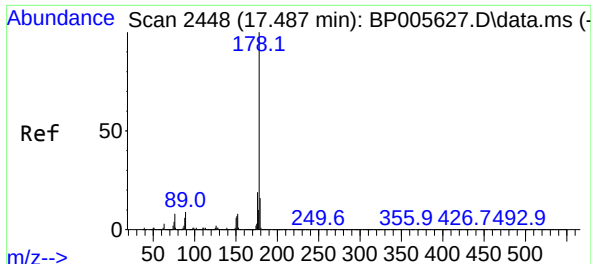
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#71
Phenanthrene
Concen: 14.738 ng
RT: 17.392 min Scan# 2432
Delta R.T. -0.000 min
Lab File: BP005720.D
Acq: 04 Jun 2021 19:59

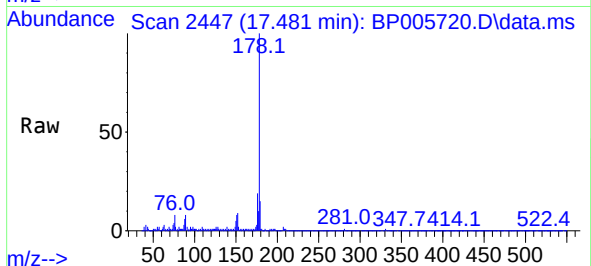
Tgt Ion:178 Resp: 739870
Ion Ratio Lower Upper
178 100
176 19.6 15.4 23.2
179 15.8 12.3 18.5





#72
 Anthracene
 Concen: 4.156 ng
 RT: 17.481 min Scan# 2447
 Delta R.T. -0.006 min
 Lab File: BP005720.D
 Acq: 04 Jun 2021 19:59

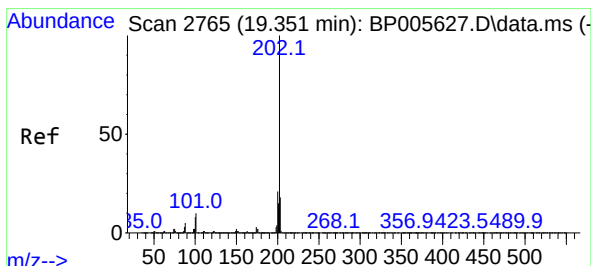
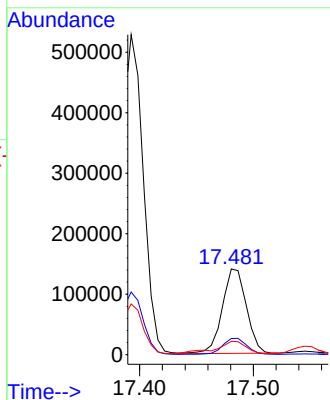
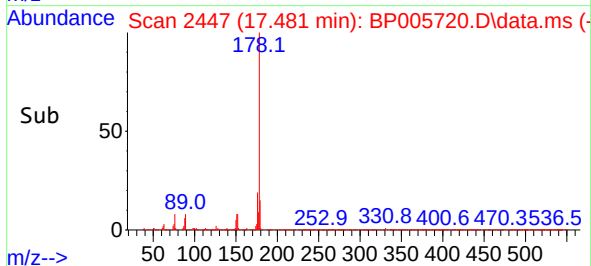
Instrument :
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 18-B7(4-6)



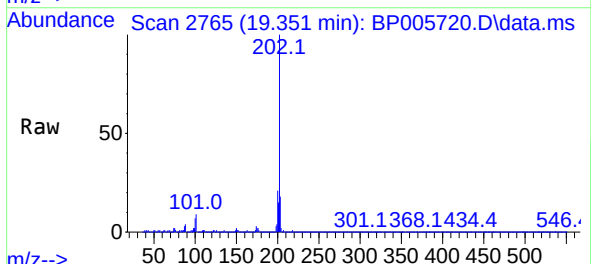
Tgt Ion:178 Resp: 205993
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.2 22.8
 179 15.4 12.6 19.0

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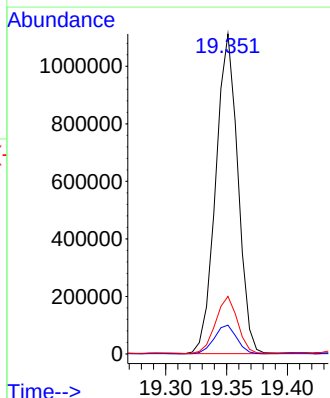
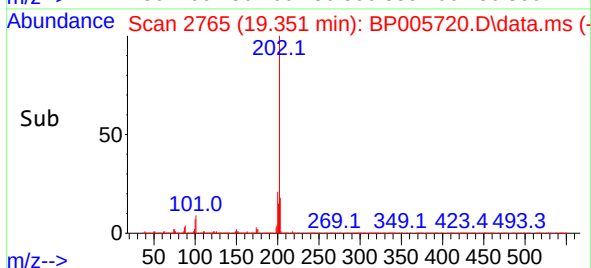
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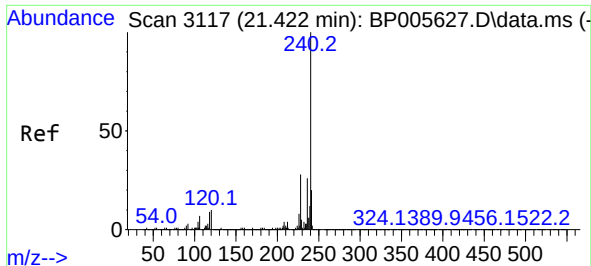


#75
 Fluoranthene
 Concen: 23.361 ng
 RT: 19.351 min Scan# 2765
 Delta R.T. -0.000 min
 Lab File: BP005720.D
 Acq: 04 Jun 2021 19:59



Tgt Ion:202 Resp: 1407752
 Ion Ratio Lower Upper
 202 100
 101 9.0 0.0 26.1
 203 18.0 0.0 37.2





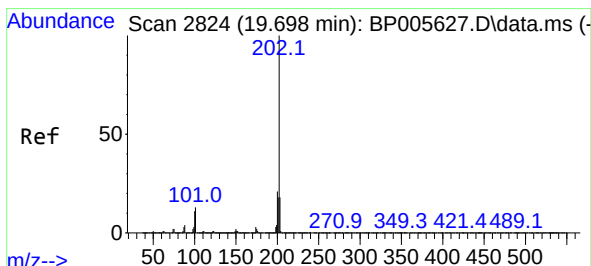
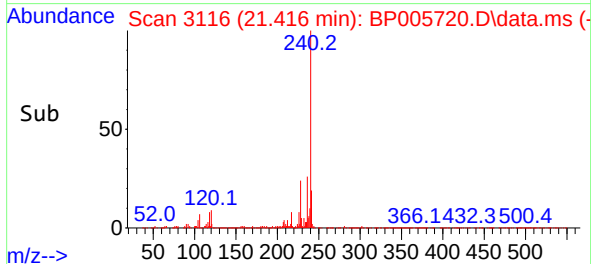
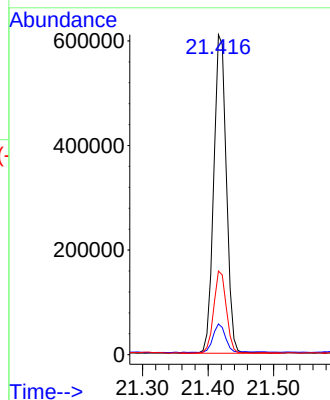
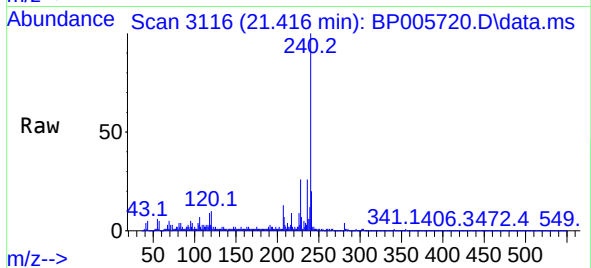
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.416 min Scan# 3116
Delta R.T. -0.006 min
Lab File: BP005720.D
Acq: 04 Jun 2021 19:59

Tgt Ion:240 Resp: 813866
Ion Ratio Lower Upper
240 100
120 9.6 4.2 6.2#
236 26.2 20.2 30.2

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ClientSampleId :
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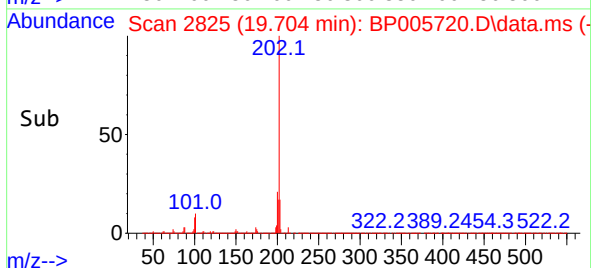
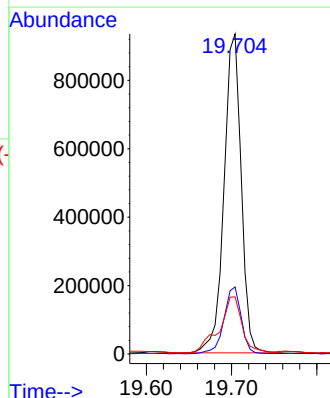
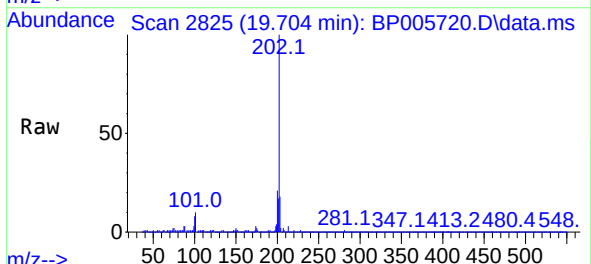
Manual Integrations
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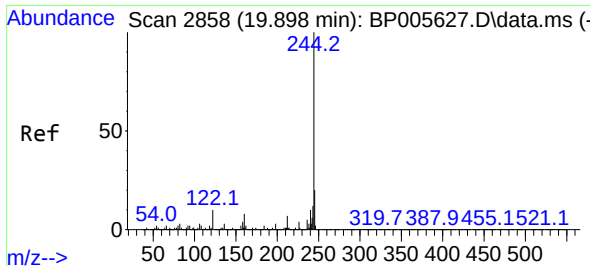
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#78
Pyrene
Concen: 22.811 ng
RT: 19.704 min Scan# 2825
Delta R.T. 0.006 min
Lab File: BP005720.D
Acq: 04 Jun 2021 19:59

Tgt Ion:202 Resp: 1310000
Ion Ratio Lower Upper
202 100
200 20.9 16.9 25.3
203 17.8 13.8 20.6





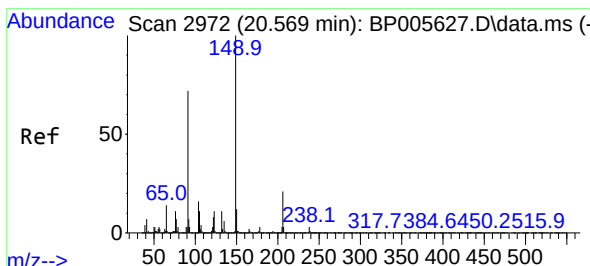
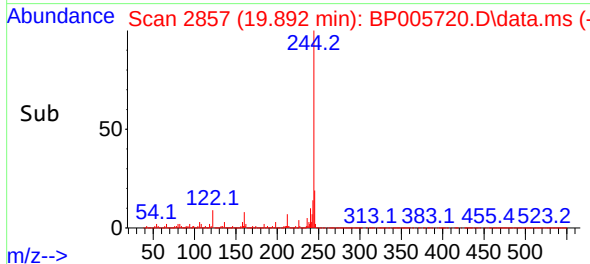
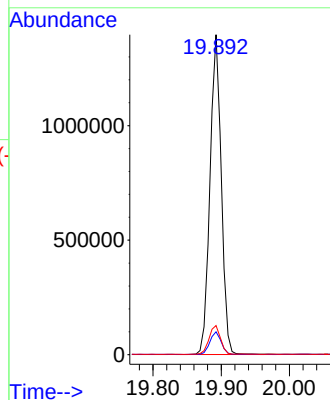
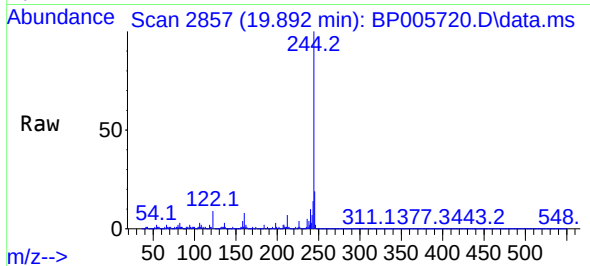
#79
Terphenyl-d14
Concen: 37.022 ng
RT: 19.892 min Scan# 2857
Delta R.T. -0.006 min
Lab File: BP005720.D
Acq: 04 Jun 2021 19:59

Tgt Ion:244 Resp: 1605750
Ion Ratio Lower Upper
244 100
212 7.2 5.8 8.6
122 9.1 5.2 7.8#

Instrument :
BNA_P
ClientSampleId :
18-B7(4-6)

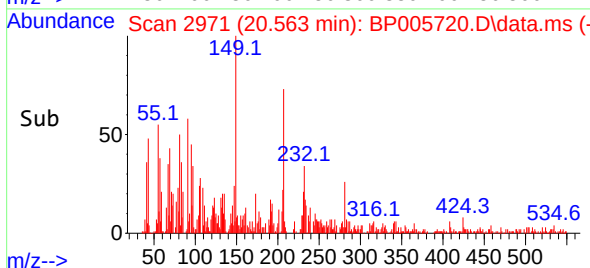
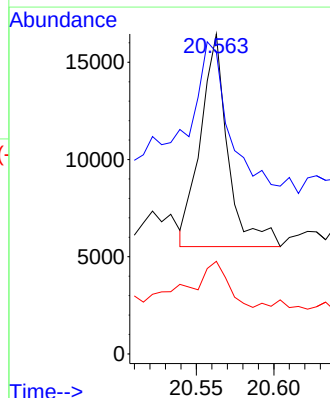
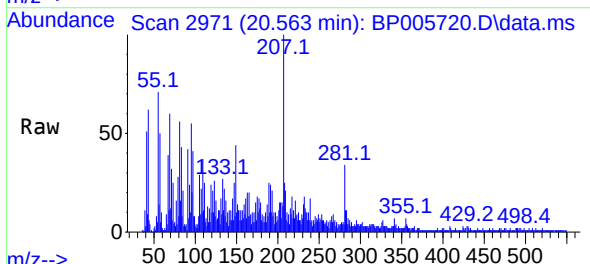
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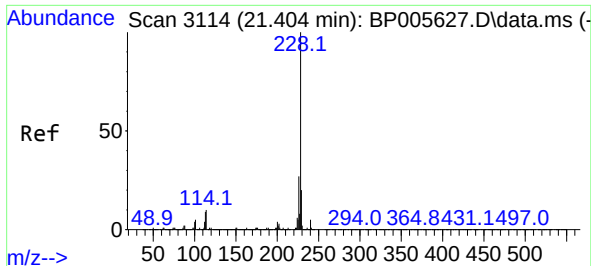
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#80
Butylbenzylphthalate
Concen: 4.658 ng
RT: 20.563 min Scan# 2971
Delta R.T. -0.006 min
Lab File: BP005720.D
Acq: 04 Jun 2021 19:59

Tgt Ion:149 Resp: 13409
Ion Ratio Lower Upper
149 100
91 94.3 60.2 90.4#
206 28.9 23.9 35.9





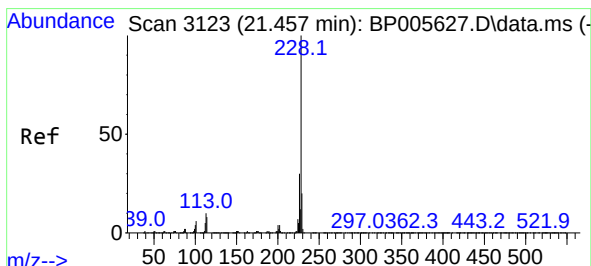
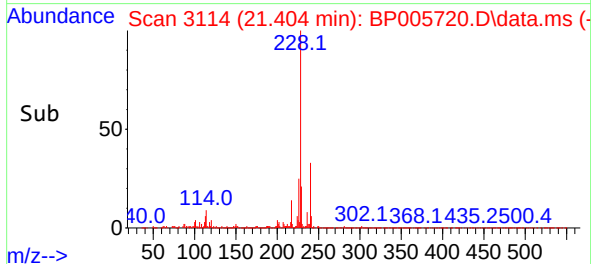
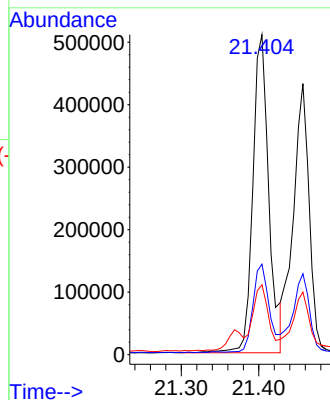
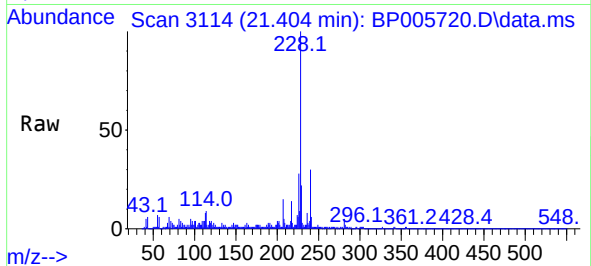
#81
Benzo(a)anthracene
Concen: 12.191 ng
RT: 21.404 min Scan# 3114
Delta R.T. -0.000 min
Lab File: BP005720.D
Acq: 04 Jun 2021 19:59

Tgt Ion:228 Resp: 728160
Ion Ratio Lower Upper
228 100
226 28.3 21.2 31.8
229 21.8 15.6 23.4

Instrument :
BNA_P
ClientSampleId :
18-B7(4-6)

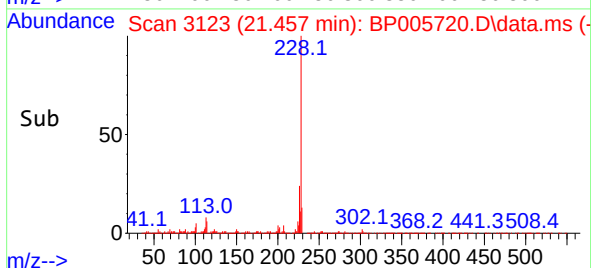
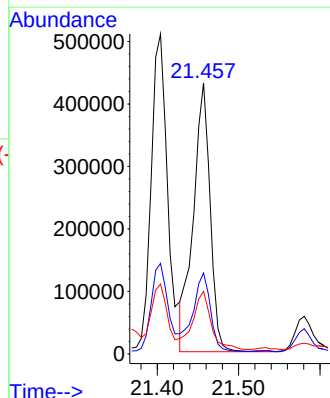
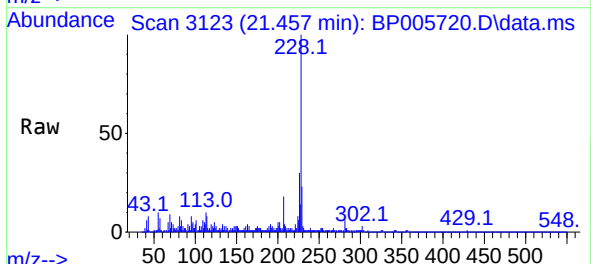
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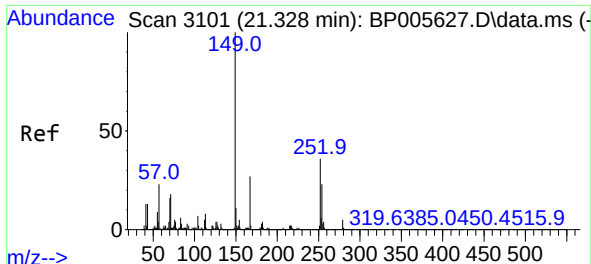
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#83
Chrysene
Concen: 10.713 ng m
RT: 21.457 min Scan# 3123
Delta R.T. 0.000 min
Lab File: BP005720.D
Acq: 04 Jun 2021 19:59

Tgt Ion:228 Resp: 619624
Ion Ratio Lower Upper
228 100
226 29.9 24.8 37.2
229 23.1 15.4 23.0#





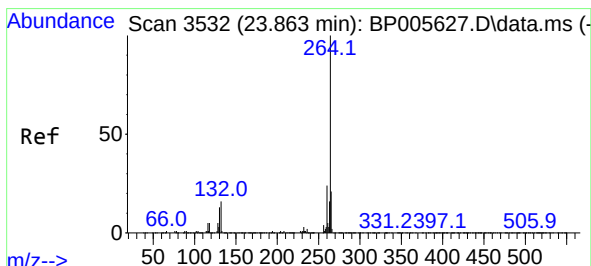
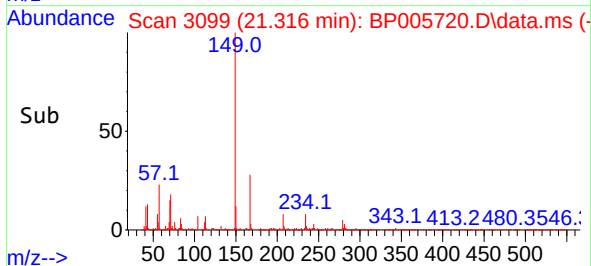
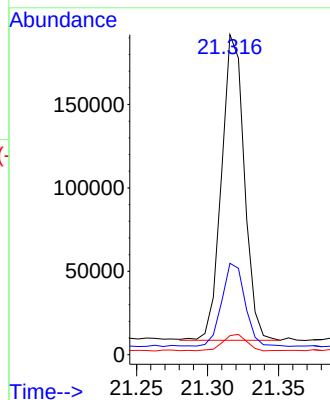
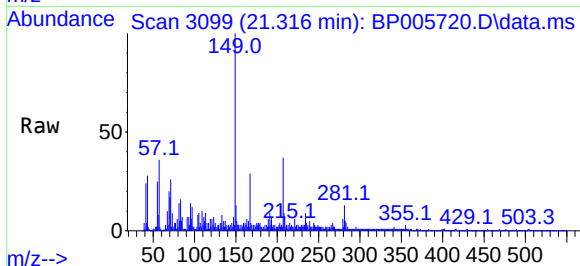
#84
Bis(2-ethylhexyl)phthalate
Concen: 6.280 ng
RT: 21.316 min Scan# 3099
Delta R.T. -0.012 min
Lab File: BP005720.D
Acq: 04 Jun 2021 19:59

Tgt Ion:149 Resp: 203740
Ion Ratio Lower Upper
149 100
167 28.5 23.8 35.8
279 6.0 5.7 8.5

Instrument :
BNA_P
ClientSampleId :
18-B7(4-6)

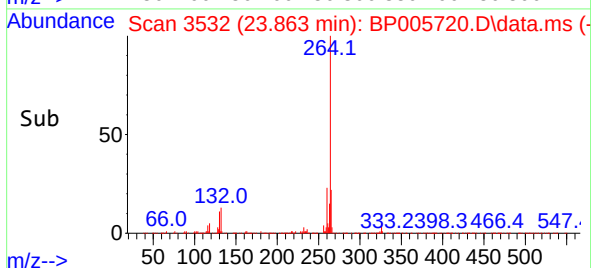
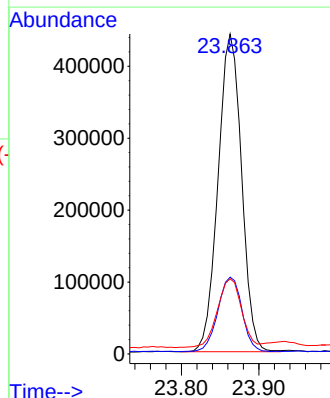
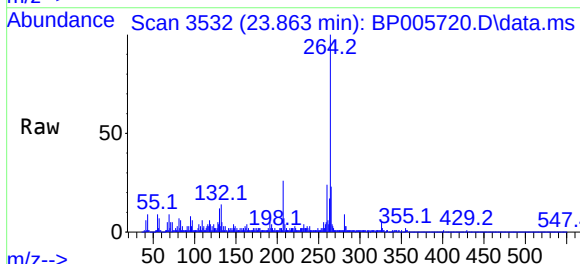
Manual Integrations
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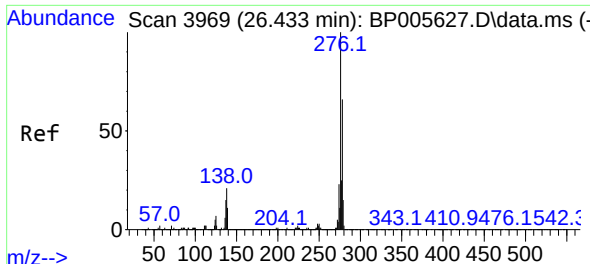
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#86
Perylene-d12
Concen: 20.000 ng
RT: 23.863 min Scan# 3532
Delta R.T. -0.000 min
Lab File: BP005720.D
Acq: 04 Jun 2021 19:59

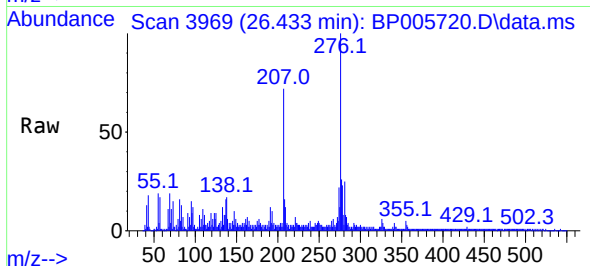
Tgt Ion:264 Resp: 930949
Ion Ratio Lower Upper
264 100
260 24.0 20.6 30.8
265 23.5 19.0 28.6





#87
Indeno(1,2,3-cd)pyrene
Concen: 6.362 ng
RT: 26.433 min Scan# 3969
Delta R.T. -0.000 min
Lab File: BP005720.D
Acq: 04 Jun 2021 19:59

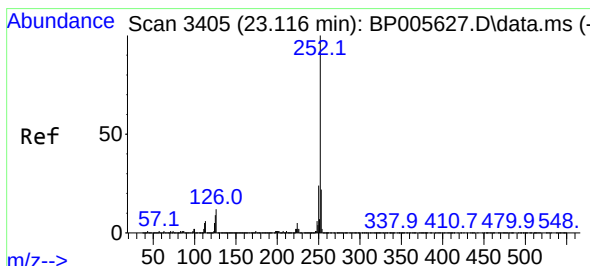
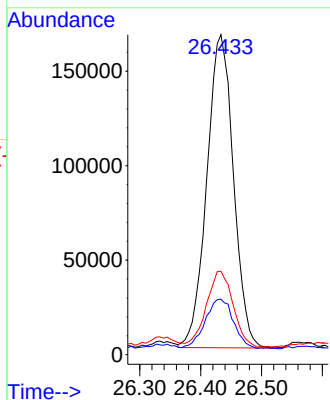
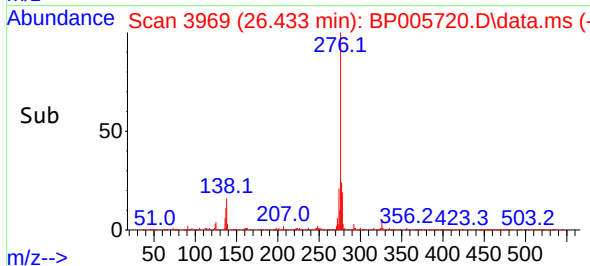
Instrument :
BNA_P
ClientSampleId :
18-B7(4-6)



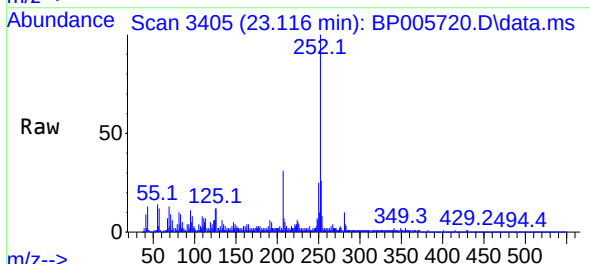
Tgt Ion:276 Resp: 503878
Ion Ratio Lower Upper
276 100
138 16.9 8.4 12.6#
277 24.4 20.6 31.0

Manual Integrations
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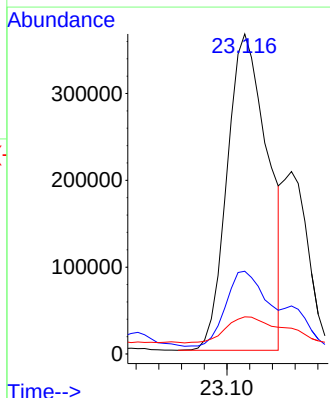
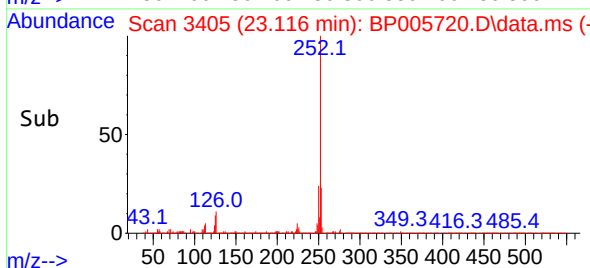
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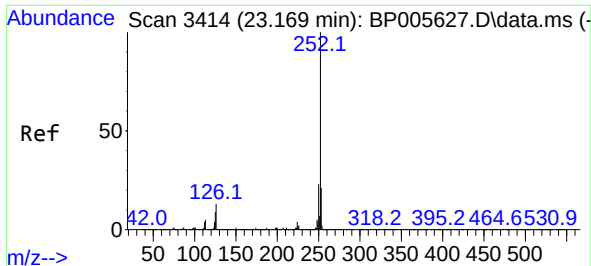


#88
Benzo(b)fluoranthene
Concen: 13.318 ng
RT: 23.116 min Scan# 3405
Delta R.T. -0.000 min
Lab File: BP005720.D
Acq: 04 Jun 2021 19:59



Tgt Ion:252 Resp: 899590
Ion Ratio Lower Upper
252 100
253 25.8 18.2 27.2
125 11.6 3.4 5.0#





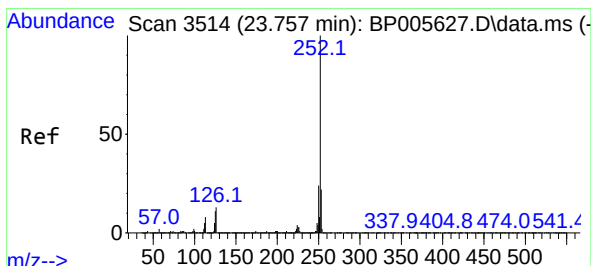
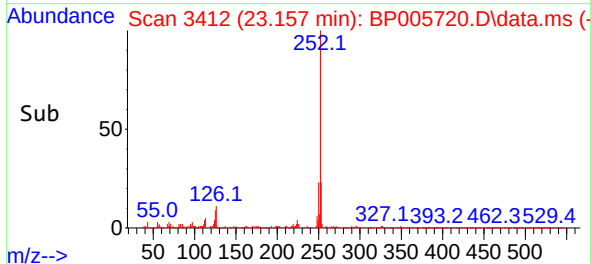
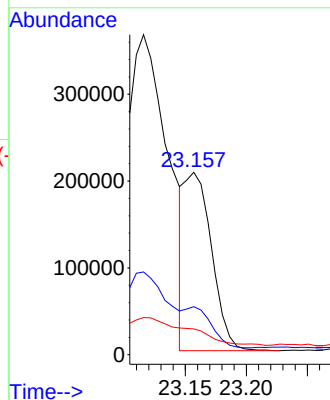
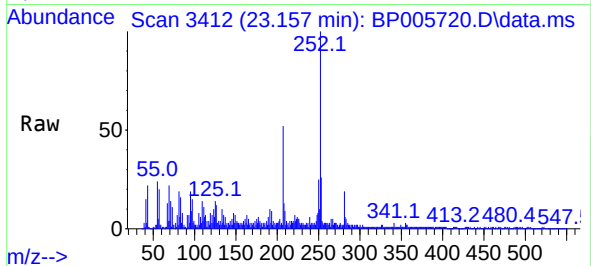
#89
Benzo(k)fluoranthene
Concen: 4.952 ng m
RT: 23.157 min Scan# 3412
Delta R.T. -0.012 min
Lab File: BP005720.D
Acq: 04 Jun 2021 19:59

Tgt Ion:252 Resp: 316950
Ion Ratio Lower Upper
252 100
253 26.3 17.2 25.8#
125 14.1 3.8 5.6#

Instrument :
BNA_P
ClientSampled :
18-B7(4-6)

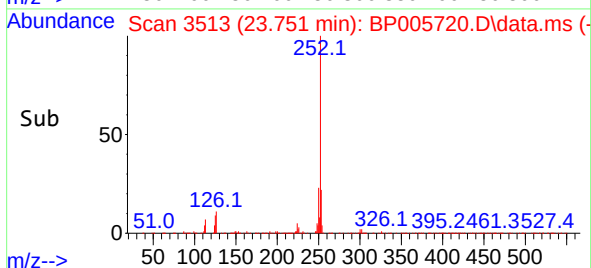
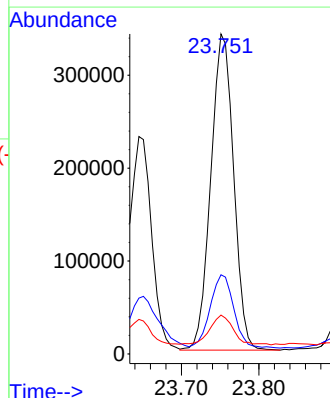
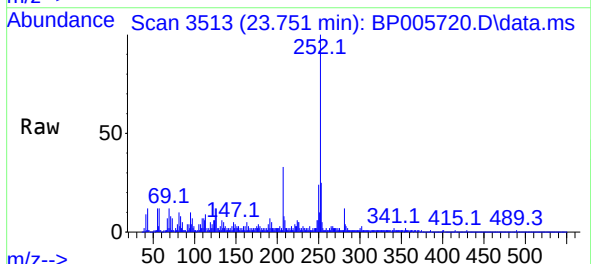
Manual Integrations
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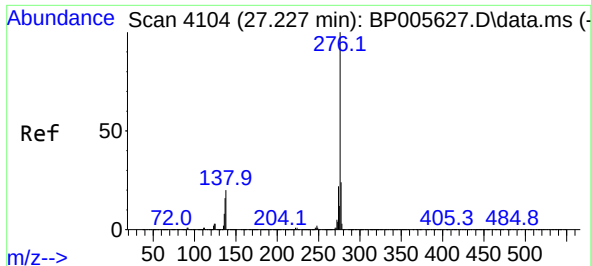
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#90
Benzo(a)pyrene
Concen: 11.331 ng
RT: 23.751 min Scan# 3513
Delta R.T. -0.006 min
Lab File: BP005720.D
Acq: 04 Jun 2021 19:59

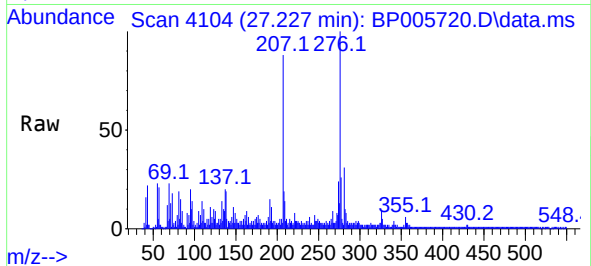
Tgt Ion:252 Resp: 696260
Ion Ratio Lower Upper
252 100
253 24.7 17.1 25.7
125 12.2 3.8 5.6#





#92
Benzo(g,h,i)perylene
Concen: 7.455 ng
RT: 27.227 min Scan# 4104
Delta R.T. 0.000 min
Lab File: BP005720.D
Acq: 04 Jun 2021 19:59

Instrument :
BNA_P
ClientSampleId :
18-B7(4-6)



Tgt Ion: 276 Resp: 494226
Ion Ratio Lower Upper
276 100
277 25.9 19.8 29.8
138 18.6 7.7 11.5#

Manual Integrations
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