

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060321\
 Data File : BP005693.D
 Acq On : 03 Jun 2021 18:40
 Operator : CG/JU
 Sample : M2580-06
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 18-B2(4-6)

Manual Integrations
 APPROVED

mohammad
 6/4/2021 9:34:42 AM

Quant Time: Jun 04 01:03:55 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	190329	20.00	ng	-0.01
21) Naphthalene-d8	10.787	136	730941	20.00	ng	#-0.01
39) Acenaphthene-d10	14.604	164	445678	20.00	ng	0.00
64) Phenanthrene-d10	17.351	188	909405	20.00	ng	# 0.00
76) Chrysene-d12	21.416	240	976232	20.00	ng	# 0.00
86) Perylene-d12	23.857	264	1078799	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.546	112	871282	71.17	ng	0.00
7) Phenol-d6	7.146	99	1124175	67.36	ng	0.00
23) Nitrobenzene-d5	9.146	82	717855	54.62	ng	0.00
42) 2,4,6-Tribromophenol	16.092	330	473009	82.77	ng	0.00
45) 2-Fluorobiphenyl	13.234	172	1613691	47.92	ng	0.00
79) Terphenyl-d14	19.892	244	2475627	47.58	ng	0.00
Target Compounds						Qvalue
50) Dimethylphthalate	14.057	163	186887	5.27	ng	99
71) Phenanthrene	17.392	178	511995	9.04	ng	99
72) Anthracene	17.481	178	119714	2.14	ng	98
75) Fluoranthene	19.351	202	1117878	16.44	ng	96
78) Pyrene	19.698	202	1035830	15.04	ng	99
80) Butylbenzylphthalate	20.563	149	13605	4.58	ng	# 95
81) Benzo(a)anthracene	21.404	228	573747	8.01	ng	97
83) Chrysene	21.457	228	518874m	7.48	ng	
87) Indeno(1,2,3-cd)pyrene	26.415	276	355856	3.88	ng	# 93
88) Benzo(b)fluoranthene	23.110	252	723391	9.24	ng	# 97
89) Benzo(k)fluoranthene	23.151	252	201787m	2.72	ng	
90) Benzo(a)pyrene	23.745	252	523858	7.36	ng	# 94
92) Benzo(g,h,i)perylene	27.204	276	338648	4.41	ng	# 92

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

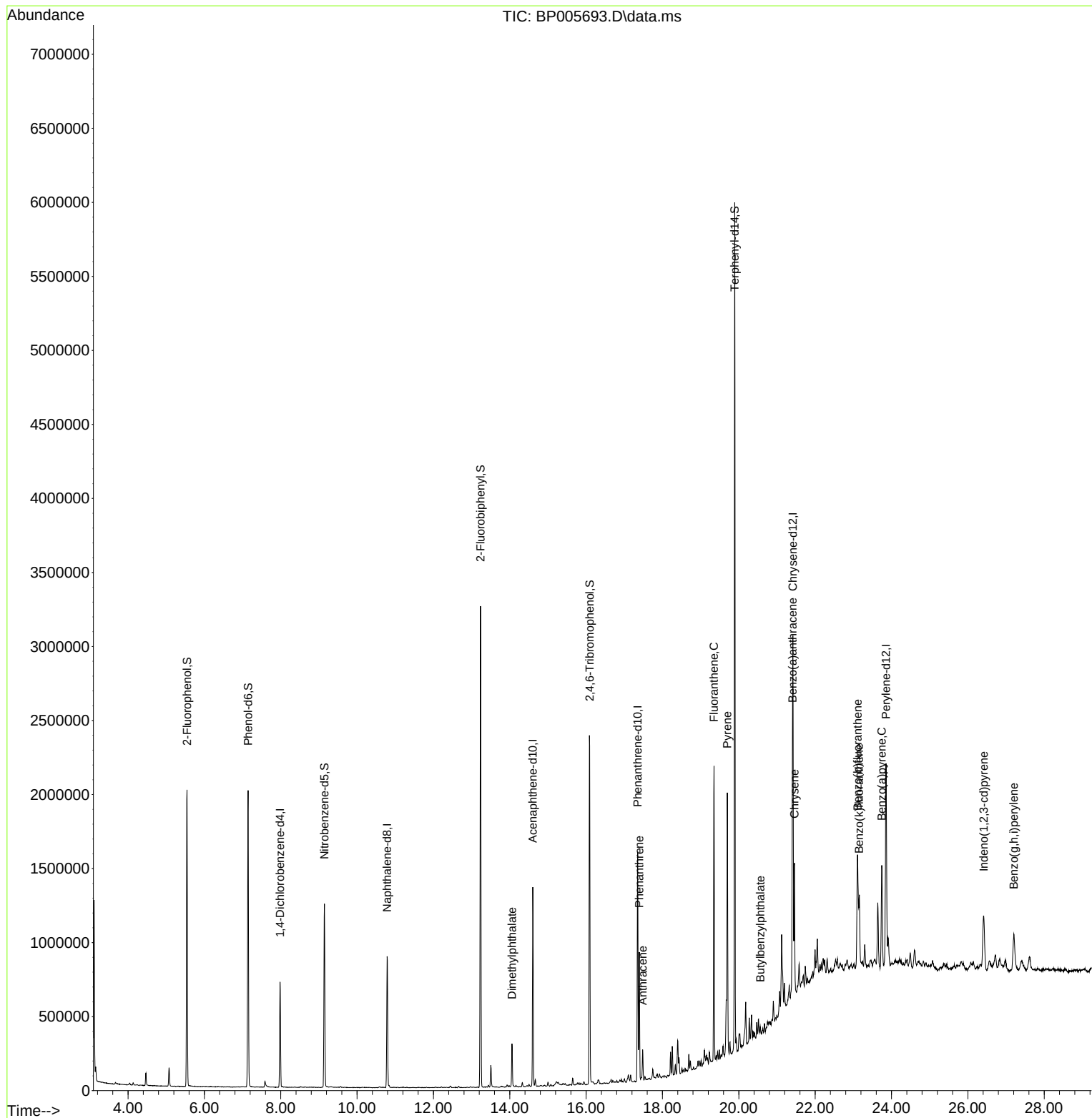
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060321\
Data File : BP005693.D
Acq On : 03 Jun 2021 18:40
Operator : CG/JU
Sample : M2580-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

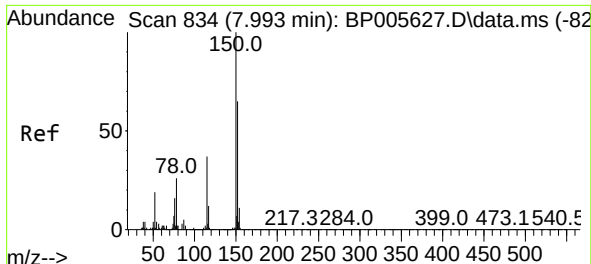
Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.M
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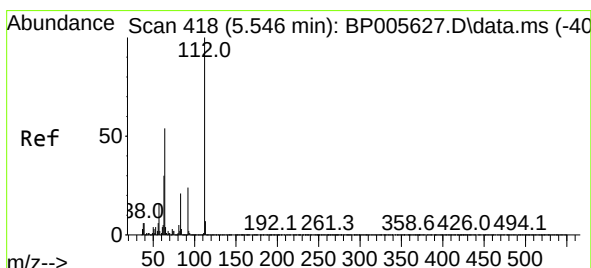
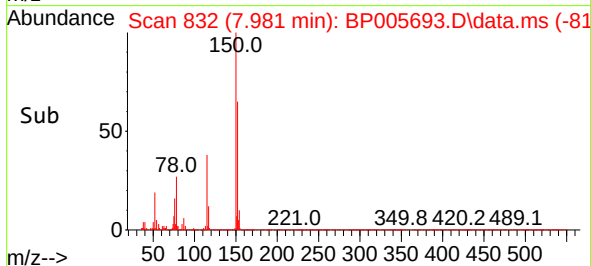
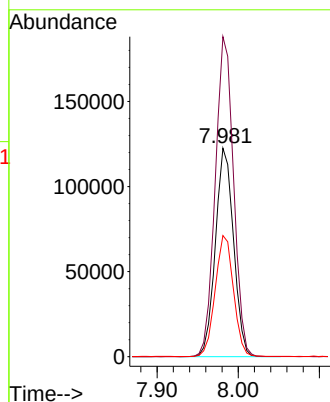
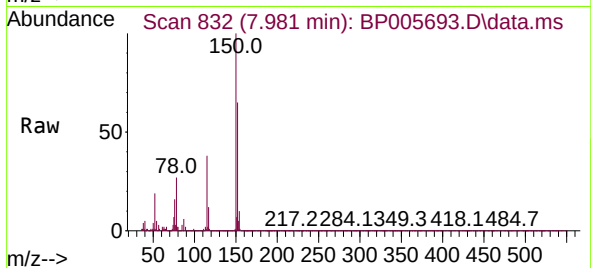
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.981 min Scan# 832
Delta R.T. -0.012 min
Lab File: BP005693.D
Acq: 03 Jun 2021 18:40

Tgt Ion:152 Resp: 190329
Ion Ratio Lower Upper
152 100
150 153.5 119.8 179.8
115 58.1 49.0 73.4

Instrument :
BNA_P
ClientSampleId :
18-B2(4-6)

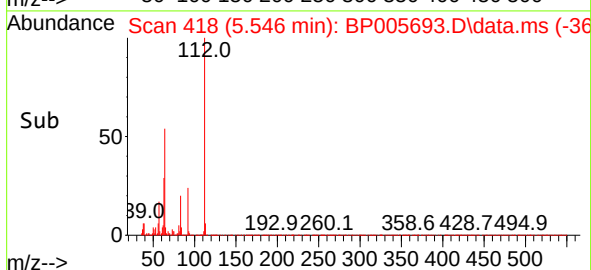
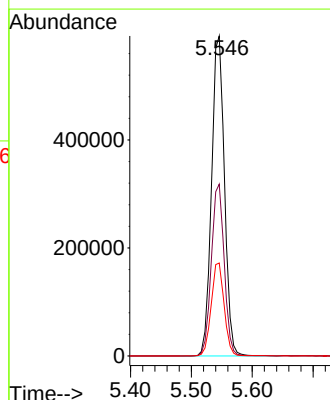
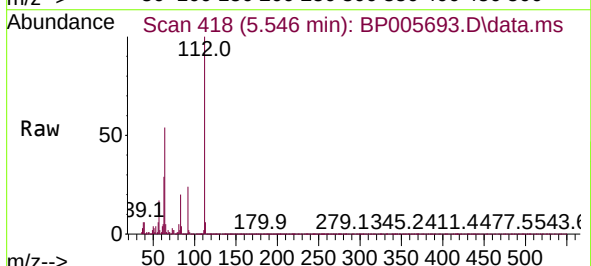
Manual Integrations
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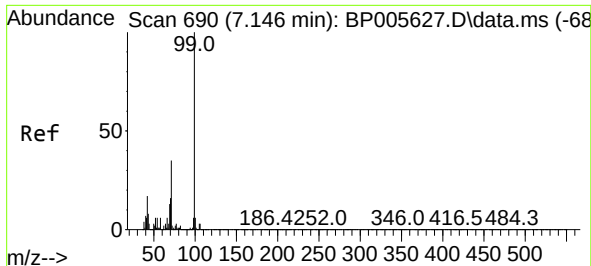
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#5
2-Fluorophenol
Concen: 71.17 ng
RT: 5.546 min Scan# 418
Delta R.T. -0.000 min
Lab File: BP005693.D
Acq: 03 Jun 2021 18:40

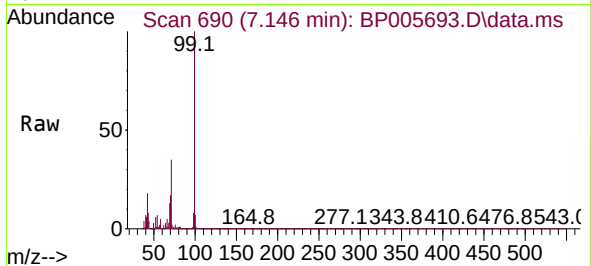
Tgt Ion:112 Resp: 871282
Ion Ratio Lower Upper
112 100
64 53.7 33.6 50.4#
63 29.1 18.6 27.8#





#7
Phenol-d6
Concen: 67.36 ng
RT: 7.146 min Scan# 690
Delta R.T. -0.000 min
Lab File: BP005693.D
Acq: 03 Jun 2021 18:40

Instrument :
BNA_P
ClientSampleId :
18-B2(4-6)

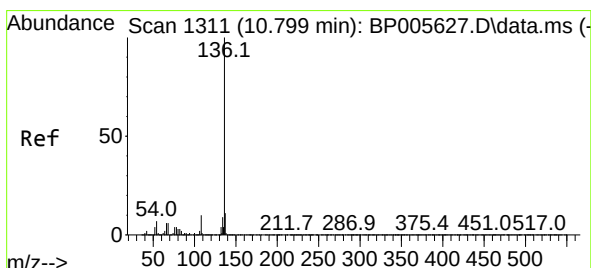
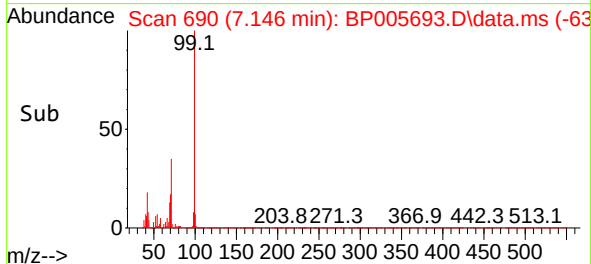
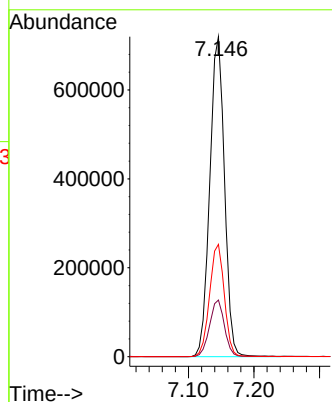


Tgt Ion: 99 Resp: 1124175

Ion	Ratio	Lower	Upper
99	100		
42	17.7	12.9	19.3
71	35.1	26.7	40.1

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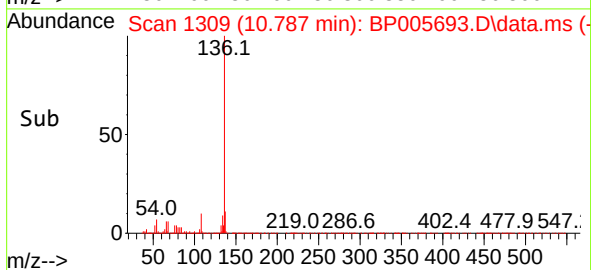
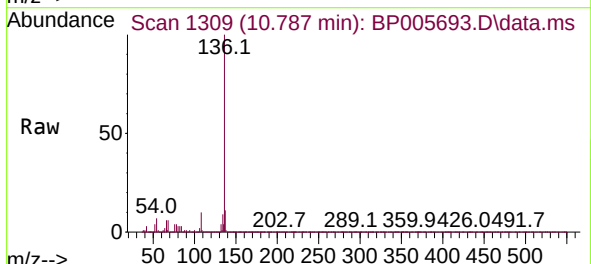
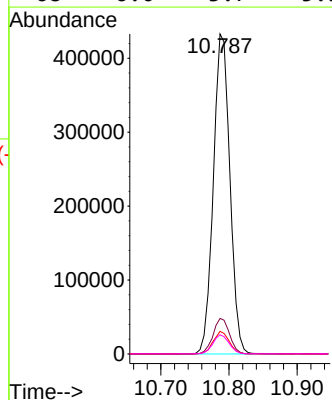
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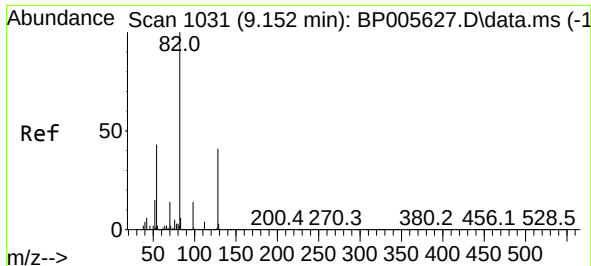


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.787 min Scan# 1309
Delta R.T. -0.012 min
Lab File: BP005693.D
Acq: 03 Jun 2021 18:40

Tgt Ion: 136 Resp: 730941

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	7.0	5.0	7.4
68	6.0	3.7	5.5





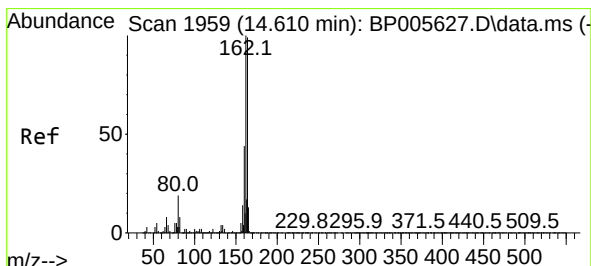
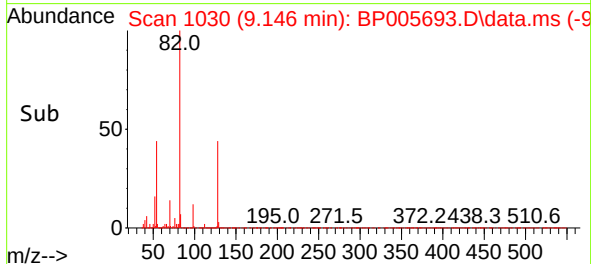
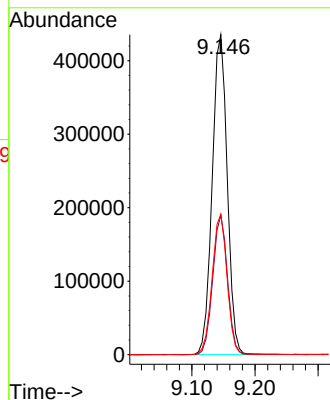
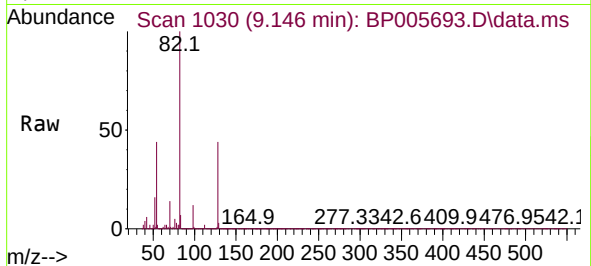
#23
Nitrobenzene-d5
Concen: 54.62 ng
RT: 9.146 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BP005693.D
Acq: 03 Jun 2021 18:40

Tgt Ion: 82 Resp: 717855
Ion Ratio Lower Upper
82 100
128 43.6 30.5 45.7
54 43.9 33.9 50.9

Instrument :
BNA_P
ClientSampled :
18-B2(4-6)

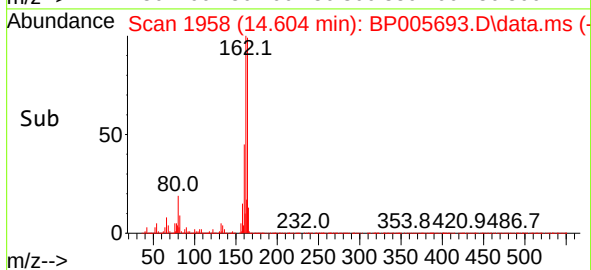
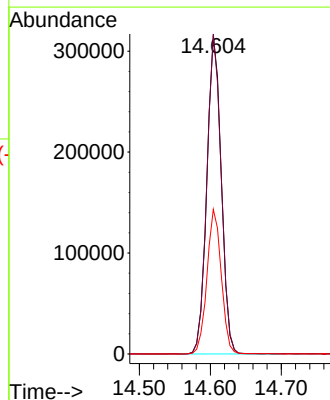
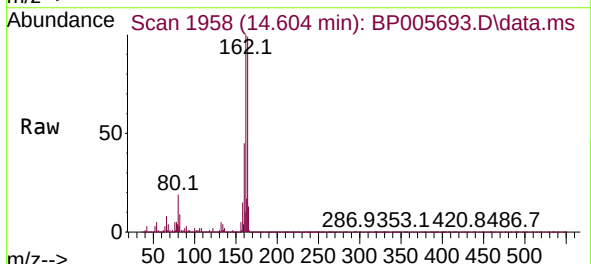
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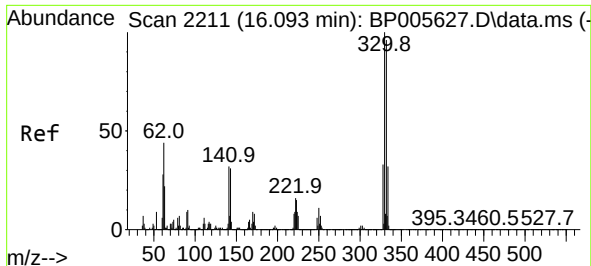
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#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.604 min Scan# 1958
Delta R.T. -0.006 min
Lab File: BP005693.D
Acq: 03 Jun 2021 18:40

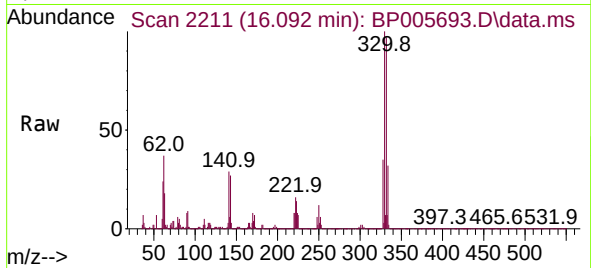
Tgt Ion: 164 Resp: 445678
Ion Ratio Lower Upper
164 100
162 100.5 73.5 110.3
160 45.4 40.6 61.0





#42
2,4,6-Tribromophenol
Concen: 82.77 ng
RT: 16.092 min Scan# 2211
Delta R.T. -0.000 min
Lab File: BP005693.D
Acq: 03 Jun 2021 18:40

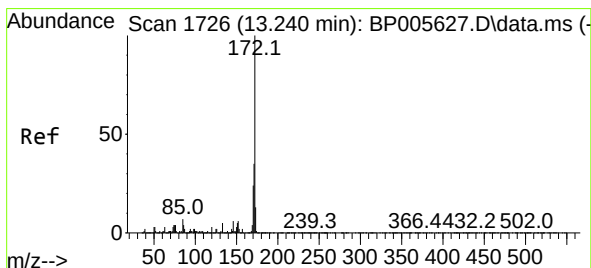
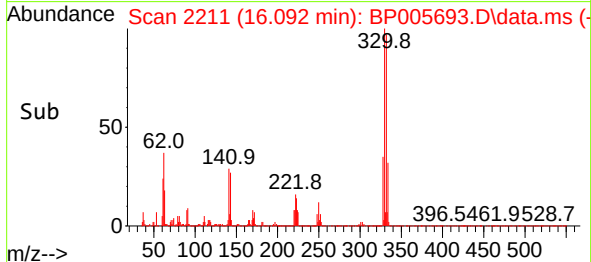
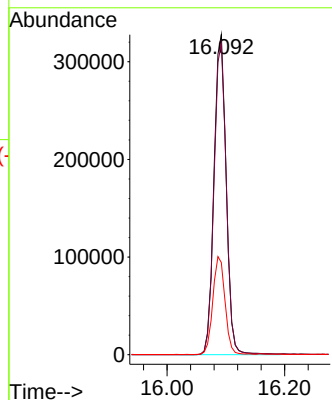
Instrument :
BNA_P
ClientSampleId :
18-B2(4-6)



Tgt Ion:330 Resp: 473009
Ion Ratio Lower Upper
330 100
332 98.0 76.3 114.5
141 30.7 22.8 34.2

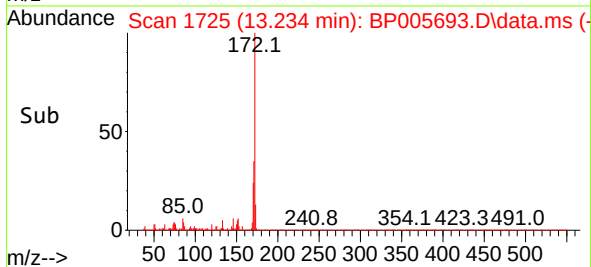
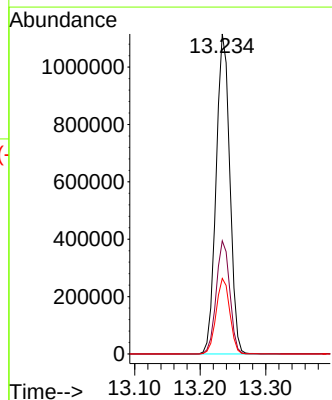
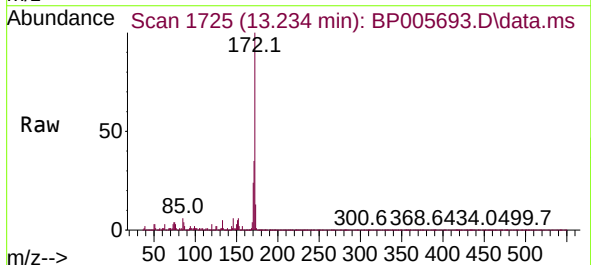
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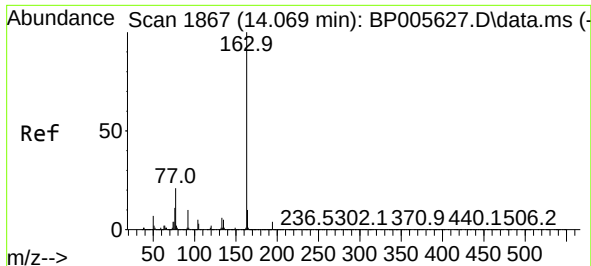
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#45
2-Fluorobiphenyl
Concen: 47.92 ng
RT: 13.234 min Scan# 1725
Delta R.T. -0.006 min
Lab File: BP005693.D
Acq: 03 Jun 2021 18:40

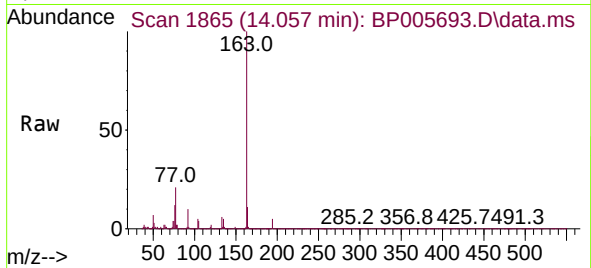
Tgt Ion:172 Resp: 1613691
Ion Ratio Lower Upper
172 100
171 35.4 28.1 42.1
170 23.6 19.6 29.4





#50
Dimethylphthalate
Concen: 5.27 ng
RT: 14.057 min Scan# 1865
Delta R.T. -0.012 min
Lab File: BP005693.D
Acq: 03 Jun 2021 18:40

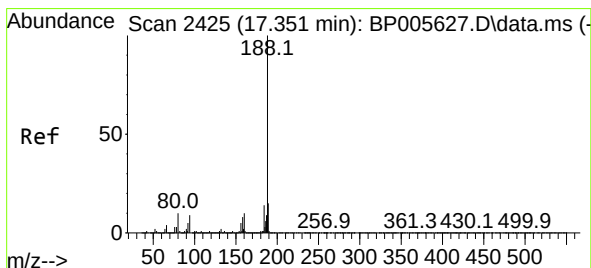
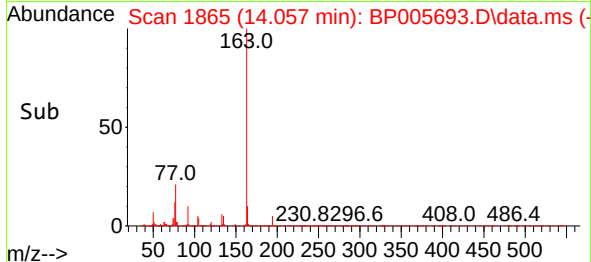
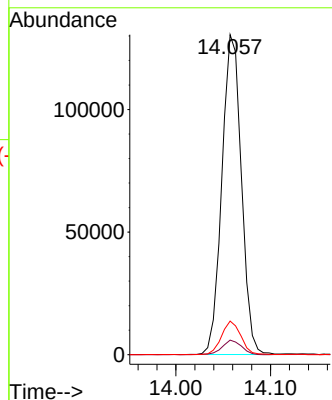
Instrument :
BNA_P
ClientSampleId :
18-B2(4-6)



Tgt Ion:163 Resp: 186887
Ion Ratio Lower Upper
163 100
194 4.6 3.9 5.9
164 10.5 8.1 12.1

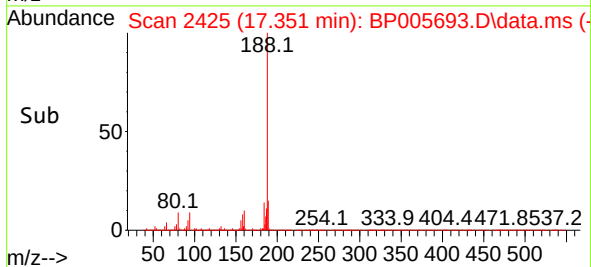
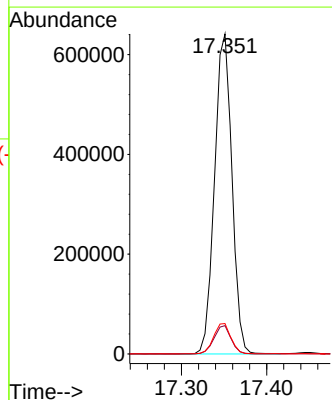
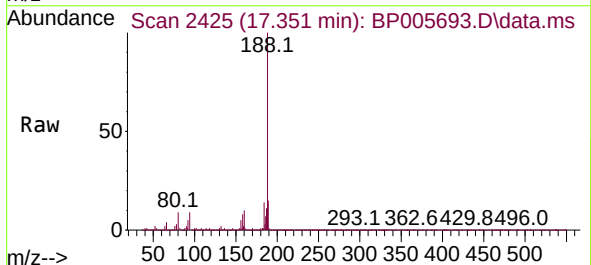
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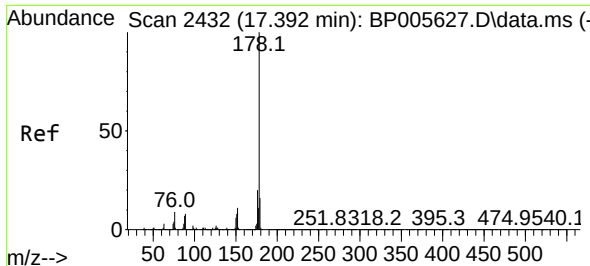
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#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.351 min Scan# 2425
Delta R.T. 0.000 min
Lab File: BP005693.D
Acq: 03 Jun 2021 18:40

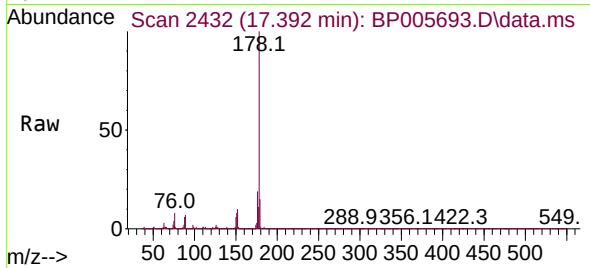
Tgt Ion:188 Resp: 909405
Ion Ratio Lower Upper
188 100
94 8.8 5.0 7.6#
80 9.5 5.9 8.9#





#71
Phenanthrene
Concen: 9.04 ng
RT: 17.392 min Scan# 2432
Delta R.T. -0.000 min
Lab File: BP005693.D
Acq: 03 Jun 2021 18:40

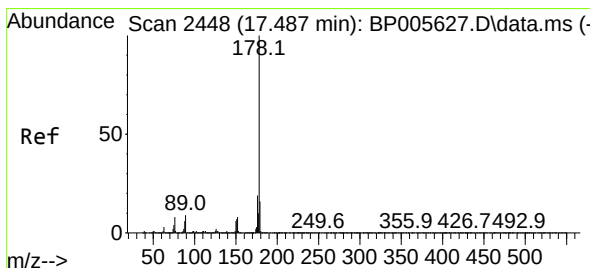
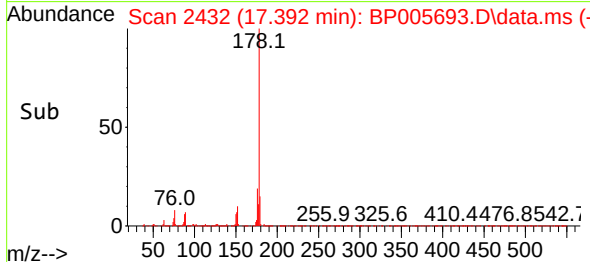
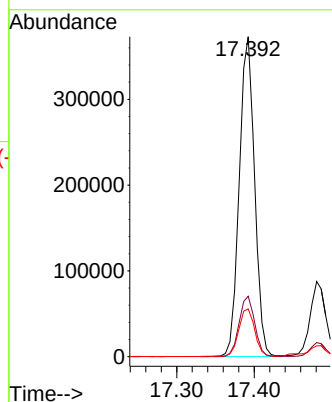
Instrument :
BNA_P
ClientSampled :
18-B2(4-6)



Tgt Ion:178 Resp: 511995
Ion Ratio Lower Upper
178 100
176 18.9 15.4 23.2
179 15.0 12.3 18.5

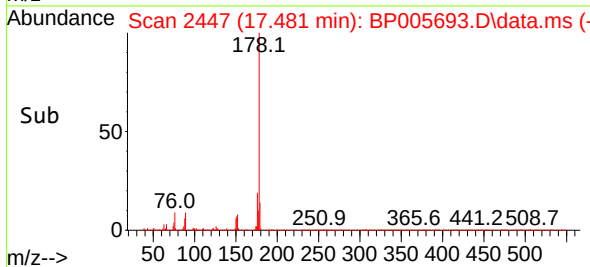
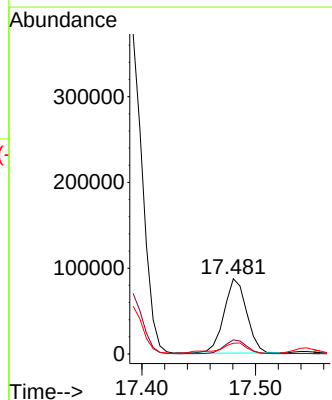
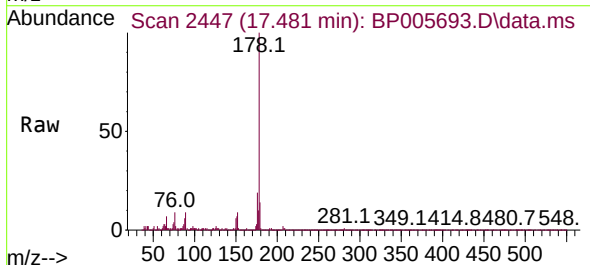
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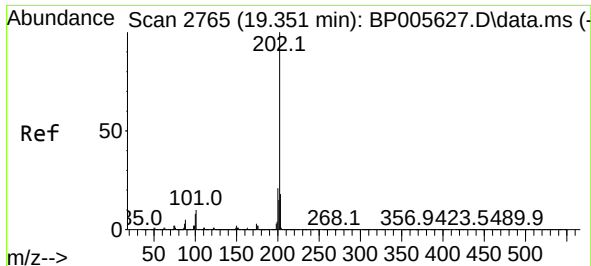
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#72
Anthracene
Concen: 2.14 ng
RT: 17.481 min Scan# 2447
Delta R.T. -0.006 min
Lab File: BP005693.D
Acq: 03 Jun 2021 18:40

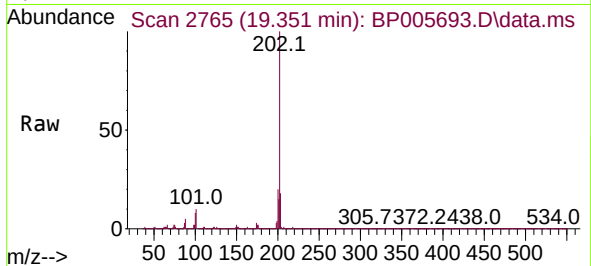
Tgt Ion:178 Resp: 119714
Ion Ratio Lower Upper
178 100
176 18.8 15.2 22.8
179 14.4 12.6 19.0





#75
Fluoranthene
Concen: 16.44 ng
RT: 19.351 min Scan# 2765
Delta R.T. -0.000 min
Lab File: BP005693.D
Acq: 03 Jun 2021 18:40

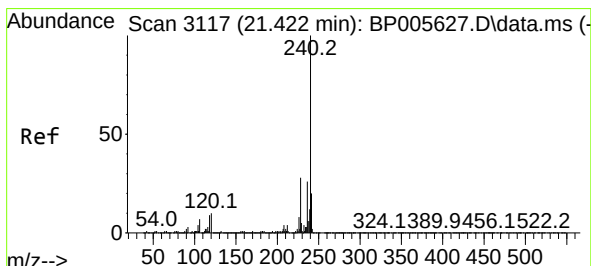
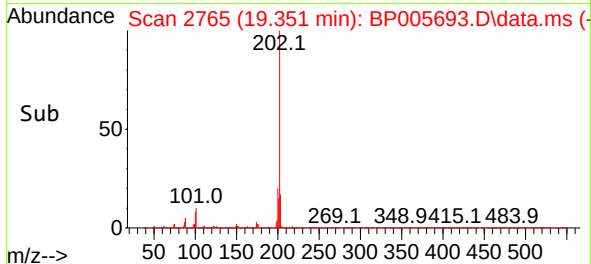
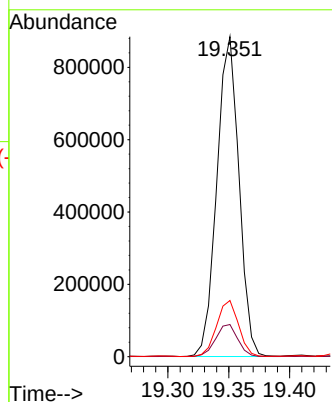
Instrument :
BNA_P
ClientSampled :
18-B2(4-6)



Tgt Ion:202 Resp: 1117878
Ion Ratio Lower Upper
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101 10.0 0.0 26.1
203 17.5 0.0 37.2

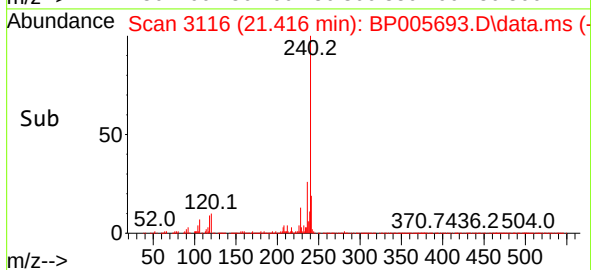
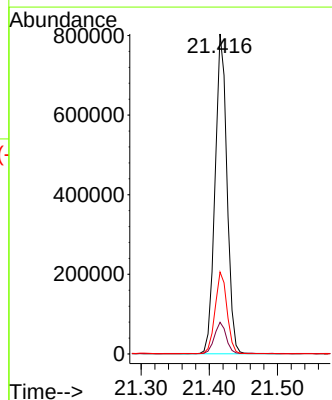
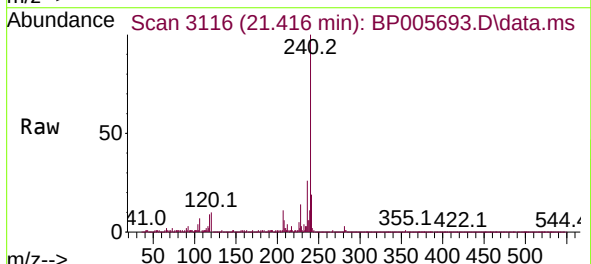
Manual Integrations
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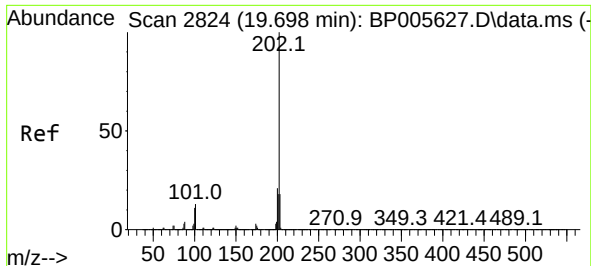
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#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.416 min Scan# 3116
Delta R.T. -0.006 min
Lab File: BP005693.D
Acq: 03 Jun 2021 18:40

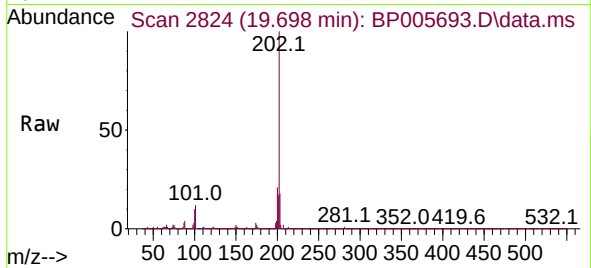
Tgt Ion:240 Resp: 976232
Ion Ratio Lower Upper
240 100
120 9.9 4.2 6.2#
236 25.6 20.2 30.2





#78
Pyrene
Concen: 15.04 ng
RT: 19.698 min Scan# 2824
Delta R.T. -0.000 min
Lab File: BP005693.D
Acq: 03 Jun 2021 18:40

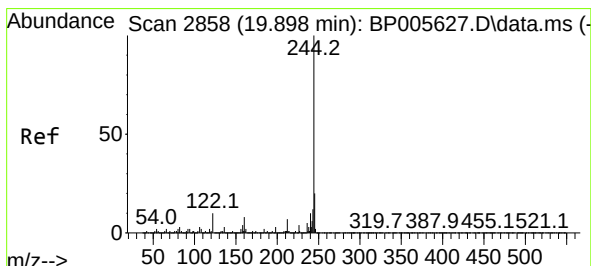
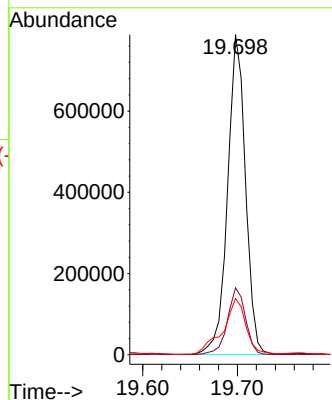
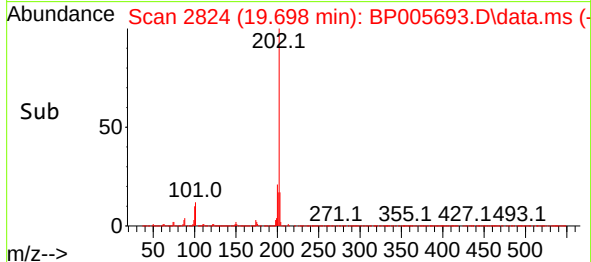
Instrument :
BNA_P
ClientSampled :
18-B2(4-6)



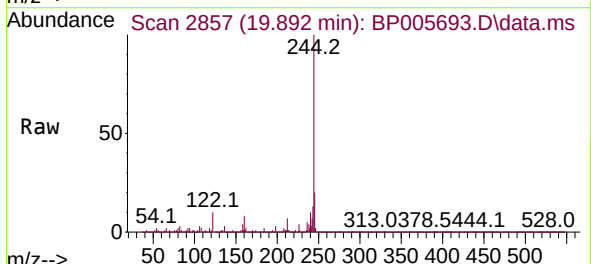
Tgt Ion:202 Resp: 1035830
Ion Ratio Lower Upper
202 100
200 20.9 16.9 25.3
203 17.5 13.8 20.6

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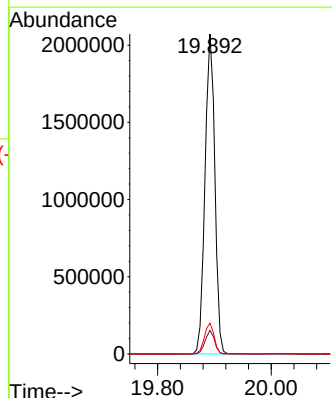
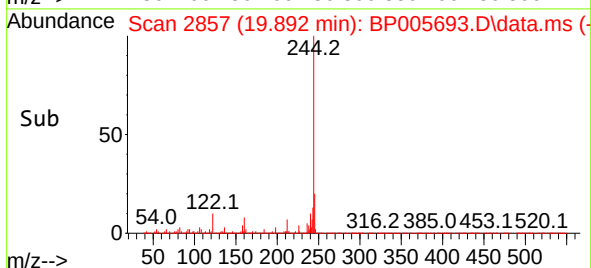
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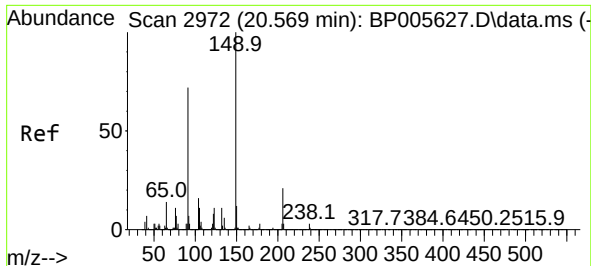


#79
Terphenyl-d14
Concen: 47.58 ng
RT: 19.892 min Scan# 2857
Delta R.T. -0.006 min
Lab File: BP005693.D
Acq: 03 Jun 2021 18:40



Tgt Ion:244 Resp: 2475627
Ion Ratio Lower Upper
244 100
212 7.4 5.8 8.6
122 9.7 5.2 7.8#





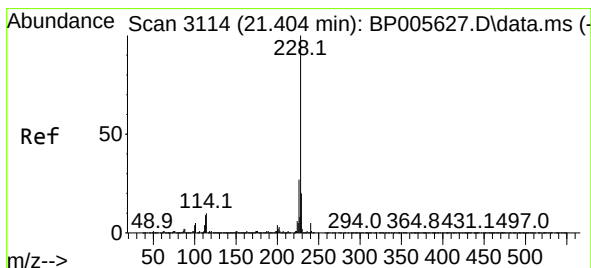
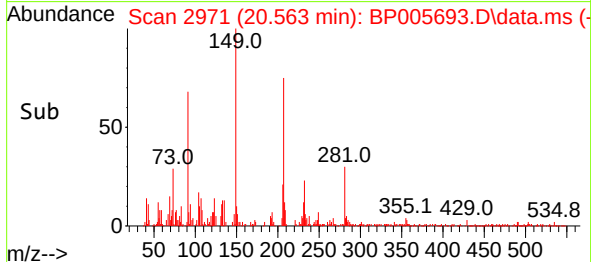
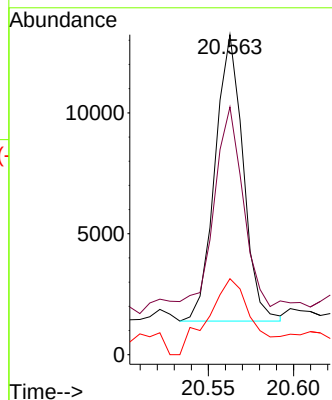
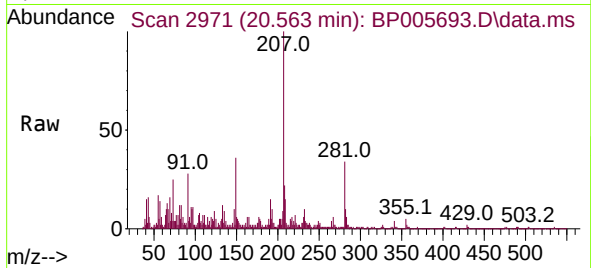
#80
Butylbenzylphthalate
Concen: 4.58 ng
RT: 20.563 min Scan# 2971
Delta R.T. -0.006 min
Lab File: BP005693.D
Acq: 03 Jun 2021 18:40

Tgt Ion	Ratio	Lower	Upper
149	100		
91	77.4	60.2	90.4
206	23.7	23.9	35.9#

Instrument :
BNA_P
ClientSampled :
18-B2(4-6)

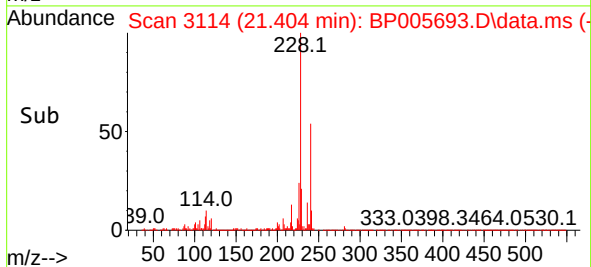
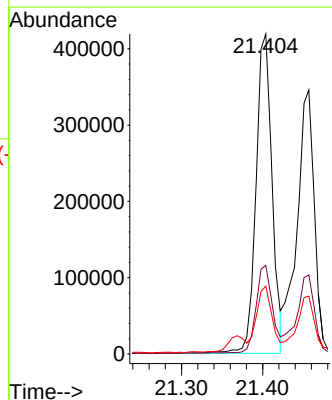
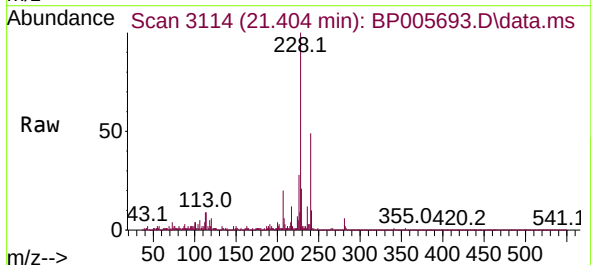
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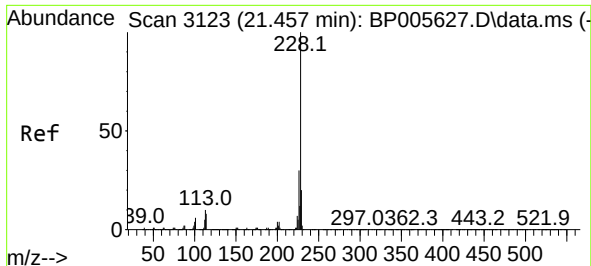
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#81
Benzo(a)anthracene
Concen: 8.01 ng
RT: 21.404 min Scan# 3114
Delta R.T. -0.000 min
Lab File: BP005693.D
Acq: 03 Jun 2021 18:40

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.7	21.2	31.8
229	21.2	15.6	23.4





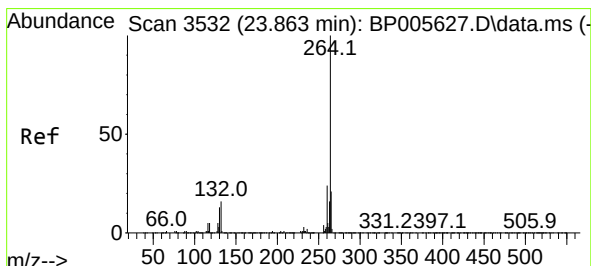
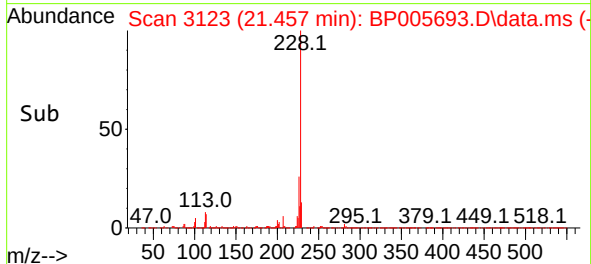
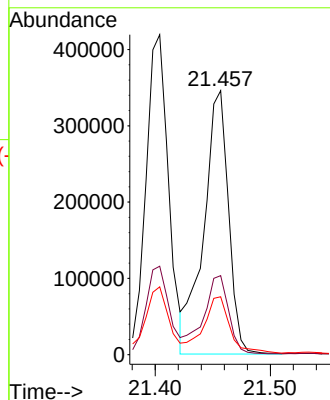
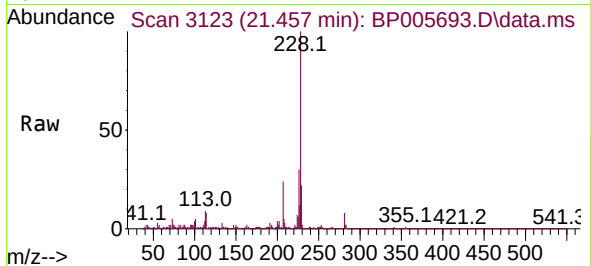
#83
Chrysene
Concen: 7.48 ng m
RT: 21.457 min Scan# 3123
Delta R.T. -0.000 min
Lab File: BP005693.D
Acq: 03 Jun 2021 18:40

Tgt Ion: 228 Resp: 518874
Ion Ratio Lower Upper
228 100
226 30.0 24.8 37.2
229 22.0 15.4 23.0

Instrument :
BNA_P
ClientSampled :
18-B2(4-6)

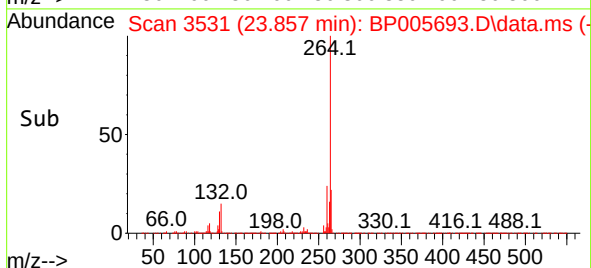
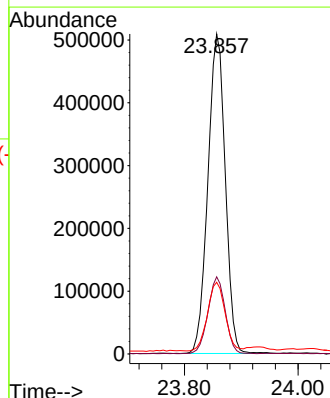
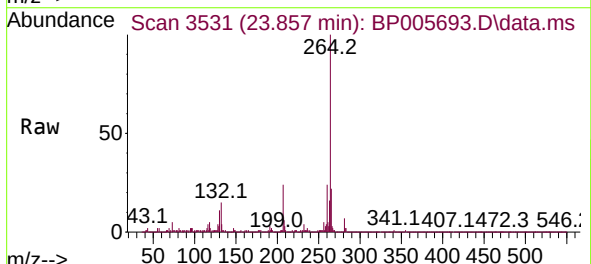
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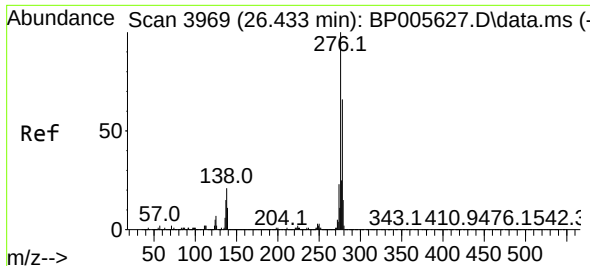
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#86
Perylene-d12
Concen: 20.00 ng
RT: 23.857 min Scan# 3531
Delta R.T. -0.006 min
Lab File: BP005693.D
Acq: 03 Jun 2021 18:40

Tgt Ion: 264 Resp: 1078799
Ion Ratio Lower Upper
264 100
260 24.1 20.6 30.8
265 22.4 19.0 28.6





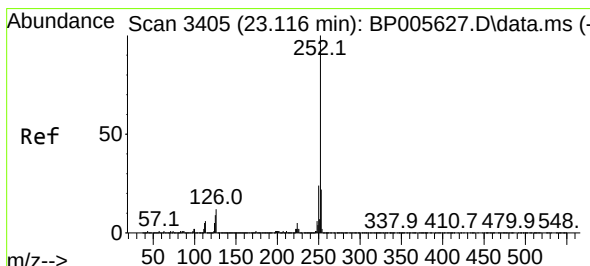
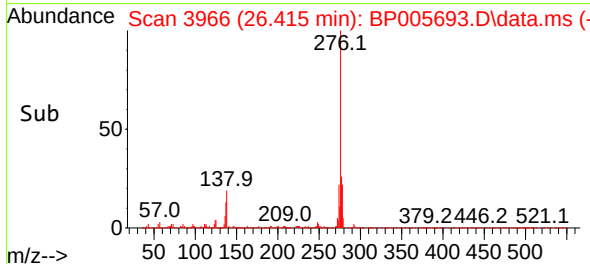
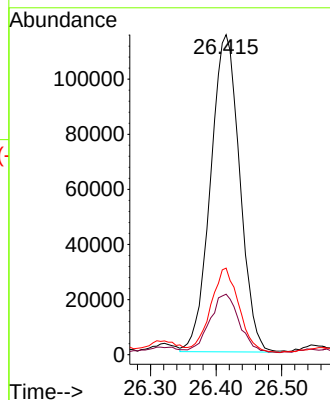
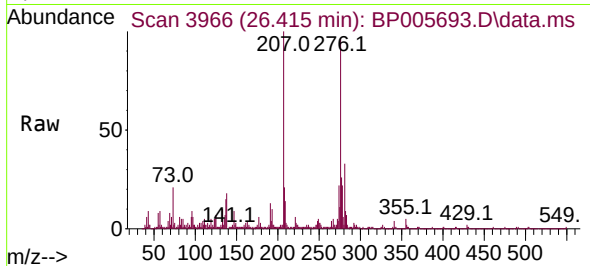
#87
Indeno(1,2,3-cd)pyrene
Concen: 3.88 ng
RT: 26.415 min Scan# 3966
Delta R.T. -0.018 min
Lab File: BP005693.D
Acq: 03 Jun 2021 18:40

Tgt Ion: 276 Resp: 355856
Ion Ratio Lower Upper
276 100
138 18.5 8.4 12.6#
277 25.6 20.6 31.0

Instrument :
BNA_P
ClientSampled :
18-B2(4-6)

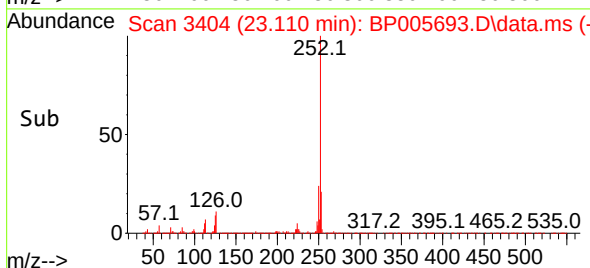
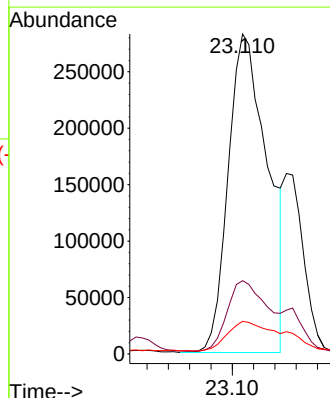
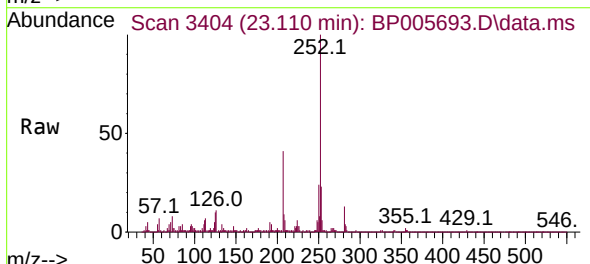
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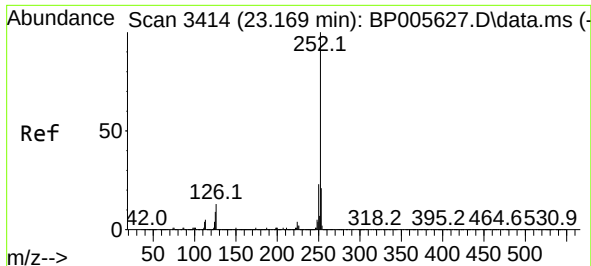
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#88
Benzo(b)fluoranthene
Concen: 9.24 ng
RT: 23.110 min Scan# 3404
Delta R.T. -0.006 min
Lab File: BP005693.D
Acq: 03 Jun 2021 18:40

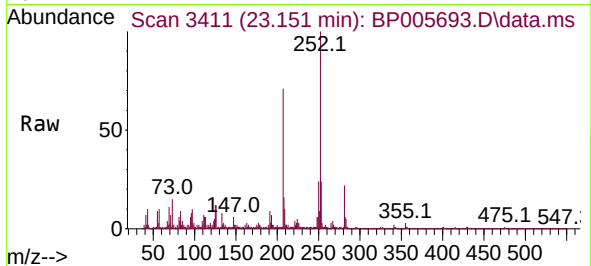
Tgt Ion: 252 Resp: 723391
Ion Ratio Lower Upper
252 100
253 22.9 18.2 27.2
125 10.2 3.4 5.0#





#89
Benzo(k)fluoranthene
Concen: 2.72 ng m
RT: 23.151 min Scan# 3411
Delta R.T. -0.018 min
Lab File: BP005693.D
Acq: 03 Jun 2021 18:40

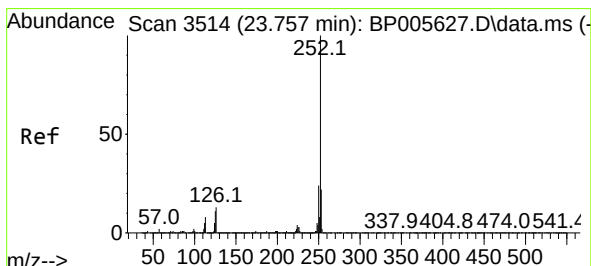
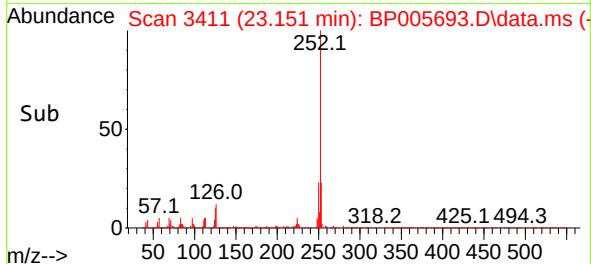
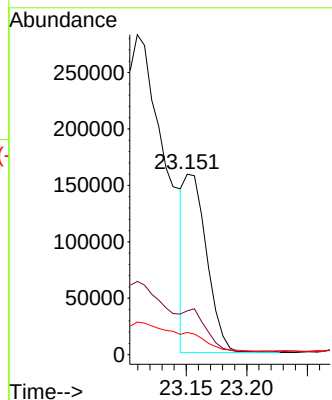
Instrument :
BNA_P
ClientSampled :
18-B2(4-6)



Tgt Ion:252 Resp: 201787
Ion Ratio Lower Upper
252 100
253 24.3 17.2 25.8
125 12.3 3.8 5.6#

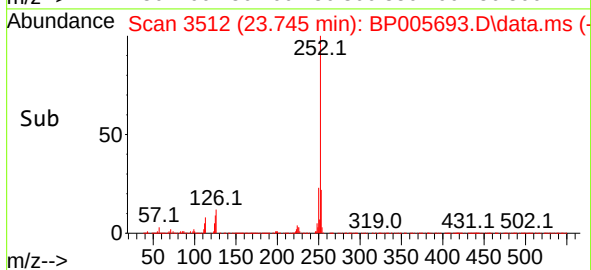
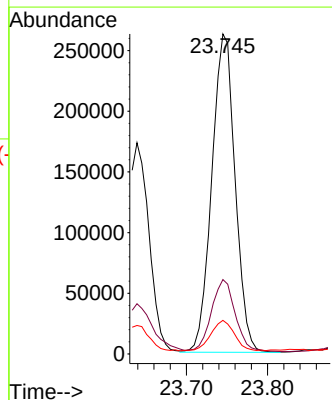
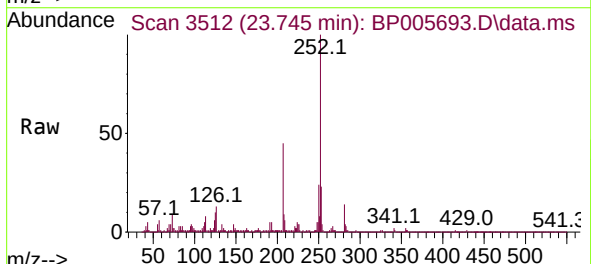
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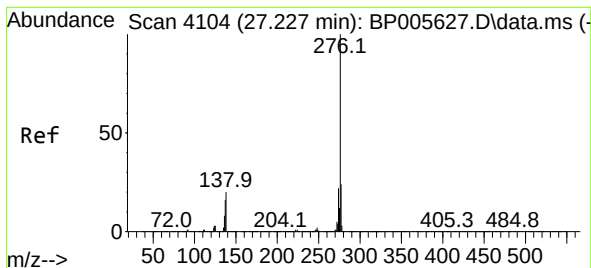
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#90
Benzo(a)pyrene
Concen: 7.36 ng
RT: 23.745 min Scan# 3512
Delta R.T. -0.012 min
Lab File: BP005693.D
Acq: 03 Jun 2021 18:40

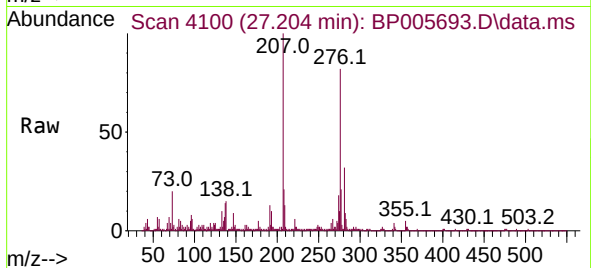
Tgt Ion:252 Resp: 523858
Ion Ratio Lower Upper
252 100
253 23.2 17.1 25.7
125 10.5 3.8 5.6#





#92
Benzo(g,h,i)perylene
Concen: 4.41 ng
RT: 27.204 min Scan# 4100
Delta R.T. -0.024 min
Lab File: BP005693.D
Acq: 03 Jun 2021 18:40

Instrument :
BNA_P
ClientSampleId :
18-B2(4-6)



Tgt Ion: 276 Resp: 338648
Ion Ratio Lower Upper
276 100
277 25.3 19.8 29.8
138 18.6 7.7 11.5#

Manual Integrations
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