

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100820\
 Data File : BP003581.D
 Acq On : 08 Oct 2020 20:39
 Operator : CG/JU
 Sample : L4242-19
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PAV-B24-100120-DP

Manual Integrations
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mohammad
 10/12/2020 11:32:25 AM

Quant Time: Oct 09 01:59:57 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 08 15:55:58 2020
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.481	152	59941	20.00	ng	0.00
21) Naphthalene-d8	10.258	136	216793	20.00	ng	0.00
39) Acenaphthene-d10	14.140	164	126199	20.00	ng	0.00
64) Phenanthrene-d10	16.898	188	266489	20.00	ng	0.00
76) Chrysene-d12	21.010	240	322964	20.00	ng	0.00
86) Perylene-d12	23.180	264	360030	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.099	112	282378	82.26	ng	0.00
7) Phenol-d6	6.693	99	320210	69.98	ng	0.00
23) Nitrobenzene-d5	8.634	82	234009	63.41	ng	0.00
42) 2,4,6-Tribromophenol	15.651	330	151736	78.83	ng	0.00
45) 2-Fluorobiphenyl	12.752	172	502559	58.24	ng	0.00
79) Terphenyl-d14	19.486	244	785404	50.67	ng	0.00
Target Compounds						Qvalue
50) Dimethylphthalate	13.610	163	66699	6.62	ng	99
71) Phenanthrene	16.940	178	140476	9.69	ng	99
72) Anthracene	17.034	178	36211	2.53	ng	98
75) Fluoranthene	18.934	202	269207	14.77	ng	98
78) Pyrene	19.286	202	292366	14.52	ng	99
81) Benzo(a)anthracene	20.998	228	172157	8.25	ng	95
83) Chrysene	21.045	228	164101m	8.18	ng	
87) Indeno(1,2,3-cd)pyrene	25.380	276	159897	5.86	ng	# 90
88) Benzo(b)fluoranthene	22.533	252	270067m	11.88	ng	
89) Benzo(k)fluoranthene	22.569	252	70726m	3.25	ng	
90) Benzo(a)pyrene	23.086	252	224266	10.46	ng	94
91) Dibenzo(a,h)anthracene	25.374	278	46324	2.06	ng	# 77
92) Benzo(g,h,i)perylene	26.057	276	205998	9.16	ng	# 92

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

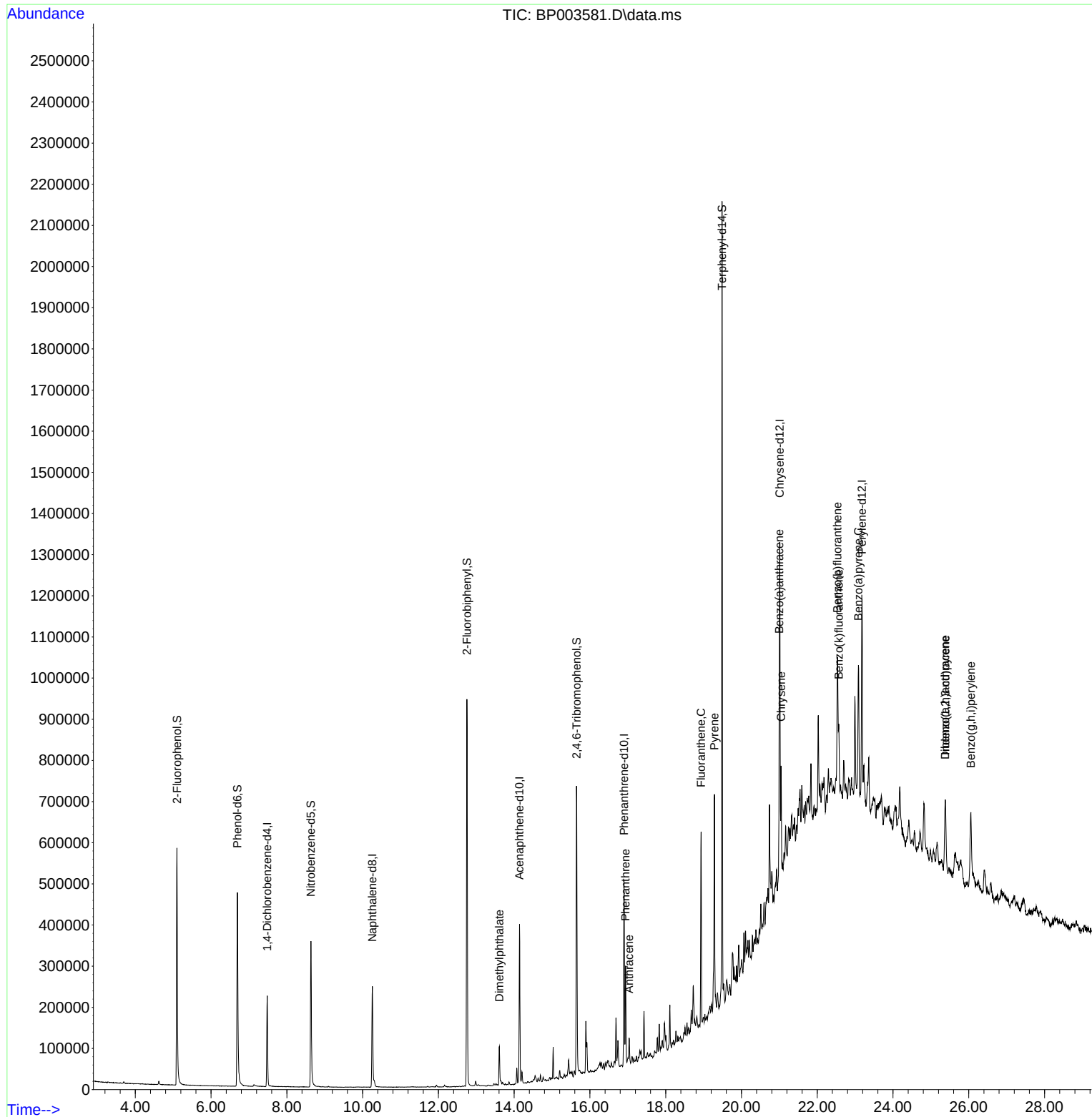
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Data File : BP003581.D
Acq On : 08 Oct 2020 20:39
Operator : CG/JU
Sample : L4242-19
Misc :
ALS Vial : 11 Sample Multiplier: 1

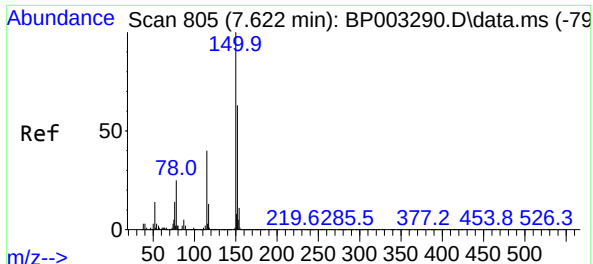
Instrument :
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PAV-B24-100120-DP

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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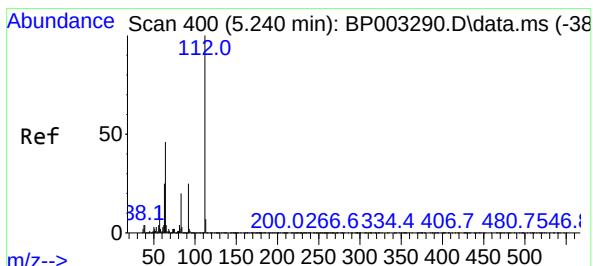
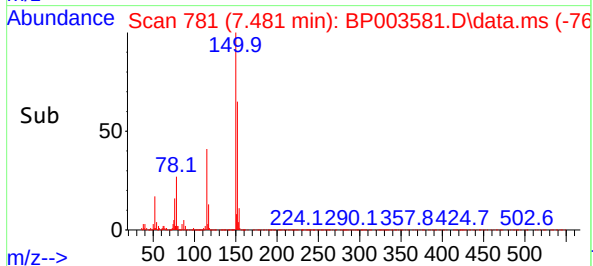
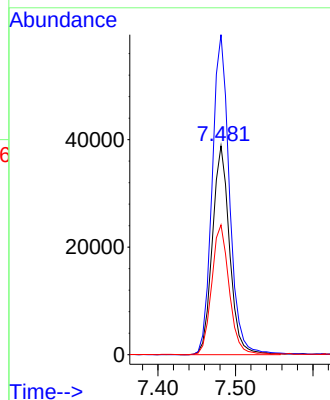
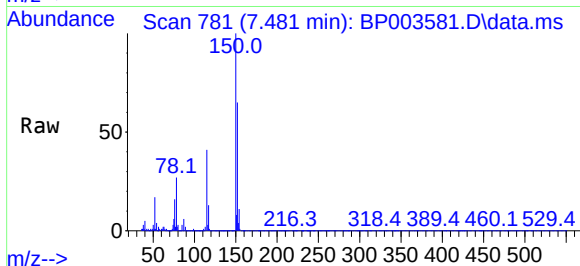
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.481 min Scan# 781
Delta R.T. 0.000 min
Lab File: BP003581.D
Acq: 08 Oct 2020 20:39

Tgt Ion:	152	Resp:	59941
Ion	Ratio	Lower	Upper
152	100		
150	153.3	123.8	185.6
115	62.2	43.8	65.6

Instrument :
BNA_P
ClientSampleId :
PAV-B24-100120-DP

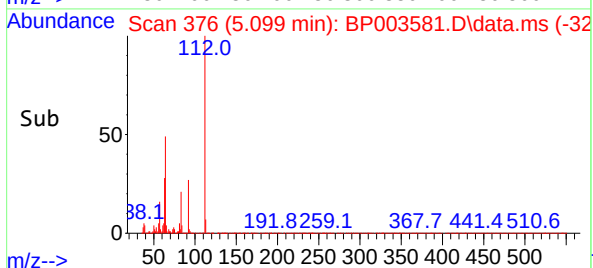
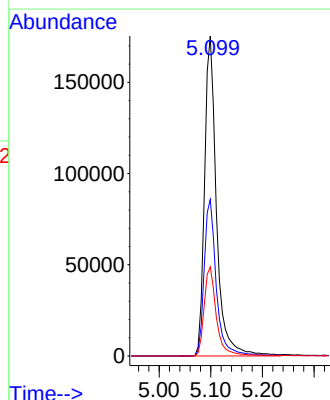
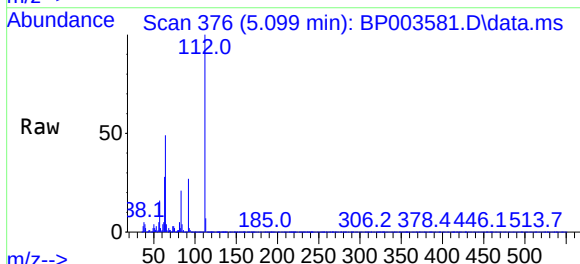
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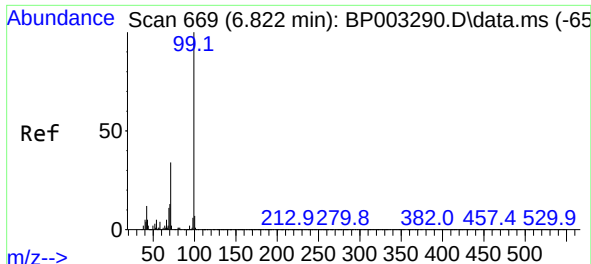
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#5
2-Fluorophenol
Concen: 82.26 ng
RT: 5.099 min Scan# 376
Delta R.T. 0.000 min
Lab File: BP003581.D
Acq: 08 Oct 2020 20:39

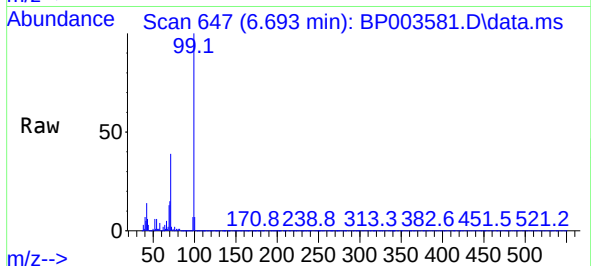
Tgt Ion:	112	Resp:	282378
Ion	Ratio	Lower	Upper
112	100		
64	48.9	32.8	49.2
63	27.8	17.0	25.4





#7
Phenol-d6
Concen: 69.98 ng
RT: 6.693 min Scan# 647
Delta R.T. 0.006 min
Lab File: BP003581.D
Acq: 08 Oct 2020 20:39

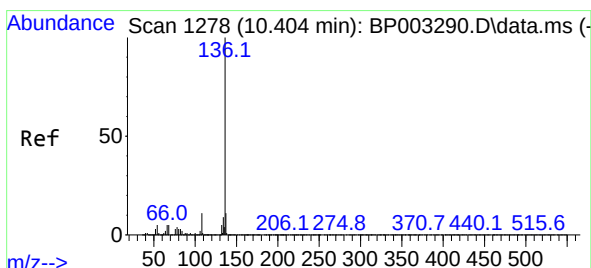
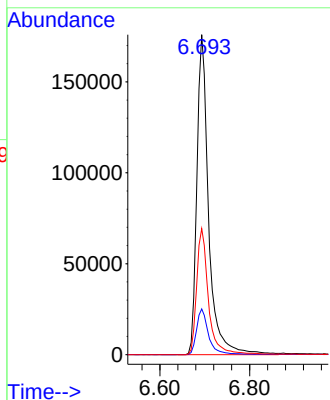
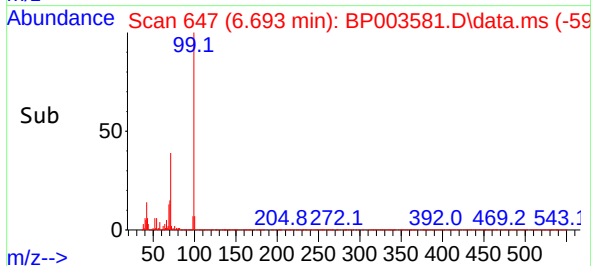
Instrument :
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ClientSampleId :
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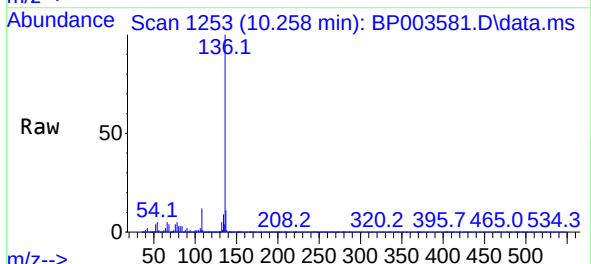
Tgt Ion: 99 Resp: 320210
Ion Ratio Lower Upper
99 100
42 14.3 8.6 13.0#
71 39.4 23.4 35.2#

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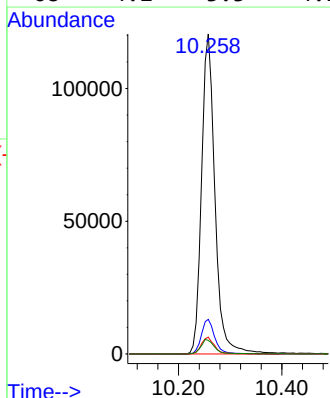
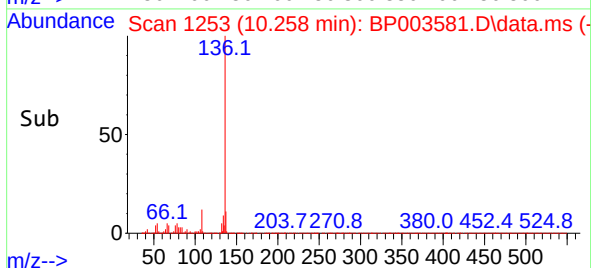
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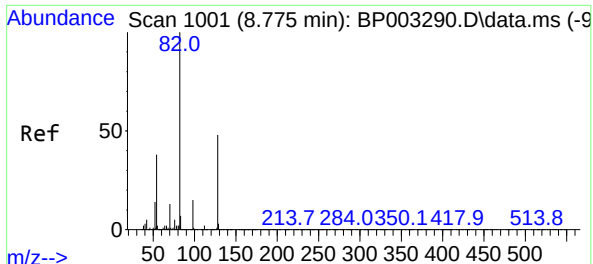


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.258 min Scan# 1253
Delta R.T. 0.006 min
Lab File: BP003581.D
Acq: 08 Oct 2020 20:39



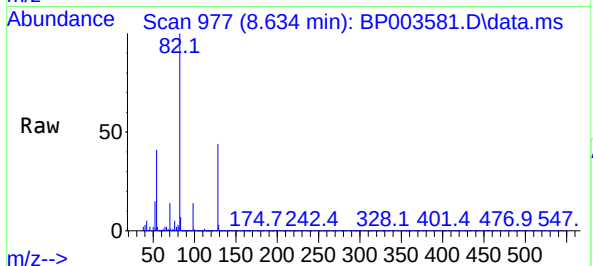
Tgt Ion: 136 Resp: 216793
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 5.2 3.6 5.4
68 4.2 3.3 4.9





#23
Nitrobenzene-d5
Concen: 63.41 ng
RT: 8.634 min Scan# 977
Delta R.T. 0.000 min
Lab File: BP003581.D
Acq: 08 Oct 2020 20:39

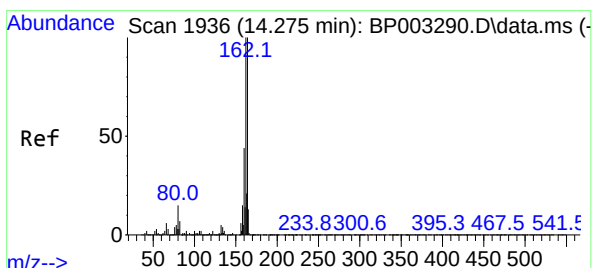
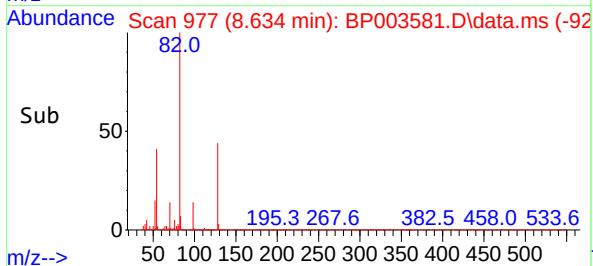
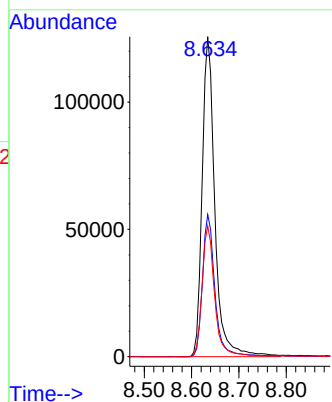
Instrument :
BNA_P
ClientSampleId :
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Tgt Ion: 82 Resp: 234009
Ion Ratio Lower Upper
82 100
128 44.4 45.6 68.4#
54 40.9 30.1 45.1

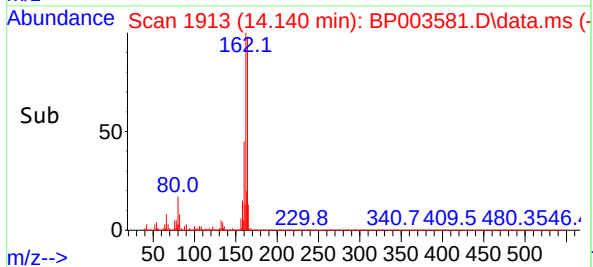
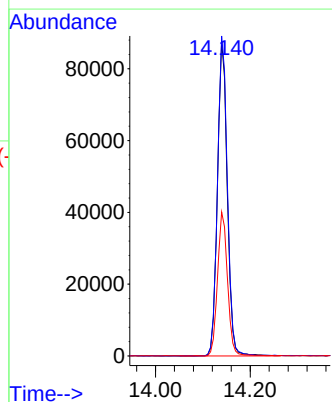
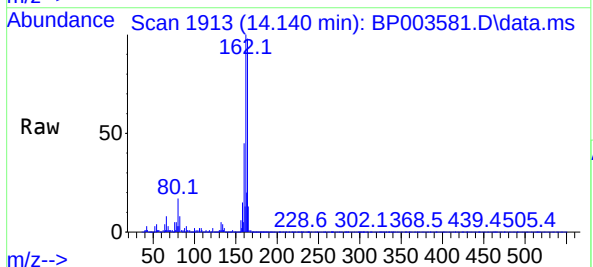
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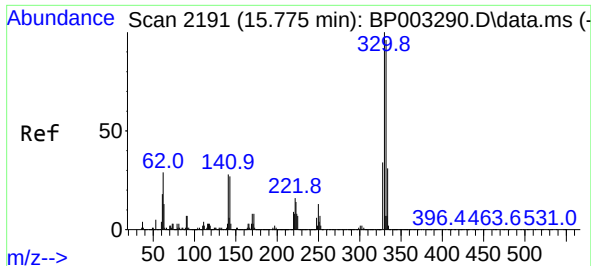
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#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.140 min Scan# 1913
Delta R.T. 0.000 min
Lab File: BP003581.D
Acq: 08 Oct 2020 20:39

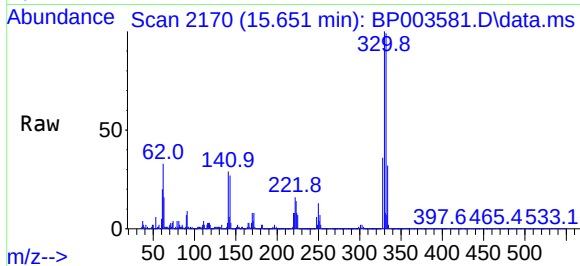
Tgt Ion: 164 Resp: 126199
Ion Ratio Lower Upper
164 100
162 101.6 79.4 119.2
160 45.7 36.1 54.1





#42
2,4,6-Tribromophenol
Concen: 78.83 ng
RT: 15.651 min Scan# 2170
Delta R.T. 0.006 min
Lab File: BP003581.D
Acq: 08 Oct 2020 20:39

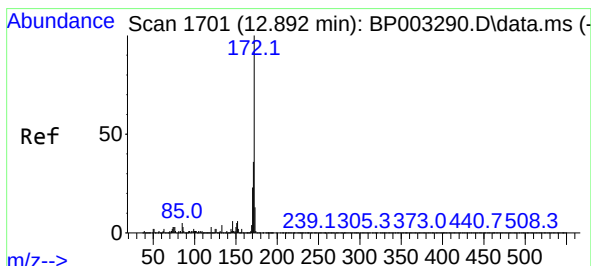
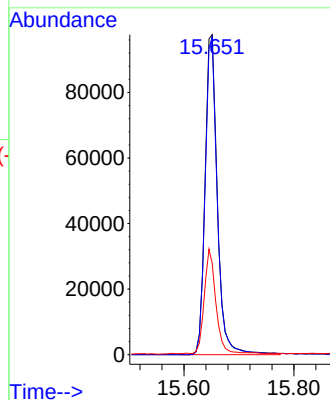
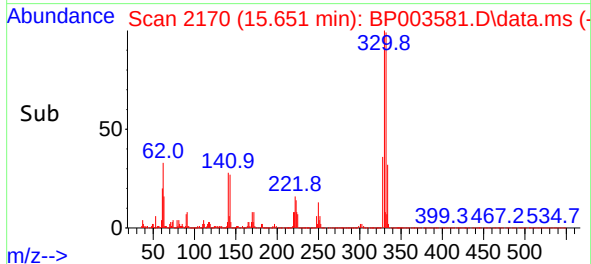
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ClientSampleId :
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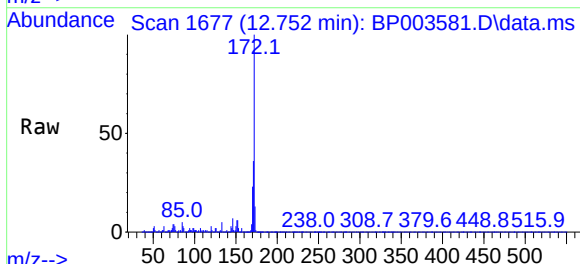
Tgt Ion:330 Resp: 151736
Ion Ratio Lower Upper
330 100
332 97.4 77.1 115.7
141 30.9 23.4 35.2

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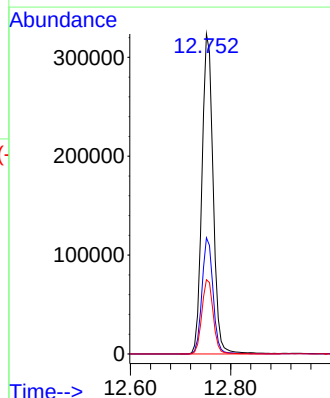
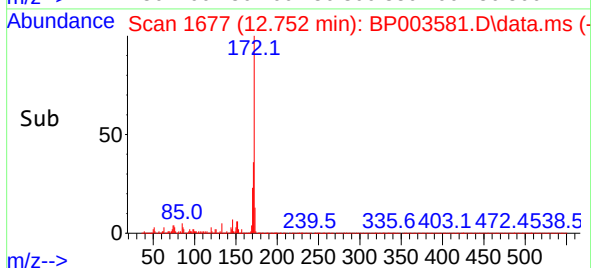
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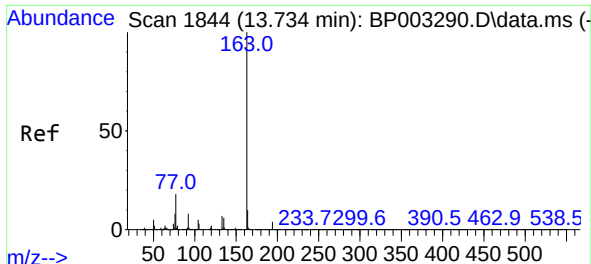


#45
2-Fluorobiphenyl
Concen: 58.24 ng
RT: 12.752 min Scan# 1677
Delta R.T. 0.000 min
Lab File: BP003581.D
Acq: 08 Oct 2020 20:39



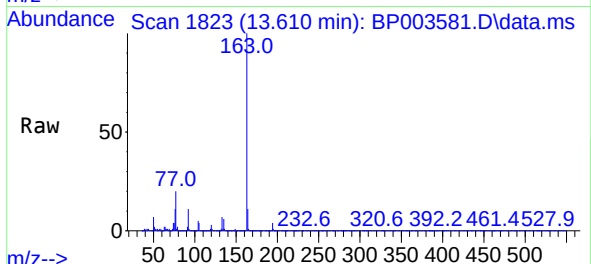
Tgt Ion:172 Resp: 502559
Ion Ratio Lower Upper
172 100
171 36.3 28.5 42.7
170 23.2 19.2 28.8





#50
Dimethylphthalate
Concen: 6.62 ng
RT: 13.610 min Scan# 1823
Delta R.T. 0.000 min
Lab File: BP003581.D
Acq: 08 Oct 2020 20:39

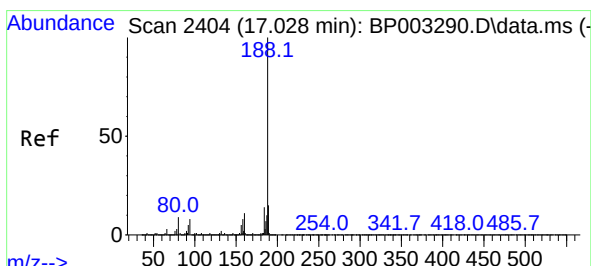
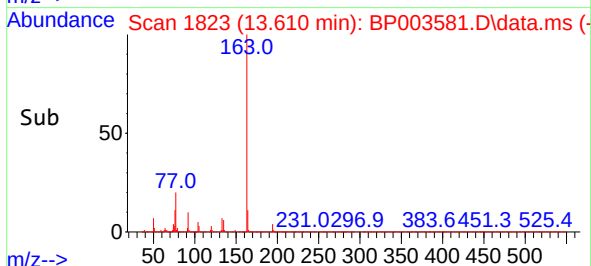
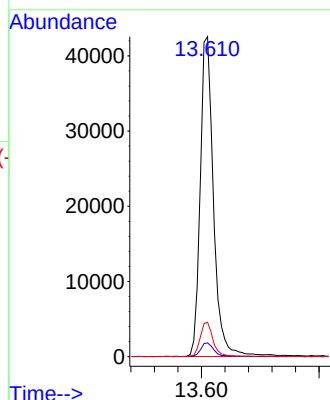
Instrument :
BNA_P
ClientSampleId :
PAV-B24-100120-DP



Tgt Ion:163 Resp: 66699
Ion Ratio Lower Upper
163 100
194 4.3 3.3 4.9
164 10.8 8.2 12.2

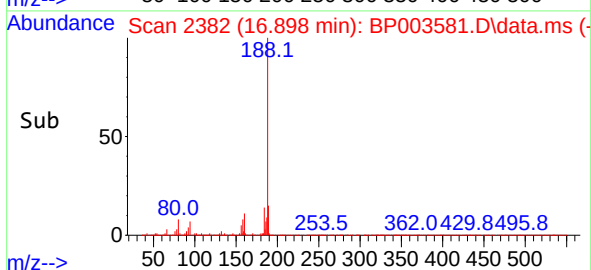
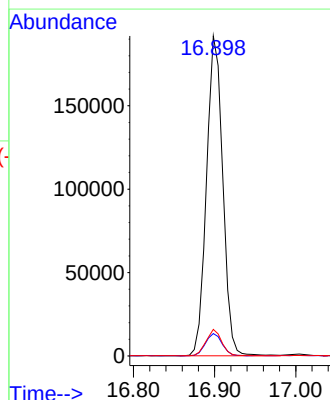
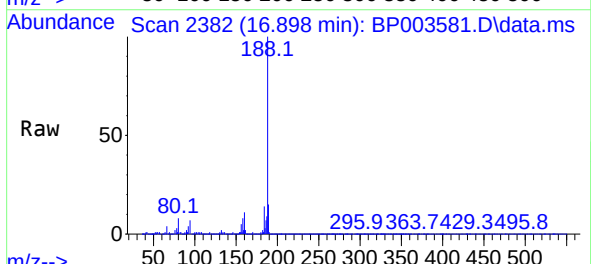
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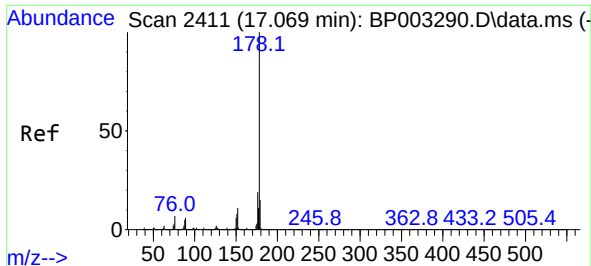
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#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.898 min Scan# 2382
Delta R.T. 0.000 min
Lab File: BP003581.D
Acq: 08 Oct 2020 20:39

Tgt Ion:188 Resp: 266489
Ion Ratio Lower Upper
188 100
94 7.0 6.2 9.2
80 8.3 6.2 9.2





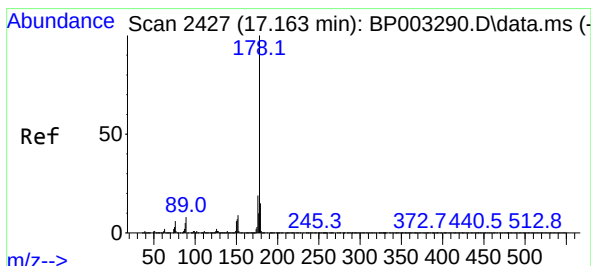
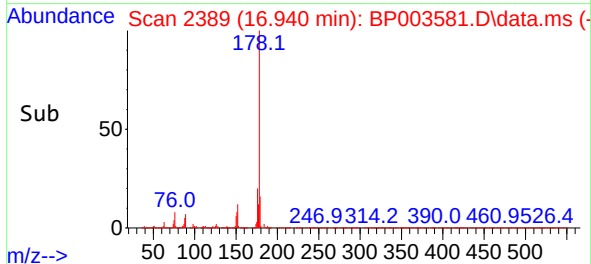
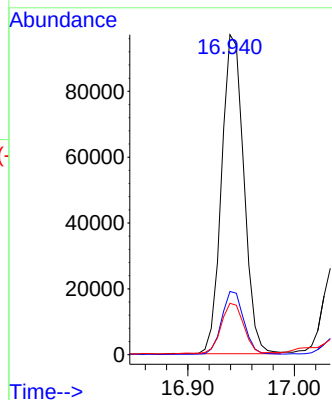
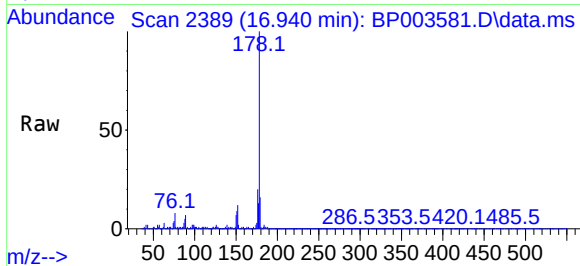
#71
Phenanthrene
Concen: 9.69 ng
RT: 16.940 min Scan# 2389
Delta R.T. 0.000 min
Lab File: BP003581.D
Acq: 08 Oct 2020 20:39

Tgt Ion:178 Resp: 140476
Ion Ratio Lower Upper
178 100
176 19.7 15.3 22.9
179 16.1 12.5 18.7

Instrument :
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ClientSampleId :
PAV-B24-100120-DP

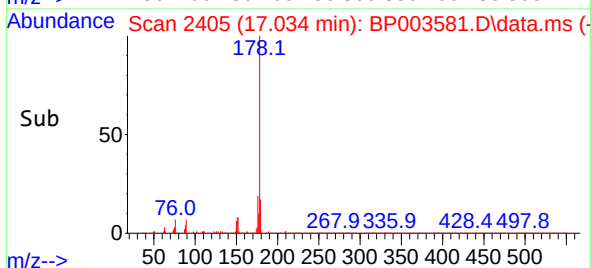
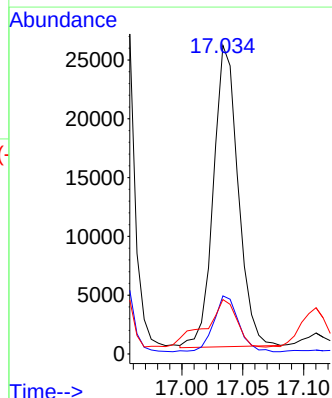
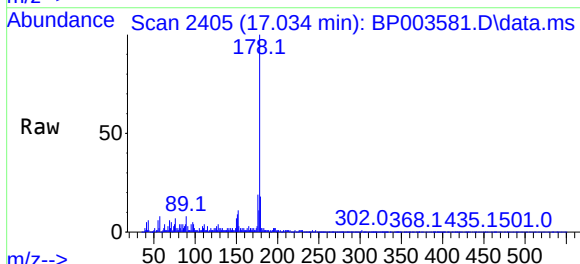
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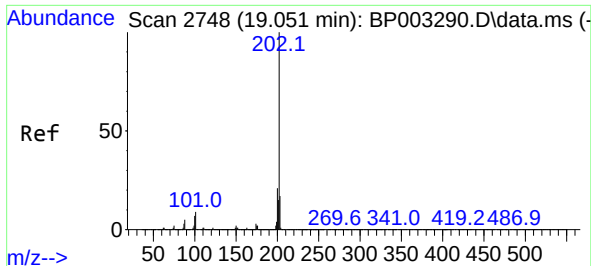
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#72
Anthracene
Concen: 2.53 ng
RT: 17.034 min Scan# 2405
Delta R.T. 0.000 min
Lab File: BP003581.D
Acq: 08 Oct 2020 20:39

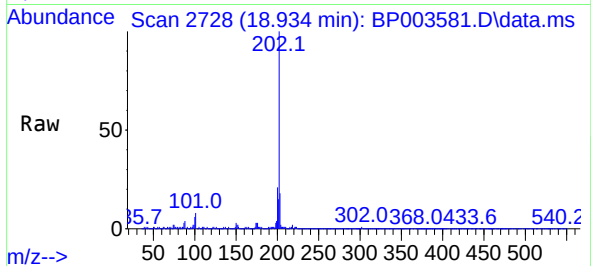
Tgt Ion:178 Resp: 36211
Ion Ratio Lower Upper
178 100
176 18.8 15.0 22.4
179 17.7 12.5 18.7





#75
Fluoranthene
Concen: 14.77 ng
RT: 18.934 min Scan# 2728
Delta R.T. 0.000 min
Lab File: BP003581.D
Acq: 08 Oct 2020 20:39

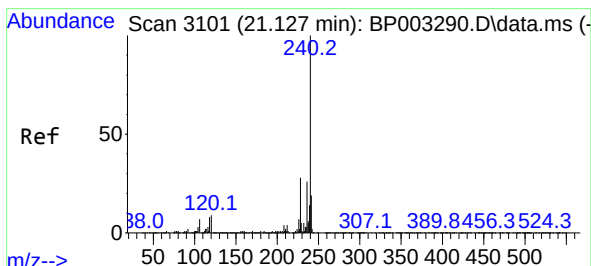
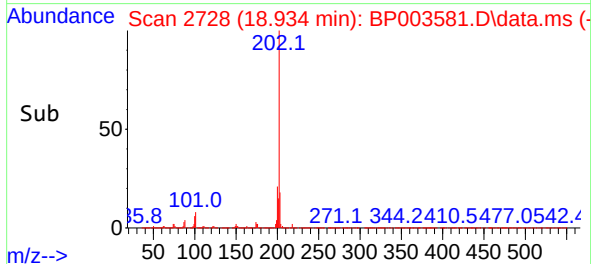
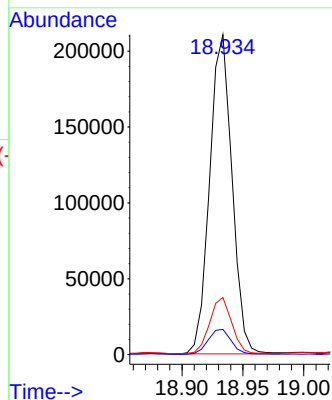
Instrument :
BNA_P
ClientSampleId :
PAV-B24-100120-DP



Tgt Ion:	202	Resp:	269207
Ion Ratio	Lower	Upper	
202	100		
101	7.9	0.0	29.4
203	17.9	0.0	37.8

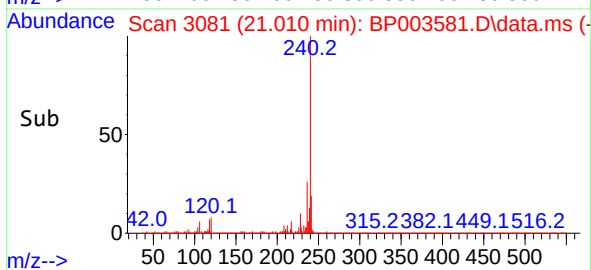
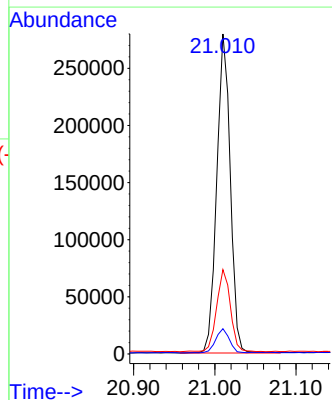
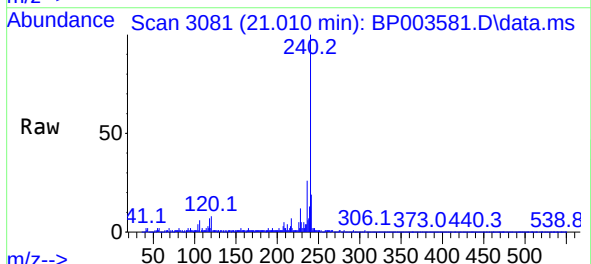
Manual Integrations
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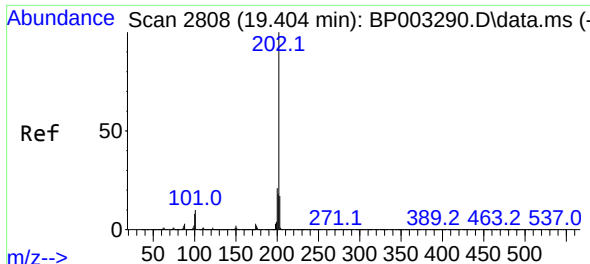
mohammad
10/12/2020 11:32:25 AM



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.010 min Scan# 3081
Delta R.T. 0.000 min
Lab File: BP003581.D
Acq: 08 Oct 2020 20:39

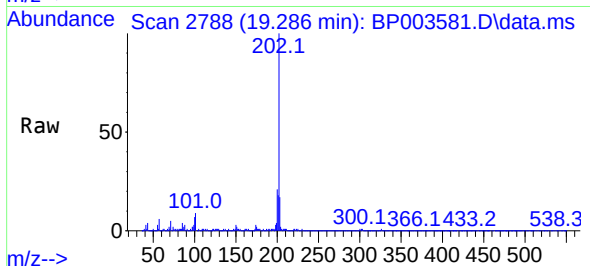
Tgt Ion:	240	Resp:	322964
Ion Ratio	Lower	Upper	
240	100		
120	7.9	7.8	11.6
236	26.4	20.8	31.2





#78
Pyrene
Concen: 14.52 ng
RT: 19.286 min Scan# 2788
Delta R.T. 0.000 min
Lab File: BP003581.D
Acq: 08 Oct 2020 20:39

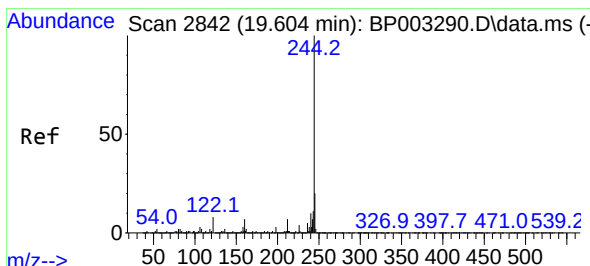
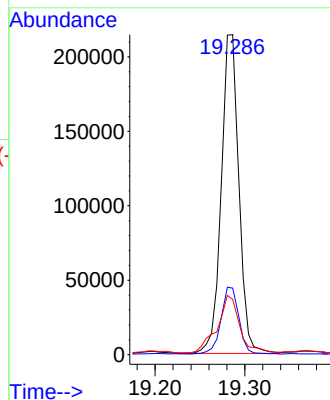
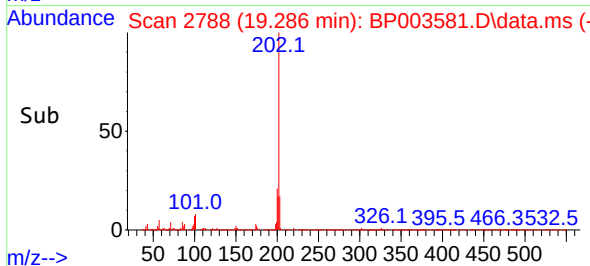
Instrument :
BNA_P
ClientSampleId :
PAV-B24-100120-DP



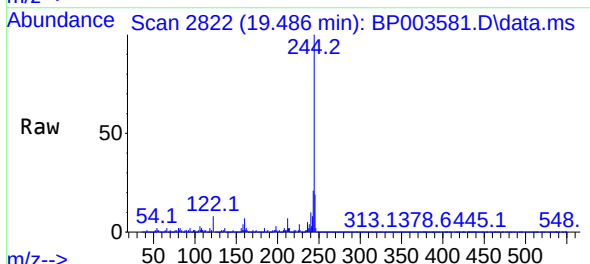
Tgt Ion:202 Resp: 292366
Ion Ratio Lower Upper
202 100
200 20.8 17.1 25.7
203 17.3 14.2 21.2

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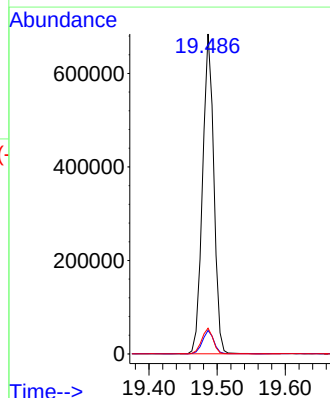
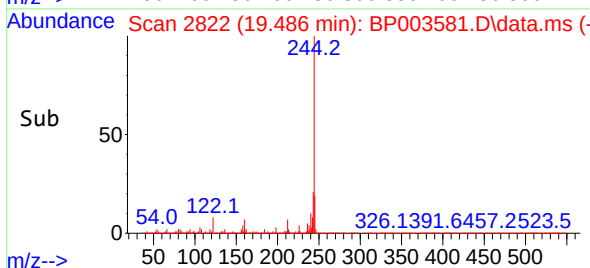
mohammad
10/12/2020 11:32:25 AM

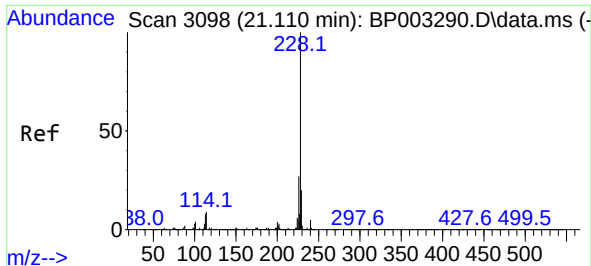


#79
Terphenyl-d14
Concen: 50.67 ng
RT: 19.486 min Scan# 2822
Delta R.T. 0.000 min
Lab File: BP003581.D
Acq: 08 Oct 2020 20:39



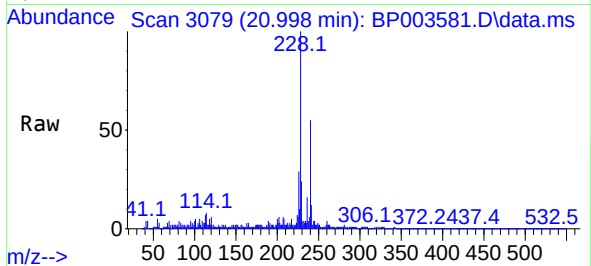
Tgt Ion:244 Resp: 785404
Ion Ratio Lower Upper
244 100
212 7.3 5.8 8.6
122 8.0 7.8 11.8





#81
Benzo(a)anthracene
Concen: 8.25 ng
RT: 20.998 min Scan# 3079
Delta R.T. 0.000 min
Lab File: BP003581.D
Acq: 08 Oct 2020 20:39

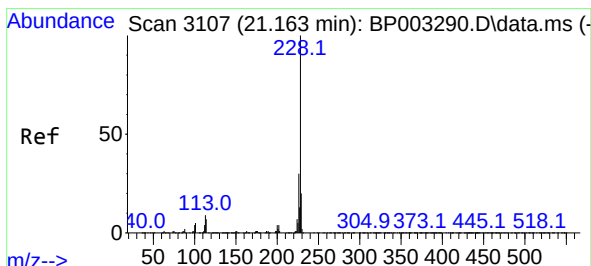
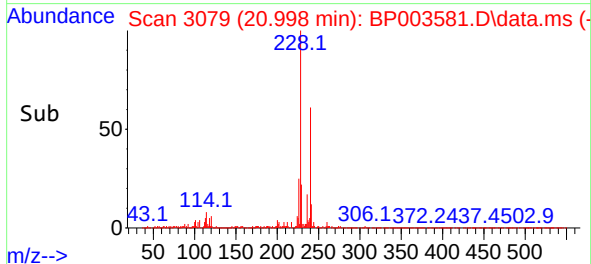
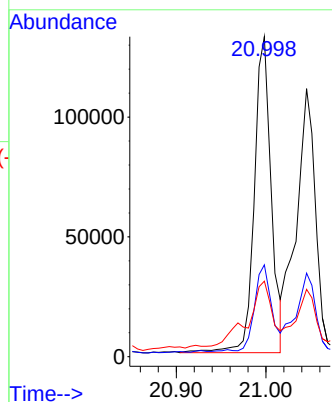
Instrument :
BNA_P
ClientSampleId :
PAV-B24-100120-DP



Tgt Ion:228 Resp: 172157
Ion Ratio Lower Upper
228 100
226 28.7 22.1 33.1
229 23.6 15.9 23.9

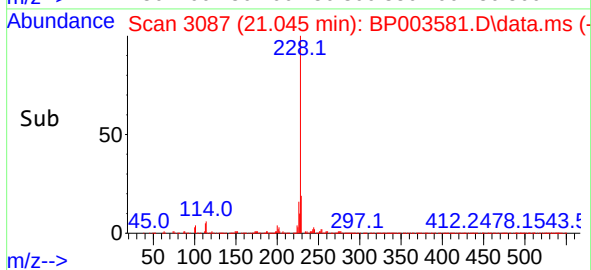
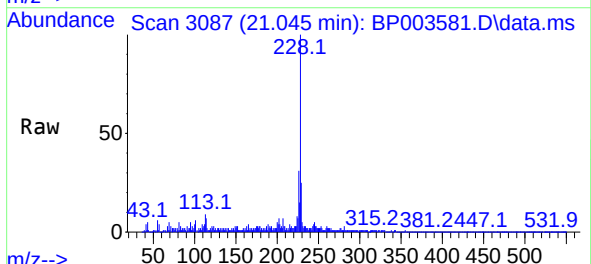
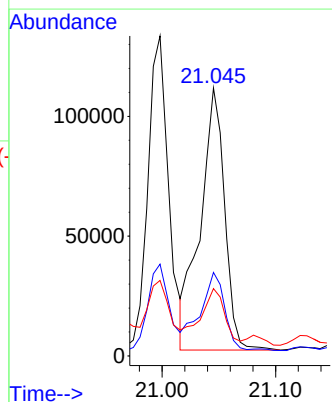
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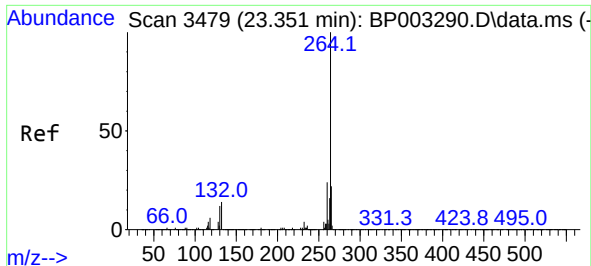
mohammad
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#83
Chrysene
Concen: 8.18 ng m
RT: 21.045 min Scan# 3087
Delta R.T. 0.000 min
Lab File: BP003581.D
Acq: 08 Oct 2020 20:39

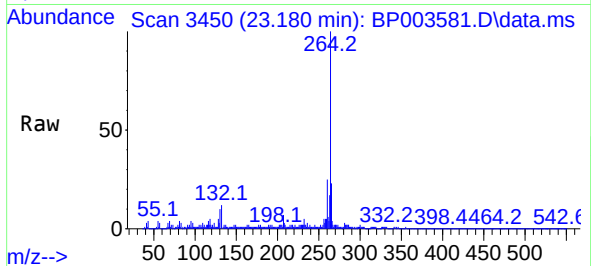
Tgt Ion:228 Resp: 164101
Ion Ratio Lower Upper
228 100
226 31.1 24.4 36.6
229 25.1 15.8 23.6#





#86
Perylene-d12
Concen: 20.00 ng
RT: 23.180 min Scan# 3450
Delta R.T. 0.006 min
Lab File: BP003581.D
Acq: 08 Oct 2020 20:39

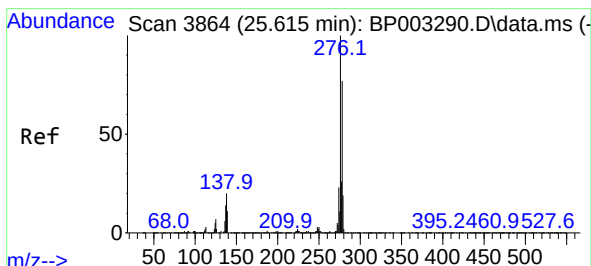
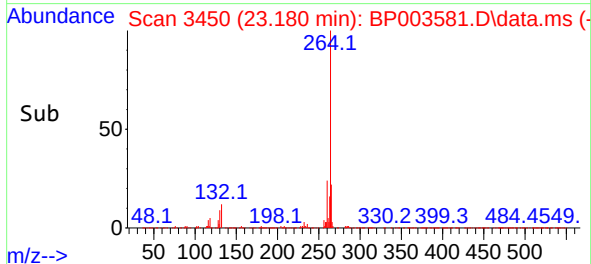
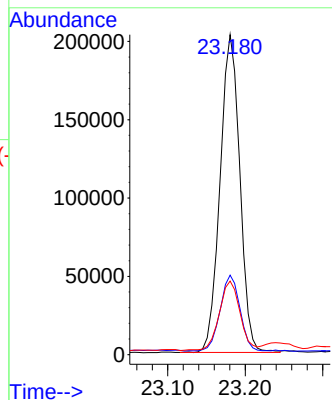
Instrument :
BNA_P
ClientSampleId :
PAV-B24-100120-DP



Tgt Ion:264 Resp: 360030
Ion Ratio Lower Upper
264 100
260 24.8 18.8 28.2
265 23.0 17.4 26.2

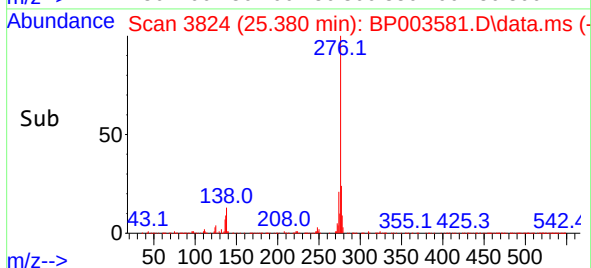
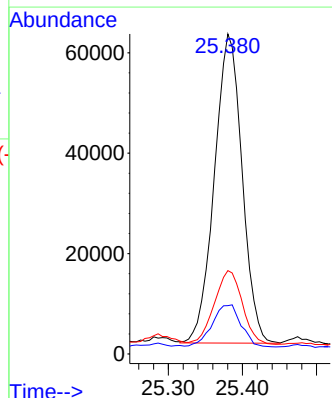
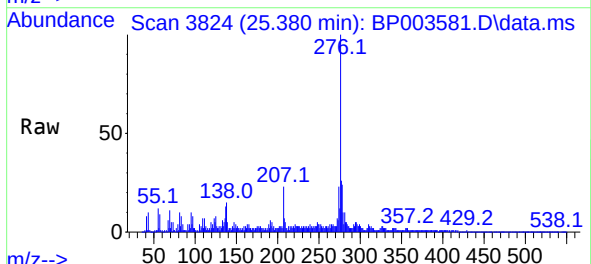
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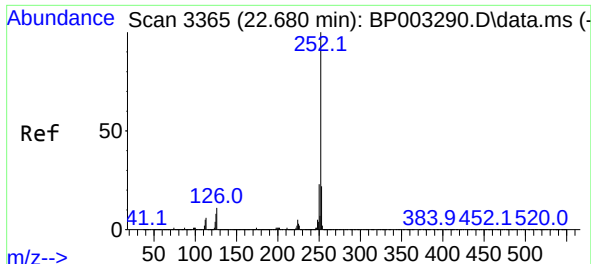
mohammad
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#87
Indeno(1,2,3-cd)pyrene
Concen: 5.86 ng
RT: 25.380 min Scan# 3824
Delta R.T. 0.012 min
Lab File: BP003581.D
Acq: 08 Oct 2020 20:39

Tgt Ion:276 Resp: 159897
Ion Ratio Lower Upper
276 100
138 14.2 18.7 28.1#
277 24.1 20.4 30.6





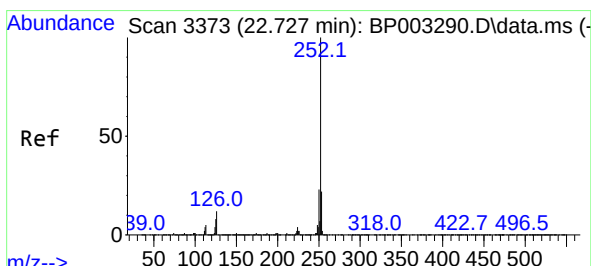
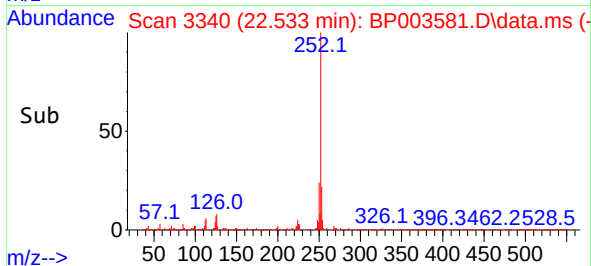
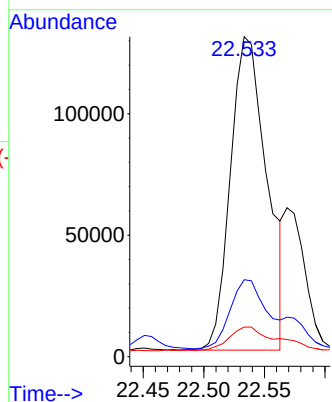
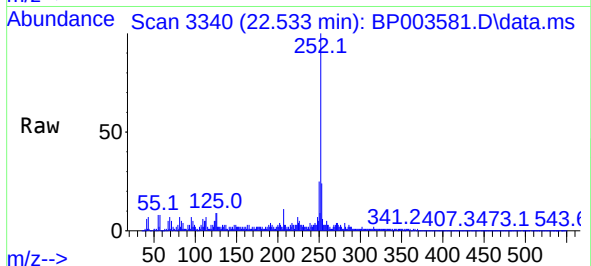
#88
Benzo(b)fluoranthene
Concen: 11.88 ng m
RT: 22.533 min Scan# 3340
Delta R.T. 0.006 min
Lab File: BP003581.D
Acq: 08 Oct 2020 20:39

Instrument :
BNA_P
ClientSampleId :
PAV-B24-100120-DP

Tgt Ion:252 Resp: 270067
Ion Ratio Lower Upper
252 100
253 24.1 17.6 26.4
125 9.3 7.3 10.9

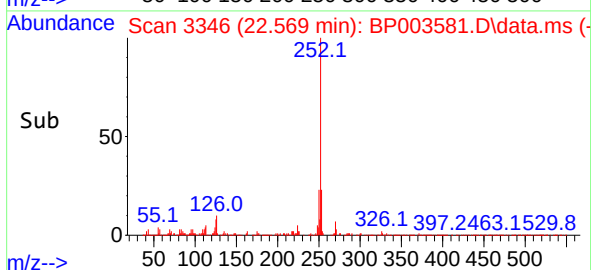
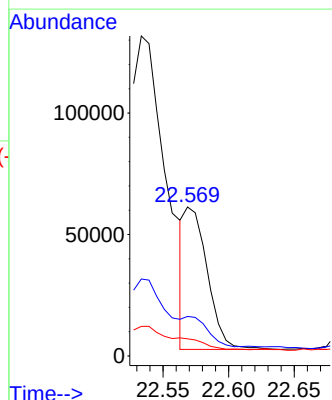
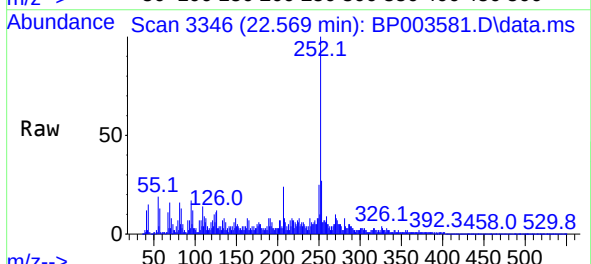
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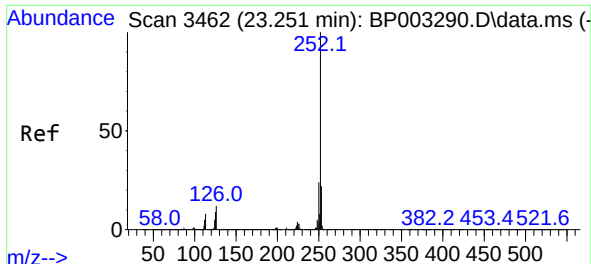
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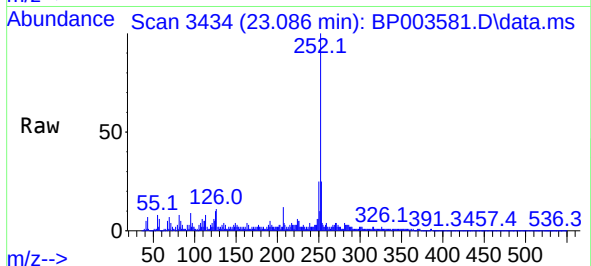
#89
Benzo(k)fluoranthene
Concen: 3.25 ng m
RT: 22.569 min Scan# 3346
Delta R.T. 0.000 min
Lab File: BP003581.D
Acq: 08 Oct 2020 20:39

Tgt Ion:252 Resp: 70726
Ion Ratio Lower Upper
252 100
253 26.5 17.8 26.8
125 11.5 7.4 11.2#

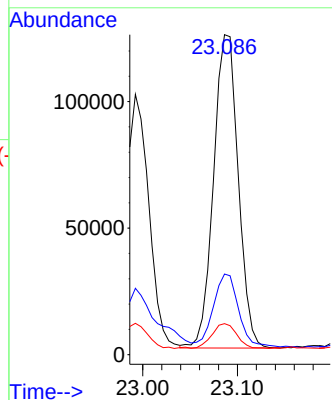




#90
Benzo(a)pyrene
Concen: 10.46 ng
RT: 23.086 min Scan# 3434
Delta R.T. 0.006 min
Lab File: BP003581.D
Acq: 08 Oct 2020 20:39



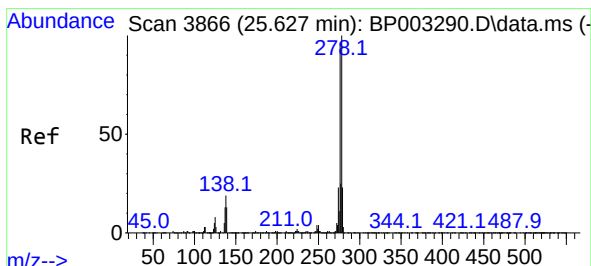
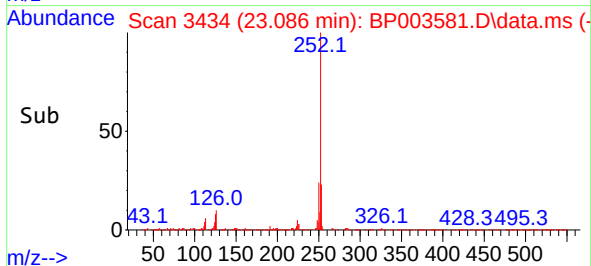
Tgt Ion:252 Resp: 224266
Ion Ratio Lower Upper
252 100
253 25.2 17.4 26.0
125 9.7 8.2 12.4



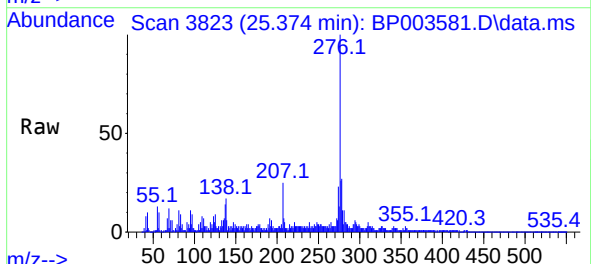
Instrument :
BNA_P
ClientSampleId :
PAV-B24-100120-DP

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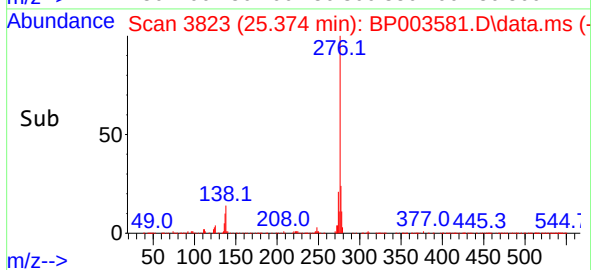
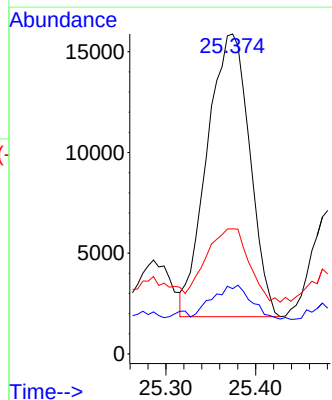
mohammad
10/12/2020 11:32:25 AM

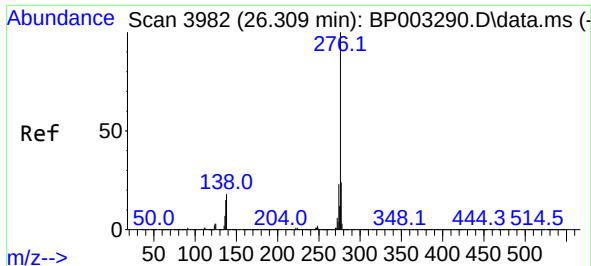


#91
Dibenzo(a,h)anthracene
Concen: 2.06 ng
RT: 25.374 min Scan# 3823
Delta R.T. 0.006 min
Lab File: BP003581.D
Acq: 08 Oct 2020 20:39



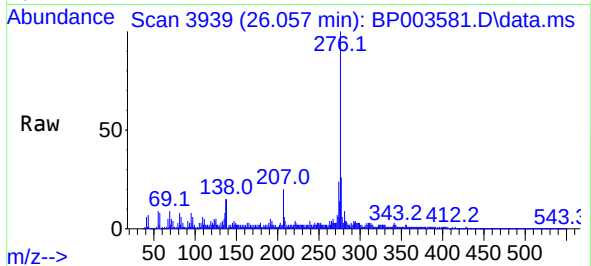
Tgt Ion:278 Resp: 46324
Ion Ratio Lower Upper
278 100
139 20.4 12.4 18.6#
279 39.1 19.0 28.6#





#92
Benzo(g,h,i)perylene
Concen: 9.16 ng
RT: 26.057 min Scan# 3939
Delta R.T. 0.024 min
Lab File: BP003581.D
Acq: 08 Oct 2020 20:39

Instrument :
BNA_P
ClientSampleId :
PAV-B24-100120-DP



Tgt Ion: 276 Resp: 205998
Ion Ratio Lower Upper
276 100
277 25.9 19.0 28.6
138 15.0 16.6 24.8#

Manual Integrations
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mohammad
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