

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092520\
 Data File : BP003385.D
 Acq On : 25 Sep 2020 17:17
 Operator : CG/JU
 Sample : L4127-03 2X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 B-2(4-5)

Manual Integrations
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mohammad
 9/28/2020 11:11:02 AM

Quant Time: Sep 25 17:49:30 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 22 12:48:08 2020
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.563	152	124531	20.00	ng	0.00
21) Naphthalene-d8	10.346	136	445830	20.00	ng	# 0.00
39) Acenaphthene-d10	14.216	164	264305	20.00	ng	0.00
64) Phenanthrene-d10	16.975	188	576435	20.00	ng	# 0.00
76) Chrysene-d12	21.074	240	576288	20.00	ng	0.00
86) Perylene-d12	23.274	264	619805	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.181	112	309610	43.41	ng	0.00
7) Phenol-d6	6.769	99	364631	38.36	ng	0.00
23) Nitrobenzene-d5	8.716	82	234581	30.91	ng	0.00
42) 2,4,6-Tribromophenol	15.722	330	138565	34.37	ng	0.00
45) 2-Fluorobiphenyl	12.834	172	513734	28.43	ng	0.00
79) Terphenyl-d14	19.551	244	775038	28.02	ng	0.00
Target Compounds						Qvalue
49) Acenaphthylene	13.939	152	52740	2.11	ng	# 94
50) Dimethylphthalate	13.681	163	63103	2.99	ng	# 98
71) Phenanthrene	17.016	178	478158	15.25	ng	99
72) Anthracene	17.104	178	134135	4.34	ng	98
75) Fluoranthene	18.998	202	880679	22.33	ng	99
78) Pyrene	19.351	202	816440	22.72	ng	99
81) Benzo(a)anthracene	21.057	228	479656	12.88	ng	97
83) Chrysene	21.110	228	422214	11.80	ng	97
87) Indeno(1,2,3-cd)pyrene	25.515	276	288631	6.14	ng	# 95
88) Benzo(b)fluoranthene	22.616	252	578490	14.78	ng	# 90
89) Benzo(k)fluoranthene	22.657	252	176093m	4.69	ng	
90) Benzo(a)pyrene	23.180	252	422406	11.45	ng	95
91) Dibenzo(a,h)anthracene	25.509	278	79038	2.04	ng	# 72
92) Benzo(g,h,i)perylene	26.198	276	285365	7.37	ng	97

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

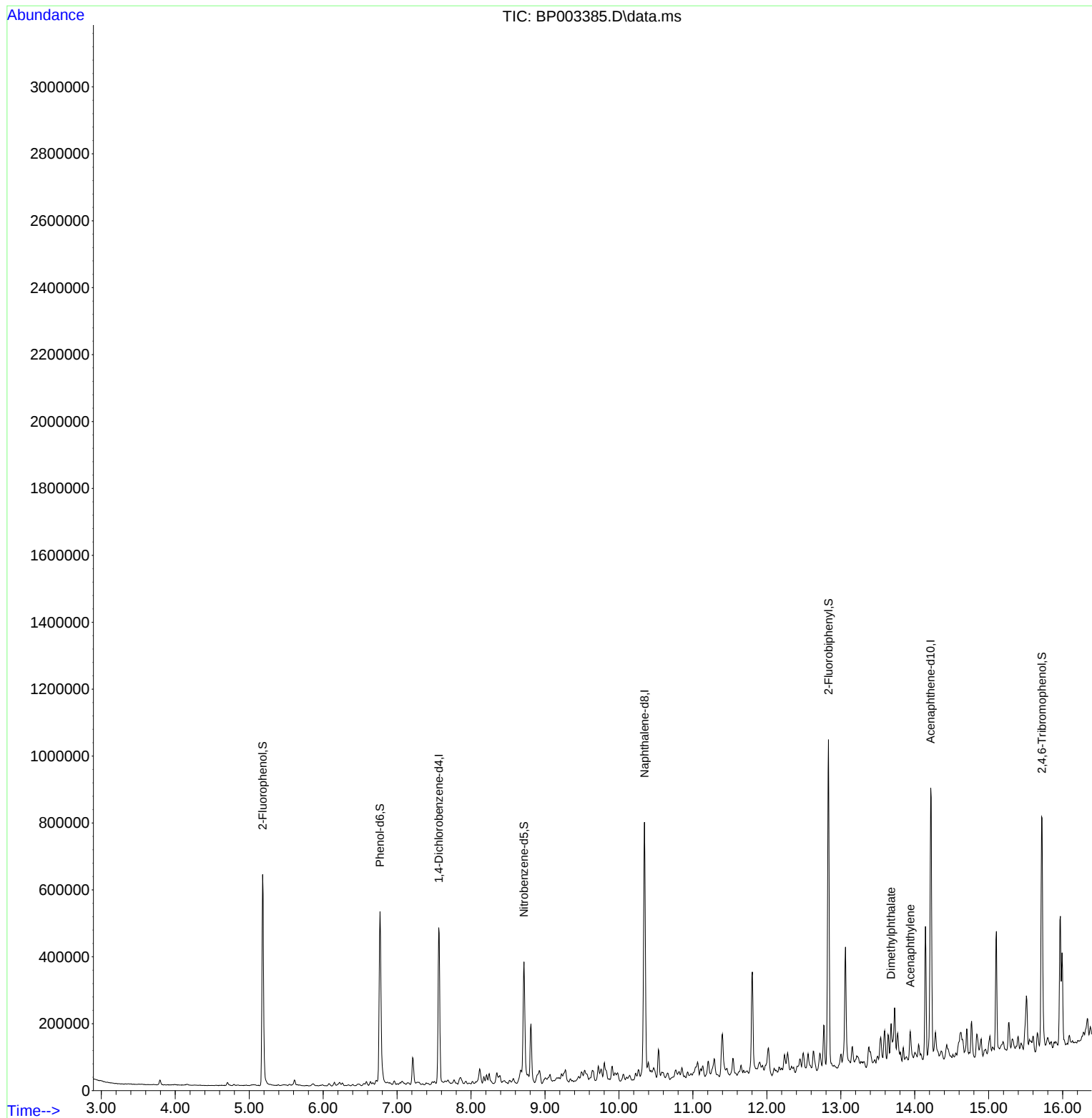
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092520\
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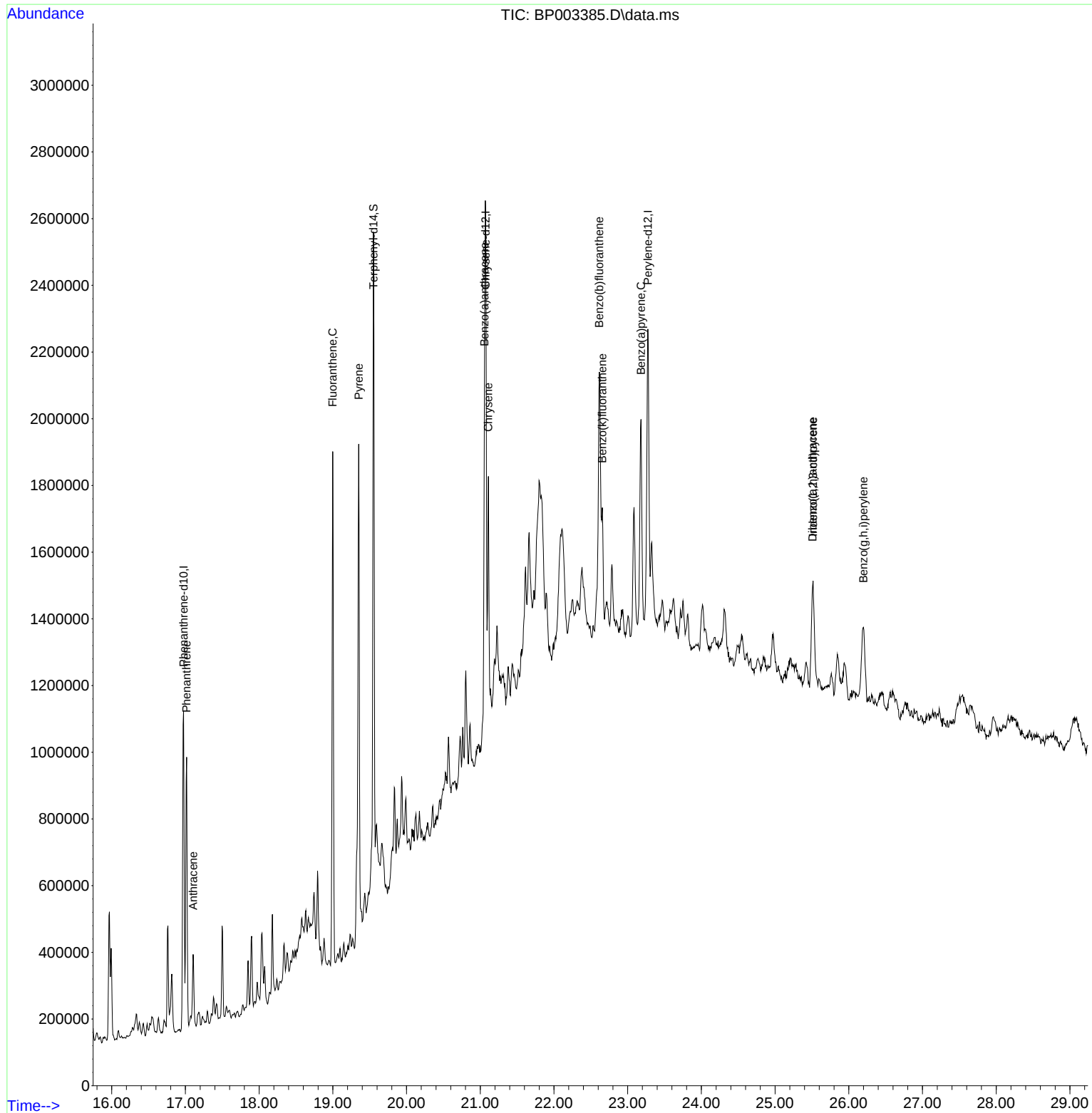
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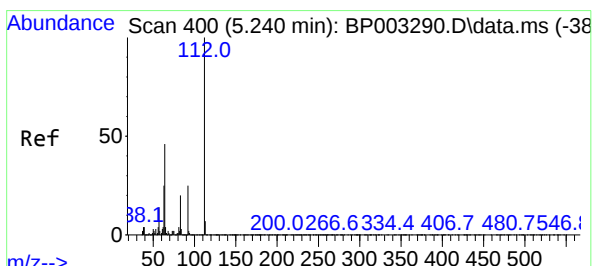
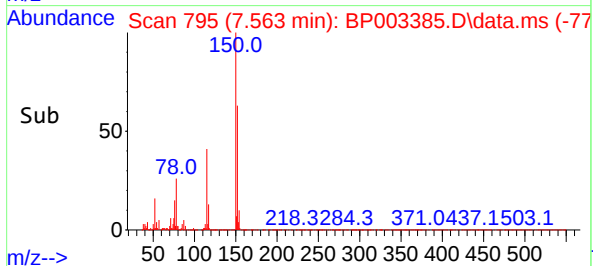
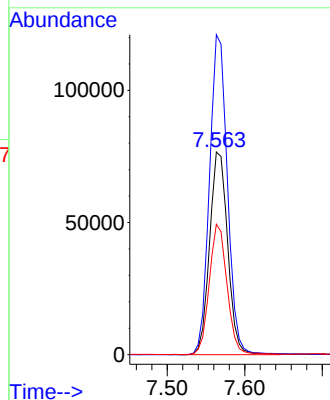
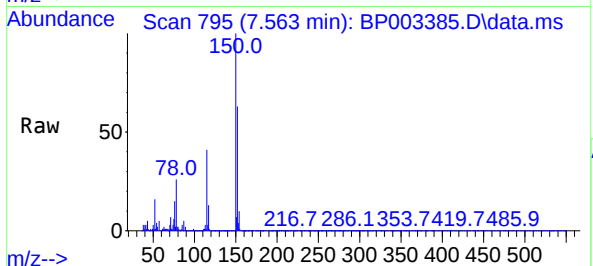
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.563 min Scan# 795
Delta R.T. -0.006 min
Lab File: BP003385.D
Acq: 25 Sep 2020 17:17

Tgt Ion	Ratio	Lower	Upper
152	100		
150	157.9	123.8	185.6
115	64.4	43.8	65.6

Instrument :
BNA_P
ClientSampleId :
B-2(4-5)

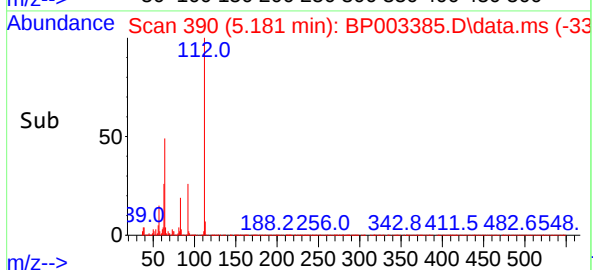
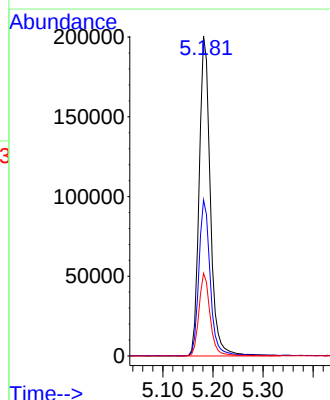
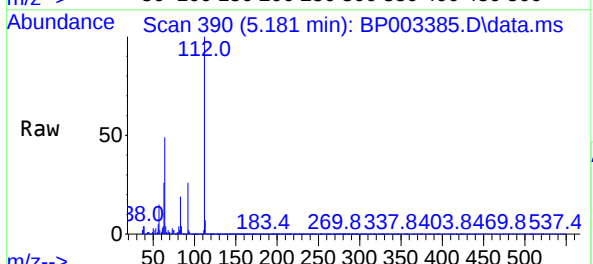
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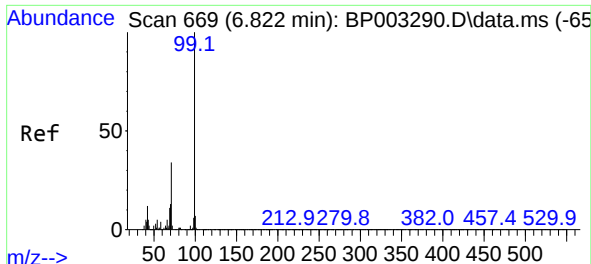
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#5
2-Fluorophenol
Concen: 43.41 ng
RT: 5.181 min Scan# 390
Delta R.T. -0.000 min
Lab File: BP003385.D
Acq: 25 Sep 2020 17:17

Tgt Ion	Ratio	Lower	Upper
112	100		
64	48.7	32.8	49.2
63	25.9	17.0	25.4





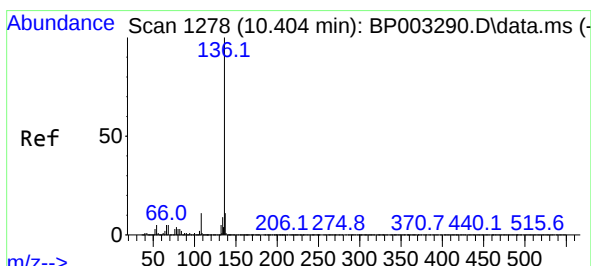
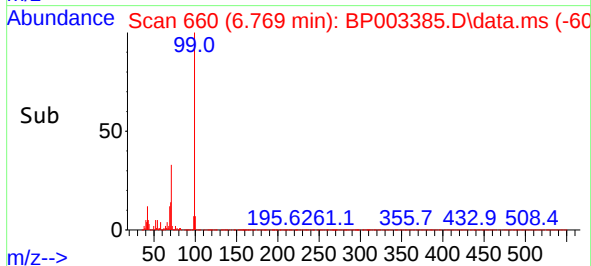
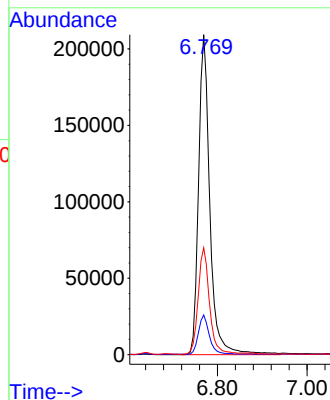
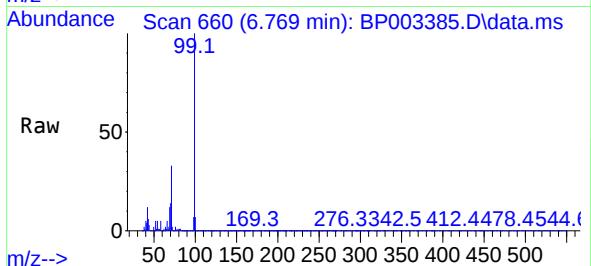
#7
Phenol-d6
Concen: 38.36 ng
RT: 6.769 min Scan# 660
Delta R.T. -0.000 min
Lab File: BP003385.D
Acq: 25 Sep 2020 17:17

Tgt Ion: 99 Resp: 364631
Ion Ratio Lower Upper
99 100
42 12.4 8.6 13.0
71 33.4 23.4 35.2

Instrument :
BNA_P
ClientSampled :
B-2(4-5)

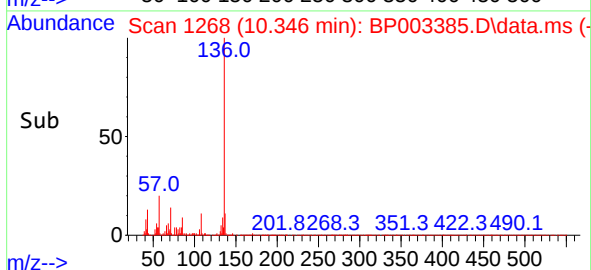
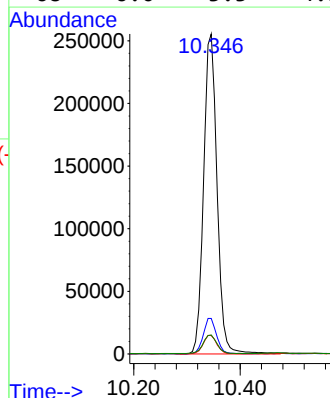
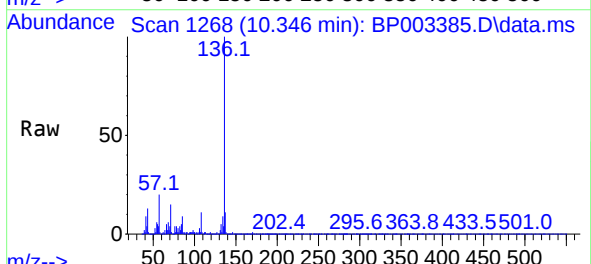
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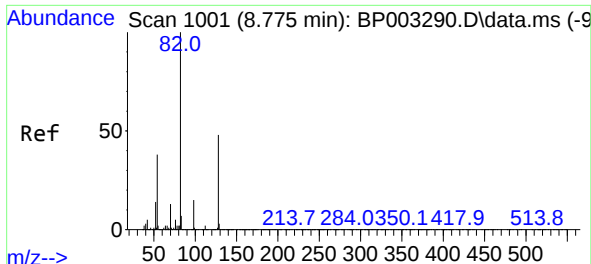
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#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.346 min Scan# 1268
Delta R.T. -0.000 min
Lab File: BP003385.D
Acq: 25 Sep 2020 17:17

Tgt Ion: 136 Resp: 445830
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 5.7 3.6 5.4#
68 6.0 3.3 4.9#





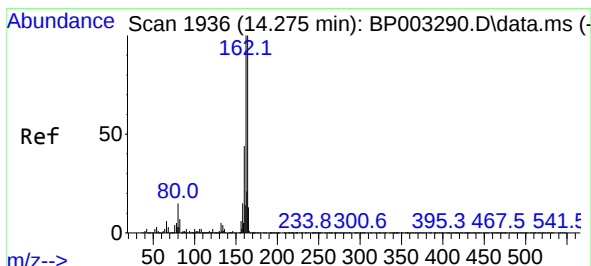
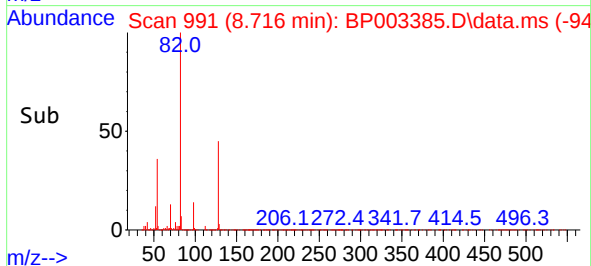
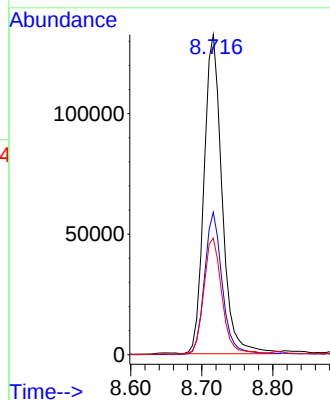
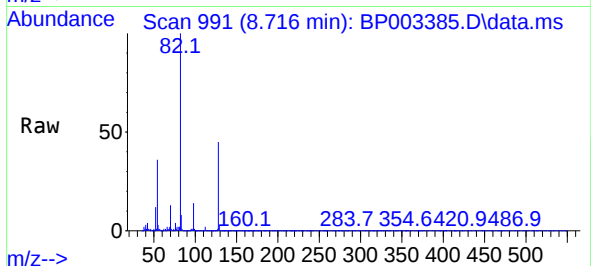
#23
Nitrobenzene-d5
Concen: 30.91 ng
RT: 8.716 min Scan# 991
Delta R.T. -0.006 min
Lab File: BP003385.D
Acq: 25 Sep 2020 17:17

Tgt Ion: 82 Resp: 234581
Ion Ratio Lower Upper
82 100
128 44.5 45.6 68.4#
54 36.4 30.1 45.1

Instrument :
BNA_P
ClientSampled :
B-2(4-5)

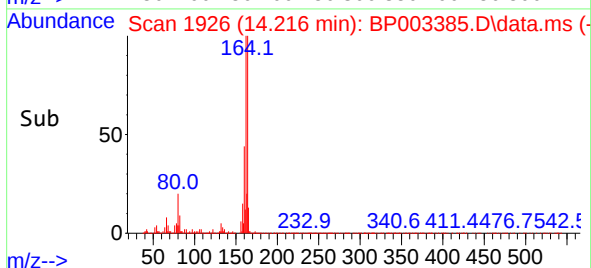
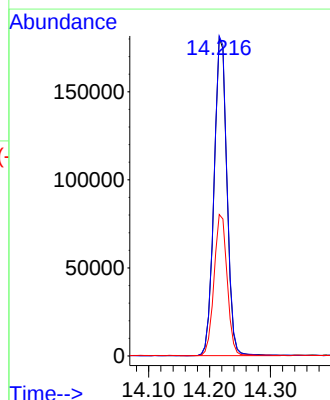
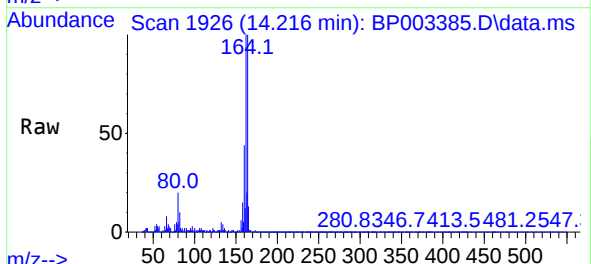
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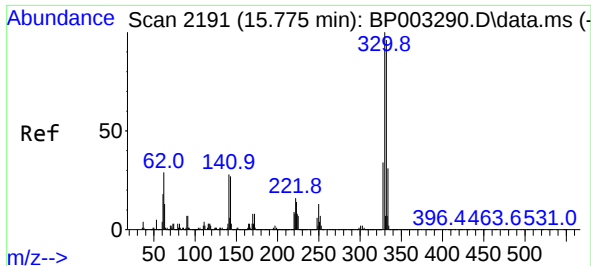
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#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.216 min Scan# 1926
Delta R.T. -0.006 min
Lab File: BP003385.D
Acq: 25 Sep 2020 17:17

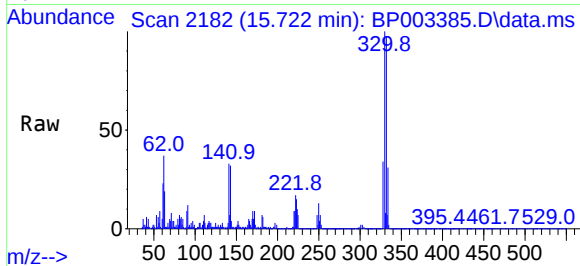
Tgt Ion: 164 Resp: 264305
Ion Ratio Lower Upper
164 100
162 100.5 79.4 119.2
160 44.4 36.1 54.1





#42
2,4,6-Tribromophenol
Concen: 34.37 ng
RT: 15.722 min Scan# 2182
Delta R.T. -0.000 min
Lab File: BP003385.D
Acq: 25 Sep 2020 17:17

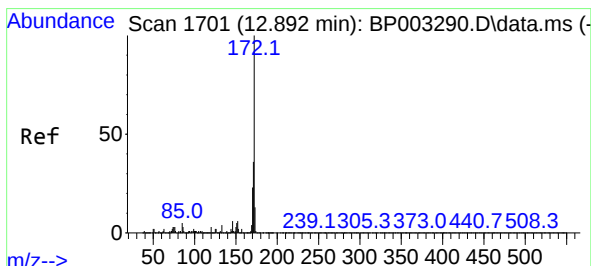
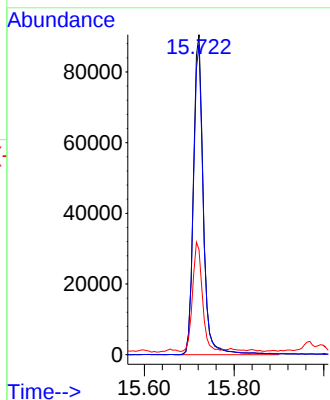
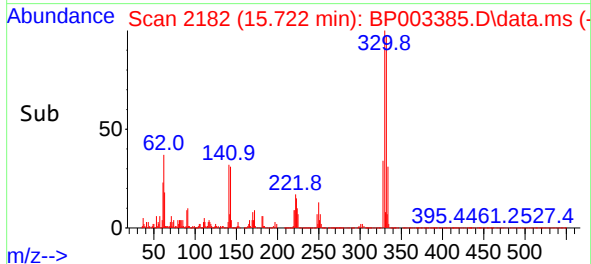
Instrument :
BNA_P
ClientSampleId :
B-2(4-5)



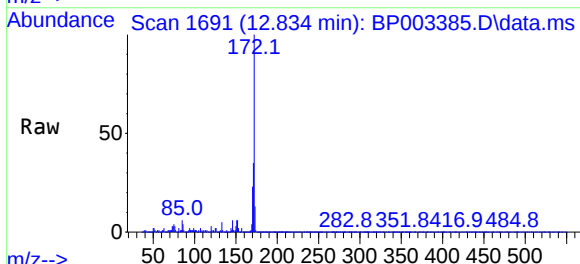
Tgt Ion:330 Resp: 138565
Ion Ratio Lower Upper
330 100
332 96.0 77.1 115.7
141 33.5 23.4 35.2

Manual Integrations
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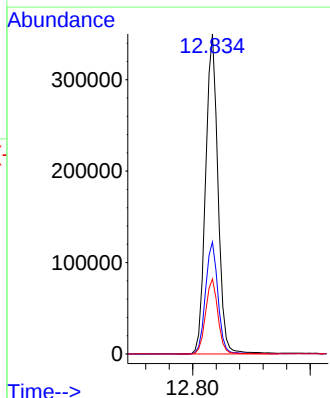
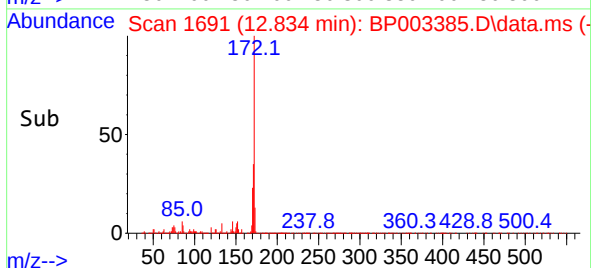
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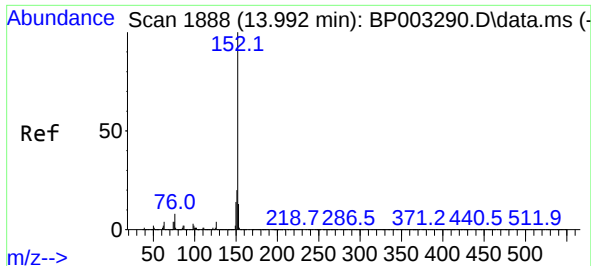


#45
2-Fluorobiphenyl
Concen: 28.43 ng
RT: 12.834 min Scan# 1691
Delta R.T. -0.006 min
Lab File: BP003385.D
Acq: 25 Sep 2020 17:17



Tgt Ion:172 Resp: 513734
Ion Ratio Lower Upper
172 100
171 35.0 28.5 42.7
170 23.5 19.2 28.8





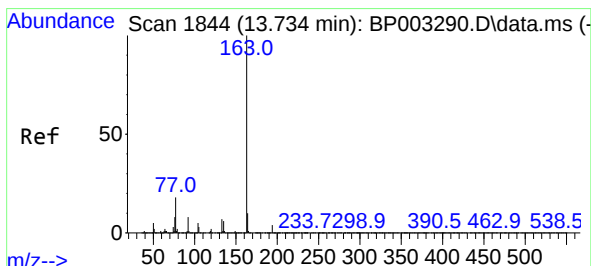
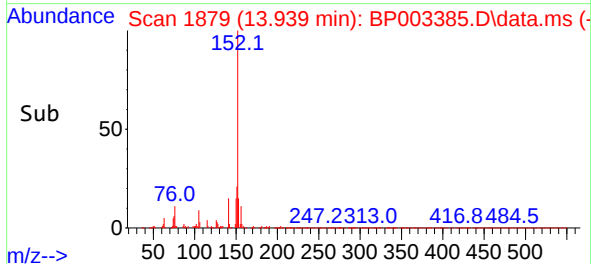
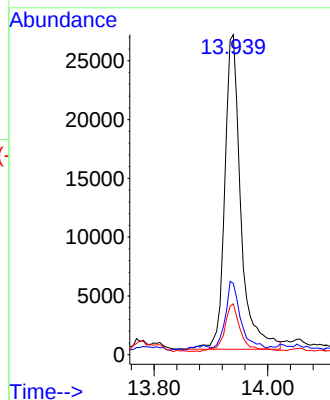
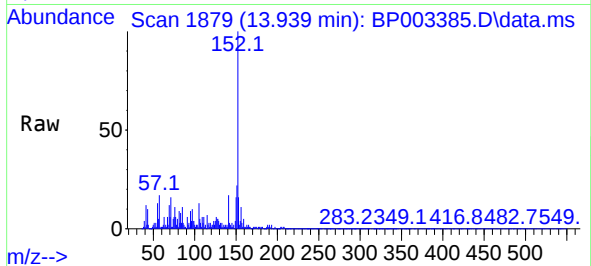
#49
Acenaphthylene
Concen: 2.11 ng
RT: 13.939 min Scan# 1879
Delta R.T. 0.000 min
Lab File: BP003385.D
Acq: 25 Sep 2020 17:17

Tgt Ion	Ratio	Lower	Upper
152	100		
151	22.3	15.9	23.9
153	15.9	10.5	15.7#

Instrument :
BNA_P
ClientSampled :
B-2(4-5)

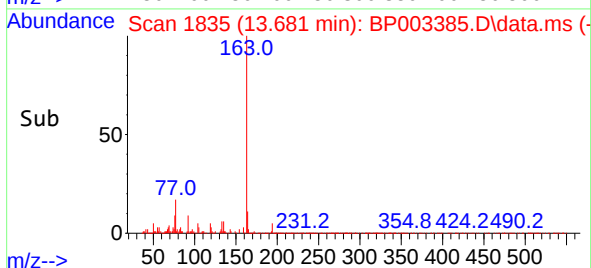
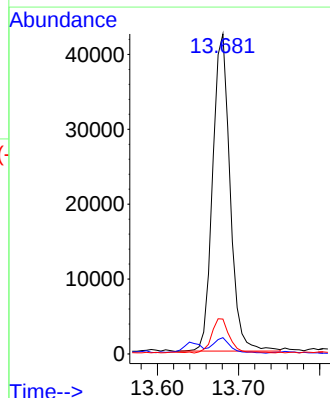
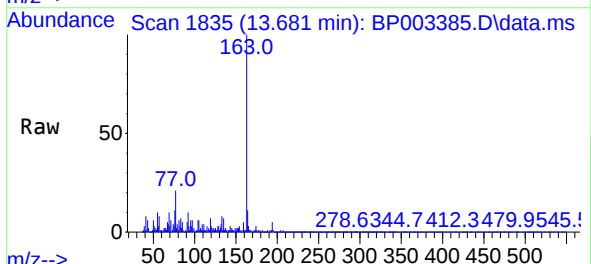
Manual Integrations
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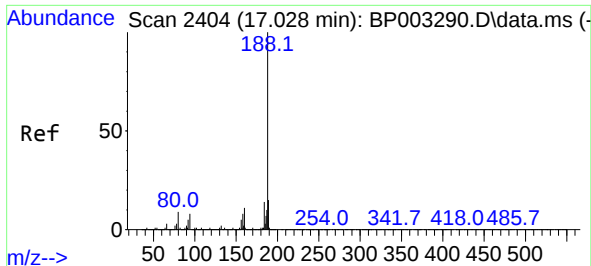
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#50
Dimethylphthalate
Concen: 2.99 ng
RT: 13.681 min Scan# 1835
Delta R.T. -0.006 min
Lab File: BP003385.D
Acq: 25 Sep 2020 17:17

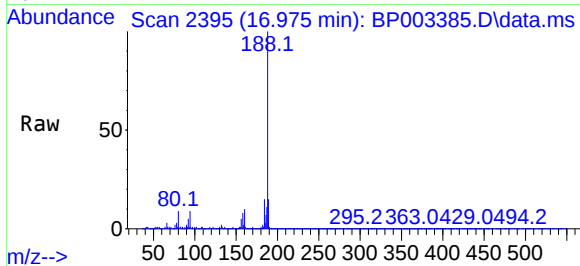
Tgt Ion	Ratio	Lower	Upper
163	100		
194	5.1	3.3	4.9#
164	10.9	8.2	12.2





#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.975 min Scan# 2395
Delta R.T. 0.000 min
Lab File: BP003385.D
Acq: 25 Sep 2020 17:17

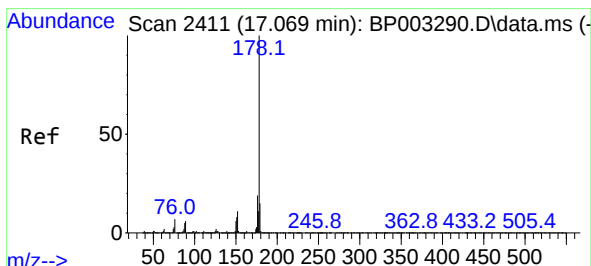
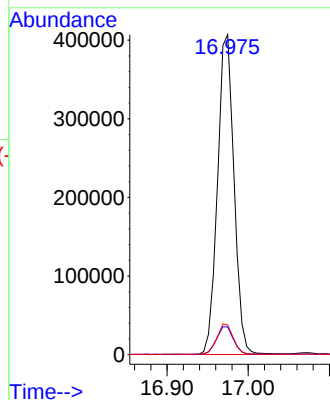
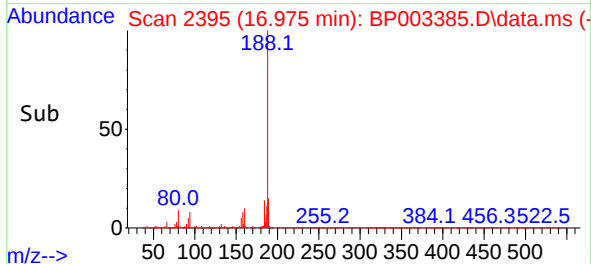
Instrument :
BNA_P
ClientSampled :
B-2(4-5)



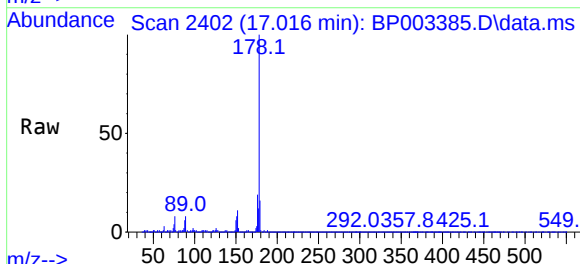
Tgt Ion:188 Resp: 576435
Ion Ratio Lower Upper
188 100
94 8.6 6.2 9.2
80 9.3 6.2 9.2#

Manual Integrations
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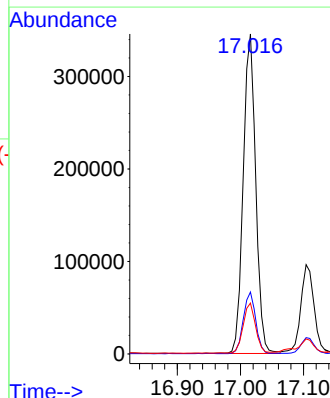
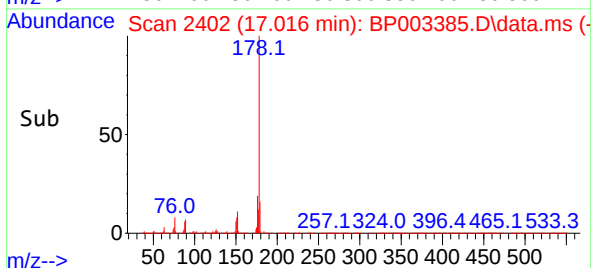
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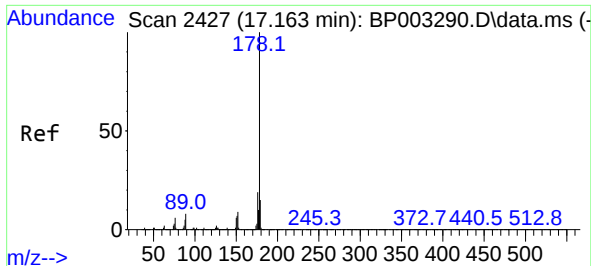


#71
Phenanthrene
Concen: 15.25 ng
RT: 17.016 min Scan# 2402
Delta R.T. -0.000 min
Lab File: BP003385.D
Acq: 25 Sep 2020 17:17



Tgt Ion:178 Resp: 478158
Ion Ratio Lower Upper
178 100
176 19.4 15.3 22.9
179 15.9 12.5 18.7





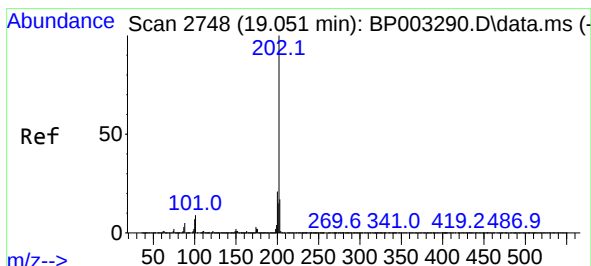
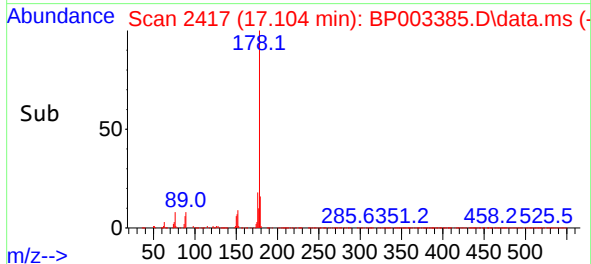
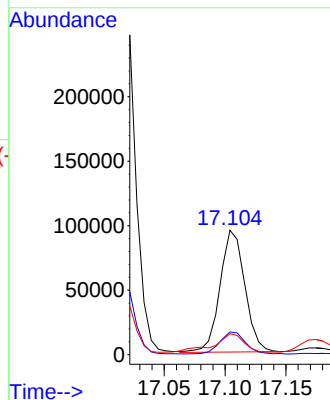
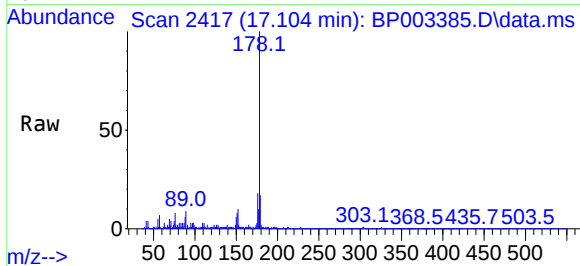
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 Anthracene
 Concen: 4.34 ng
 RT: 17.104 min Scan# 2417
 Delta R.T. -0.000 min
 Lab File: BP003385.D
 Acq: 25 Sep 2020 17:17

Tgt Ion:178 Resp: 134135
 Ion Ratio Lower Upper
 178 100
 176 18.3 15.0 22.4
 179 16.8 12.5 18.7

Instrument :
 BNA_P
 ClientSampleId :
 B-2(4-5)

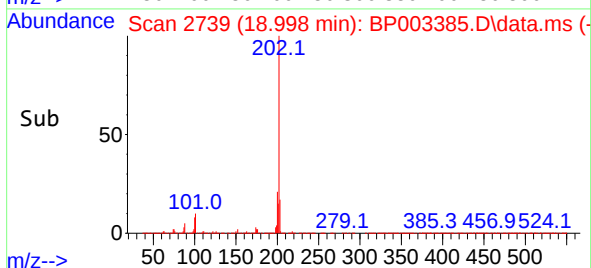
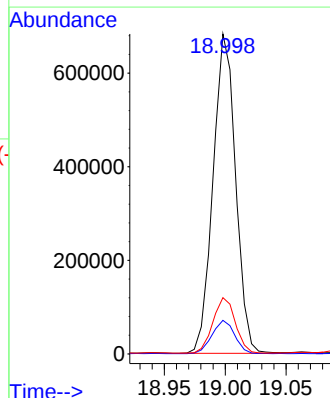
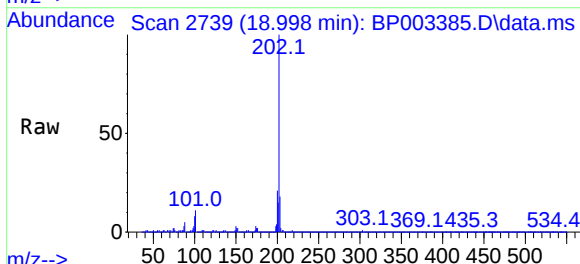
Manual Integrations
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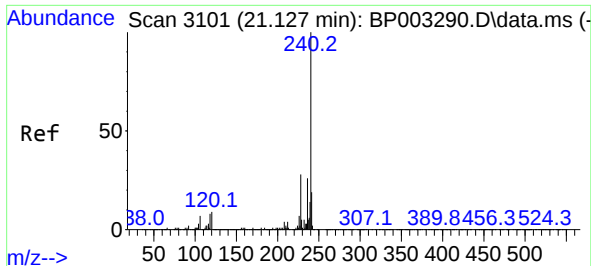
mohammad
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#75
 Fluoranthene
 Concen: 22.33 ng
 RT: 18.998 min Scan# 2739
 Delta R.T. -0.000 min
 Lab File: BP003385.D
 Acq: 25 Sep 2020 17:17

Tgt Ion:202 Resp: 880679
 Ion Ratio Lower Upper
 202 100
 101 10.5 0.0 29.4
 203 17.6 0.0 37.8





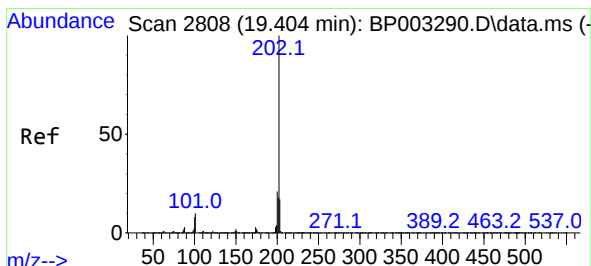
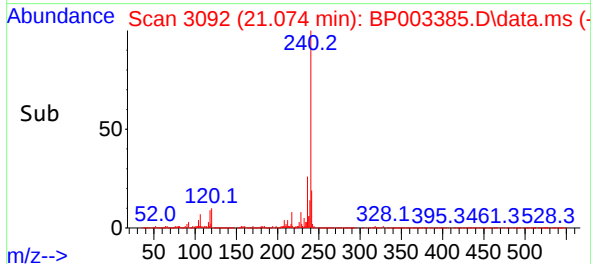
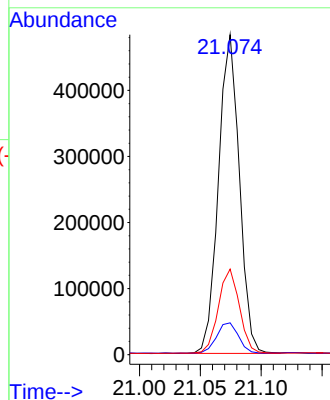
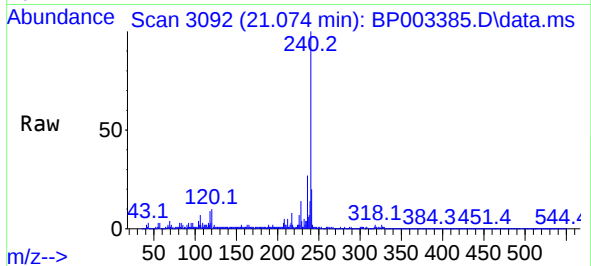
#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.074 min Scan# 3092
Delta R.T. 0.006 min
Lab File: BP003385.D
Acq: 25 Sep 2020 17:17

Tgt Ion:240 Resp: 576288
Ion Ratio Lower Upper
240 100
120 9.9 7.8 11.6
236 26.7 20.8 31.2

Instrument :
BNA_P
ClientSampled :
B-2(4-5)

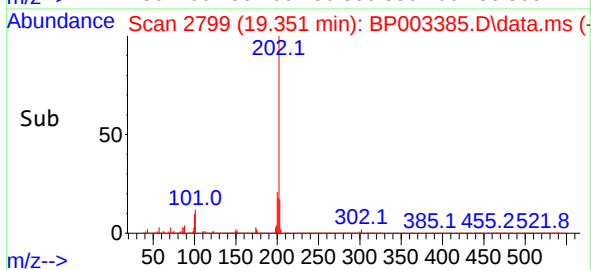
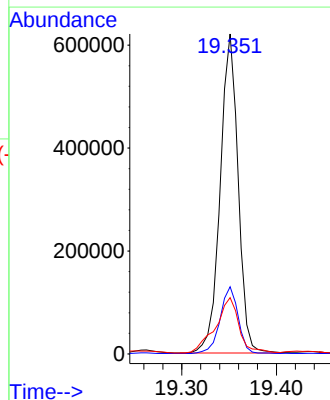
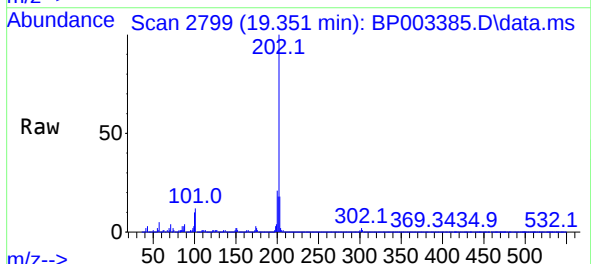
Manual Integrations
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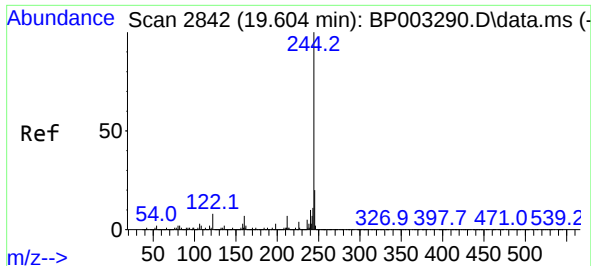
mohammad
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#78
Pyrene
Concen: 22.72 ng
RT: 19.351 min Scan# 2799
Delta R.T. 0.000 min
Lab File: BP003385.D
Acq: 25 Sep 2020 17:17

Tgt Ion:202 Resp: 816440
Ion Ratio Lower Upper
202 100
200 21.0 17.1 25.7
203 17.6 14.2 21.2





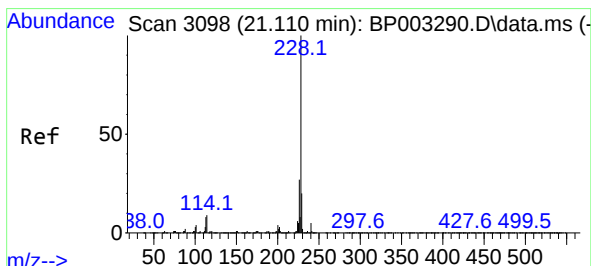
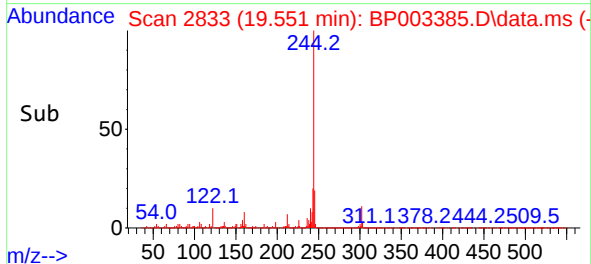
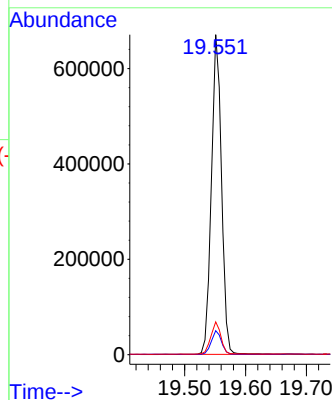
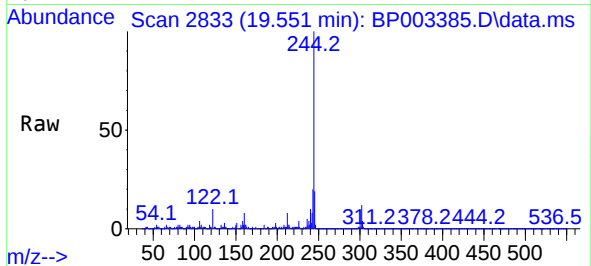
#79
Terphenyl-d14
Concen: 28.02 ng
RT: 19.551 min Scan# 2833
Delta R.T. 0.000 min
Lab File: BP003385.D
Acq: 25 Sep 2020 17:17

Tgt Ion:244	Resp:	775038	
Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.8	8.6
122	10.3	7.8	11.8

Instrument :
BNA_P
ClientSampled :
B-2(4-5)

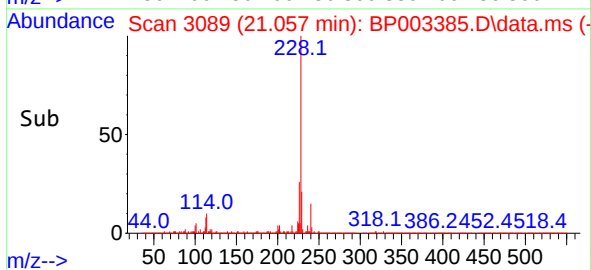
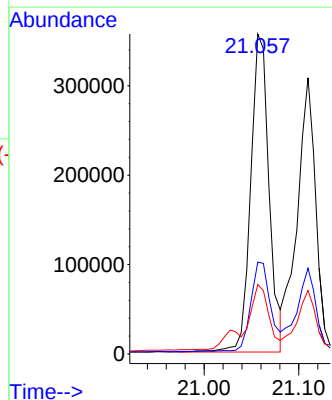
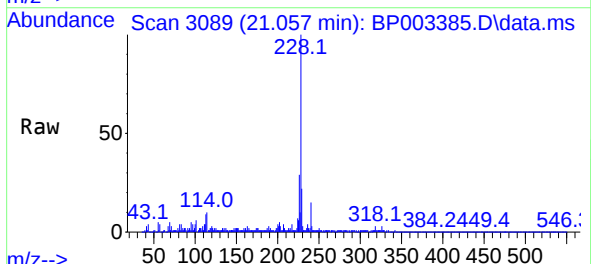
Manual Integrations
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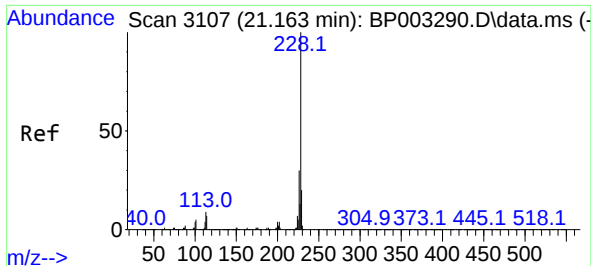
mohammad
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#81
Benzo(a)anthracene
Concen: 12.88 ng
RT: 21.057 min Scan# 3089
Delta R.T. -0.000 min
Lab File: BP003385.D
Acq: 25 Sep 2020 17:17

Tgt	Ion:228	Resp:	479656
Ion	Ratio	Lower	Upper
228	100		
226	28.7	22.1	33.1
229	21.7	15.9	23.9





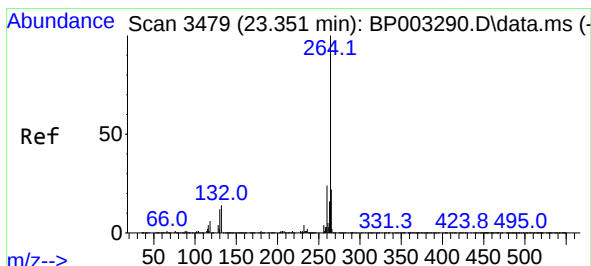
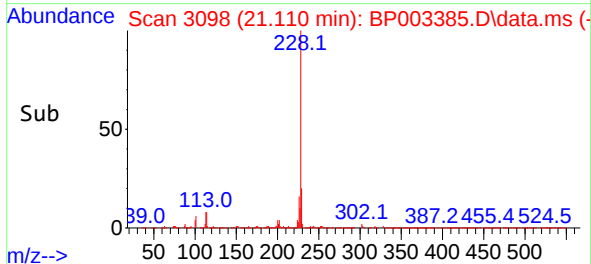
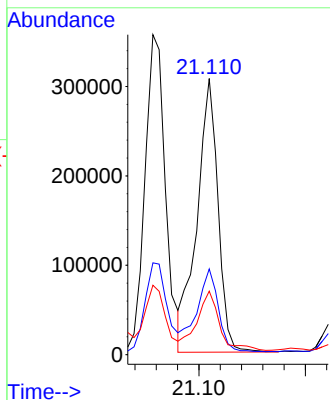
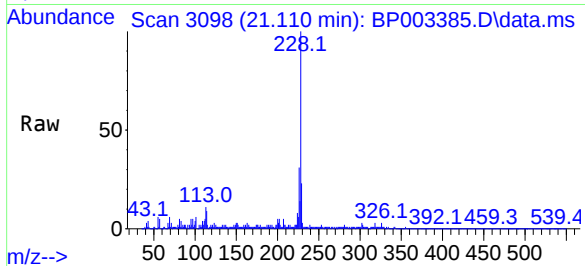
#83
Chrysene
Concen: 11.80 ng
RT: 21.110 min Scan# 3098
Delta R.T. 0.006 min
Lab File: BP003385.D
Acq: 25 Sep 2020 17:17

Tgt	Ion:228	Resp:	422214
Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.4	36.6
229	23.0	15.8	23.6

Instrument :
BNA_P
ClientSampled :
B-2(4-5)

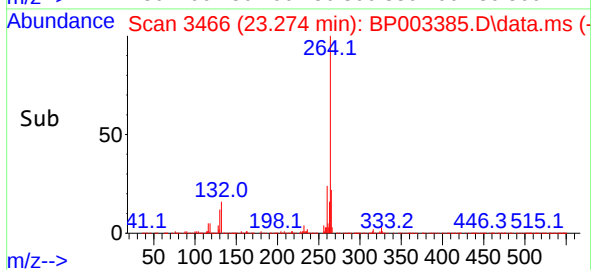
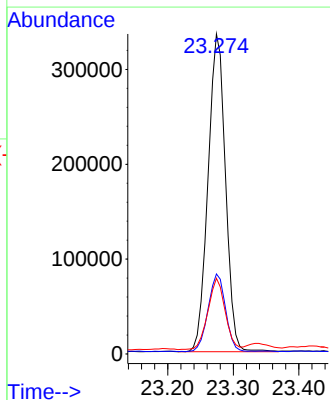
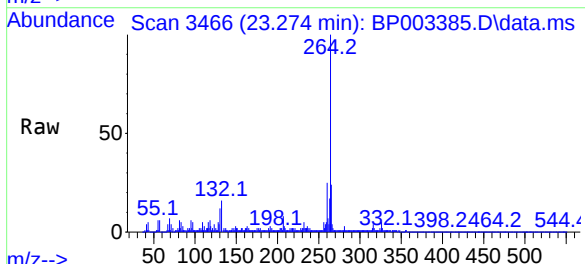
Manual Integrations
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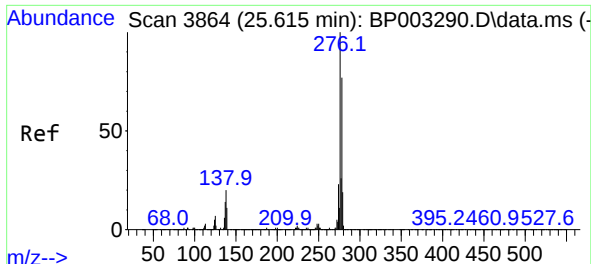
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#86
Perylene-d12
Concen: 20.00 ng
RT: 23.274 min Scan# 3466
Delta R.T. 0.012 min
Lab File: BP003385.D
Acq: 25 Sep 2020 17:17

Tgt	Ion:264	Resp:	619805
Ion	Ratio	Lower	Upper
264	100		
260	25.0	18.8	28.2
265	23.7	17.4	26.2





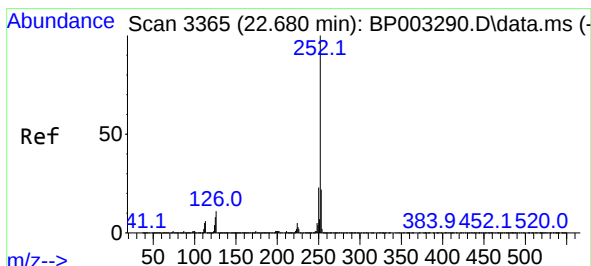
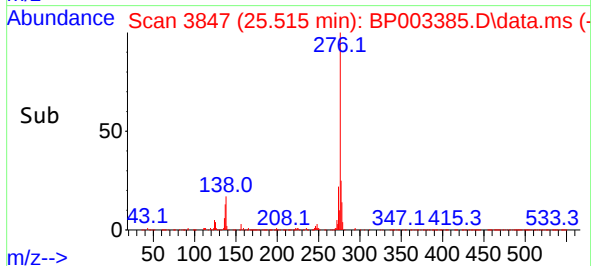
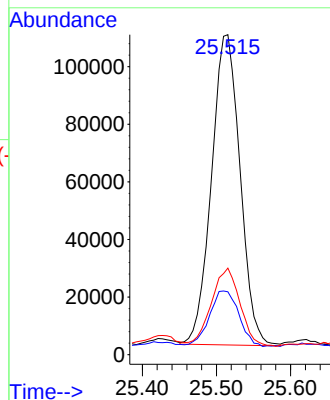
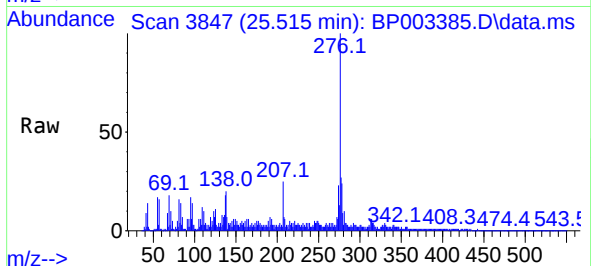
#87
Indeno(1,2,3-cd)pyrene
Concen: 6.14 ng
RT: 25.515 min Scan# 3847
Delta R.T. 0.024 min
Lab File: BP003385.D
Acq: 25 Sep 2020 17:17

Tgt Ion: 276 Resp: 288631
Ion Ratio Lower Upper
276 100
138 18.5 18.7 28.1#
277 25.4 20.4 30.6

Instrument :
BNA_P
ClientSampled :
B-2(4-5)

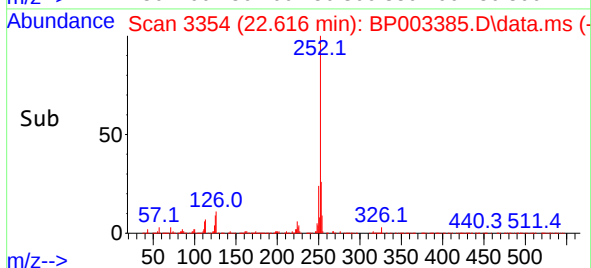
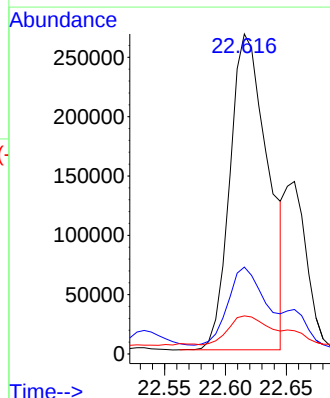
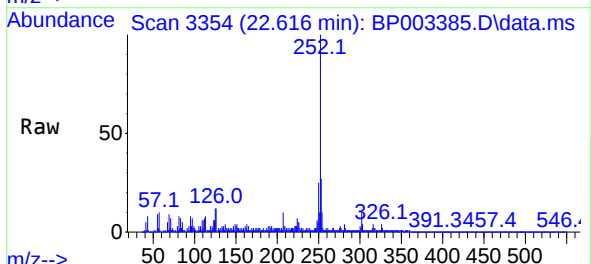
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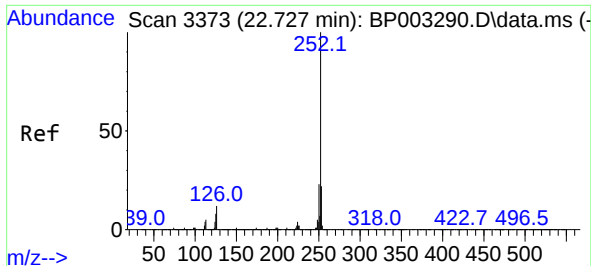
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#88
Benzo(b)fluoranthene
Concen: 14.78 ng
RT: 22.616 min Scan# 3354
Delta R.T. 0.012 min
Lab File: BP003385.D
Acq: 25 Sep 2020 17:17

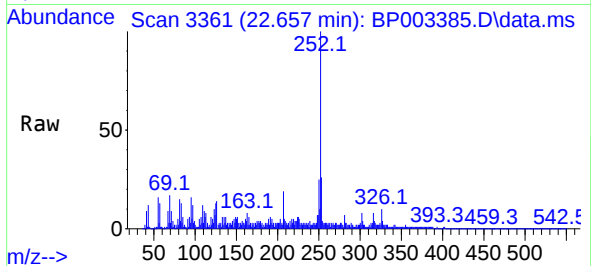
Tgt Ion: 252 Resp: 578490
Ion Ratio Lower Upper
252 100
253 27.1 17.6 26.4#
125 11.9 7.3 10.9#





#89
Benzo(k)fluoranthene
Concen: 4.69 ng m
RT: 22.657 min Scan# 3361
Delta R.T. 0.006 min
Lab File: BP003385.D
Acq: 25 Sep 2020 17:17

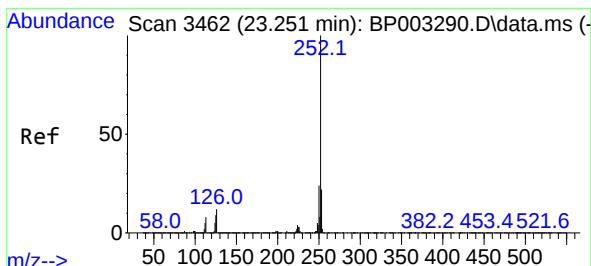
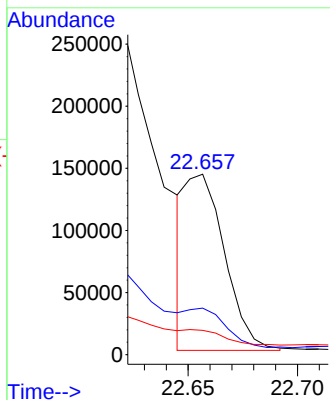
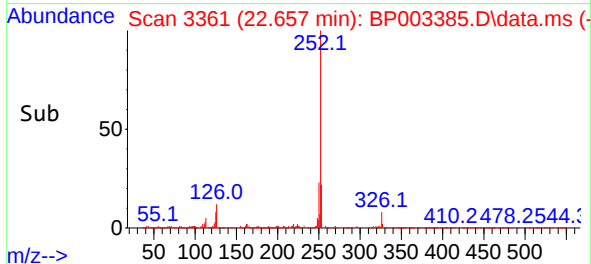
Instrument :
BNA_P
ClientSampled :
B-2(4-5)



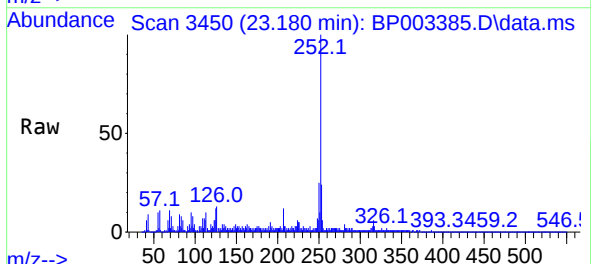
Tgt Ion:252 Resp: 176093
Ion Ratio Lower Upper
252 100
253 25.8 17.8 26.8
125 13.5 7.4 11.2#

Manual Integrations
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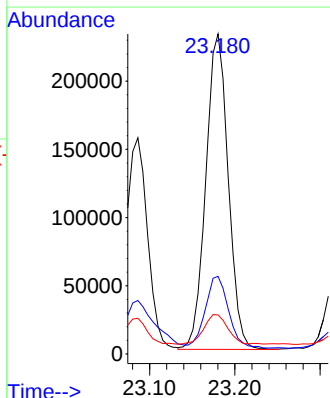
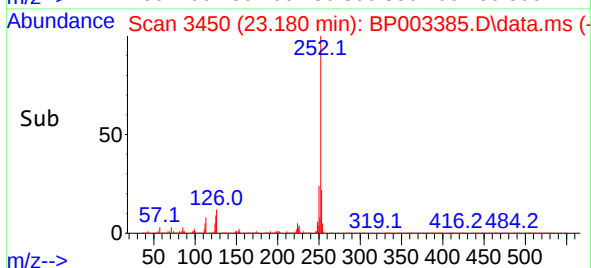
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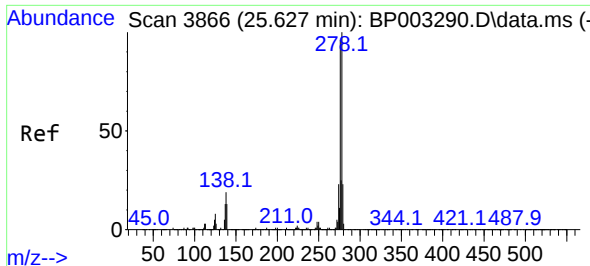


#90
Benzo(a)pyrene
Concen: 11.45 ng
RT: 23.180 min Scan# 3450
Delta R.T. 0.012 min
Lab File: BP003385.D
Acq: 25 Sep 2020 17:17



Tgt Ion:252 Resp: 422406
Ion Ratio Lower Upper
252 100
253 24.2 17.4 26.0
125 12.2 8.2 12.4





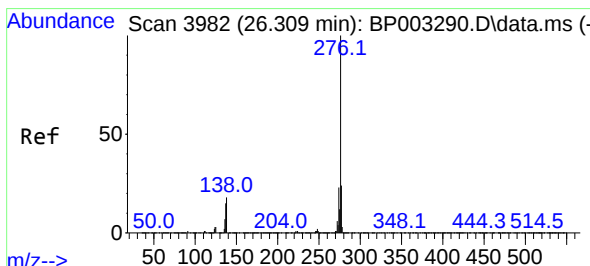
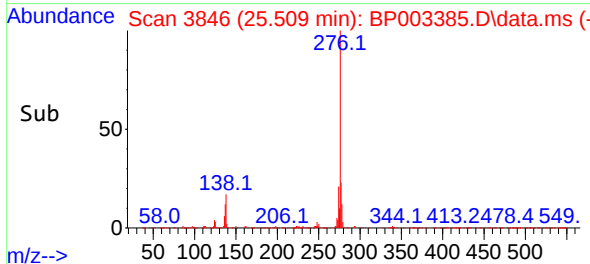
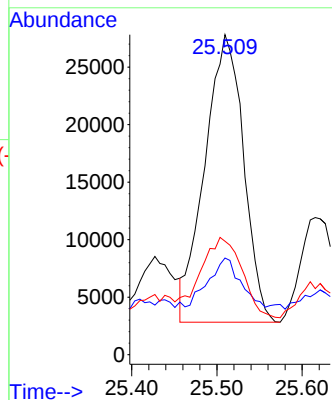
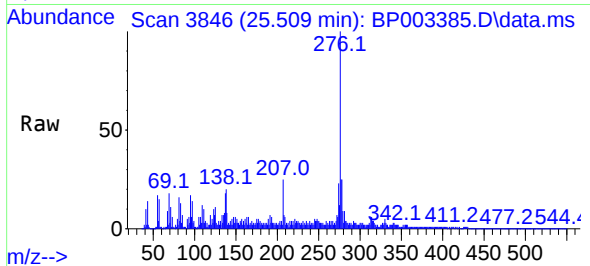
#91
Dibenzo(a,h)anthracene
Concen: 2.04 ng
RT: 25.509 min Scan# 3846
Delta R.T. 0.012 min
Lab File: BP003385.D
Acq: 25 Sep 2020 17:17

Tgt Ion	Ratio	Lower	Upper
278	100		
139	30.2	12.4	18.6#
279	35.5	19.0	28.6#

Instrument :
BNA_P
ClientSampled :
B-2(4-5)

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 7.37 ng
RT: 26.198 min Scan# 3963
Delta R.T. 0.035 min
Lab File: BP003385.D
Acq: 25 Sep 2020 17:17

Tgt Ion	Ratio	Lower	Upper
276	100		
277	26.0	19.0	28.6
138	21.0	16.6	24.8

