

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071221\
 Data File : BP006187.D
 Acq On : 12 Jul 2021 18:30
 Operator : CG/JU
 Sample : M3001-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 N9994

Manual Integrations
 APPROVED

mohammad
 7/13/2021 1:42:16 PM

Quant Time: Jul 13 04:15:46 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 12 14:59:51 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.857	152	201156	20.000	ng	0.00
21) Naphthalene-d8	10.663	136	798102	20.000	ng	0.00
39) Acenaphthene-d10	14.498	164	469015	20.000	ng	0.00
64) Phenanthrene-d10	17.263	188	835997	20.000	ng	# 0.01
76) Chrysene-d12	21.345	240	865622	20.000	ng	# 0.02
86) Perylene-d12	23.721	264	938089	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	1231910	105.375	ng	0.00
7) Phenol-d6	7.051	99	1512425	97.805	ng	0.00
23) Nitrobenzene-d5	9.028	82	874194	69.187	ng	0.00
42) 2,4,6-Tribromophenol	16.004	330	612858	109.754	ng	0.00
45) 2-Fluorobiphenyl	13.122	172	2058228	64.876	ng	0.00
79) Terphenyl-d14	19.815	244	2910239	66.286	ng	0.01
Target Compounds						Qvalue
32) Benzoic acid	10.039	122	11268m	8.114	ng	
71) Phenanthrene	17.304	178	182432	3.864	ng	# 22
74) Di-n-butylphthalate	18.198	149	159960	2.899	ng	# 45
75) Fluoranthene	19.280	202	621137	12.004	ng	79
78) Pyrene	19.633	202	563331	9.628	ng	# 84
81) Benzo(a)anthracene	21.327	228	262392	4.793	ng	# 90
83) Chrysene	21.380	228	350935m	6.486	ng	
84) Bis(2-ethylhexyl)phtha...	21.233	149	103425	2.414	ng	# 87
87) Indeno(1,2,3-cd)pyrene	26.221	276	239688	3.466	ng	# 92
88) Benzo(b)fluoranthene	22.992	252	541268	9.512	ng	# 81
89) Benzo(k)fluoranthene	23.033	252	146037m	2.626	ng	
90) Benzo(a)pyrene	23.615	252	241897	4.530	ng	# 80
92) Benzo(g,h,i)perylene	26.991	276	233183	3.979	ng	# 84

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

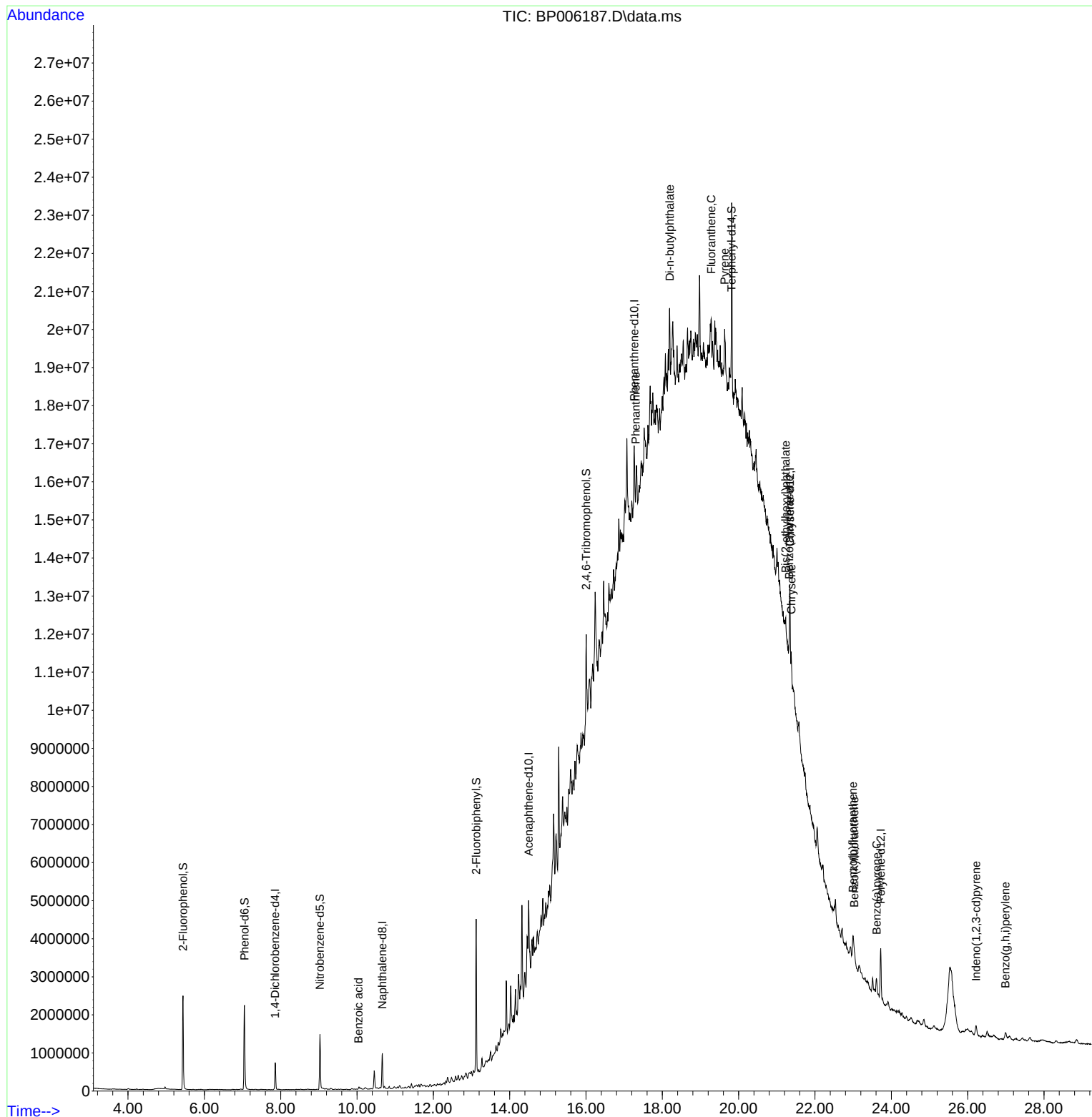
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071221\
Data File : BP006187.D
Acq On : 12 Jul 2021 18:30
Operator : CG/JU
Sample : M3001-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

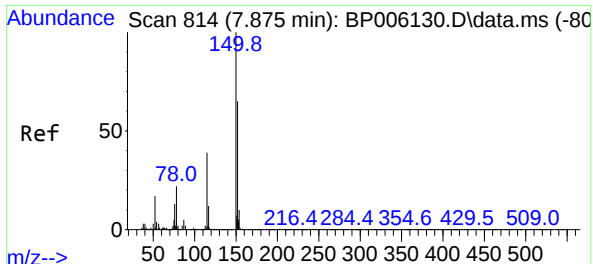
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070721.M
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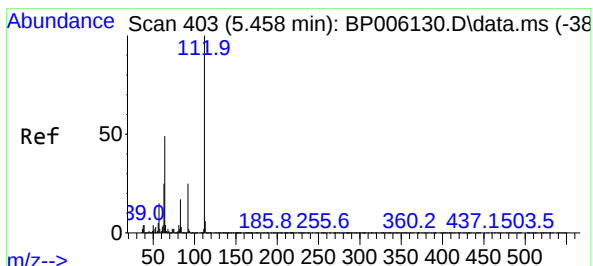
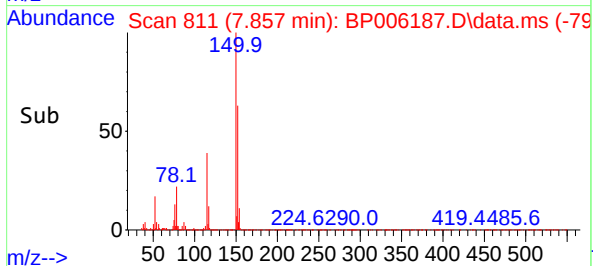
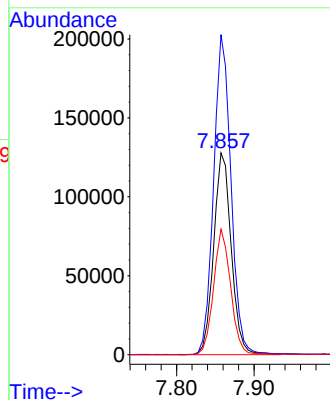
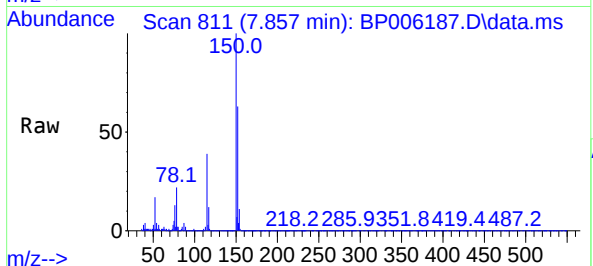
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.857 min Scan# 811
Delta R.T. -0.006 min
Lab File: BP006187.D
Acq: 12 Jul 2021 18:30

Tgt Ion:152 Resp: 201156
Ion Ratio Lower Upper
152 100
150 158.6 125.6 188.4
115 62.2 48.5 72.7

Instrument :
BNA_P
ClientSampled :
N9994

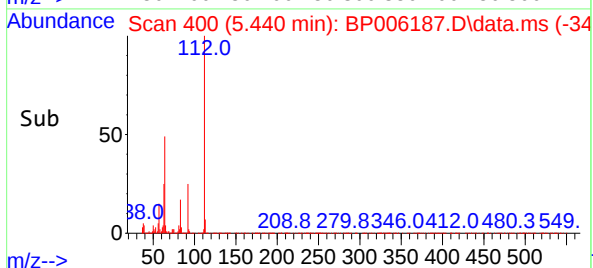
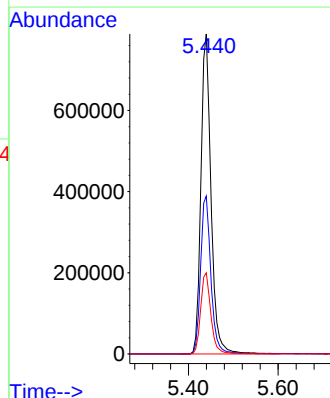
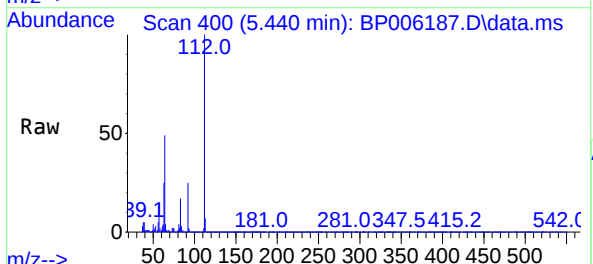
Manual Integrations
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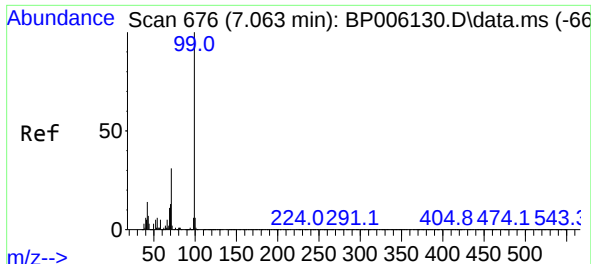
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#5
2-Fluorophenol
Concen: 105.375 ng
RT: 5.440 min Scan# 400
Delta R.T. 0.000 min
Lab File: BP006187.D
Acq: 12 Jul 2021 18:30

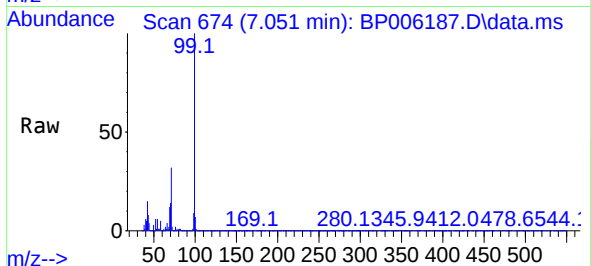
Tgt Ion:112 Resp: 1231910
Ion Ratio Lower Upper
112 100
64 49.4 41.4 62.2
63 25.4 23.8 35.8





#7
Phenol-d6
Concen: 97.805 ng
RT: 7.051 min Scan# 674
Delta R.T. 0.006 min
Lab File: BP006187.D
Acq: 12 Jul 2021 18:30

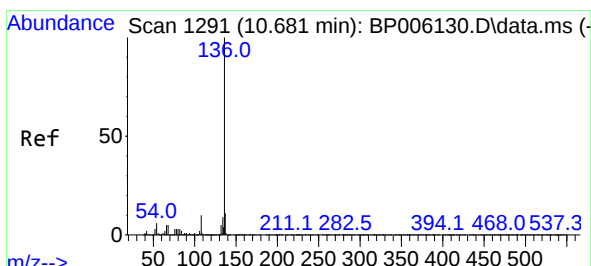
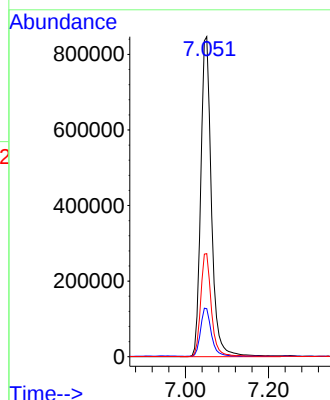
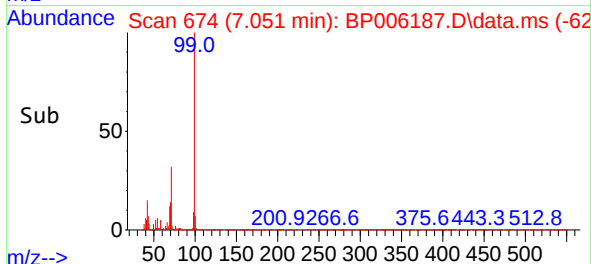
Instrument :
BNA_P
ClientSampleId :
N9994



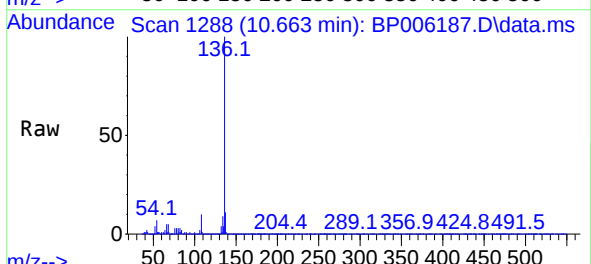
Tgt Ion: 99 Resp: 1512425
Ion Ratio Lower Upper
99 100
42 15.0 13.4 20.0
71 32.2 30.6 46.0

Manual Integrations
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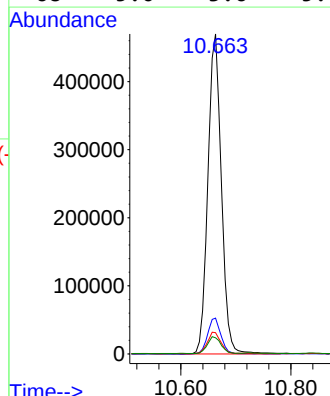
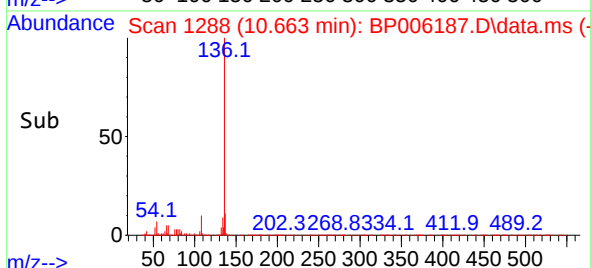
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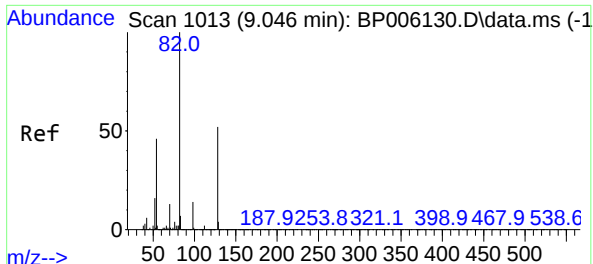


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.663 min Scan# 1288
Delta R.T. 0.000 min
Lab File: BP006187.D
Acq: 12 Jul 2021 18:30



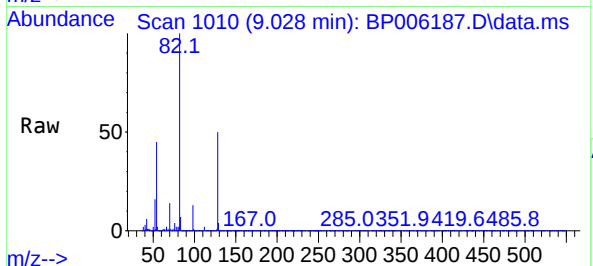
Tgt Ion: 136 Resp: 798102
Ion Ratio Lower Upper
136 100
137 11.2 8.6 12.8
54 6.7 4.6 6.8
68 5.0 3.6 5.4





#23
Nitrobenzene-d5
Concen: 69.187 ng
RT: 9.028 min Scan# 1010
Delta R.T. -0.006 min
Lab File: BP006187.D
Acq: 12 Jul 2021 18:30

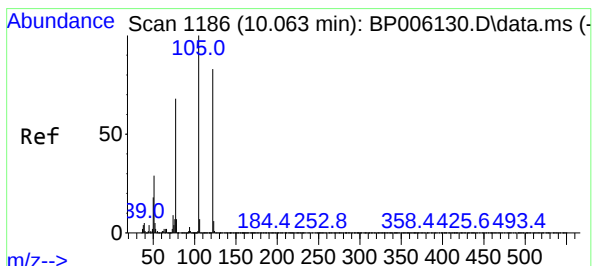
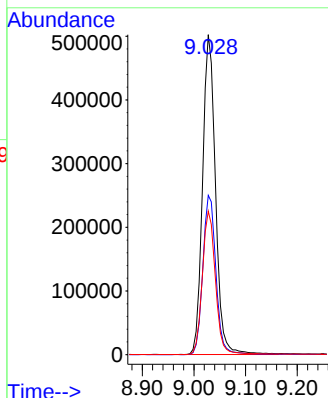
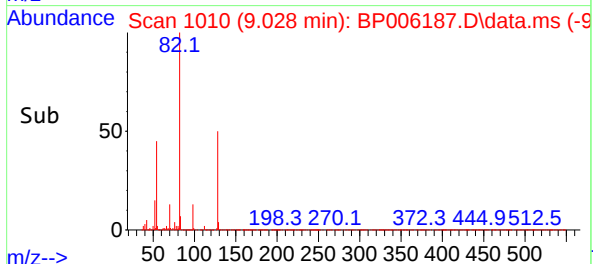
Instrument :
BNA_P
ClientSampled :
N9994



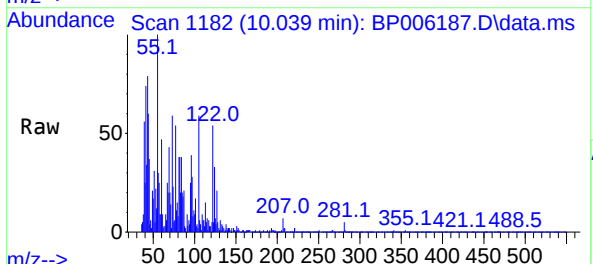
Tgt Ion: 82 Resp: 874194
Ion Ratio Lower Upper
82 100
128 49.8 35.7 53.5
54 44.8 35.0 52.4

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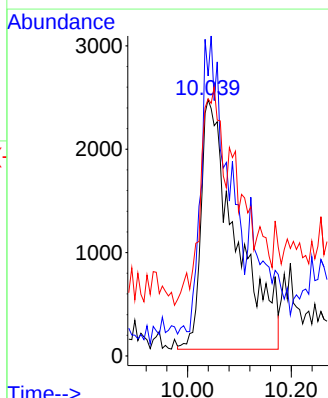
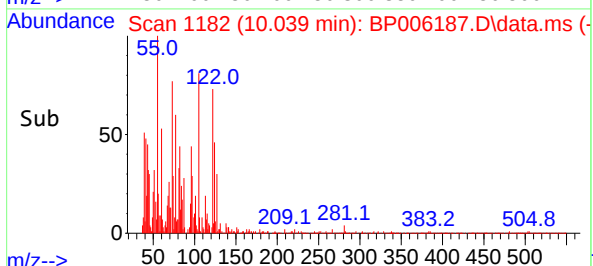
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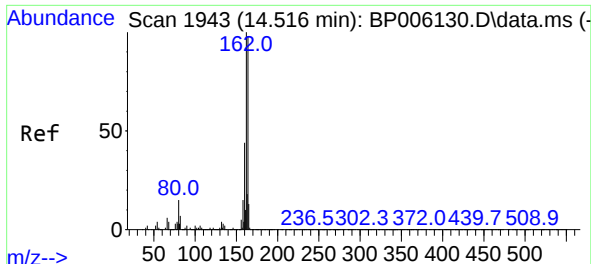


#32
Benzoic acid
Concen: 8.114 ng m
RT: 10.039 min Scan# 1182
Delta R.T. -0.023 min
Lab File: BP006187.D
Acq: 12 Jul 2021 18:30



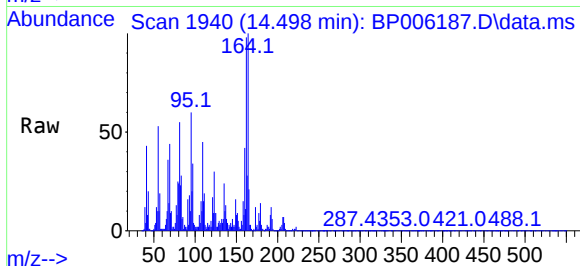
Tgt Ion: 122 Resp: 11268
Ion Ratio Lower Upper
122 100
105 109.2 103.2 143.2
77 100.3 76.2 116.2





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.498 min Scan# 1940
Delta R.T. 0.000 min
Lab File: BP006187.D
Acq: 12 Jul 2021 18:30

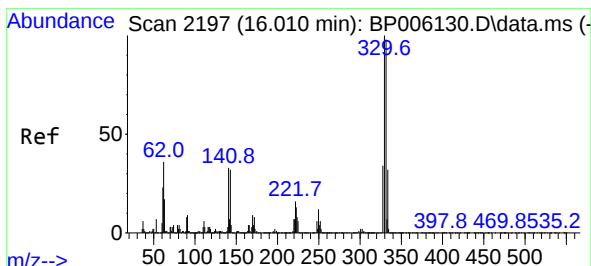
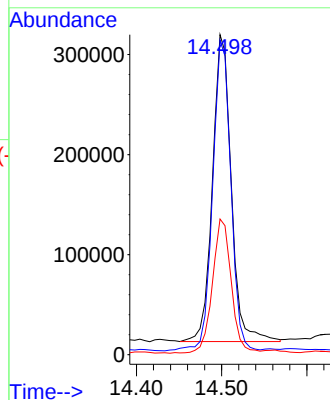
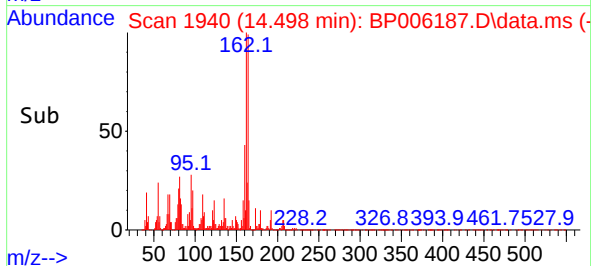
Instrument :
BNA_P
ClientSampled :
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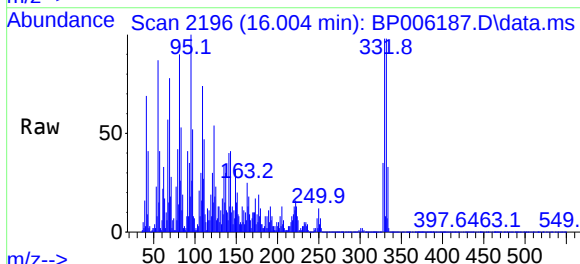
Tgt Ion:164 Resp: 469015
Ion Ratio Lower Upper
164 100
162 98.3 80.2 120.2
160 42.4 34.5 51.7

Manual Integrations
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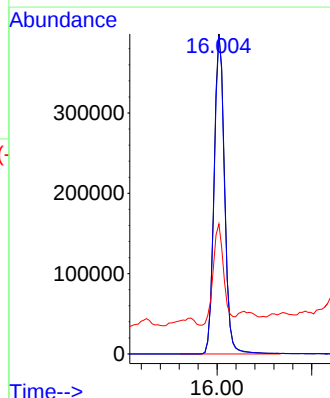
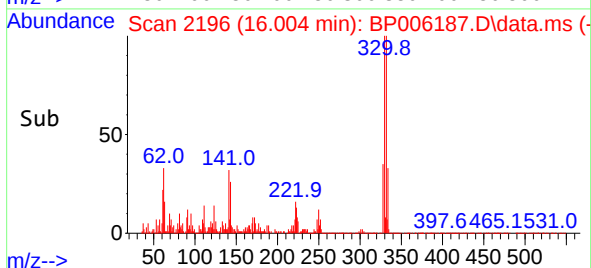
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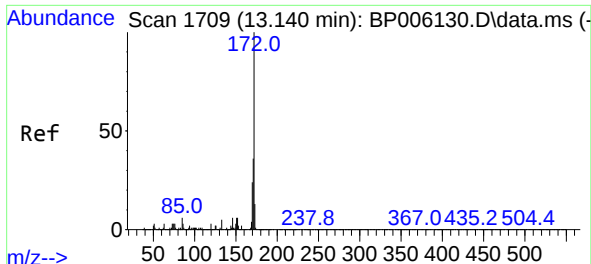


#42
2,4,6-Tribromophenol
Concen: 109.754 ng
RT: 16.004 min Scan# 2196
Delta R.T. 0.006 min
Lab File: BP006187.D
Acq: 12 Jul 2021 18:30



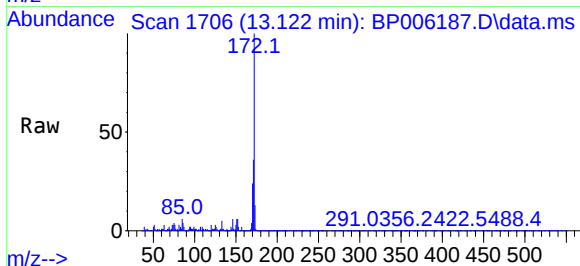
Tgt Ion:330 Resp: 612858
Ion Ratio Lower Upper
330 100
332 97.9 77.8 116.8
141 32.5 25.4 38.2





#45
2-Fluorobiphenyl
Concen: 64.876 ng
RT: 13.122 min Scan# 1706
Delta R.T. 0.000 min
Lab File: BP006187.D
Acq: 12 Jul 2021 18:30

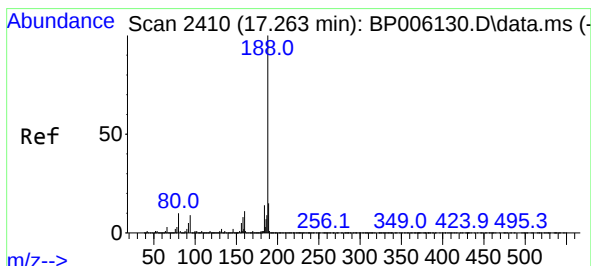
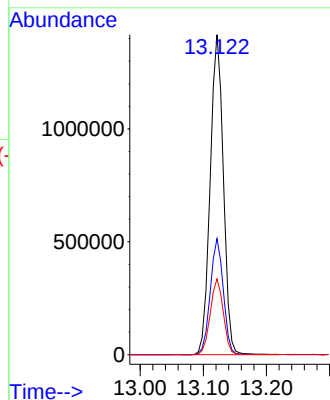
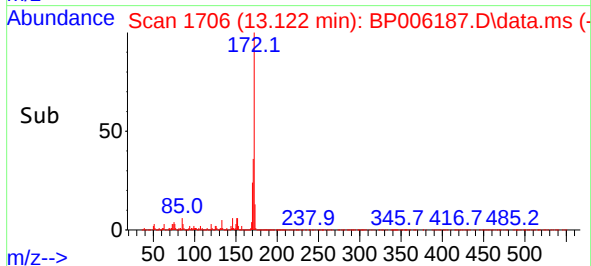
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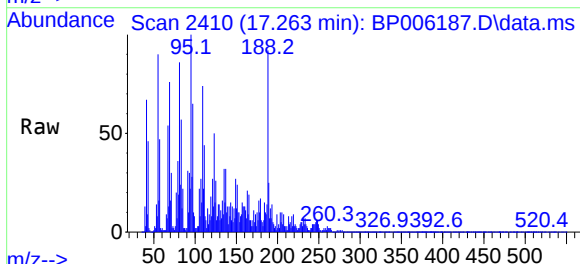
Tgt Ion:172 Resp: 2058228
Ion Ratio Lower Upper
172 100
171 36.3 27.9 41.9
170 23.6 18.6 27.8

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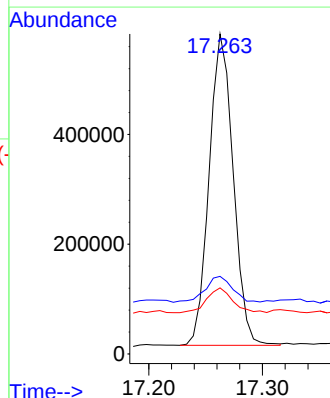
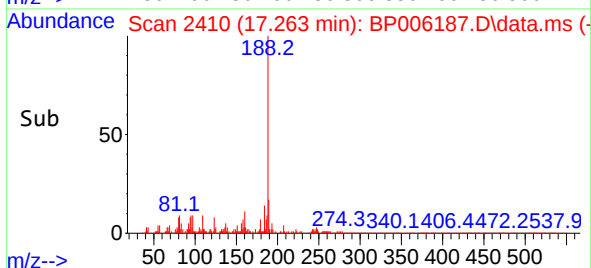
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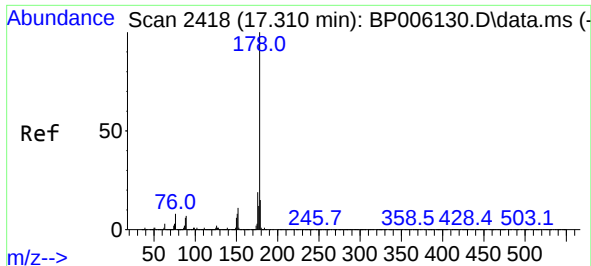


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.263 min Scan# 2410
Delta R.T. 0.012 min
Lab File: BP006187.D
Acq: 12 Jul 2021 18:30



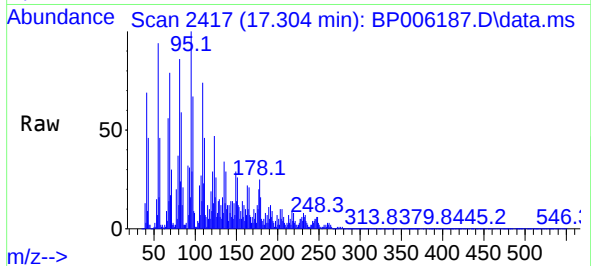
Tgt Ion:188 Resp: 835997
Ion Ratio Lower Upper
188 100
94 24.3 5.6 8.4#
80 20.7 6.3 9.5#





#71
Phenanthrene
Concen: 3.864 ng
RT: 17.304 min Scan# 2417
Delta R.T. 0.012 min
Lab File: BP006187.D
Acq: 12 Jul 2021 18:30

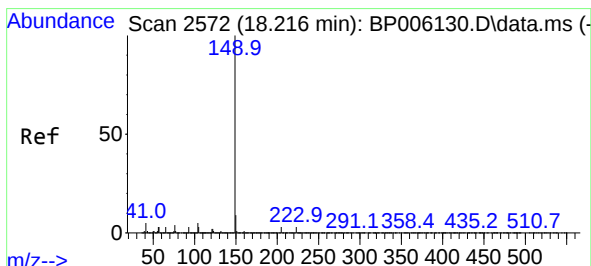
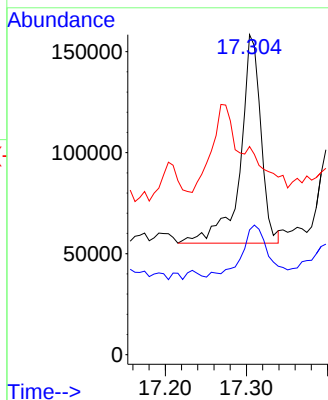
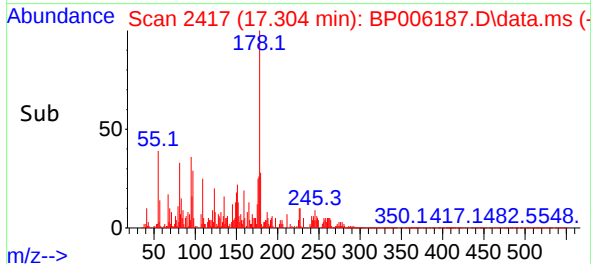
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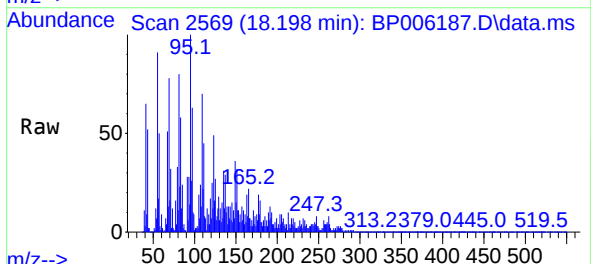
Tgt Ion:178 Resp: 182432
Ion Ratio Lower Upper
178 100
176 39.0 15.1 22.7#
179 65.1 12.4 18.6#

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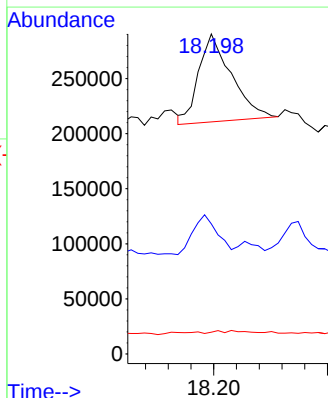
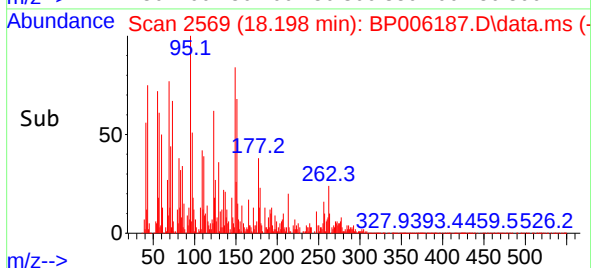
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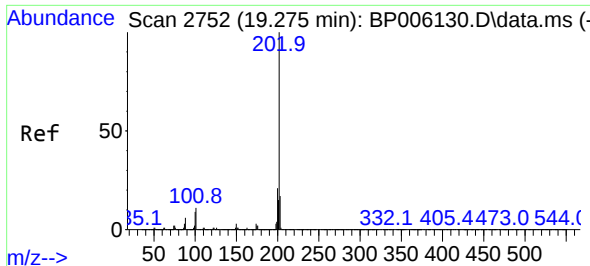


#74
Di-n-butylphthalate
Concen: 2.899 ng
RT: 18.198 min Scan# 2569
Delta R.T. 0.000 min
Lab File: BP006187.D
Acq: 12 Jul 2021 18:30

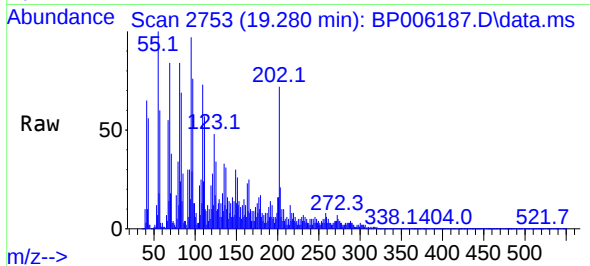


Tgt Ion:149 Resp: 159960
Ion Ratio Lower Upper
149 100
150 40.7 7.3 10.9#
104 6.8 4.5 6.7#

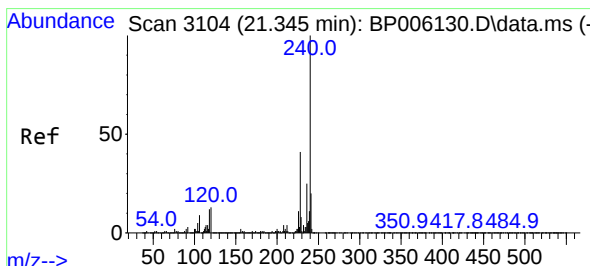
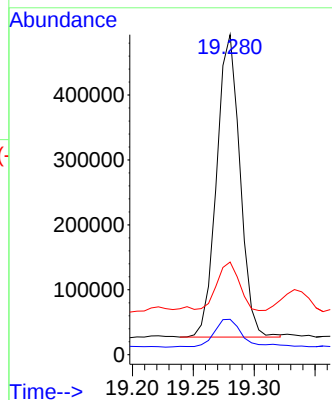
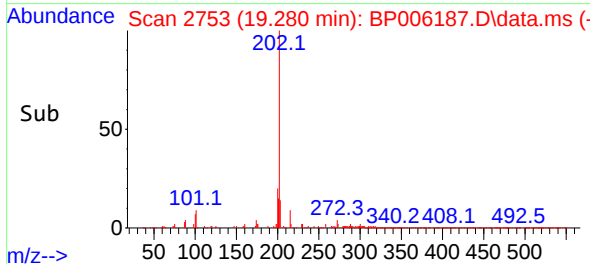




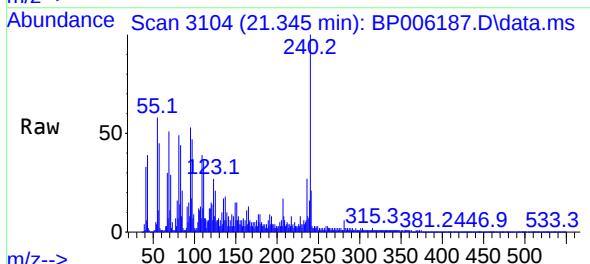
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Fluoranthene
Concen: 12.004 ng
RT: 19.280 min Scan# 2753
Delta R.T. 0.024 min
Lab File: BP006187.D
Acq: 12 Jul 2021 18:30



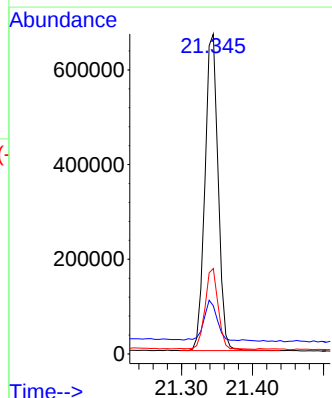
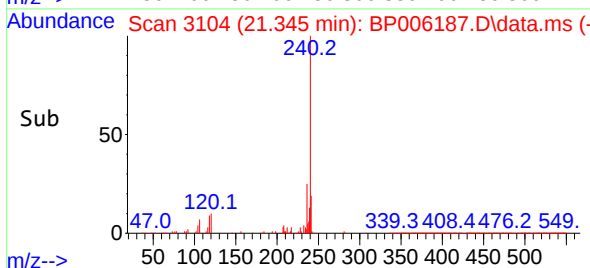
Tgt Ion:202 Resp: 621137
Ion Ratio Lower Upper
202 100
101 11.1 0.0 27.6
203 28.9 0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.345 min Scan# 3104
Delta R.T. 0.018 min
Lab File: BP006187.D
Acq: 12 Jul 2021 18:30



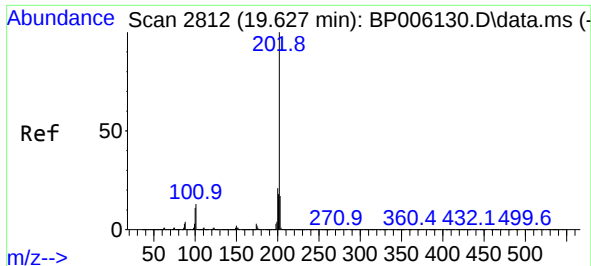
Tgt Ion:240 Resp: 865622
Ion Ratio Lower Upper
240 100
120 15.1 6.5 9.7#
236 26.7 20.6 31.0



Instrument :
BNA_P
ClientSampled :
N9994

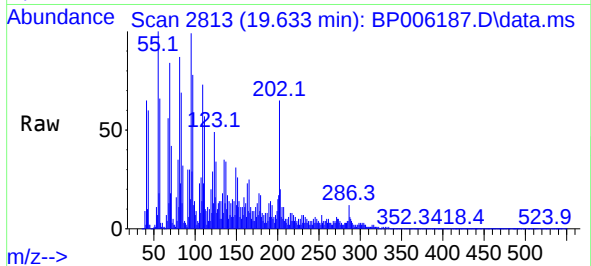
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#78
Pyrene
Concen: 9.628 ng
RT: 19.633 min Scan# 2813
Delta R.T. 0.024 min
Lab File: BP006187.D
Acq: 12 Jul 2021 18:30

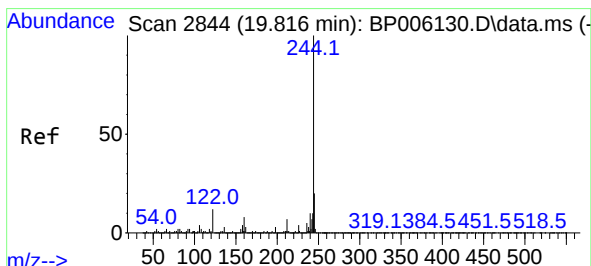
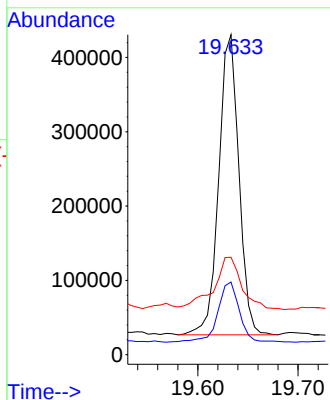
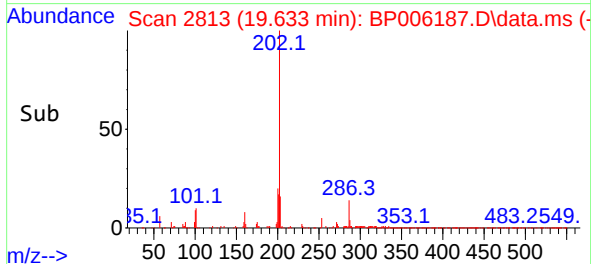
Instrument :
BNA_P
ClientSampled :
N9994



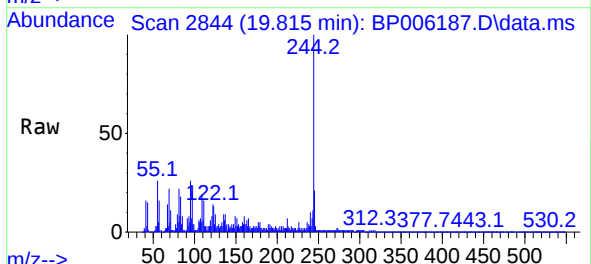
Tgt Ion:202 Resp: 563331
Ion Ratio Lower Upper
202 100
200 22.7 16.3 24.5
203 30.5 14.2 21.2#

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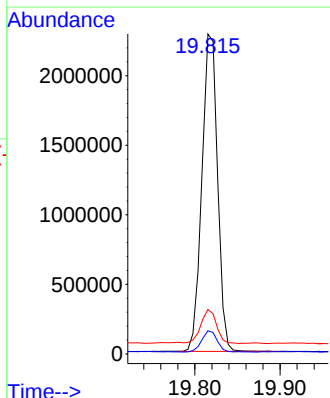
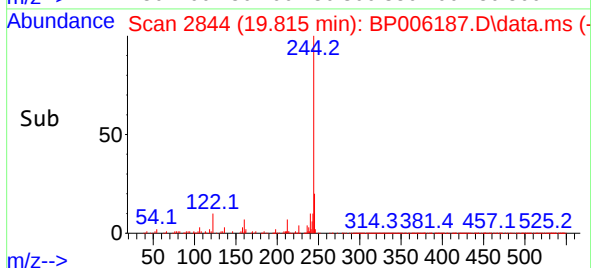
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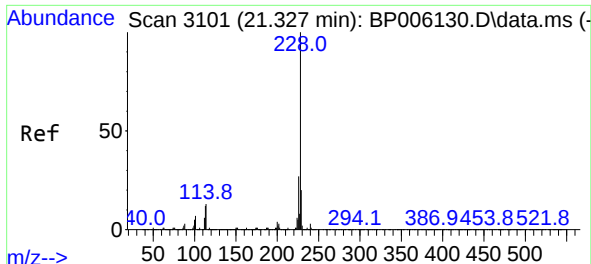


#79
Terphenyl-d14
Concen: 66.286 ng
RT: 19.815 min Scan# 2844
Delta R.T. 0.012 min
Lab File: BP006187.D
Acq: 12 Jul 2021 18:30



Tgt Ion:244 Resp: 2910239
Ion Ratio Lower Upper
244 100
212 7.3 6.0 9.0
122 13.9 7.1 10.7#





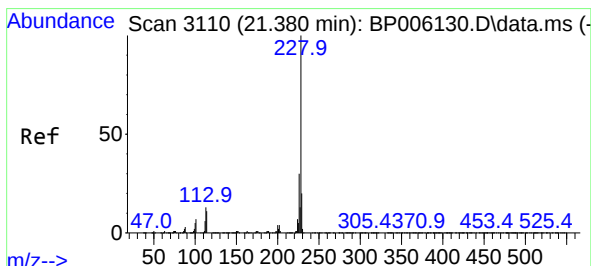
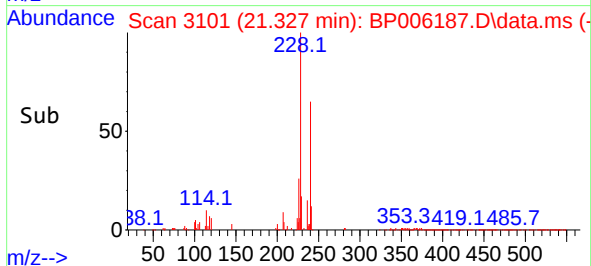
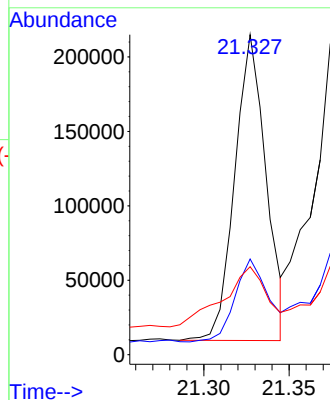
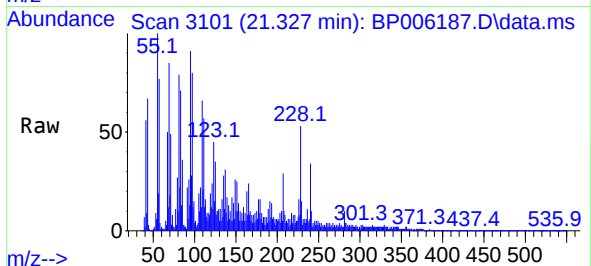
#81
Benzo(a)anthracene
Concen: 4.793 ng
RT: 21.327 min Scan# 3101
Delta R.T. 0.012 min
Lab File: BP006187.D
Acq: 12 Jul 2021 18:30

Tgt Ion:228 Resp: 262392
Ion Ratio Lower Upper
228 100
226 29.9 21.6 32.4
229 27.5 15.8 23.6#

Instrument :
BNA_P
ClientSampled :
N9994

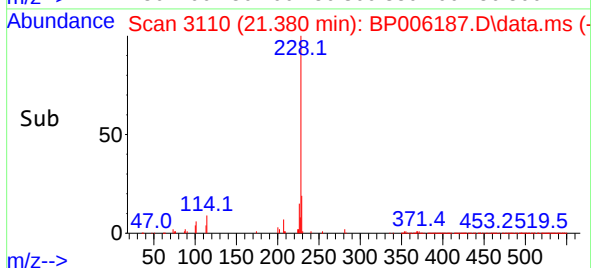
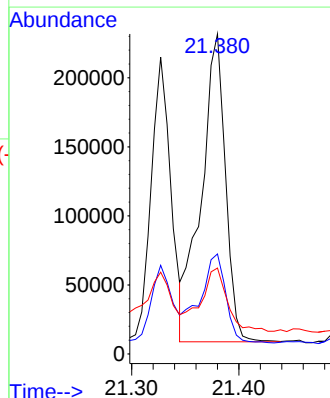
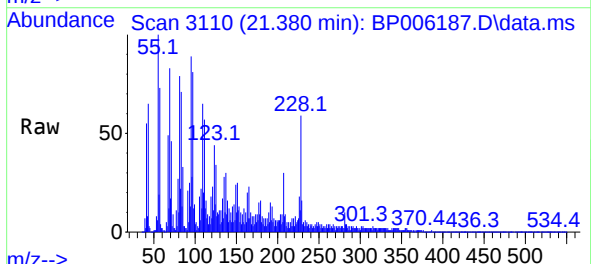
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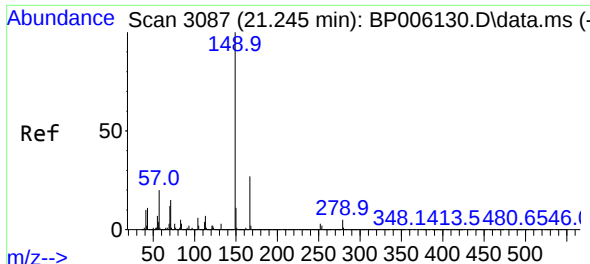
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#83
Chrysene
Concen: 6.486 ng m
RT: 21.380 min Scan# 3110
Delta R.T. 0.012 min
Lab File: BP006187.D
Acq: 12 Jul 2021 18:30

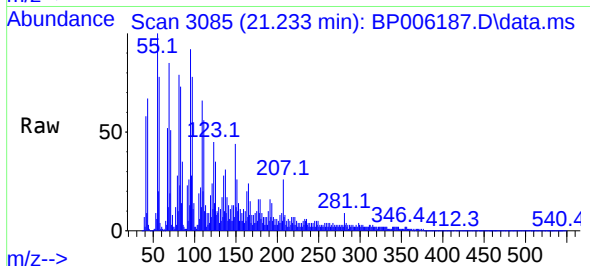
Tgt Ion:228 Resp: 350935
Ion Ratio Lower Upper
228 100
226 31.3 23.8 35.6
229 26.8 15.4 23.2#





#84
Bis(2-ethylhexyl)phthalate
Concen: 2.414 ng
RT: 21.233 min Scan# 3085
Delta R.T. 0.006 min
Lab File: BP006187.D
Acq: 12 Jul 2021 18:30

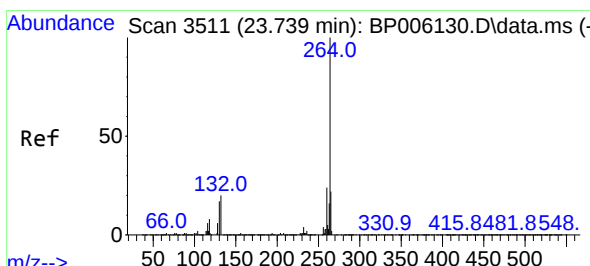
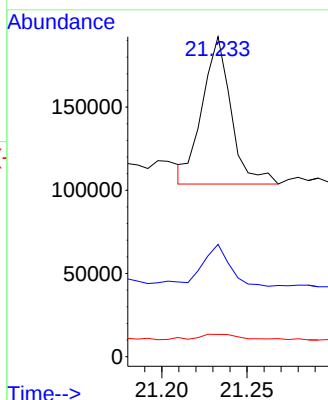
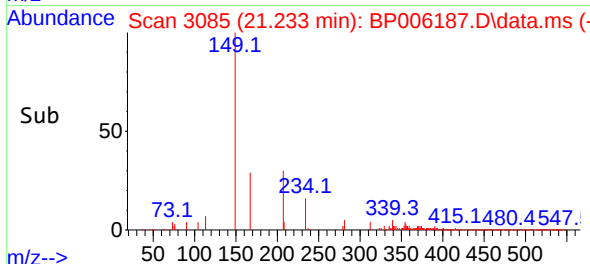
Instrument :
BNA_P
ClientSampled :
N9994



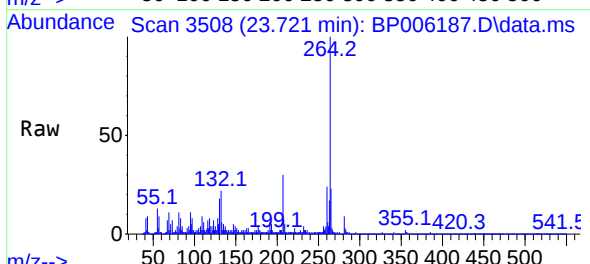
Tgt Ion:149 Resp: 103425
Ion Ratio Lower Upper
149 100
167 35.1 21.9 32.9#
279 7.0 4.3 6.5#

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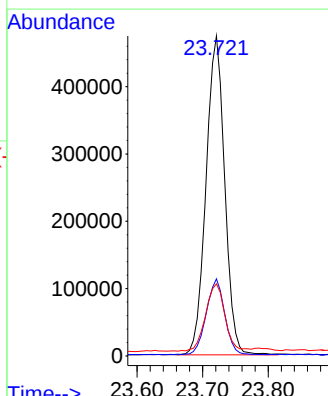
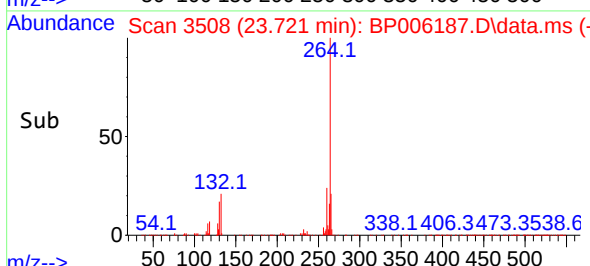
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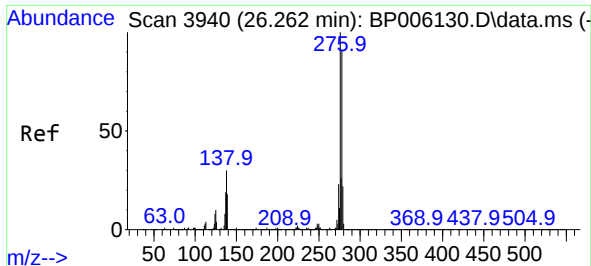


#86
Perylene-d12
Concen: 20.000 ng
RT: 23.721 min Scan# 3508
Delta R.T. 0.006 min
Lab File: BP006187.D
Acq: 12 Jul 2021 18:30

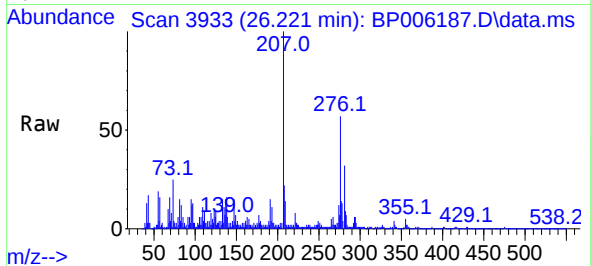


Tgt Ion:264 Resp: 938089
Ion Ratio Lower Upper
264 100
260 24.1 18.6 28.0
265 22.6 17.6 26.4

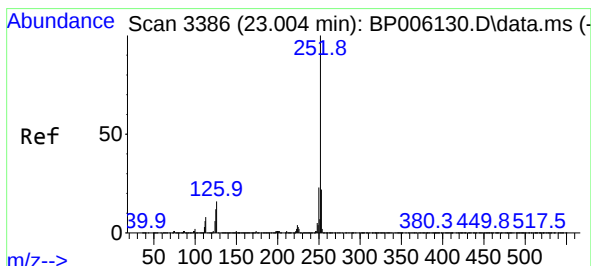
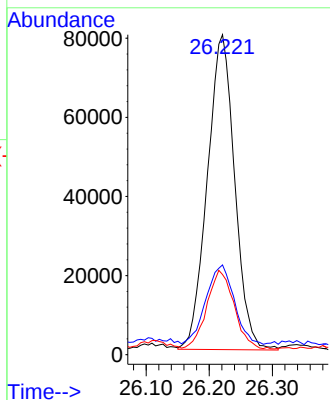
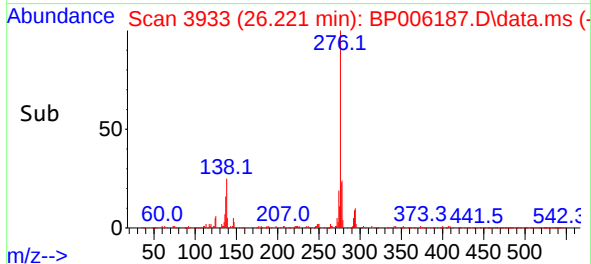




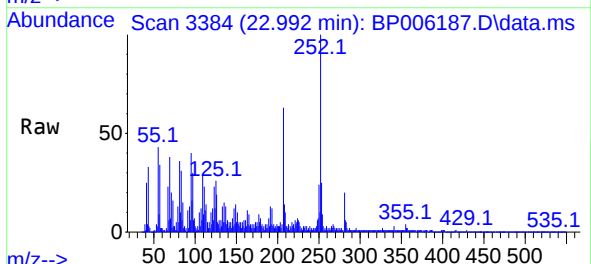
#87
Indeno(1,2,3-cd)pyrene
Concen: 3.466 ng
RT: 26.221 min Scan# 3933
Delta R.T. -0.012 min
Lab File: BP006187.D
Acq: 12 Jul 2021 18:30



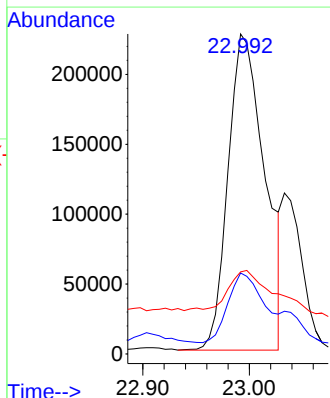
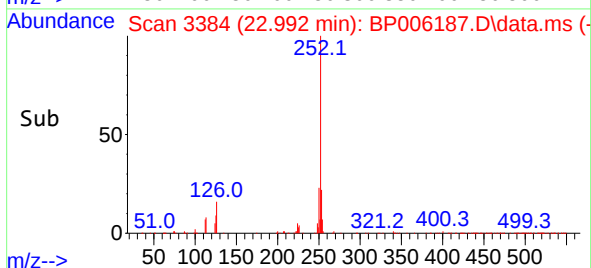
Tgt Ion: 276 Resp: 239688
Ion Ratio Lower Upper
276 100
138 26.0 15.3 22.9#
277 24.5 20.4 30.6



#88
Benzo(b)fluoranthene
Concen: 9.512 ng
RT: 22.992 min Scan# 3384
Delta R.T. 0.006 min
Lab File: BP006187.D
Acq: 12 Jul 2021 18:30



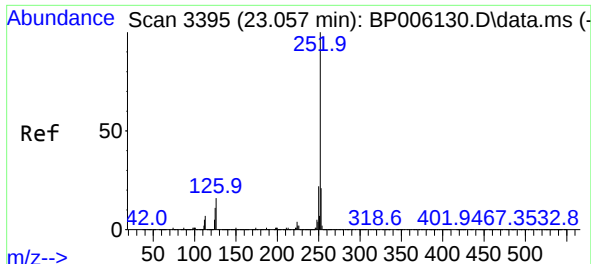
Tgt Ion: 252 Resp: 541268
Ion Ratio Lower Upper
252 100
253 25.3 17.5 26.3
125 25.6 6.2 9.4#



Instrument :
BNA_P
ClientSampleId :
N9994

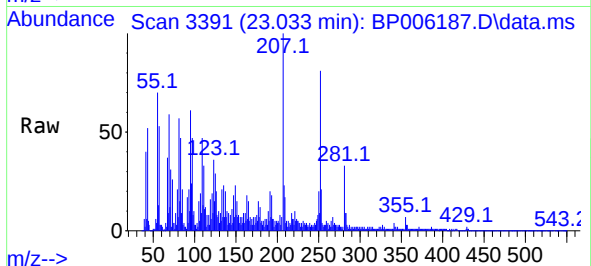
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#89
Benzo(k)fluoranthene
Concen: 2.626 ng m
RT: 23.033 min Scan# 3391
Delta R.T. 0.000 min
Lab File: BP006187.D
Acq: 12 Jul 2021 18:30

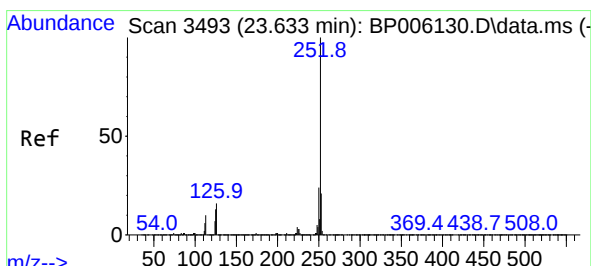
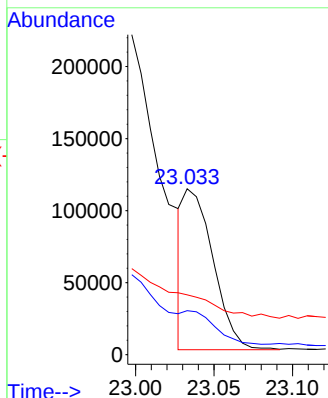
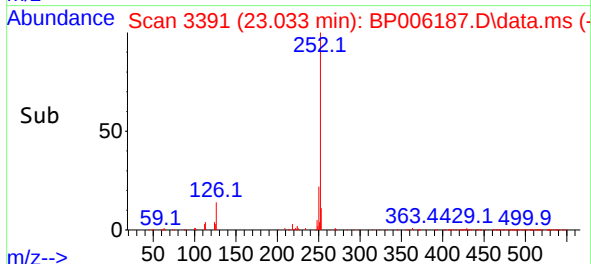
Instrument :
BNA_P
ClientSampled :
N9994



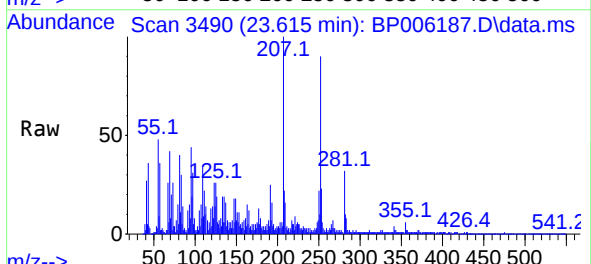
Tgt Ion:252 Resp: 146037
Ion Ratio Lower Upper
252 100
253 26.6 17.6 26.4#
125 36.1 6.0 9.0#

Manual Integrations
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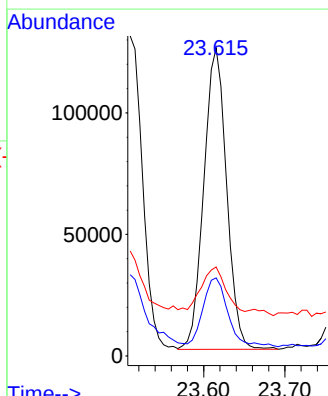
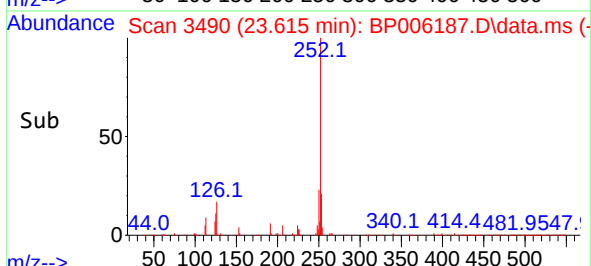
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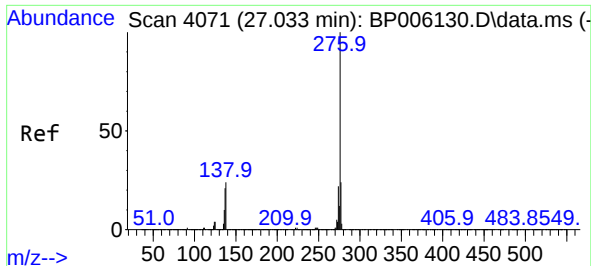


#90
Benzo(a)pyrene
Concen: 4.530 ng
RT: 23.615 min Scan# 3490
Delta R.T. 0.006 min
Lab File: BP006187.D
Acq: 12 Jul 2021 18:30



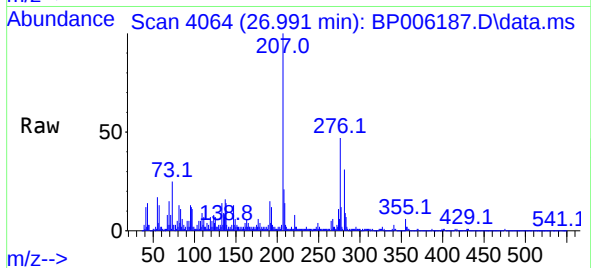
Tgt Ion:252 Resp: 241897
Ion Ratio Lower Upper
252 100
253 25.3 17.9 26.9
125 28.9 6.5 9.7#





#92
Benzo(g,h,i)perylene
Concen: 3.979 ng
RT: 26.991 min Scan# 4064
Delta R.T. -0.012 min
Lab File: BP006187.D
Acq: 12 Jul 2021 18:30

Instrument :
BNA_P
ClientSampleId :
N9994



Tgt Ion: 276 Resp: 233183
Ion Ratio Lower Upper
276 100
277 25.7 18.9 28.3
138 29.8 12.6 18.8#

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